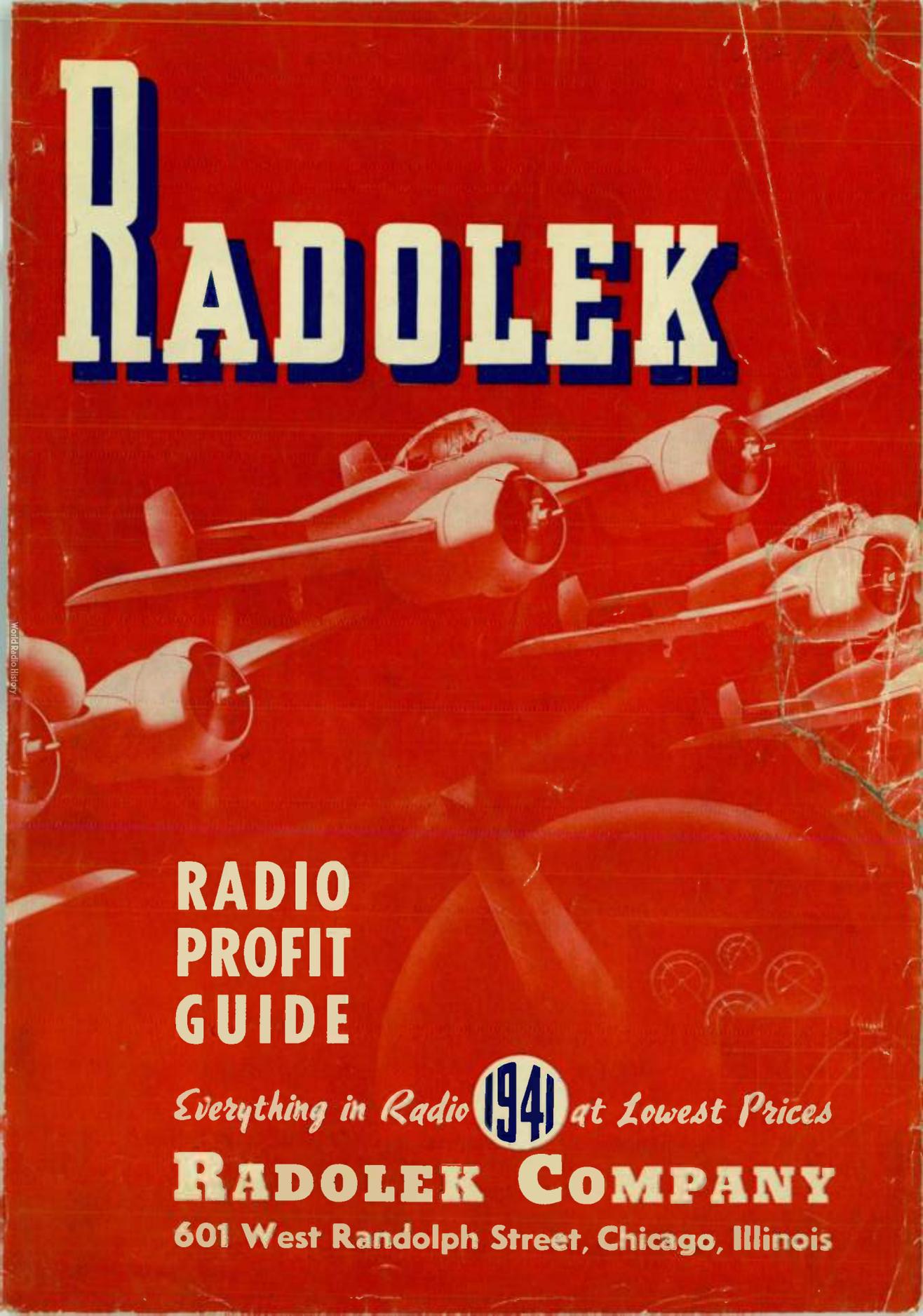


RADOLEK



RADIO PROFIT GUIDE

Everything in Radio **1941** at Lowest Prices

RADOLEK COMPANY

601 West Randolph Street, Chicago, Illinois

Year's
Biggest

VALUE

5 Tube
AC-DC

SUPER

The 1941 Sales Leader

Here is a radio that has rich, appealing tone quality, brilliant performance, power, dependability and beautifully designed cabinet. The high quality and fine craftsmanship together with the remarkably low price, makes this radio one of the biggest values of the year.

5 Tube AC-DC Superhet

The powerful superheterodyne circuit has a tuning range of 540 to 1730 Kc, covering full broadcast band and upper police band. **Built-in antenna**—no aerial or ground necessary. **Large aeroplane-type dial.** Unparalleled tone quality and power with 5" **permanent magnet speaker** and beam power output. **Variable tone control** to suit every individual preference. **Automatic Volume Control** minimizes and often eliminates fading. All working multi-purpose tubes give performance equal to much larger sets. Tubes used: 12SQ7, 12SK7, 12SA7, 50L6GT, 35Z5GT. The gracefully streamlined cabinet is available in either gleaming Ivory or beautifully figured Walnut finish. Louvre grill carries out streamline design. Size 12" x 7" x 7" deep. Operates on 110 volts 50/60 cycles AC or DC.

D17591—In Walnut Plastic Cabinet.

Complete with tubes. List, \$14.95.

YOUR PRICE, Each \$ 7.99 \$9.29

In Lots of 3, Each

D17592—In Ivory finished Cabinet.

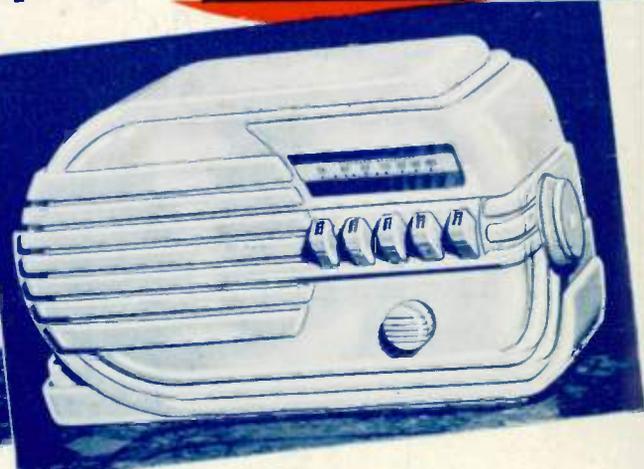
Complete with tubes. List, \$16.95.

YOUR PRICE, Each \$10.85 \$9.95

In Lots of 3, Each



Personal AC-DC Supers



6 Tube AC-DC Superhet

Push Button Tuning—Built-In Antenna

Built-in antenna eliminates external aerial and ground. Push-Button Automatic Tuning. 6 Pre-selected stations can be changed at will. Control knob is on side for manual tuning. Superheterodyne Circuit with R.F. stage provides excellent selectivity and sensitivity. Tunes 535 to 1730 Kc. A.V.C. minimizes fading. Beam Output and Dynamic Speaker provide amazing power and true tone. Tubes: 12SA7, 2-12SK7, 12SQ7, 35L6GT, 35Z5GT. Beautiful plastic cabinet of distinctive modern design. Size 12 1/2" x 7" x 6". Operates on 110 volt AC or DC. Tubes included.

D17573—In Walnut Plastic Cabinet.

List Price, \$23.50.

YOUR PRICE in

single lots

\$11.95

In lots of 3, Each..

\$11.25

D17574—In Ivory

finished Cabinet.

List, \$24.95.

YOUR PRICE in

single lots

\$12.95

In lots of 3, each..

\$12.25

5 Tube AC-DC Superhet

Push Button Tuning—Built-In Antenna

A quality, high-efficiency radio with 5 actual working tubes—featuring **automatic push-button tuning** of 5 preselected stations and **built-in antenna.** No bothersome aerial or ground—no hunting for stations—just plug it in anywhere—push a button and there's the broadcast you want. Station selection easily changed without tools. Slide-rule dial. **Tuning range** 540 to 1650 Kc. Control knob provided for manual tuning. Features beam power output, A.V.C. and full sized dynamic Speaker. Cabinet in modern streamlined styling harmonizes with any surroundings. Tubes: 12SA7, 12SK7, 12SQ7, 35L6GT, 35Z5GT. Size: 6 3/4" x 12 x 6". For 110 volt AC-DC operation. Tubes included.

D17593—In Walnut Plastic Cabinet.

List, \$19.95.

YOUR PRICE, Ea. \$9.95

In Lots of 3, Each.....

\$9.45

D17594—In Ivory

finished Cabinet.

List, \$21.95.

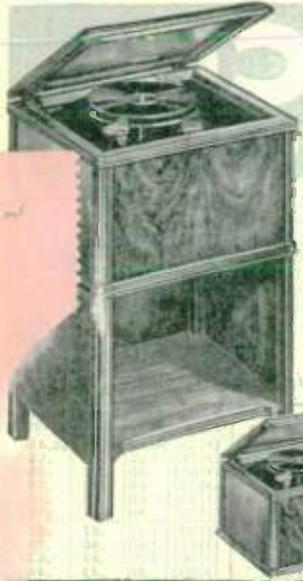
YOUR PRICE, EACH, \$10.95

In Lots of 3, Each..

\$10.45

\$10.45

AUTOMATIC RECORD CHANGING UNITS



Luxurious record reproducers with built-in Automatic Record Changers. Wireless Models have built-in 2 tube "wireless oscillator" and will operate at some distance from any radio set without direct connection. Does not interfere with set operation. Changer plays ten 12" or twelve 10" records automatically, re-

jects any record at will, uses crystal pickup, has needle-cup, on-off switch and volume control. Selected walnut veneer cabinet hinged lid. Table Model size 21"x16 1/2"x12 1/2". Console Model size 21"x16 1/2"x31". For 110 volt 60 cycle AC operation.

D17672—Wireless Type Table Model. Complete with tubes.
YOUR PRICE **\$3675**

D17674—Wireless Type Console Model. Complete with tubes.
YOUR PRICE **\$4275**

D17673—Wired Type Table Model. Same as above except requires single connection to radio or amplifier.
YOUR PRICE **\$3150**

D17675—Wired Type Console Model. Same as above except requires single connection to radio or amplifier.
YOUR PRICE **\$3750**

4 TUBE RADIO-PHONOGRAPH

A 4 tube superheterodyne table model radio and record player compactly housed in attractive rich dark brown leatherette covered case with hinged lid. Has A.V.C., beam power output, and 5" P.M. dynamic speaker. Illuminated airplane dial covers complete broadcast and upper police bands from 540 to 1720 Kc. Phonograph has high fidelity tru-tracking crystal pick-up. Self-starting constant speed quiet electric motor. Plays both 10" and 12" records. Tubes used: 1 each 12SQ7, 12SA7, 50L6GT and 3.25G. \$14, 11 1/2, 19 1/2, all 1 1/2" deep.

D17638 — Table Model, 4 tube Phono-Radio Combination. Complete with tubes. For 110 volt 60 cycle AC.
List, \$19.95.
YOUR PRICE **\$1385**



NEWEST RECORD PLAYERS WITH BUILT-IN AMPLIFIERS



Completely self-contained electric phonographs. Will play 10 or 12" records at 78 RPM. No additional accessories required as each unit has its own built-in 2 watt amplifier and PM Dynamic speaker. Amplifier uses 2 tubes in an inverse feedback circuit that develops a rich faithful tone

quality. Phono motor is self-starting rim drive type running at 78 RPM. Also included are high fidelity offset head crystal pickup, pickup arm rest, volume control and on-off switch. Complete with tubes. 110-120 Volt 60 cycle AC operation.

D17660—Economy electric table model. Housed in leatherette covered case, size 7 1/2" wide x 12" deep x 4 1/2" high. Complete as described above with high fidelity offset crystal pickup arm rest, volume control, on-off switch and tubes. No accessories required.
YOUR PRICE, Each **\$11.72**
In Lots of 3, **\$11.20**

D17661—DeLuxe table model. Smartly designed walnut cabinet with hinged lid. Plays 10 or 12" records with lid closed. Cabinet size 14 1/2" long x 12 1/2" deep x 9 1/2" high. Complete as described above except also includes needle cup and jeweled pilot light.
YOUR PRICE, Each **\$17.95**
In Lots of 3, **\$16.95**

D17662—Portable Type. Similar to other models except has more powerful amplifier and speaker, needle cup, tone control and changer which plays ten 12" or twelve 10" records. Portable case with carrying handle is covered with airplane luggage cloth. Size, 16 x 16 x 14" high.
YOUR PRICE, Each **\$39.75**
In Lots of 3, **\$37.95**

D17663—Portable Model in swan effect striped airplane luggage leatherette with hinged lid and handle. Removable compartment holds eight 10" records. Size, 13 1/2 x 13 1/2 x 10". Complete as described above except includes tone control and needle cup.
YOUR PRICE, Each **\$15.95**
In Lots of 3, **\$15.25**

WIRED AND WIRELESS TYPE RECORD PLAYBACK UNITS



Converts any radio into an electric phonograph. Each model is equipped with 78 RPM self-starting constant speed rim drive electric motor, light weight crystal pickup, arm rest, volume control, on-off switch and needle cup. Plays all 10" and 12" records. Wireless Models do not require connection to radio and will operate with any set. Includes highly efficient built-in 2

tube oscillator that allows operation up to 50 ft. from receiver. Wired Models provide better reproduction than wireless models but are recommended for use only with sets having 2 or more tubes in the audio system. For 110-120 Volts 60 cycles AC operation.

Housed in an attractive open type walnut cabinet with graceful roll over effect. Cabinet size 12" long x 10 1/2" deep x 7" high.
D17664—Wired Model.
YOUR PRICE, Each **\$8.10**
In Lots of 3, **\$7.65**
D17665—Wireless Model.
YOUR PRICE, Each **\$11.35**
In Lots of 3, **\$10.95**

Housed in a handsome walnut cabinet with streamlined curved hinged lid. Cabinet size 13 1/2" long x 10 1/2" deep x 7" high.
D17666—Wired Model.
YOUR PRICE, Each **\$11.35**
In Lots of 3, **\$10.95**
D17667—Wireless Model.
YOUR PRICE, Each **\$13.95**
In Lots of 3, **\$13.25**

Offered in a DeLuxe Cabinet of selected walnut with solid hinged lid. Cabinet size 15 1/2" long x 13 1/2" deep x 8 1/2" high.
D17668—Wired Model.
YOUR PRICE, Each **\$14.25**
In Lots of 3, **\$13.75**
D17669—Wireless Model.
YOUR PRICE, Each **\$17.95**
In Lots of 3, **\$16.95**

Portable model in leatherette covered carrying case with hinged lid and sturdy handle. Size 14 1/2" long x 12 1/2" deep x 7" high.
D17670—Wired Model.
YOUR PRICE, Each **\$8.95**
In Lots of 3, **\$8.45**
D17671—Wireless Model.
YOUR PRICE, Each **\$11.95**
In Lots of 3, **\$11.35**



PHILCO QUALITY RADIO TUBES

PHILCO Radio Tubes are of the very latest type, design and construction. Scientifically engineered, precision built, and subjected to 100% thorough tests in every stage of their manufacture. PHILCO tubes furnish long, dependable and economical service. The line is COMPLETE—concentrate on PHILCO TUBES. Make

EXTRA PROFIT, in addition to sales of radio sets.

Nationally advertised for replacement in all radio receivers and for replacement in over 100,000 PHILCO Receivers in use throughout the United States.

Finest Quality

Tubes May Be Assorted to Obtain Quantity Price

Prices Subject to Market Change

Tube Type	Stock Num.	List Price	Price, Ea. 1-9	Each 10-99	Tube Type	Stock Num.	List Price	Price, Ea. 1-9	Each 10-99
02A	D1769	\$1.80	\$0.86	\$0.80	6A8G	D1677	\$0.80	\$0.43	\$0.40
02AG	D1728	1.25	.67	.62	6A8GT	D1661	1.00	.54	.50
1A5G	D1740	1.00	.54	.50	6B5	D1642	2.10	1.13	1.05
1A6	D1553	1.25	.67	.62	6B7	D1578	1.25	.67	.62
1A7G	D1748	1.25	.67	.62	6C5	D1752	1.00	.54	.50
1A7GT	D1654	1.25	.67	.62	6C5G	D1707	.80	.43	.40
1C5GT	D1658	1.25	.67	.62	6C6	D1579	.80	.43	.40
1C6	D1587	1.25	.67	.62	6D6	D1550	.80	.43	.40
1C7G	D1675	1.25	.67	.62	6E5	D1651	1.00	.54	.50
1D5GP	D1500	1.25	.67	.62	6F5	D1753	1.00	.54	.50
1D5GT	D1501	1.25	.67	.62	6F5G	D1708	.80	.43	.40
1E4G	D1739	1.25	.67	.62	6F6	D1754	1.00	.54	.50
1F7G	D1680	1.00	.86	.80	6F6G	D1690	.80	.43	.40
1H4G	D1681	.80	.43	.40	6F7	D1581	1.25	.67	.62
1H5G	D1745	1.00	.54	.50	6F7G	D1776	1.25	.67	.62
1H6G	D1683	1.25	.67	.62	6H6	D1643	1.60	.86	.80
1L4A	D1689	1.10	1.13	1.05	6H6G	D1755	.80	.43	.40
1L4E	D1627	1.10	1.13	1.05	6H6GT	D1691	.80	.43	.40
1LH4	D1686	2.10	1.13	1.05	6J5G	D1692	.80	.43	.40
1LN5	D1688	2.10	1.13	1.05	6J7	D1756	1.00	.54	.50
1N5G	D1744	1.00	.54	.50	6J7GT	D1693	.80	.43	.40
1N5GT	D1660	1.25	.67	.62	6J8GT	D1662	1.00	.54	.50
1Q5G	D1745	2.10	1.13	1.05	6J8G	D1777	1.60	.86	.80
2A3	D1665	2.10	1.13	1.05	6K5G	D1694	.80	.43	.40
2A4G	D1703	1.60	.86	.80	6K6G	D1695	.80	.43	.40
2A5	D1566	.80	.43	.40	6K7	D1696	.80	.43	.40
2A7	D1568	1.00	.54	.50	6K7GT	D1663	1.00	.54	.50
3W4	D1749	1.00	.54	.50	6L6	D1758	1.60	.86	.80
5X4G	D1502	.80	.43	.40	6L6G	D1709	1.25	.67	.62
5Y3G	D1706	.80	.43	.30	6L7G	D1697	1.25	.67	.62
5Y4G	D1686	.60	.32	.30	6N6G	D1710	2.10	1.13	1.05
5Z3	D1872	.80	.43	.40	6N7	D1760	1.25	.67	.62
5Z4	D1750	1.25	.67	.62	6N7G	D1698	1.25	.67	.62
6A6	D1676	1.25	.67	.62	6O7	D1781	1.00	.54	.50
6A7	D1577	.80	.43	.40	6O7G	D1699	.70	.38	.35
6A8	D1761	1.25	.67	.62					

Deduct An Extra 10% Discount When Ordering 100 or More Tubes.

HYTRON BANTAM RADIO TUBES

Interchangeable with Octal Base "G", "MG" and "GT" Type and Metal Tubes

The greatest contribution to compact radios. Diameter 1 1/2". Overall height ranging from 2 1/2" to 3 1/2". Short connection leads and metal shield band about base adds greatly to stability of receiver operation. Low inter-electrode capacitance. Tube elements are rigidly braced making tubes especially desirable for use where excessive vibration is encountered. Complete freedom from gas liberated from envelope by use of glass instead of metal envelope. Tubes replace any octal base "G", "MG" and "GT" type or metal tubes bearing same type number with exception of the letter "G" or "GT". Includes external metal shield shown at right at no extra cost so that tube may be used to replace metal tube and not require re-alignment of receiver circuit.

Tube Prices Subject to Market Change

Tube Type	Stock Num.	List Price	Price, Each 1-14	Each 15-99	Tube Type	Stock Num.	List Price	Price, Each 1-14	Each 15-99
1A5GT	D1900	\$1.25	\$0.67	\$0.62	6K5GT	D1924	\$0.80	\$0.43	\$0.40
1A7GT	D1902	1.25	.67	.62	6K6GT	D1925	.80	.43	.40
1C5GT	D1903	2.10	1.13	1.05	*6K7GT	D1930	.80	.43	.40
1G4GT	D1904	1.00	.54	.50	*6K8GT	D1927	1.25	.67	.62
1G6GT	D1905	1.25	.67	.62	6P5GT	D1928	.70	.38	.35
1H5GT	D1906	1.00	.54	.50	*6Q7GT	D1929	.80	.43	.40
1N5GT	D1907	1.25	.67	.62	*6R7GT	D1930	.80	.43	.40
1P5GT	D1908	1.25	.67	.62	*6SA7GT	D1931	1.00	.54	.50
1Q5GT	D1909	1.25	.67	.62	*6SF5GT	D1932	1.00	.54	.50
1T5GT	D1910	1.25	.67	.62	*6S7GT	D1933	1.00	.54	.50
2W3GT	D1911	1.25	.67	.62	*6SK7GT	D1934	1.00	.54	.50
3A8GT	D1912	2.10	1.13	1.05	*6S7GT	D1935	1.00	.54	.50
3Q5GT	D1913	1.60	.86	.80	6V6GT	D1936	1.00	.54	.50
5W4GT	D1914	1.00	.54	.50	6W6GT	D1937	1.60	.86	.80
*6A7GT	D1915	1.00	.54	.50	6X5GT	D1938	1.00	.54	.50
6A5GT	D1916	1.00	.54	.50	6Y6GT	D1939	1.60	.86	.80
6A5GT	D1917	1.60	.86	.80	12A7GT	D1940	1.60	.86	.80
*6C5GT	D1918	.80	.43	.40	12A8GT	D1941	1.00	.54	.50
*6F5GT	D1919	.80	.43	.40	12B8GT	D1942	1.60	.86	.80
6H4GT	D1920	1.60	.86	.80	12F5GT	D1943	1.60	.86	.80
*6H6GT	D1921	1.00	.54	.50	12J5GT	D1944	.80	.43	.40
*6J5GT	D1922	.80	.43	.40	12K7GT	D1945	1.00	.54	.50
*6J7GT	D1923	.80	.43	.40	12K8GT	D1946	1.00	.54	.50
					12K6GT	D1947	1.60	.86	.80

Tubes May Be Assorted to Obtain Quantity Price. Write for Prices on Larger Quantities.

H. F. Bantams
With Ceramic Base

D1972-6A8GTX PRICE EACH
D1973-6J5GTX PRICE EACH
D1974-6J7GTX PRICE EACH
D1975-6K7GTX PRICE EACH

95¢

D1976-6K8GTX, \$1.30
Each
Laboratory built bantam tubes, specially designed and tested for high frequency communications receivers. Provides maximum signal gain and circuit stability. Replaces similar type octal base tubes.

Bantam Jr. Tubes
2" High, 3/4" dia. High seal-off base. Lowest battery drain. Long service. Miniature 5 pin gerv. Miniature 5 pin gerv.

Tube Type PRICE
D1977 HY123 \$1.71
D1978 HY145 2.45
D1979 HY155 2.45



Tube Prices
Are Subject to
Market Change

Tubes May Be
Assorted to Obtain
25-50 Lot Price

"G" Type Octal Base Glass Tubes

Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up	Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up
U4A-G	D770	\$1.60	\$0.86	\$0.80		6D8-G	D717	\$1.25	\$0.67	\$0.62	
CZ4-G	D742	1.25	.67	.62		6F5-G	D718	.80	.43	.40	
1A5-G	D767	1.25	.67	.62		6F6-G	D719	.80	.43	.40	
1A7-G	D768	1.25	.67	.62		6F8-G	D763	1.25	.67	.62	
1B7-G	D770	1.25	.67	.62		6G6-G	D704	1.25	.67	.62	
1C5-G	D709	1.25	.67	.62		6H6-G	D720	1.00	.54	.50	
1C7-G	D700	1.25	.67	.62		6J5-G	D721	.80	.43	.40	
1D5-GP	D701	1.25	.67	.62		6J7-G	D722	1.00	.54	.50	
1D5-GT	D780	1.25	.67	.62		6J8-G	D765	1.60	.86	.80	
1E4-G	D781	1.25	.67	.62		6K5-G	D723	.80	.43	.40	
1F7-GH	D740	1.60	.86	.80		6K6-G	D724	1.00	.54	.50	
1G4-G	D782	1.00	.54	.50		6K7-G	D725	1.00	.54	.50	
1G5-G	D743	1.25	.67	.62		6K8-G	D777	1.25	.67	.62	
1G6-G	D783	1.25	.67	.62		6L6-G	D727	1.60	.86	.80	
1H4-G	D708	.80	.43	.40		6L7-G	D728	1.25	.67	.62	
1H5-G	D771	1.00	.54	.50		6N6-G	D729	2.10	1.13	1.05	
1H6-G	D708	1.25	.67	.62		6N6MG	D730	1.60	.86	.80	
1N5-G	D772	1.25	.67	.62		6N7-G	D731	1.25	.67	.62	
1N6-G	D784	1.25	.67	.62		6P5-G	D778	.70	.38	.35	
1Q5-G	D786	1.25	.67	.62		6Q7-G	D734	.70	.38	.35	
2A4-G	D787	2.10	1.13	1.05		6R7-G	D733	1.25	.67	.62	
4A6-G	D773	1.60	.86	.80		6U7-G	D749	.80	.43	.40	
5U4-G	D744	1.00	.54	.50		6V6-G	D750	1.00	.54	.50	
5W4-G	D735	1.00	.54	.50		6V7-G	D751	1.25	.67	.62	
5Y3-G	D676	1.00	.54	.50		6W5-G	D757	1.25	.67	.62	
5Y4-G	D711	.60	.32	.30		6X5-G	D737	1.00	.54	.50	
5Y4-G	D712	.60	.32	.30		6Z5-G	D700	1.00	.54	.50	
5Z5MG	D766	1.60	.86	.80		25A6-G	D738	1.00	.54	.50	
6AC5-G	D762	1.00	.54	.50		25A7-G	D752	1.60	.86	.80	
6AF5-G	D677	1.25	.67	.62		25AC5G	D786	1.60	.86	.80	
6AFC-G	D778	1.25	.67	.62		25B6-G	D741	1.60	.86	.80	
6A8-G	D713	.80	.43	.40		25C6-G	D790	1.60	.86	.80	
6B4-G	D714	1.60	.86	.80		25L6-G	D753	1.25	.67	.62	
6B6-G	D715	1.00	.54	.50		25Z6-G	D739	.80	.43	.40	
6B8-G	D746	1.25	.67	.62		35Z6-G	D678	1.25	.67	.62	
6C8-G	D749	.80	.43	.40		50C6G	D679	1.60	.86	.80	
6C8-G	D747	1.25	.67	.62							

Standard Base Glass Tubes

Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up	Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up
01-A	D561	\$0.80	\$0.43	\$0.40		D811	\$1.25	\$0.67	\$0.62		
1-V	D563	.80	.43	.40		D812	1.25	.67	.62		
1A4P	D564	1.25	.67	.62		35/51	D813	.80	.43	.40	
1A4T	D562	1.25	.67	.62		D814	.80	.43	.40		
1A6	D565	1.25	.67	.62		D815	.70	.38	.35		
1B4/951	D566	1.25	.67	.62		D816	1.00	.54	.50		
1B5	D567	1.00	.54	.50		39/44	D817	.80	.43	.40	
1C6	D568	1.25	.67	.62		D818	.70	.38	.35		
1F4	D569	1.00	.54	.50		42	D820	.70	.38	.35	
1F6	D570	1.60	.86	.80		43	D821	1.00	.54	.50	
2A3	D571	2.10	1.13	1.05		45	D822	.70	.38	.35	
2A5	D573	.80	.43	.40		46	D823	1.00	.54	.50	
2A6	D574	.80	.43	.40		47	D824	1.00	.54	.50	
2A7	D575	1.00	.54	.50		48	D825	2.70	1.46	1.35	
2B7	D576	1.25	.67	.62		49	D826	1.00	.54	.50	
2E5	D577	1.25	.67	.62		52	D828	2.70	1.46	1.35	
5E3	D578	.80	.43	.40		53	D829	1.25	.67	.62	
6A3	D579	2.10	1.13	1.05		55	D830	1.00	.54	.50	
6A4/LA	D580	1.25	.67	.62		56	D831	.70	.38	.35	
6A6	D581	1.25	.67	.62		57	D832	.80	.43	.40	
6A7	D582	.80	.43	.40		58	D833	.80	.43	.40	
6A8B5	D660	1.60	.86	.80		59	D834	1.60	.86	.80	
6B5	D583	2.10	1.13	1.05		71A	D635	.80	.43	.40	
6B7	D584	1.25	.67	.62		75	D636	.70	.38	.35	
6C6	D585	.80	.43	.40		76	D637	.70	.38	.35	
6D6	D586	.80	.43	.40		77	D638	.80	.43	.40	
6E5	D587	1.00	.54	.50		78	D639	.80	.43	.40	
6E6	D588	1.60	.86	.80		79	D640	1.25	.67	.62	
6F7	D589	1.25	.67	.62		80	D641	.60	.32	.30	
6N5	D680	1.60	.86	.80		81	D642	1.60	.86	.80	
6G5/6U5	D662	1.00	.54	.50		82	D643	1.00	.54	.50	
6Z4	D592	1.00	.54	.50		83	D644	1.00	.54	.50	
12A	D596	.80	.43	.40		83V	D645	1.60	.86	.80	
12A5	D597	2.10	1.13	1.05		84	D592	1.00	.54	.50	
12A7	D598	1.60	.86	.80		85	D647	.80	.43	.40	
12Z3	D599	.80	.43	.40		89	D648	.80	.43	.40	
15	D600	1.60	.86	.80		V99	D649	2.70	1.46	1.35	
19	D601	2.25	.67	.62		X99	D650	2.70	1.46	1.35	
20	D602	1.00	.54	.50		182B	D651	1.60	.86	.80	
2A4	D604	.80	.43	.40		183/483	D652	1.60	.86	.80	
255	D567	1.00	.54	.50		482B	D663	1.60	.86	.80	
25Z5	D605	.80	.43	.40		485	D653	1.60	.86	.80	
26	D606	.60	.32	.30		950	D654	1.60	.86	.80	
27	D607	.60	.32	.30		BA	D655	6.50	3.51	3.25	
30	D608	.80	.43	.40		BH	D656	3.65	1.97	1.82	
31	D609	.80	.43	.40		BR	D657	2.65	1.43	1.32	
35Y5	D665	2.10	1.13	1.05		VR150	D666	2.50	1.35	1.25	
32	D610	1.25	.67	.62		RX885	D667	3.70	2.00	2.00	

All Metal Octal Base Tubes

0Z4	D818	\$1.60	\$0.86	\$0.80		65C7	D826	1.25	.67	.62	
5W4	D800	1.00	.54	.50		65F5	D827	1.00	.54	.50	
5T4	D668	1.60	.86	.80		65J7	D828	1.00	.54	.50	
5Z4	D801	1.25	.67	.62		65K7	D829	1.00	.54	.50	
6A8	D802	1.25	.67	.62		65Q7	D830	1.00	.54	.50	
6B8	D809	1.60	.86	.80		6V6	D821	1.60	.86	.80	
6C5	D804	1.00	.54	.50		6X7	D814	1.60	.86	.80	
6C5	D805	1.00	.54	.50		12C8	D831	1.60	.86	.80	
6F6	D806	1.00	.54	.50		12SA7	D832	1.25	.67	.62	
6H6	D807	1.00	.54	.50		12SC7	D833	1.25	.67	.62	
6J5	D822	1.00	.54	.50		12SF5	D671	1.25	.67	.62	
6J7	D808	1.00	.54	.50		12SJ7	D834	1.00	.54	.50	
6K7	D909	1.00	.54	.50		12SK7	D835	1.00	.54	.50	
6K8	D823	1.25	.67	.62		12SQ7	D836	1.00	.54	.50	
6L6	D810	1.60	.86	.80		25A6	D672	1.25	.67	.62	
6L7	D811	1.25	.67	.62		26L6	D820	1.25	.67	.62	
6N7	D812	1.25	.67	.62		25Z6	D817	1.25	.67	.62	
6Q7	D813	1.00	.54	.50		18S1	D673	3.90	2.10	2.10	
6R7	D815	1.25	.67	.62		18S2	D674	2.70	1.46	1.35	
6S7	D670	1.25	.67	.62		18S3	D675	2.70	1.46	1.35	
6SA7	D825	1.00	.54	.50							

"GT" Type Octal Base Glass Tubes

1A5GT	D880	1.00	.54	.50		6V6GT	D875	1.00	.54	.50	
1A7GT	D851	1.25	.67	.62		6X5GT	D885	1.00	.54	.50	
1C5GT	D852	1.25	.67	.62		12A8GT	D877	1.00	.54	.50	
1D5GT	D861	1.25	.67	.62		12B8GT	D878	1.60	.86	.80	
1D8GT	D681	2.10	1.13	1.05		12F5GT	D879	.80	.43	.40	
1H5GT	D853	1.00	.54	.50		12J5GT	D880	.80	.43	.40	
1W5GT	D854	1.25	.67	.62		12J7GT	D881	1.00	.54	.50	
1F5GT	D686	1.25	.67	.62		12K7GT	D882	1.00	.54	.50	
1Q5GT	D868	1.25	.67	.62		12Q7GT	D883	.80	.43	.40	
1T5GT	D856	1.25	.67	.62		12SA7GT	D884	1.25	.67	.62	
3A8GT	D682	2.10	1.13	1.05		12SF5GT	D886	1.00	.54	.50	
3Q5GT	D857	1.60	.86	.80		12SJ7GT	D886	1.00	.54	.50	
6A8GT	D858	.80	.43	.40		12SK7GT	D887	1.00	.54	.50	
6C5GT	D683	.80	.43	.40		12SQ7GT	D888	1.00	.54	.50	
6F5GT	D859	.80	.43	.40		25A6GT	D888	1.00	.54	.50	
6H4GT	D860	1.60	.86	.80		D890	1.60	.86	.80		
6H6GT	D862	1.00	.54	.50		25B8GT	D891	2.10	1.13	1.05	
6J5GT	D863	.80	.43	.40		25L6GT	D892	1.00	.54	.50	
6J7GT	D864	1.00	.54	.50		25Z6GT	D893	.80	.43	.40	
6K6GT	D865	1.00	.54	.50		32L7GT	D894	1.60	.86	.80	
6K7GT	D866	1.00	.54	.50		35L6GT	D895	1.00	.54	.50	
6K8GT											

RADIOTRON



All tubes are supplied in factory sealed cartons. Carry the same guarantee against electrical and mechanical defects as other well known brands. RCA transmitting tubes are listed on page 154. Radolek will supply you promptly

with all RCA Radio Test Instruments, Parts and Accessories at lowest prices. See Page 12 for RCA Test Instruments. RCA Phonograph parts shown on Page 93 and 95. Place your orders with Radolek for all RCA Items.

Tubes May Be Assorted To Obtain Quantity Price

Tube prices are subject to market change. Write for larger quantity prices.

R.C.A.

GLASS TUBES

Octal Base Glass "G" Type Tubes

Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up	Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up
00A	D155	\$2.10	\$1.13		\$1.05	32	D202	\$1.25	\$0.67		\$0.62
01A	D156	.80	.43		.40	33	D203	1.25	.67		.62
1A4P	D157	1.25	.67		.62	34	D204	1.25	.67		.62
1A6	D158	1.25	.67		.62	35/51	D205	.80	.43		.40
1R5	D162	1.60	.86		.80	36	D206	.80	.43		.40
1B4P	D160	1.00	.54		.50	37	D207	.70	.38		.35
1C6	D161	1.25	.67		.62	38	D208	1.00	.54		.50
1F4	D164	1.00	.54		.50	39	D209	.80	.43		.40
1F6	D165	1.60	.86		.80	40	D211	.70	.38		.35
1R5	D162	1.60	.86		.80	42	D212	.70	.38		.35
1S4	D168	1.00	.54		.50	43	D213	1.00	.54		.50
1S5	D173	1.60	.86		.80	44	D209	.80	.43		.40
1T4	D174	1.60	.86		.80	45	D215	.70	.38		.35
1-V	D163	.80	.43		.40	46	D216	1.00	.54		.50
2A3	D167	2.10	1.13		1.05	47	D217	1.00	.54		.50
2A5	D169	.80	.43		.40	48	D218	2.70	1.46		1.35
2A6	D169	.80	.43		.40	49	D219	1.00	.54		.50
2A7	D170	1.00	.54		.50	50	D220	2.10	1.13		1.05
2B7	D171	1.25	.67		.62	53	D221	1.25	.67		.62
28Z	D176	.80	.43		.40	55	D222	1.00	.54		.50
6A4	D176	1.25	.67		.62	56	D223	.70	.38		.35
6A6	D177	1.25	.67		.62	57	D224	.80	.43		.40
6A7	D178	.80	.43		.40	58	D225	.80	.43		.40
6AB5	D185	1.60	.86		.80	59	D226	1.60	.86		.80
6B5	D172	2.10	1.13		1.05	71A	D227	.80	.43		.40
6B7	D179	1.25	.67		.62	75	D228	.70	.38		.35
6C6	D180	.80	.43		.40	76	D229	.70	.38		.35
6D6	D181	.80	.43		.40	77	D230	.80	.43		.40
6E5	D182	1.00	.54		.50	78	D231	.80	.43		.40
6F7	D183	1.25	.67		.62	79	D232	1.25	.67		.62
6G5	D184	1.00	.54		.50	80	D233	.60	.32		.30
6N5	D246	1.60	.86		.80	81	D234	1.60	.86		.80
6U5	D184	1.00	.54		.50	82	D235	1.00	.54		.50
10	D187	2.70	1.46		1.35	83	D236	1.00	.54		.50
112A	D190	.80	.43		.40	83V	D237	1.60	.86		.80
12A7	D186	1.60	.86		.80	84	D238	1.00	.54		.50
12Z3	D191	.80	.43		.40	85	D239	.80	.43		.40
15	D192	1.60	.86		.80	89	D240	.80	.43		.40
19	D193	1.25	.67		.62	87A	D243	2.70	1.46		1.35
24A	D196	.80	.43		.40	87C	D244	2.00	1.13		1.05
25Z5	D197	.80	.43		.40	87D	D250	2.70	1.46		1.35
26	D198	.60	.32		.30	88A	D251	3.76	2.00		2.00
27	D199	.60	.32		.30	88S	D252	3.75	2.00		2.00
30	D200	.80	.43		.40	VR105-30	D253	2.30	1.25		1.25
31	D201	.80	.43		.40	VR150-30	D254	2.30	1.25		1.25

Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up	Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up
0A4G	D357	\$1.60	\$0.86		\$0.80	6B8G	D320	\$1.25	\$0.67		\$0.62
0Z4G	D337	1.25	.67		.62	6C5G	D289	.80	.43		.40
1A5G	D334	1.25	.67		.62	6C8G	D328	1.25	.67		.62
1A7G	D339	1.25	.67		.62	6D8G	D321	1.25	.67		.62
1C5G	D340	1.25	.67		.62	6F5G	D290	.80	.43		.40
1C7G	D302	1.25	.67		.62	6F6G	D291	.80	.43		.40
1D5GP	D303	1.25	.67		.62	6F8G	D329	1.25	.67		.62
1D7G	D304	1.25	.67		.62	6G5G	D330	1.25	.67		.62
1E5GP	D316	1.25	.67		.62	6H6G	D282	1.00	.54		.50
1E7G	D305	2.10	1.13		1.05	6J5G	D318	.80	.43		.40
1F5G	D306	1.25	.67		.62	6J7G	D293	.80	.43		.40
1F7GV	D307	1.60	.86		.80	6K5G	D312	.80	.43		.40
1G4G	D280	1.00	.54		.50	6K6G	D313	.80	.43		.40
1G5G	D326	1.25	.67		.62	6K7G	D294	.80	.43		.40
1G6G	D281	1.25	.67		.62	6L5G	D322	1.00	.54		.50
1H4G	D308	.80	.43		.40	6L6G	D314	1.60	.86		.80
1H5G	D341	1.00	.54		.50	6L7G	D295	1.25	.67		.62
1H6G	D309	1.00	.54		.50	6N6G	D282	2.10	1.13		1.05
1J6G	D310	1.25	.67		.62	6N7G	D296	1.25	.67		.62
1N5G	D342	1.25	.67		.62	6P5G	D283	.70	.38		.35
2A4G	D255	2.10	1.13		1.05	6Q7G	D297	.70	.38		.35
2V3G	D256	3.00	1.95		1.95	6R7G	D298	.80	.43		.40
5U4G	D317	1.00	.54		.50	6S7G	D303	1.25	.67		.62
5V4G	D285	1.60	.86		.80	6T7G	D324	1.25	.67		.62
5X4G	D286	1.00	.54		.50	6U7G	D331	.80	.43		.40
5Y3G	D287	.60	.32		.30	6V6G	D319	1.00	.54		.50
5Y4G	D311	.60	.32		.30	6X5G	D299	1.00	.54		.50
6A5CG	D327	1.00	.54		.50	6Y7G	D260	1.60	.86		.80
6A6G	D288	.80	.43		.40	6ZV5G	D334	1.00	.54		.50
6AD7G	D257	1.25	.67		.62	6300	D300	1.00	.54		.50
6AE6G	D258	1.25	.67		.62	25B6G	D315	1.60	.86		.80
6AF6G	D343	1.25	.67		.62	25L6G	D325	1.25	.67		.62
6B6G	D345	1.00	.54		.50	25Z6G	D301	.80	.43		.40

"GT" Type Tubes

Loctal Tubes

Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up
1A7GT	D401	\$1.25	\$0.67		\$0.62
1C5GT	D448	1.25	.67		.62
1D8GT	D402	2.10	1.13		1.05
1H5GT	D403	1.00	.54		.50
1N5GT	D404	1.25	.67		.62
1P5GT	D449	1.25	.67		.62
1Q5GT	D405	1.25	.67		.62
1T5GT	D406	1.25	.67		.62
2A8GT	D407	2.10	1.13		1.05
3Q5GT	D194	1.60	.86		.80
6AE5GT	D451	1.60	.86		.80
6A8GT	D344	1.00	.54		.50
6F5GT	D407	.80	.43		.40
6J5GT	D408	.80	.43		.40
6L7GT	D409	1.00	.54		.50
6K6GT	D440	1.00	.54		.50
6K7GT	D346	1.00	.54		.50
6Q7GT	D347	.80	.43		.40
6V6GT	D441	1.00	.54		.50
6X5GT	D406	1.00	.54		.50
2A8GT	D349	1.00	.54		.50
2F5GT	D442	.80	.43		.40
12J5GT	D443	.80	.43		.40
12K7GT	D350	1.00	.54		.50
12Q7GT	D351	.80	.43		.40
25AC5GT	D407	1.60	.86		.80
25L6GT	D356	1.00	.54		.50
25S6GT	D353	.80	.43		.40
35L6GT	D354	1.00	.54		.50
35Z6GT	D355	.70	.38		.35
35Z5GT	D445	.80	.43		.40
45Z5GT	D408	1.00	.54		.50
50L6GT	D448	1.25	.67		.62
50Y6GT	D465	1.00	.54		.50
70L7GT	D488	2.10	1.13		1.05
117Z6GT	D491	1.60	.86		.80
117N7GT	D492	2.10	1.13		1.05

Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up
7A6	D417	\$1.25	\$0.67		\$0.62
7A7	D410	1.25	.67		.62
7A8	D411	1.25	.67		.62
7B5	D499	1.25	.67		.62
7B6	D362	1.25	.67		.62
7B7	D412	1.25	.67		.62
7B8	D282	1.25	.67		.62
7C5	D283	1.25	.67		.62
7C6	D413	1.25	.67		.62
7C7	D261	1.25	.67		.62
7Y4	D414	1.25	.67		.62
35A5	D415	1.25	.67		.62
35Z3	D416	1.25	.67		.62

Radio Tube Manual

192 Pages of complete information covering all current types of receiving tubes. Contains charts, diagrams, theory, circuit design data and other very useful information. Size, 5 1/2 x 8 1/2.

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Octal Base Metal Tubes

Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up	Type Num.	Stock Num.	List Price	Your Price	1-14	15-Up
0Z4	D388	\$1.80	\$0.86		\$0.80	65F5	D391	\$1.00	\$0.54		\$0.50
5T4	D350	.60	.32		.30	65J7	D392	1.00	.54		.50
5W4	D360	1.00	.54		.50	65K7	D393	1.00	.54		.50
5Z4	D361	1.25	.67		.62	65Q7	D394	1.00	.54		.50
6A8	D365	1.25	.67		.62	65R7	D358	1.00	.54		.50
6AE7	D378	2.70	1.46		1.35	6V6	D387	1.60	.86		.80
6AC7	D379	2.70	1.46		1.35	6X5	D377	1.60	.86		.80
6AC7	D380	2.70	1.46		1.35	12C8	D395	1.60	.86		.80
6B8	D354	1.60	.86		.80	12K8	D381	1.25	.67		.62
6C5	D366	1.00	.54		.50	12SA7	D386	1.25	.67		.62
6F5	D367	1.00	.54		.50	12SC7	D397	1.25	.67		.62
6F6	D368	1.00	.54		.50	12SF5	D396	1.00	.54		.50
6H6	D369	1.00	.54		.50	12SJ7	D398	1.00	.54		.50
6J5	D363	1.00	.54		.50	12SK7	D399	1.00	.54		.50

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Direct Reading Tube Checkers for Tubes of Today and Tomorrow With "Red Dot" Meter



Model 432A and Model 432A-742 tube checkers are supplied with the famous Triplet "Red Dot" lifetime guaranteed Meters as your assurance of life time service. No tester is better than the meter used in it. Triplet makes only quality Instruments and uses the "Red Dot" insignia to bring to your attention the quality construction of these instruments.

Model 432A

D17027—As illustrated at left.
Size 9x8½x17".
YOUR PRICE \$17.49

D17014 — With tool and parts compartment in case.
Size 9½x10¼x6¾".
YOUR PRICE...\$18.47

The outstanding tube tester buy—quality without extravagance. Designed to test the tubes of tomorrow as well as today. A safeguard against further tube changes is provided by the flexible filament switching arrangement giving any voltage from 1 to 120. Tester has sockets for Loctal, Single Ended, Bantam Jr., Gaseous Rectifier, Ballast and all regular tube types. Separate plate tests on neon shorts indicator instantly shows the slightest shorts and leakages. The large 3" square "Red Dot" Triplet Precision Meter has a 1 M.A. D'Arsonval movement with direct reading 3 color scale and best quality sapphire jewel bearings. Separate line voltage meter permits constant line voltage indication and control without readjusting controls. The instrument is designed for professional appearance as well as simple operation. Modernistic etched panel in silver and black. Housed in portable leatherette covered carrying case with removable hinged cover—suitable for either counter or portable use. Up-to-date charts are furnished as new tubes appear. Complete with operating instructions. For 105-120 volt, 60 cycle AC operation.

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Model 432A-742

Has Built-In Volt-Ohm Milliamper Tester

D17029—In case as illustrated at right. Size 12¼x8½x7½".
YOUR PRICE.....\$26.31

D17013 — In case with compartment for parts and tools. Size 13x10¼x7".
YOUR PRICE.....\$27.29

This Tube Tester-Volt-Ohm-MA Tester Combination gives the serviceman everything he could expect from separate units. An outstanding quality model at a price within reach of everyone. The tube testing unit is exactly identical with model 432A listed at left. The Volt-Ohm-MA section is a separate panel with range selector switch, ohmmeter zero adjuster and jacks. Ranges provided: AC-DC Volts, 0-10-50-250-500-2500 (DC at 1000 o.p.v.). DC Milliamperes, 0-1-10-100. Resistance: .5 to 500 ohms (25 mid-scale), 0-100,000 ohms and 0-1½ megohms. Ohmmeter is battery operated. The circuit is favored by servicemen who demand more accuracy than obtained from ordinary ohmmeter power supply circuits. Both units are housed together in attractive black leatherette covered case with removable hinged cover... suitable for either counter or portable use. Panels are etched and finished in silver and black. Complete with test leads and instructions. Less battery, use 1½v. flashlight type.



"Big Boy" Volt-Ohm-Milliammeter

With 6" Scale Meter
Model 860

D17012—Model 860. Complete with test leads and instructions. Battery provided for ohms ranges up to 100,000 ohms. (Has provisions for self-contained 22½ volt C battery for higher ohm ranges).
YOUR PRICE.....\$17.49

Incorporates a fine quality giant 6 inch scale D'Arsonval movement type meter featuring two genuine sapphire jewel bearings. All scales are easily and readily readable. Range: DC Volts, 0-10-50-250-500-1000-1000 o.p.v.; AC Volts, 0-10-50-250-1000 at 400 o.p.v. DC Ma., 0-1-10-100. Resistance, 0-500-100,000-1.5 megohms with zero adjustment. Selector switch makes all ranges instantly available at three tip jacks. Attractively designed metal case finished in maroon with cream-yellow panel and red trim and markings. Size 11½x7½x4¼". Attached handle for carrying.

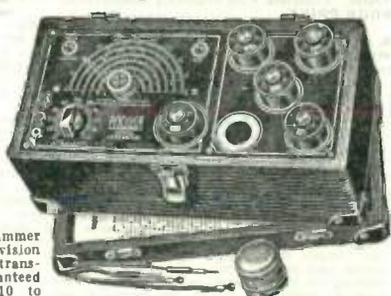


Model 557 All Wave Signal Generator

Direct Reading

A17004 — Complete Signal Generator to tune from 110 to 20,000 Kc. Batteries, cables, tubes and instructions included. List Price, \$31.50.
YOUR PRICE \$18.52

Covers from 110 Kc. to 20 Mc. all on fundamental frequencies. Each of the five plug-in coils supplied is calibrated by an exclusive method of peaking with built-in trimmer condensers. Large full vision direct reading dial with translucent dial pointer. Guaranteed Accuracy of 1% from 110 to 3,000 Kc.; 2% for higher frequencies. Separate radio and audio generator stages. Free from frequency shift due to output attenuation or battery voltage. Completely shielded from static and magnetic fields. Effective attenuation and stability together with strong signal strength either modulated or unmodulated. Supplied complete with two type '30 laboratory tested aged tubes and all batteries. Size 12"x6½"x5½" high. The instrument is housed in an all metal case and placed in a fabricoid covered carrying case.



Radio Set Analyzers

Model 710A

D17026—Model 710A. Complete with analyzer plug and cable, adaptors and test leads.
YOUR PRICE.....\$16.17

Checks all parts of radio tube circuits by plugging directly into the receiving set socket. For all 4-5-6-7 and octal prong tube types except loctals and miniature types (loctal adaptors must be purchased separately). Ranges: DC Volts, 0-15-60-300-600; DC Mills., 0-15-150; and AC Volts, 0-10-140-700. Selector switch and jacks are provided to make individual range connections for each of the three meters. Black leatherette covered case. Size, 11"x8½"x4".



Model 720A Point to Point Set Analyzer

Measures resistance, capacity, continuity and voltage of any tube circuit. Point-to-Point tests are made by plugging into the receiving set sockets. Accommodates all 4, 5, 6, 7 and octal prong tubes except loctals and miniature types (loctal adaptors must be purchased separately). Tester socket terminals are arranged to RMA standards, making it unnecessary to remove chassis from cabinet. Rotation of tube elements does not affect tests. Has two meters—DC scale reading 15-150-300-600 volts, 15-150 milliamperes; AC scale reading 10-25-150-750 volts. Black leatherette covered case similar to above in appearance. Size, 11"x8"x4¼". Removable hinged cover.

D17021—Model 720-A. Complete with Analyzer cable, 5 adaptors and test leads.
YOUR PRICE.....\$14.70

D17022—Model 730-A. Same as Model 720-A, but has Triplet DC voltmeter at 1,000 o.p.v.
YOUR PRICE.....\$18.23

D12053—Socket Adapter 73c

D12054—Plug Adapter \$1.18

Readrite Volt-Ohm Milliammeters

With Triplet "Red Dot" Meters

A quality constructed volt-ohm-milliamper tester at an exceptionally low price. Attractive molded case has corners rounded with modernistic silver and black panel. Precision life-time guaranteed 3" Sq. D'Arsonval movement meters have 2 genuine sapphire jewel bearings and zero scale adjustment screw. Range selector switch provides: AC-DC volts, 0-15-150-750-1500 (DC at 1000 o.p.v.). DC Milliamperes, 0-1½-15-150. Ohms, 0-500 (25 ohms at mid-scale), and 0-500,000. Has ohmmeter adjuster for battery deterioration. Case size: 3½x5½x2¼".

C17030—Model 739. Complete with test leads, battery and instructions.
YOUR PRICE.....\$9.70

C17031—Model 738. Same as above Model 739 but does not have AC voltage ranges.
YOUR PRICE.....\$7.35

Model 612 Multi-Tester

A universal wide range instrument. Has "Red Dot" life-time guaranteed Triplet AC repulsion type 3" sq. meter with two genuine sapphire jewel bearings. Ranges: AC-DC Volts, 0-15-150-450 at 60 ohms per volt sensitivity; AC-DC Mills., 0-15. Capacity, .01 to 20 Mfd. Ohms, 0-20,000-100,000 with zero adjuster. Does not use batteries; current source is obtained from AC-DC line. Selector switch. Black molded case. Size, 3½x5½x2¼".

C17015—Model 612. Complete with test leads, cord and plug.
YOUR PRICE.....\$7.79



Carrying Case

C17016—For Models 738-739-612. All leather case with strap carrying handle. Has space for accessories.

YOUR PRICE.....\$3.53

TRIPLETT INSTRUMENTS

Now On Time Payments

All instruments listed below, except Model 1181-B, contain the new Triplett "Red Dot" Life-time Guaranteed Meter as your assurance of life time service.

Model 1612 Modernistic Tube Tester



New Streamline Design

Modernistic heavy steel case is beautifully finished in baked-on silvered grey suede enamel with trimming and controls in maroon. For 105-120 volt 50-60 cycle AC operation.

New Low Price—Superlative Features

With Large 6" Scale Square Meter
And Roll Chart for Speed and Convenience

C17036—Model 1612 for Counter use. Size, 15 1/4 x 11 1/2 x 8" \$29.24
YOUR PRICE.....
Or \$4.50 Down and \$3.70 for 8 Months.

C17044—Model 1613 for Portable and Counter use. Has metal detachable cover with carrying handle. Size, 12 1/2 x 10 1/2 x 6 1/2" \$34.14
YOUR PRICE.....
Or \$5.25 Down and \$4.35 for 8 Months.

Graceful, flowing, streamline appearance, color contrast and the new low price. Will instantly appeal to the dealer and serviceman. Includes many features incorporated in higher priced Triplett Tube Testers. The large square "Red Dot" quality, life-time guaranteed meter has direct reading 6" scale and two sapphire jewel bearings. Illuminated roll chart indicates all control settings. Completely protected against obsolescence. Tests all tubes including octals, Locals, single ended, Bantam Jr., gaseous rectifiers, new high voltage series, pilot and pilot lamps. Filament voltages from 1 to 120 volts are available. Separate line voltage meter eliminates necessity of readjustment of controls. Has jack for using headphones for noise indication (no headphones included). Complete shorts and leakage tests are provided with neon bulb indication. Anyone can make tube tests with the greatest speed and accuracy.

Anti-Obsolescence Tube Testers

New Sectional Panel Design With Large 6" Square Meter

Model 1620

D17057—Model 1620 Counter Model Tube Tester. Complete with operating instructions. \$37.08
YOUR PRICE.....
Or \$5.70 Down and \$4.75 for 8 Months

A sensational new tube tester with every facility for convenience of operation and non-obsolescence due to future tube releases. Constructional features include spare socket and three sectional front panel, either section of which may be changed individually, at minimum cost, should now unlooked for new tube releases ever require it. New lever type, highly flexible switching system, provides individual connections for each tube element. Simple to operate. Socket panel accommodates all present receiving tubes including octals, Locals, Bantam, Jr. and all miniature types. Filament voltages from 1.1 to 110 volts are provided. Large 6" square D'Arsonval movement, direct reading, "Red Dot" Lifetime Guaranteed meter indicates tube quality. Phone jack is provided for noise tests. Neon shorts indicator shows slightest shorts and leakages. Separate line voltage meter permits constant observation of line voltage fluctuation. Speed roll chart indicates all control and switch lever settings. Chart can be quickly removed for replacement and is furnished free should new tubes be announced during the period of one year after purchase. Impressively designed natural finish wood case. Brown-tan finish sloping panel with ivory knobs and sockets and polished chrome trim with inlaid color. Size 18 1/2 x 10 1/2 x 6 1/2". For 105-120 volt 50-60 Cycle AC operation.



For 105-120 Volt 60 Cycle AC Operation

Model 1621 Tube Tester

Counter type tube tester identical to above Model 1620 except more compactly constructed and uses a 4" square meter. Can quickly be converted for portable use by inserting into carrying case listed below. Size 12 1/2 x 11 1/2 x 10".

D17058—Model 1621. Counter Model illustrated at left. No carrying case included. \$34.14
YOUR PRICE.....
Or \$5.25 Down and \$4.35 for 8 Months

Carrying Case for Model 1621

D17059—Portable Carrying Case with removable hinged cover for Model 1621. Durably finished in snappy two-tone tweed cloth. \$4.90
YOUR PRICE.....

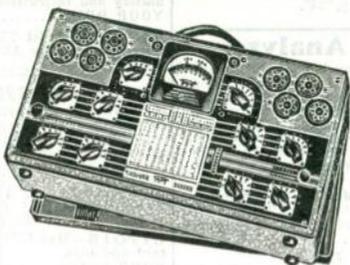


Anti-Obsolescence Vibrator Tester

Model 1672

D17033—Model 1672 DeLuxe Vibrator Tester with all accessories and instructions. \$29.24
YOUR PRICE.....

Or \$4.50 Down and \$3.70 for 8 Months
Checks all standard 8 volt auto and home radio type vibrators. Tests are made under actual operating conditions. Easy to use. Roll chart indicates setting of all controls. Practically obsolescence proof. Individual element switches provide for testing new vibrators regardless of socket arrangement. Square case, lifetime guaranteed, 3" meter has three scales: (1) 0-10 volt scale shows input voltage supplied to vibrators; (2) 0-100 scale shows percentage of output voltage as reflected by change in input voltage; (3) Good-Bad scale indicates condition of output. Fused against damage from shorted vibrators. Blue-gray suede-enamel finished metal carrying case with snap-on cover. Attractive three tone panel. Size, 14 1/2 x 7 1/2 x 4 1/2".



Model 666H Universal Volt-Ohm-Milliammeter

Molded Bakelite Case

C17045 YOUR CASH PRICE..... \$14.20

Or \$2.20 Down and \$1.80 for 8 Months on total purchase of \$25.00

Exceptionally compact AC-DC Volt, Ohm, and Milliammeter; easily fits into the pocket. Service engineers will find it especially useful and convenient. Contains sensitive 0-400 micro-ammeter. "Red Dot" life-time guaranteed, D'Arsonval movement, 8" square meter with zero adjustment. Ranges: AC-DC Volts, 0-10-50-250-1000-5000 at 1000 ohms per volt AC and DC. DC ma., 0-10-100-500. Resistance, 0-300-250-000 ohms. Zero ohms adjustable for compensating battery deterioration. Rotary selector switch selects any desired range. Test leads include attachable alligator clips. Entire case of molded bakelite. Size: 3 1/2 x 5 x 2 1/4".



C17037—Model 666. Identical to above except has ranges: AC-DC Volts, 0-10-50-250-500-1000. DC Ma., 0-1-10-50-250. Resistance, 0-300-250-000 ohms. YOUR PRICE..... \$13.72

Or \$2.10 Down and \$1.75 for 8 Months On Total Purchase of \$25.00.

Carrying Case

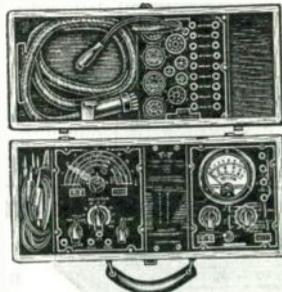
A good quality leather carrying case. Protects your smaller portable instruments. Fitted with leather carrying handle and snap fastener. 6 1/4" wide, 2 1/4" deep. Rich looking black finish.

D15839—Model 666. \$3.59
YOUR PRICE.....

Triplett Model 1181-C

Portable Laboratory

With Volt-Ohm-Milliammeter, Set Analyzer and Battery Operated Signal Generator



D17038—Model 1181-C. Portable Laboratory. Complete with test leads, adapters, batteries and operating instructions. \$43.94
YOUR PRICE.....

Or \$6.75 Down and \$5.50 for 8 Months.

Three instruments combined in one case for complete circuit analysis. Well adapted for servicing radios in rural districts. Includes:

Point to Point Test

Model 1125-A Universal Volt-Ohm-Milliammeter for testing receiver circuits directly at the receiver when accessibility permits, thus locating trouble quickly. 3 1/4" 400 microammeter has 16 scale readings; AC-DC volts: 0-15-75-150-750 at 1000 ohms per volt; DC ma.: 0-1-5-15-150; AC ma. 0-15-150; ohms: 0-1500-1.5 and 3 meg. All ranges controlled by selector switch.

Standard Analysis

Auxiliary Set Tester Model 1168C for free-point test and receiver analysis. For localizing set trouble without removing chassis from cabinet. Invaluable for estimating service costs. Includes test for new octal, local, bantam and all miniature radio receiving tubes.

Overall Performance

Model 1151B new improved All-Wave Oscillator for alignment testing tubes and methods of increasing overall gain. Oscillator covers all frequencies from 115 KC to 18 MC with four bands. 180° Dial is directly calibrated in frequencies. Has self-contained batteries. One case has removable cover. Size: 16 1/2 x 7 1/2 x 4 1/4". Ship. wt. 17 lbs.

TRIPLETT TESTERS *with the Famous "Red Dot"* Life-Time Guaranteed Meters

Triplet Now on Time Payment

Any Triplet instrument either singly or in combination with other Triplet instruments to make a total of \$25.00 or more can be purchased on time. Use the pink time payment order blank bound into catalog at page 34 when placing order on time payment basis.

Volt-Ohm-Milliammeters With Tilting Meter Model 1200A



C17046—
YOUR PRICE **\$21.40**
Or \$3.30 Down and \$2.70 for 8 Months.

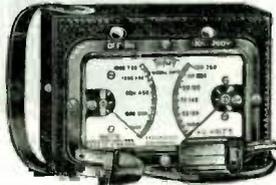
Has separate AC and DC "Red Dot" lifetime guaranteed meters in tilting type case. Scale reading: AC-DC Volts, 0-10-50-250-500-1000 at 2000 ohms per volt; DC Ma., 1-10-50-250; Resistance, 0.5-500 ohms with 15 ohm reading in center of scale, 0-1500 ohms, and 0-1.5-3 megohms. Resistance measurements have individual zero adjustment. Selector switch for all instrument readings. Contains 2 1/2 and 1 1/2 V. batteries. Test leads included. Black suede enamel finished metal carrying case with snap-on protective cover. Size, 7 1/2" x 6 1/2" x 5 7/8".

Model 1200E 25000 Sensitivity

C17047— Same as above except has 25,000 ohms per volt sensitivity on DC volt range. Also measures 0-50 microamps, and up to 40 megohms resistance. YOUR PRICE **\$25.32**
Or \$3.90 Dn. & \$3.20 for 8 Months.

Model 1200C
C17050— Similar to 1200A except 5000 o.p.v. Also tests 0-250 microamps and 0-7 1/2 megohms. YOUR PRICE **\$22.38**
Or \$3.45 Dn. & \$2.80 for 8 months.

Triplet Portable Appliance Tester



Model 2000
Provides quick and accurate means of testing power consumption of radios and all electrical household appliances. Tester contains a "Red Dot" life-time guaranteed watt-meter and voltmeter in a twin instrument style case for checking line voltages and wattage simultaneously. Ranges: 0-750 Watts at 110 volts, 0-1500 watts at 220 volts (Current rating 0-7.5 amperes). Dual Voltmeter scale reads 0-130 and 0-260 Volts. Instrument may be used on either AC or DC lines varying from 110 to 220 volts without appreciable error. Has cord to plug into wall socket and female receptacle for appliance under test. On-off switch cuts wattmeter in or out of circuit. **C17056—** Triplet Model 2000. In heavy leather carrying case with a leather protective flap to fold over the instrument meter. Has space for all accessories included. Size 6 1/2" x 1 1/2" x 3 1/2". YOUR PRICE **\$18.94**
Or \$2.90 Down and \$2.30 for 8 Months
On Total Purchase of \$25.00

error. Has cord to plug into wall socket and female receptacle for appliance under test. On-off switch cuts wattmeter in or out of circuit.

C17056— Triplet Model 2000. In heavy leather carrying case with a leather protective flap to fold over the instrument meter. Has space for all accessories included. Size 6 1/2" x 1 1/2" x 3 1/2". YOUR PRICE **\$18.94**
Or \$2.90 Down and \$2.30 for 8 Months
On Total Purchase of \$25.00



Signal Generators Models 1231A-1232A

C17041— Model 1231A. Battery Operated. With batteries. YOUR PRICE **\$26.95**
Or \$4.10 Down and \$3.40 for 8 Months
C17042— Model 1232A. For 110 volt 60 cycle AC operation. YOUR PRICE **\$29.24**
Or \$4.50 Down and \$3.70 for 8 Months
Six bands cover 115 Kc. to 30.5 Mc., on fundamentals. Direct reading dial. Frequency stabilizing circuit. 400 Cycle note modulates output signal approximately 50%. Audio use can also be used alone. Continuously variable attenuator circuit with three tip jacks. Completely shielded. Line filter and band selector switch. Metal carrying case with protective cover. Black suede finish. Size, 7 1/2" x 6 1/2" x 5 7/8".

Frequency stabilizing circuit. 400 Cycle note modulates output signal approximately 50%. Audio use can also be used alone. Continuously variable attenuator circuit with three tip jacks. Completely shielded. Line filter and band selector switch. Metal carrying case with protective cover. Black suede finish. Size, 7 1/2" x 6 1/2" x 5 7/8".



Tube Tester Model 1213

C17043— For 100-130 volts, 50-60 cycle operation. YOUR PRICE **\$21.56**
Or \$3.30 Down and \$2.70 for 8 Months,
On Total Purchase of \$25.00.

Tests all present day tubes, including Locals, Bantam Jrs., new high voltage series, single ended types, gaseous rectifiers, ballasts and pilot lamps. Provides filament voltages of from 1 to 110 volts. Large 3" Triplet lifetime guaranteed direct reading meter. Neon short indicator. Simple to operate. Only four controls used for tube tests. Chart shows all control settings. Separate shadow type AC line meter. Black enamel suede finished carrying case with snap-on cover. Size, 7 1/2" x 6 1/2" x 5 7/8".

Combination Tube and Set Testers

Model 1183

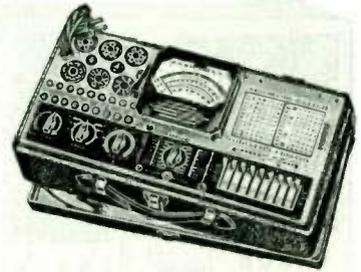
D17060— Combination Tube Tester, Volt-Ohm-Milliammeter and Free Point Tester. YOUR PRICE **\$48.84**
Or \$7.50 Down and \$6.20 Monthly for 8 Months.

Model 1184

D17062— Combination Tube Tester and Volt-Ohm-Milliammeter only. YOUR PRICE **\$43.94**
Or \$6.72 Down and \$5.60 Monthly for 8 Months.

Model 1182

D17063— Tube Tester Only. YOUR PRICE **\$34.14**
Or \$5.25 Dn., \$4.35 for 8 Mos.



An attractively styled tube tester housed in portable metal carrying case. Model 1183 and 1184 incorporate a complete Volt-Ohm-Milliammeter tester. Model 1183 also includes a Free Point Analyzer built into the removable cover. A 4" "Red Dot" Lifetime Guaranteed meter is used on all models. Tube Tester tests all tubes including local and miniature types regardless of filament voltage. Neon shorts indicator. Lever type switch gives individual control for each tube prong. Roll chart indicates control settings. Volt-Ohm-Milliammeter ranges: AC and DC Volts, 0-10-250-500-1000 at 1000 o.p.v. on DC. DC Ma., 0-1-10-50-

250. Ohms 0-500-1500-150,000-1,500,000. Free Point Set Analyzer makes all series and parallel meter connections at tester. Simply plug analyzer cable into tube socket and tube into analyzer socket. Takes all tubes, but plug adapters for analyzer cable must be purchased separately for local and miniature types. Metal case finished in brown suede with three tone panel. Detachable cover included. Size 14 1/2" x 7 1/2" x 4 1/2". For 110 volts, 60 cycle AC operation. Complete with accessories and instructions. Local and miniature cable adapters for above. Specify Type. YOUR PRICE, Each **\$1.64**

Automatic Volt-Ohm-Milliammeter

Push Button Operated 25,000 Ohms Per Volt DC Model 1200F

D17061— Model 1200F. Complete with accessories and instructions. YOUR PRICE **\$27.28**
Or \$4.20 Down and \$3.50 Monthly for 8 Months.

Push button switch instantly selects desired range. High sensitivity of DC ranges permit this instrument to be used on extremely low current circuits. Ranges available: AC and DC volts, 0-10-50-250-500-1000 at 25,000 o.p.v. on DC and 1000 o.p.v. on AC. DC Ma., 0-1-10-50-250. DC Microamps, 0-50. Resistance, 0-500-300,000 ohms and 0-3-30 megohms. Self contained battery and triple zero ohms adjusters. Output readings available on AC volt ranges thru .5 mfd. condenser and separate jacks. High quality "Red Dot" life-time guaranteed 4" square meter. Plug-in rectifier. Sturdy metal carrying case with snap-on cover. Finished in brown suede enamel with three tone panel. Size 7 1/2" x 6 1/2" x 5 7/8".



"Little Triplets" Pocket Meters

The Little Testers With The Big 3 Inch Meters

A complete series of matched pocket size testers. Each instrument is completely self contained and incorporates a Triplet 3 inch sq. "Red-Dot" Lifetime Guaranteed, D'Arsonval movement meter. Large easily readable scales. Red milled cases, size 3 1/2" x 5 1/2" x 2 1/2". Panels are ivory with red markings and trim. Selector switch used on all models except ammeters instantly selects desired range. No test leads included. YOUR PRICE, Each **\$8.82**
Any Type Below



D17162— Model 673—AC Voltmeter, rectifier type. Ranges 0-5-10-25-50-100-250-500-1000 AC volts.
D17163— Model 675—DC Milliammeter. Ranges 0-1-5-10-25-100-250-500-1000 DC Milliamperes.
D17164— Model 676—DC Microammeter. Ranges 0-50-100-250-500-1000 DC microamperes. External resistors can be used in series with this meter to provide highly sensitive voltmeter readings at 20,000 ohms-per-volt.
D17165— Model 677—DC Voltmeter. Ranges 0-1-2.5-5-10-25-50-100-250-500-1000 DC Volts at 1000 ohms per volt sensitivity.
D17166— Model 678—Ohmmeter. With self contained batteries for readings from .2 ohms to 10 megohms. Ranges: 0-1000-10,000-100,000 ohms and 0-1-10 megohms. Has 10 ohm center scale reading on the 1000 ohm scale

D17167— Model 674—DC Ammeter. Ranges 0-1-2.5-5-10-25 DC amperes. Equipped with 6 terminal posts instead of selector switch.

D17168— Model 670—Three Range AC Voltmeter for general power line testing. Ranges 0-150-300-750 AC volts.

D17169— Model 671. AC Milliammeter. Ranges 0-5-10-25-50-100-250-500-1000 AC milliamperes.

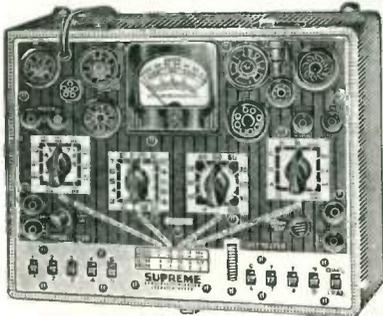
D17170— Model 670—AC Ammeter. Ranges 0-1-2.5-5-10-25 AC amperes. Equipped with 6 terminal posts instead of selector switch. (For use on 60 cycles).

Carrying Case for Above
D17171— Carrying case with compartment. Holds any three "Little Triplets" listed above. Size 10 1/2" x 8 1/2" x 3 1/2". YOUR PRICE **\$2.45**

SUPREME INSTRUMENTS

Easiest Installation Terms

Model 589 Tube and Battery Tester



Portable Model With 4" Meter
D 7077—
YOUR CASH PRICE \$29³⁵
 Or \$4.00 down and \$3.63 monthly for 8 months.
Counter Model With 7" Meter
D 17078—
Your Cash Price \$39¹⁵
 or \$4.50 down and \$4.39 monthly for 9 months.
Counter Model With 9" Meter
D 17079—
Your Cash Price \$41⁶⁵
 Or \$5.00 down and \$4.18 monthly for 10 months.

11 1/4 x 9 1/4 x 5 5/8"

Tube Testing Circuit Tests every type tube from 1.4 volts to 117 volts, at correct plate potential and impedance load. Tests separate sections in multi-purpose tubes. Checks leakages, shorts, noise, open elements and filament continuity. Fastest and easiest to operate—simply follow arrows to proper settings indicated by correlated roll chart. Headphones may be used for noise test. Large English reading meter scale, illuminated in the 7" and 9" models which also have both standard 200M ohm and super-sensitive 2 meg., hot leakage test. Patented Double Floating Filament Return Selector Switch automatically allows rearranging of tube element connections to any possible tube base arrangement—your best possible assurance against obsolescence resulting from subsequent new tube releases. Complete information covering switch settings and testing of new tubes is supplied at least every 3 months, for one year, at no extra charge.

Battery Testing Circuit makes all tests under proper load for battery being tested. Battery condition is read on plainly marked English reading scale. Tests all type 1.5, 4.5, 6.0, 45 and 90 volt portable radio and flashlight types. Supreme engineering and construction plus the best materials the market affords, make the 589 your biggest dollar value. Portable Model: durably housed in attractive luggage type case. Counter Model: housed in black wrinkle finished metal case with chrome trim. Instrument panel has ribbed background offset by satin finished highlights, with bright red arrow-ways. Bakelite housed meter has 3-color scale. For 105-120 V. 50-60 Cye. operation.

Model 599 Tube, Battery and Set Tester



Has same tube and battery testing circuits and is same size as Model 589 above. In addition has complete volt-ohm-milliammeter section with provisions for checking condenser leakage.

D 17080—Portable Model. \$38⁷¹
YOUR CASH PRICE
 Or \$4.50 down and \$4.33 monthly for 9 mos.
D 17081—Counter Model with 7" Meter. \$48⁹⁵
YOUR CASH PRICE
 Or \$5.50 down and \$4.50 monthly for 11 mos.
D 17082—Counter Model with 9" Meter. \$51⁴⁵
YOUR CASH PRICE
 Or \$5.75 down and \$4.33 monthly for 12 mos.

11 1/4" x 9 1/4" x 5 5/8"

Volt-Ohm-Milliamper Section
 at 1000 ohms per volt. A.C. and Output Volts—(0.6/15/150/600). Copper oxide rectifier fully protected from overload. **NO BUTTON TO HOLD DOWN—NO EXTERNAL CONDENSER** necessary. D.C. Mills—(0.6/6.0/600). Ohms—0/200/20,000/2 meg./20 meg. Tests all paper and electrolytic condensers for leakage on direct reading resistance scales. For 105-120 volt 60 cye. AC operation.

Model 542 Pocket Multimeter

D 17083—Model 542 Pocket Multi-meter. \$15⁹⁷
YOUR CASH PRICE

Compact in size, accurate and dependable performance. Pin lock connections. Ranges: D.C. Mills: 0/0.3/15/150. D.C. Volts: 0/1000 ohms per Volt, 0/6/150/300/1,500. A.C. and Output Voltages 0/6/30/150/600. Ohms 0/2,000/20,000/200,000/2 megs. Decibels: -6 to +10, +8 to +24, +22 to +38, +34 to +50. 3" Square meter with knife edge pointer and rugged, accurate 200 microampere movement (5,000 ohms per volt). Molded bakelite case. Batteries for ohmmeter self contained. Size 5 3/4 x 2 3/4 x 3 1/4". Ship. wt. 2 lbs.



Model 543 Pocket Multimeter

D 17084 — Model 543 Pocket Multimeter. \$11⁷¹
YOUR CASH PRICE

Uses same bakelite case as Model 542. Attractive two-color panel. 2" x 1 1/2" 1000 O-P-V. meter. Single rotary switch selects all functions and ranges. Ohms—0/2000/200,000. DC Mills—0/6/60/600. AC Mills—0/15/150/600/3000. AC or DC Volts—0/15/150/600/3000. Batteries self contained. Size, 5 3/4 x 2 3/4 x 3 1/4". Shipping wt., 2 lbs.

Model 542 or 543 may be purchased with other Supreme equipment on Time Payment. Cash price will be divided and added to other payments. No additional down payment or finance charges are made.



Model 547 Multimeter



14 Buttons give instant selection of 36 Ranges

D 17085—In Metal Case. Size—13 1/4" x 12 1/4" x 5".
YOUR CASH PRICE. \$33²⁷
 Or \$4.00 down and \$4.17 monthly for 8 months.
D 17086—In Solid Oak Case. Size—13 1/4" x 11 1/4" x 5".
YOUR CASH PRICE. \$35⁷⁷
 Or \$4.00 down and \$4.02 monthly for 9 months. Simplest, fastest and most convenient of all multimeters. Large 7" illuminated meter allows exceptionally accurate reading. All meter multipliers are metalized resistors saced for stability. Wire-wound resistors used for all shunts. Ranges, D.C. Volts: 0/6/30/150/300/600/3000, at 1000 ohms per volt. D.C. Mills: 0/6/30/150/300/600. Accuracy 2% on all ranges except 3000 volt which is 3%. A.C. Volts: 0/6/30/150/300/600/30. Output Volts: 0/6/30/150/300/600/3000. Decibels: -10/+4/+18/+32/+38/+44. Capacity: 0/2/20 mfd. No external condenser necessary. Copper-oxide rectifier fully protected. Fully compensated for temperature variations. Ohms: 0/2000/20,000/200,000 ohms and 0/2 meg/20 meg. Megohm ranges operate from 105-120 volt 60 cycle A.C. line supply; other ranges from self-contained battery. Supplied in metal case, for shop use or in portable Oak carrying case with removable cover and large compartment for test leads, tools, etc.

Model 592 Set Tester

D 17088—Model 592 Set Tester. \$43⁰⁷
YOUR CASH PRICE

Or \$5.00 down and \$4.33 monthly for 10 mos. Fast push button selector sets up all ranges and functions, all of which terminate at a single pair of pin jacks, except the 14 ampere DC range, for which heavy binding posts are supplied. Push button switch selects either of two DC voltage measuring sensitivities on large 4" meter, 1000 ohms per volt for regular measurements and 25,000 ohms per volt for high resistance circuit measurements. Ranges: D.C. volts at 1000 or 25,000 ohms per volt 0/3.5/7/35/140/350/700/1400. Ohms: with self contained battery, 0/500/5,000/50,000/500,000/6 megs/50 megs. Low-ohm scale 1/4 to 500 ohms. A.C. and Output Volts: (0/7/35/140/350/700/1400) no external condenser needed. Decibels 5 ranges cover -10 to +48. Durably housed in quartered oak carrying case with removable hinged cover. Size, 9 1/2 x 7 3/4 x 6 3/4". Ship. wt. 9 lbs.



Model 504 Tube Tester and Set Analyzer



D 17089—Model 504 complete in Portable Oak Carrying Case size 14 1/2" x 12 1/2" x 8".
For 105-120 volt 50-60 cycle AC.

YOUR CASH PRICE \$64⁶³
 Or \$7.25 down and \$5.94 monthly for 10 mos.

The finest instrument of its type in the entire Supreme line. **TUBE TESTER SECTION** incorporates improved circuit that correctly tests all tubes from 1.4 to 117 filament volts using normal operating voltages and loads. Tests leials, octals, bentanm midgets, single ended television types, magic eyes, gaseous rectifiers, pilot lamps and ballasts. Tests separately, each section of all multi-section tubes and each plate of rectifiers and double diodes. Makes "hot" leakage tests up to 2 Megs. Checks shorts, open elements, filament continuity and noise. Push-button selector automatically allows rearrangement of tube element connections to any possible tube base arrangement—your best insurance against obsolescence resulting from subsequent new tube releases. Fast and easy to operate—simply follow the arrows to proper settings indicated by correlated tube chart. English reading meter scale shows tube condition. **SET ANALYZER SECTION** provides 31 test ranges selected by 20 push-buttons. All ranges terminate at a single pair of tip jacks. DC Volts: 0/25/100/250/500/1000/2500, at 1000 ohms per Volt. AC and Output Volts: 0/5/10/50/250/1000. DC Microamps: 0/500. DC Mills: 0/2.5/10/50/250. DC Amps: 0/1/10. Ohms: 1/10/200/2M/20M and 0/2/20 Meg. Accuracy: 2% on DC and 3% on AC ranges. Tests all paper, mica and electrolytic condensers for leakage up to 20 Megs, at any one of seven test voltages from 25 to 450 volts. Results are indicated directly on "Good-Bad" capacitor meter scale.

Model 549 Electronic Voltmeter

D 17090—With Metal Case. Size—11 1/2" x 10 1/4" x 4 1/4".
YOUR CASH PRICE. \$39¹⁵

Or \$5.00 down and \$3.90 monthly for 10 mos.

D 17091—In solid Oak Carrying Case. Size—11 1/2" x 10 1/4" x 5 1/4".
YOUR CASH PRICE. \$41⁶⁵

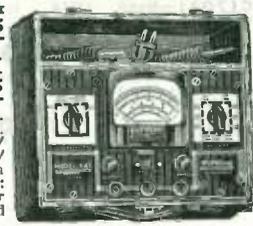
Or \$5.00 down and \$4.18 monthly for 10 mos.

Ranges: DC Volts — 0/2/6/20/60/200/600. Input Impedance 10 Meg. DC Mills: 0/5/15/50/150/500, and 0/15 DC Amps. Ohms: 0/100/100,000 and 0/1/10/1000 Megohms with self contained battery. AC and Output Volts: 0/5/15/50/150/500. Copper oxide rectifier fully protected, temperature error corrected over a working range of 40° to 100° F.

Available in metal case, for shop use or in portable Oak case with removable hinged cover and large compartment for tools, test leads, etc.

D 17092—High voltage test probes and multiplier, for extending meter range from 600 to 6000 volts D.C. at 150 Megs input impedance.

YOUR PRICE, Per Pair \$5⁶⁴ Or if purchased with Model 549, add 63c net to each of the ten monthly payments.



SUPREME INSTRUMENTS

Supreme by Comparison

Combined Audio and Radio Frequency Oscillator



Model 561
C17073—Model 561 Oscillator. Complete with accessories and instructions. For 105-120 volt, 60 cycle AC operation.
YOUR CASH PRICE... \$86⁷³

Or \$9.50 down and 12 monthly payments of \$7.32
 A combined AF and RF Oscillator that feeds into the receiver, a practical duplicate of the signal from a broadcast station and allows complete control over this signal as regards carrier frequency, audio frequency modulation, percentage of modulation and amplitude of signal. Specifically designed to be used in conjunction with the Vedolyzer.

lyzer, Audolyzer, or Oscilloscope listed on this page. May also be used by itself in the same manner as any individual AF or RF Oscillator. Combines in one compact convenient instrument the complete functions of a laboratory type Radio Frequency Signal Generator (Oscillator), Audio Frequency Oscillator, and Continuously Variable Frequency Modulator. Has output level indicating meter which combined with the ladder type attenuator provides an accurate means of determining AF or RF output of generator. Meter may also be used to determine % of audio modulation. R.F. Oscillator—Range is 65 Kc. to 29.5 Mc. on fundamentals and 60 Mc. on harmonics in 5 bands with push button, band switch. Accuracy guaranteed to within 1/2 or 1% at all frequencies. Shadow tuning with hair line indicator on 6° dial eliminates parallax. Dual ratio tuning mechanism for locating desired frequency quickly and accurately. Extremely stable—not affected by normal line voltage variations. A.F. Oscillator—Range is 15 to 15000 cycles. 4 push buttons select output

Impedances of 50, 600, 5000, or 50,000 ohms single or push pull. Power output 150 milliwatts at less than 5% distortion over entire range. Response is flat within ±1 db. between 30 and 10,000 c.p.s. Has zero beat adjustment. Variable control allows 0 to 15000 c.p.s. modulation of R.F. signal from 0 to 75% at any R.F. frequency. Audio output is available separately for audio tests. Shadow tuning with hair line indicator on 6° dial eliminates parallax. Attenuators—AF and RF output are fully controllable from zero to maximum. RF has ladder type attenuator employing 4 push buttons and vernier control, allowing continuous variation from 1/2 to 100,000 microvolts. Output Meter—Built-in vacuum tube voltmeter indicates actual output of RF generator in microvolts. Also indicates percentage of modulation. Built-in Frequency Modulator—Employs electronic lock center synchronize circuit. Has standard band pass of 30 Kc. and may be used at any test frequency. Housed in Solid Oak Case with carrying handle. Size 17 1/2 x 9 1/2 x 12". Ship. wt. 33 lbs.

Model 560 Vedolyzer

The Vedolyzer presents Supreme's new method of dynamic testing. A system that speeds up radio set servicing and keeps it on a profitable basis.

C17074—Model 560 Vedolyzer. Complete with all necessary accessories and easily understood instructions. For 105-120 volt, 50-60 cycle AC operation.

YOUR CASH PRICE

\$126⁹⁰

Or \$13.50 down and 12 monthly payments of \$10.63



The Vedolyzer traces the radio signal through every stage of a receiver. You see the actual signal and can study its characteristics on the screen of the cathode ray tube. If the signal cuts out, becomes distorted, or weakens it is immediately apparent on the tube. It is easy to SEE THE SIGNAL whether it be RF, IF, AF, television video, or whether it be a frequency modulated, audio modulated, or unmodulated wave. You SEE distortion factor, all types of signal distortion and amounts of amplification. The built-in vacuum tube voltmeter allows you to measure the actual RF, IF or AF voltage in MICROVOLTS! With this set-up, you can check for location, frequency, and amount of hum, and check correct IF and oscillator frequency. Using the vacuum tube volt-ohmmeter alone, you can check AVC voltages, DC Grid voltages, insulation resistance up to 1000 megohms, and all receiver voltages up to 9000 volts DC or 3000 AC. Contains a direct reading wave analyzer for determining the frequency and strength of an UNKNOWN SIGNAL. Both fundamentals and harmonics can be measured. A multiple probe input

circuit gives a progressive check of receiver stages for intermittents, dead stages, noisy resistors, leaky condensers, bad soldered joints, etc.

The Vacuum Tube Voltmeter ranges are: DC Volts, 0/2/8/20/200/600/6000. AC Volts, 0/3/9/30/90/300/900/3000 at 15 megohms input. Resistance 0/1M/10M/100M ohms and 0/1/10/100/1000 megohms. The Oscilloscope has all controls regularly found on an oscilloscope such as the 548 and can be used as a normal cathode ray oscilloscope. Its linear sweep, horizontal amplification and synchronization circuits result in easily locked R.F. wave. Has an internal sinusoidal line supply frequency sweep for use in hum measurements, etc., as well as an internal linear sweep from 15 to 30,000 cycles for viewing images. Attractively designed panel with all controls clearly marked. Housed in solid oak case with leather carrying handle. Size, 17 1/2 x 13 1/2 x 12". Ship. wt. 40 lbs.

Model 562 Audolyzer Dynamic Channel Tester

A new dynamic channel tester at a new low price. Operation is very similar to that of the Vedolyzer described above. The principle difference being that you hear the signal instead of see it. Eliminates all magic eye tubes and multiple probes. Connect a signal generator such as the 582A or 561 to the antenna post of the receiver under test and touch the Audolyzer probe successively to the grid and plate circuits of the RF, IF, Oscillator, Detector and Audio Stages. You hear the demodulated signal in the speaker of the Audolyzer until on reaching the defective stage, the signal disappears. You then use the built-in vacuum tube volt meter to check the DC operating voltages of the defective circuit. You can in this way quickly and profitably service even the "toughest" receiver. Vacuum tube voltmeter has ranges of 0, 1, 3, 10, 30, 100, 300, 1000 volts DC at 15 megohms input impedance. This means a meter sensitivity of 15,000,000 ohms per volt on the low range and 1 1/2 million ohms per volt on the 10 volt scale. Such high impedance permits

check of voltage while set is in operation without disturbing receiver operation. VT voltmeter can also be used for conventional gain measurements in each stage. Audolyzer can be used to determine accurately the frequency to which any circuit is tuned. Also checks oscillator output. R.F. and audio amplifier of Audolyzer can be used separately with VT Voltmeter to locate intermittents. Checks AVC voltages accurately. Also checks AFC circuits. Contains a trimmer adjustment. Can also be used with cathode ray oscilloscope for visual distortion indication. Housed in oak case with carrying handle. Size, 17 1/2 x 9 1/2 x 12". Ship wt. 32 lbs.

C17075—Model 562 Audolyzer. Complete with all necessary accessories and instructions. For 105-120 volts, 50-60 cycle AC operation.

YOUR CASH PRICE... \$76⁹⁰
 Or \$8.50 down and 12 monthly payments of \$6.49.



Model 571 Signal Generator

Accurate To Within 1/2 of 1% At All Frequencies

Direct Reading On All Bands

C17076—Model 571 Signal Generator. Complete with accessories. For 100-120 volt, 50-60 cycle AC operation.
YOUR CASH PRICE... \$39¹⁵

Or \$4.50 down and \$4.39 Monthly for 9 Months.

An oscillator you'll be proud to own. Has unusually wide frequency range of 65 Kc. to 20.5 Mc. on fundamentals, and up to 82 Mc on harmonics. Dual ratio, drive dial, is directly calibrated and illuminated, with hair line shadow indicator which completely eliminates parallax. Guaranteed accuracy 1/2 to 1%. A 400 cycle audio oscillator is incorporated for modulating the RF carrier at either 39% or 75%. However, the RF output may also be externally audio modulated or externally frequency modulated for visual alignment work. The 400 cycle oscillator may also be used separately. Double shielded ladder type attenuator provides output of 0.1 volt down to 0.5 microvolt. Double shielding is also extended to the complete chassis to minimize leakage. This instrument may also be used as a multi-vibrator by setting the dial to either 100 or 1000 Kc. and using the harmonics of these signals. An electron coupled oscillator circuit is employed using air dielectric capacitor and iron core coils. Absolutely free from temperature and humidity drift and line leakage. Beautiful black metal panel with red and silver trimming. Housed in attractive solid oak case with leather carrying handle. Size, 10 1/2 x 8 1/2 x 8 1/2". Ship. wt. 19 lbs.

Model 546 Oscilloscope

Featuring High Stability and Simplicity of Operation

An excellent companion piece for Supreme Model 561, or any other good frequency modulated R.F. Signal Generator. Especially useful in connection with all signal tracing devices for actually seeing the signal. A far faster and more accurate means of locating and correcting causes for hum noise, distortion, low gain, intermittents etc.

D17095—546 Oscilloscope complete with tubes. For 100-120 volt, 50-60 cycle AC operation.

YOUR CASH PRICE... \$63²¹

Or \$7.00 Down and \$5.33 Monthly for 12 Months.

Flexible in operation, has simple and logically arranged controls with sensitive linear amplifiers producing undistorted output. Has high impedance input circuits, wide frequency range and vertical and horizontal amplifier with 15 to 90,000 C.P.S. range and individual gain controls. Saw tooth sweep circuit oscillator is linear from 15 to 30,000 cycles. Means for either internally or externally synchronizing the signal under test with the sweep frequency. Vertical and horizontal spot centering controls, intensity and focus controls. Snap-lock synchronizing control snaps image into place. No image "wandering" or "waver-ing." Linear sweep range control and fine frequency adjuster. Separate power supply for cathode ray tube. Uses six tubes: 1-3" Cathode Ray Tube, 1-885, 2-806's and 9-80's and a carefully shielded and mounted. Solid oak carrying case with leather handle for portable or laboratory use. "No-Glare" panel. Size, 14 1/2 x 12 1/2". Ship. wt. 23 lbs.



Radio Test Instruments

VoltOhmyst RCA-Rider CHANALYST



C17156—RCA Model 163 Rider Volt-Ohmyst. For 105-130 volt, 25-60 cycle AC operation. Complete with tubes, special test leads and instructions. **\$57.50**

YOUR PRICE.....

A new combination Electronic Vacuum Tube DC Voltmeter and Ohmmeter providing accurate test of voltages from 0.05 to 5000 on 9 ranges and resistance measurements on 6 ranges from 0.1 ohm to 1000 megohms. The high input resistance of 16 megohms on ranges up to 500 volts and 180 megohms on higher ranges permits voltage measurements without noticeable effect upon circuit operation under test. Especially designed for measuring DC potentials at plate, screen, cathode, control grid, AVC and AFC during operation. Ohmmeter is suitable for all resistance measurements and testing leakage and insulation resistance. Meter has 4" long scales. Directly calibrated with 3 basic voltage and one ohmmeter scale. Circuit is independent of tube characteristics or line voltage variations. No zero drift. Tubes used: 2—6K8G's and 1—6X5G. Constructed of finest quality components. Sloping etched chrome plated brass panel. Steel cabinet finished in crystalline gray. Size 7½x8½x11" high. Weight 14 lbs.

Independent of tube characteristics or line voltage variations. No zero drift. Tubes used: 2—6K8G's and 1—6X5G. Constructed of finest quality components. Sloping etched chrome plated brass panel. Steel cabinet finished in crystalline gray. Size 7½x8½x11" high. Weight 14 lbs.

Junior Volt Ohmyst

D17352—RCA Model 165. Electronic vacuum tube AC-DC voltmeter and ohmmeter containing many characteristics mentioned above. Ranges provided: DC Volts, .05 to 3/10/30/100/300/1000. AC Volts, .25 to 10/30/100/300/1000. Input resistance of 11 megohms. Six Ohms ranges covering 0.1 to 1000 megohms. Has signal tracing probe for checking AVC, AFC-FM discriminator and oscillator voltages, etc., with signal present. Size 6x5½x10¾" high. For 105-125 volt, 50-60 cycle AC operation. **\$34.95**



Other RCA Test Equipment

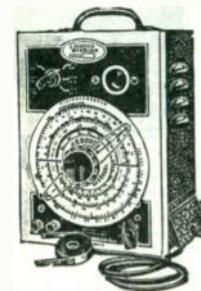
All equipment for 105-130 volt, 50-60 cycle AC operation. Supplied complete with tubes and accessories. We can supply any RCA Test Instrument. Descriptive literature will be sent on request.

Stock Number	RCA Model	DESCRIPTION	Your Price
C17241	151-2	2" Cathode Ray Oscillograph	\$ 49.95
C17242	155	3" Cathode Ray Oscillograph	63.95
C17243	160	5" Cathode Ray Oscillograph	130.00
C17244	150	Electronic Sweep Oscillator	64.50
C17245	9595	Battery Powered Oscillator	34.50
C17246	9600	Universal AC Operated Bridge	49.65
C17247	9558	Frequency Modulator—Motor Driven	27.50
D17351	154	Beat Freq. Audio Oscillator	49.95
D17353	159D	Portable Tube Tester	35.35
D17354	155E	Counter Tube Tester	32.95
D17355	161	Signalizer	107.50
D17356	167	AC Test Oscillator	34.50

Meissner "Analyst"

The latest type servicing instrument using the signal tracing method. Five channels trace signal from antenna to speaker. Quickly solves the most difficult receiver failures. All indications read on five magic eyes. Audio Channel permits complete analysis of the audio system of any set including gain measurements, hum location, etc. Electronic Voltmeter with a constant input of 10 megohms on five ranges of 0 to 500 volts checks all operating and control voltages without affecting receiver performance. Oscillator Channel for complete analysis of oscillator circuits of super-hets. RF-IF Channel for tracing signals through the RF and IF systems of any receiver. Range, 95 to 1700 kc. Line Current indicator shows power consumption of receiver. All controls accurately calibrated and clearly marked. Any number of channels may be used at same time. Uses type 1-68Q7, 1-6F5G, 3-68K7, 1-6HB, 1-185Z, 1-6X5G and 5-6E25 tubes. Extremely easy to operate. Cabinet finished in black crackle. Size, 9½x13½x10¾". Ship. wt., 35 lbs.

D17349—Meissner Analyst. Complete with tubes, test leads and operating instructions. Ready for operation. **\$68.11**

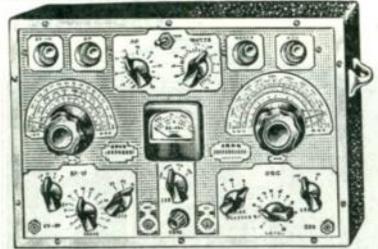


Aerovox L-C Checker And R.F. Signal Generator

Tests condensers and coils for capacity and inductance and permanent or intermittent, shorts or opens, under actual operating conditions. All checks made at radio frequencies and in majority of cases, without disconnecting any parts from the circuit in which they are operating. This regardless of whether or not any other condensers or resistors may be connected in parallel therewith. In addition will check: RF and IF alignment • Oscillator tracking • Natural resonant points of RF chokes, to be sure such are beyond operating range • Location of dead spots and resonant periods of antennae and transmission lines • Resonant points in shorted windings of unused coils • Frequency range of receivers and signal generators • Distributed capacity of coils • Tuning of wave, trap and image rejection circuits • Calibration of wavemeters • And many other things much too numerous to mention here. Send for complete descriptive folder. RF Oscillator Range 60 kc to 28 mc in 6 ranges. Accuracy: 1% on low frequency ranges and 5% at higher frequencies. Capacity and inductance measurements made well within 10% limits. Tubes: 1 each, 6J5G, 25Z5, 6E5 and VR105. Dimensions: 10½x7½x5½". Wt., 6 lbs.

C17087—Model 95 complete with tubes, output cable, capacity prod. inductance probe and terminal test leads. For 110 V. 50-60 cycle AC operation. **YOUR PRICE..... \$28.91**

C17155 — RCA Model 162 Rider Chanalyst. Complete with accessories and instructions. For 105-117 volt, 50-60 cycle AC operation. **YOUR PRICE..... \$107.50**



The original dynamic channel tester that quickly localizes and identifies the most elusive troubles in any particular stage of a receiver or amplifier. Testing is done without plugs or adapters, being independent of tube types or circuit complications. Provides 5 basic test channels with four electric eye indicators to visualize operation. The channels and uses are:

RF-IF Channel Amplifier: Traces the radio signal from first RF stage thru the second detector. (Can also be used as a receiver, field strength meter, for zero beat indication and for antenna pick-up checking. Uses five tubes. Range 95 to 1700 Kc. Jack output to headphones or oscillograph.)

Oscillator Channel Amplifier: Similar to RF-IF Channel but has wider range and is less sensitive. Checks frequency output, drift, etc., of oscillators in superhets. Employs three tubes. Covers 800 to 15000 Kc., on fundamental, to 70 Mc. on harmonics.

AF Channel Amplifier: Checks gain or loss of signal thru audio stages and

indicates where it becomes distorted or takes on hum. Uses three tubes. Flat frequency response range of 50 to 50,000 cycles. Input range of 1 to 1000 volts. Output jack to headphones or oscillograph.

Wattage Indicator: Indicates power consumption of receiver from 25 to 2500 watts either AC or DC.

Electronic Voltmeter: Measures DC potentials or the actual control voltages in RF, IF, AF, AVC and AFC circuits without disturbing operation or loading the circuit. Meter has center zero and indicates both positive and negative voltages. Four ranges measure -500/-100/-25/-5/0/+5/+25+100/+500 volts. 10 Meg. input resistance on all scales. Accuracy 5%.

Construction: Heavy chromium plated etched brass panel. Metal case with carrying handles. Size, 14x9x3".

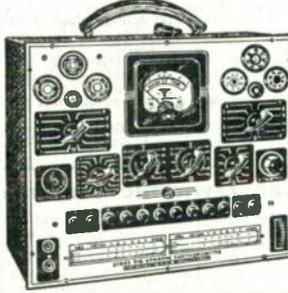
Precision Test Instruments

Tube Tester

D17304—Model 910MCP.

YOUR PRICE..... \$29.35
Or \$6.10 Down and \$4.60 Monthly for 6 Months.

High grade, attractive tube checker indicating tube quality by dynamic mutual conductance method. Tests all receiving tubes including local, miniature types, gaseous rectifiers and ballasts, regardless of pin arrangement or filament voltage requirements. 3" sq. meter. Neon shorts and leakage indicator. Jacks for noise tests with headphones. Roll chart quickly indicates all settings of push buttons and other controls. Open type portable metal case. Size 12x10½x6".



Model 832 AC-DC Multi-Tester

D17310 — With battery. Less test leads. **YOUR PRICE..... \$14.65**

Features 3½" sq. meter providing 31 ranges: DC Volts, 0-6-30-150-300-600-1200 at 1000 O.P.V. AC Volts, 0-12-60-300-600-1200-2400. DC Ma., 0-1.2-12-120-600. Ohms, 0-5000-500M on self contained 3 V. battery. Ohmmeter adjuster. Decibels, -10 to +62 on six ranges. All resistors at 1% accuracy. Heavy etched brass panel. Hardwood walnut finished carrying case. Size 7x4½x3".



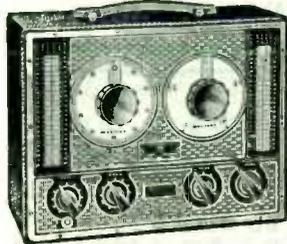
Other Precision Instruments

Literature on any model will be sent on request. When ordering on time payments be sure to use order blank on page 2.

Stock Num.	Model Number	Your Cash Price	Time Pay. Amt. Down	Per Mo.	For Mos.
D17316	872	\$17.59	\$3.40	\$2.80	6
D17318	844L	22.49	4.50	3.65	6
D17324	844P	24.45	5.00	3.85	6
D17311	854L	37.19	7.80	5.85	6
D17312	854P	39.15	7.75	6.20	6
D17309	910C	33.27	6.70	5.25	6
D17308	910P	33.27	6.70	5.25	6
D17307	912C	35.23	7.15	5.55	6
D17305	912P	35.23	7.15	5.55	6
D17306	912MCP	31.31	6.60	4.90	6
D17301	920C	52.87	10.90	8.30	6
D17300	920P	52.87	10.90	8.30	6
D17302	920MCP	48.95	10.00	7.70	6
D17333	E200	35.23	7.15	5.55	6
D17331	915	50.91	10.45	8.00	6
D17332	922	66.59	13.45	10.50	6

Popular Test Instruments

Clough-Bregle Instruments



RF Signal Generator

Rivals Costliest Designs
C17138—Model OCK. Complete with tubes and shielded coaxial output cable. **YOUR PRICE.....\$3380**

Hand calibration to ten or more points on each of five bands guarantees accuracy of 1/2%. Range, 100 Kc-30 Mc. Visi-Vide dial reads to 1/10%. Output, 1/2 to 100,000 microvolts. Unmodulated RF, 400 cycle 30% audio modulated RF and pure sine-wave 400 cycle audio, outputs available. Attenuation: Dual, continually variable. Drift: held to 1/10 percent. Steel case finished in dark green, black and silver. Size, 9 1/2 x 12 7/8". Wt., 18 lbs.

Other Clough-Bregle Instruments

Stock Num.	Type Instrument	Your Price
D17134	110-A RF Oscillator	\$48.51
D17124	79D Audio Oscillator	63.21
D17149	225 Tube Checker	46.55
D17125	131 Universal Speaker	19.11
D17126	220 Voltmeter	58.10
D17127	230 A-C Bridge	41.65

Universal Meter

2000 Ohms Per Volt
C17140—C-B Model 185-A. Complete with steel cover and test prods. **YOUR PRICE.....\$2891**

Thirty-one ranges, including capacity and decibels, are combined with new speed and safety provisions to make this the most useful all-purpose instrument yet devised. DC Sensitivity, 2000 ohms per volt, AC, 1250. DC Volts Range: 0-5-20-100-500-1000. AC Volts: 0-5-10-100-Short Pos. Ohms: 0-4000; 0-10,000; 0-4 mega, from battery included. With ext. battery, 0-20 mega. DB: -15 to +59. AC Output: Same as AC volts. Mids: .0005-1-10. Hensies: 1-140-14,000. Finished in dark green and silver. Size, 9 1/2 x 9 1/2 x 14 1/2". Wt., 9 lbs.

Complete catalogs covering any of the lines represented on this page will be mailed to you promptly on request.

Triumph Test Instruments

Model 130 Video Signal Generator

C17365 YOUR PRICE COMPLETE.....\$2935

Wide range, 100 Kc to 96 Mc., includes all frequencies needed in radio and television service. Direct reading 360° dial with knife edge pointer. Accuracy, 1/2 of 1%. Unmodulated RF, 400 cycle, 0-75% modulated RF, and pure sine-wave 400 cycle audio and externally modulated RF outputs available. Housed in black wrinkle finished metal cabinet with ivory, red and black front panel. Has leather handle. Size, 13 1/2 x 10 1/2". Wt., 22 lbs.



Model 830 Oscillograph and Wobbulator

D17366—YOUR PRICE COMPLETE.....\$7835

Combines in one instrument all features of a complete 3" cathode ray oscillograph and electronic frequency modulated wobbulator. Simple to operate. Positive lock in on all frequencies gives clean steady pattern. Amplifier response, 10 to 100,000 cycles. Sweep range, 7 to 30,000 cycles. Wobbulator fundamental 1000 cycles. Sweep width variable 0 to 50 cycles. Deflection sensitivity, with amplifier 4 volts per inch or direct to plates 18 volts per inch. Housed in black wrinkle finished steel case with leather handle. Ivory, black and red front panel. Size, 10 1/2 x 14 1/2". Wt., 38 lbs.



Other Triumph Instruments

Stock Num.	Type Instrument	Description	Your Price
D17390	333 Multi-Quantum-Meter	28 Range Volt-Ohm-Milliammeter	\$21.51
D17391	334 Millimeter	22 Range Volt-Ohm-Milliammeter	13.67
D17392	632 Percent-O-Meter	4" and "B" Battery Tester	10.73
D17393	443 Tube Tester	Portable Model with Cover Chart	23.47
D17394	443 Tube Tester	Counter Model with Cover Chart	23.47
D17395	444 Tube Tester	Portable Model with Roll Chart	29.35
D17396	444 Tube Tester	Counter Model with Roll Chart	29.35

HICKOK AC-DC Volt-Ohm-Milliammeter "Jumbo"

D17237—Model 4922-S "Jumbo" AC-DC Volt-Ohm-Milliammeter. Complete with test prods. **YOUR CASH PRICE.....\$3763**

Or when purchased with other Hickok instruments—\$9.41 down and \$5.60 for 6 mos.

Giant 9" meter, readable from great distance at any angle. Extremely rugged. Withstands severe overloads. Accuracy of all ranges within 3%. Rectifier guaranteed for one year. DC Volts: 0-10-50-25-500-2500. AC Volts: Same as DC volts. DC Microamps: 0-500. DC Mills: 0-5-50-500. Ohms: 0-30, 10,000, 1 Meg., 10 Megs. Mid scale readings: 8-150-15,000-150,000. Decibels: -10 to +15. AC Output volts same as DC volts. Attractively finished steel case with handle and etched panel. Size, 18" x 10" x 7 1/2". Wt., 15 lbs.

D3935—Shunt. Increases range of 4922-S to 0-5-50 amps. DC. Wt. 2 lbs. **YOUR PRICE.....\$559**



Jackson Test Instruments

C17280—

Model 660

Signal Analyzer

YOUR CASH PRICE

\$77.91

Or \$21.50 down and \$11.00 per month for 6 months.



Traces a regular broadcast or test oscillator signal from one end of the radio to the other. Indicates signal gain or frequency, extent of distortion, and all circuit voltages (including AVC and AFC) at any point in the receiver. Tests resistors, capacitors and inductances for proper operation, without breaking any connections. Tests tube performance and antenna efficiency. All indications are read directly on meters. All audio signals, distortion or noise may be listened to at any point in the receiver. All tests made under actual operating conditions. Voltage regulated power supply. Frequency Range of RF Voltmeter—30 Kc. to 16 Mc. Push Button Selection. RF Gain Meter Ranges 0-10-100-1000-10,000. V.T.V.M. AC or DC Volts, 0-5-10-10-50-0-100-0-500. Input resistance, 10 meg. Sensitivity on 0-5 range, 2,000,000 ohms per volt. Illuminated Frequency Dial and Meter scales. Welded steel case finished in two tone gray. For 105-120 V. 50-60 cycle. Size, 17 1/2 x 7 1/2 x 7 1/2". Wt., 25 lbs.

Stock Number	Type Instrument	Your Cash Price	Time Payment Plan			
			Amt. Down	Per Month	For	Months
D17256	640 Test Oscillator	\$29.35	\$ 8.00	\$ 5.00	5	5
D17270	420 Universal Oscillator	58.31	15.50	10.00	5	5
D17277	642 20,000 O.P.V. Multimeter	39.15	11.00	6.50	5	5
D17278	643 1,000 O.P.V. Multimeter	26.41	5.65	6.00	4	4
D17259	634 Tube Tester	26.41	5.65	6.00	4	4
D17252	637 Dynamic Tube and Set Tester	48.51	12.50	8.50	5	5
D17253	523 3" Oscillograph	58.31	15.50	10.00	5	5
D17112	636 Dynamic Tube Tester	34.25	8.50	6.00	5	5
D17113	636B Bench Style Tube Tester	29.35	8.00	5.00	5	5
D17114	636C DeLuxe Counter Tester	35.11	11.00	6.50	5	5
D17115	650A Condenser Tester	29.35	8.00	5.00	5	5
D17116	652 Audio Frequency Oscillator	62.21	21.00	8.50	6	6
D17117	610 Multimeter	10.73	Purchasable on time with other Jackson instruments.			
D17120	615 Multimeter	15.63				

Weston

Model 772 Analyzer

C17340—Model 772 Super Sensitive Analyzer. Complete with test leads and instructions. Less Socket Selector Unit. **YOUR PRICE.....\$4950**

New all-purpose Super-Sensitive 20,000 Ohms Per Volt Analyzer. Gives dependable reading on low current circuits. Ranges: AC & DC Volts, 0-25-10-50-250-1000-20,000 o.p.v. on DC; DC Ma., 0-1-10-50-250 and 0-1-10 Amps. Ohms, 0-3,000-30,000 and 0-3-30 Megs.; Decibels, -14 to +2-2-14 +28 +42 +54. Ranges selected by selector switch. Equipped with pin jacks for mounting Model 666 Socket Selector Unit. Attractive red and black panel. Oak carrying case has removable hinged cover. Size, 15 1/2 x 10 1/2 x 8 1/2". Net wt., 18 1/2 lbs.

C17370—Model 778 Tester. For use with model 772 above. Increases range to 5000 volts at 100 Megs. input impedance. Insulated against 11,000 volts breakdown in accord with A.I.E.E. safety standards. **YOUR PRICE.....\$1875**



Other Weston Instruments

Stock Num.	Type Instrument	Your Price	Stock Num.	Type Instrument	Your Price
D17371	787 High Freq. Osc.	\$93.75	D17336	697 Volt-Ohmmeter	\$24.00
D17343	776 RF Oscillator	65.25	D17368	774 Checkmaster	69.75
D17372	665 Analyzer	58.50	D17383	689 Ohmmeter	13.50
D17387	669 V. T. V. Meter	49.50	D17389	778 Servometer	97.50
D17376	612 Test Oscillator	51.56	D17374	663 Volt-Ohmmeter	49.13
D17363	777-1 Tube & Bat. Test.	49.50	D17388	791 Port. Tester	29.00
D17364	777-2 Tube & Bat. Test.	54.75	D17385	564 Volt-Ohmmeter	28.80
D17379	704 Capacity Meter	48.38	D17389	767 Filtrator	4.95
D17380	695 AC-DB Meter	28.50	D17386	666 Socket Selector	15.83

Other Hickok Instruments

Stock Num.	Type Instrument	Cash Price	Time Payment Plan			
			Amt. Down	Per Month	For	Months
D17258	T8-50 Univ. Spkr. & Vib. Test.	\$55.86	\$15.84	\$ 6.00	8	8
D17259	110 AC-DC V.T.V. Meter	\$2.92	12.48	6.00	8	8
D17265	177 Signal Generator	47.63	12.44	6.00	7	7
D17266	188 Signal Generator	57.04	13.10	6.50	8	8
D17267	177X Signal Generator	56.45	14.60	6.60	8	8
D17268	188X Signal Generator	65.86	15.27	7.50	8	8
D17357	2108 Zero Current Meter	61.74	14.56	7.00	8	8
D17274	510X Tube and Set Tester	67.62	15.28	7.75	8	8
D17281	530 Mut. Cond. Tube Tester	55.27	11.17	6.50	8	8
D17358	530M Display Tube Tester	70.54	15.04	12.00	8	8
D17359	155 Tracometer	95.26	20.87	11.00	8	8
D17360	RF05 Oscillograph	70.54	17.89	7.00	8	8
D17361	4955 Volt Ohm Milliammeter*	27.05				

*May be purchased on time when purchased with other Hickok Instruments—payments being increased proportionately.



Radio TEST INSTRUMENTS

RCP "DEPENDABLE" TEST INSTRUMENTS

Portable and Counter Model Tube Testers

D17202
\$23³⁷

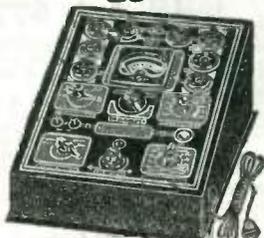


Model 310P

D17202 — Portable Model 310P. (Illustrated at left). With Rolindex Chart and compartment. Size 11 1/4 x 12 1/2".
YOUR PRICE..... \$23³⁷

D17201 — Portable Model 309P. Without Rolindex Chart and compartment. Size 11 1/4 x 10 7/8".
YOUR PRICE \$16⁶¹

D17203 — Counter Model 309C. (Illustrated at right). Size 9 1/2 x 5 1/2". Without Rolindex chart.
YOUR PRICE..... \$15⁶³



Model 309C

D17204 — Counter Model 310C. As above but with Rolindex chart.
YOUR PRICE..... \$21⁵¹

Simple to operate. Tests all tubes including locals, miniature types, ballasts and pilot lights. Direct reading 3" sq. D'Arsonal movement meter. Filament voltages to 117 are available. Neon shorts and leakage indicator. Jacks provided for noise test with headphones. Tests individual sections of multi-purpose tubes. Chart indicates control settings. Model 310P and 310C include built-in "Rolindex" Roll chart. Spare socket provided for new tubes. All models in leather covered case with attractive sloping panel. Portable models have removable hinged cover and handle. For 105-135 volt, 50-60 cycle AC operation.

Model 802 Tube and Set Tester

C17209— Model 802, Tube and Set Tester.
YOUR PRICE \$27³⁹



D17223— Model 803. Same as above with Rolindex Chart.
YOUR PRICE \$32²⁹

A light compact combination instrument that provides complete set and tube testing. Tube Tester checks all tubes including locals and ballast types. Provides filament voltages from 1 to 120. Neon leakage and short indicator. Jack provided for noise tests with headphones. Chart gives control settings. Model 803 includes built-in "Rolindex" Roll chart. Direct reading 4 1/4" D'Arsonal movement meter. Built-in Set Tester measures AC-DC Volts, 0-10-50-500-1000. DC at 1000 o.p.v. DC Ma., 0-1-10-100-1000. DC Amps, 0-10. Ohms, 0-5-5000-1 Meg.-10 Megs. Decibels, -8/+15/+29/+49/+55. Set Analyzer Unit eliminates necessity of removing radio chassis from cabinet for testing. Measures all voltages and currents at tester with the set in operation. All adapters included. Leatherette covered carrying case with removable cover. Attractive aluminum panel. Size, 12x12 1/2 x 6". For 115 volt, 50-60 cycle AC operation.

Model 414P Multi-tester

With 4 1/2" Sq. Meter
D17205—Model 414P. Complete with test leads and instructions.
YOUR PRICE \$24⁰¹



Range selector switch. Ranges: DC Volts, 0-5-50-250-2500-5000 at 2000 ohms per volt. AC Volts, 0-10-100-500-1000-5000. DC Ma., 0-10-50-250-1000. DC Amp., 0-1-5-25. Capacity, 0-.03-.3-50-300 Mfd. Resistance, 0-100-15,000-150,000 ohms and 0-1.5-15 megohms. Inductance, 25-1000 mh. and 25-100-1000-10000 henries. Built-in power supply. For 105-120 volt, 50-80 cycle AC operation. Solid maple carrying case. Size 9 3/4 x 12 1/2 x 6".

Multi-Range Testers

Compact testers for complete point-to-point receiver analysis. All instruments have round bakelite case D'Arsonal movement meters, etched aluminum panels, self-contained batteries and ohmmeter adjuster. Accuracy 2%. Test leads included.



DC Model 433
D17206—With 3" Meter. 7 Ranges thru tip jacks. DC Volts, 0-5-50-500-1000 at 1000 ohms per volt sensitivity DC Ma., 0-1. Ohms, 0-500-500,000. Attractive panel. Hardwood case. Size 6x3x2 1/2". Wt. 21 oz.
YOUR PRICE..... \$63²²

DC MODEL 432
C17213—With 2" Meters. 9 Ranges thru tip jacks: DC Volts, 0-5-50-500-1000 at 1000 o.p.v. DC Ma. 0-1-10. Ohms, 0-500-500,000,000. Metal case. Size, 5 1/2 x 3 1/2".
YOUR PRICE..... \$58⁸³

AC-DC MODEL 456
C17214—With 2" Meters. 16 Ranges thru tip jacks: AC-DC Volts, 0-5-50-500-1000 (DC at 1000 o.p.v.) DC Ma., 0-1-10. Ohms, 0-500-500,000. Decibels, -12 to +8/+28/+48/+54. Hardwood case. Size, 6x3x3 1/2".
YOUR PRICE..... \$77⁹⁹

AC-DC Model 446
C17215—With 3" Meters. 25 Ranges thru selector switch: DC Volts, 0-5-50-250-500-2500 at 1000 o.p.v. AC Volts, 0-10-100-500-1000. Output Volts, 0-10-100-500-1000. DC Ma., 0-1-10-100-1000. DC Amps., 0-10. Ohms, 0-500-100,000-1 meg. Decibels, -8 to +15/+35/+49/+55. Hardwood case. Size, 3x8x5".
YOUR PRICE..... \$97⁵⁵

AC-DC MODEL 411
5000 Ohms Per Volt Sensitivity
C17217—With 3" sq. meter. 23 Ranges thru tip jacks: AC-DC Volts, 0-10-100-250-500-5000. DC Ma., 0-10-100. AC Ma., 0-500. DC Microamps, 0-200. DC Amps, 0-1-10-25. AC Amps., 0-2.5-25. Decibels, -10 to +69 in 5 ranges. Ohms, 0-4 megs in 4 ranges. Solid walnut case. Size, 7 1/2 x 5 1/2 x 3 1/2".
YOUR PRICE..... \$15⁹²

D17221—Portable Model 411. As above except in portable carrying case with removable hinged cover.
YOUR PRICE..... \$17⁵⁹

Model 702 RF and AF Signal Generator

Has an extremely wide fundamental coverage of 95 Kc. to 25 Mc. on five bands. Accurately calibrated direct reading dial with dual ratio knob. RF output can be unmodulated or modulated 30% at 400 cycles. The 400 cycle audio can be used separately. Five step ladder attenuator with output of 1 microvolt to 5 volts. Leakage minimized by individually shielded circuits, filtered power supply and complete overall shielding provided by the leaded steel case and chassis. Coils when not used are shorted out of circuit. Double fused power supply cord. Contains all latest improvements in circuit and mechanical design.

D17222—Model 702 Signal Generator. Complete with connection leads. Housed in grey wrinkle metal cabinet with carrying handle. Size 8 1/2 x 11 3/4 x 5". For 105-120 volt, 50-80 cycle AC operation.
YOUR PRICE \$22⁴⁹



Million Model DF Tube Tester



D17218—For 105-125 volt 50-60 cycle AC operation.
YOUR PRICE..... \$16⁹⁵

Provides quick and accurate emission test of all tubes including Octal, Locals, "S" series, hearing aid, etc. Direct reading 3" sq. D'Arsonal movement meter. Filament voltages from 1.4 to 120 are available. Easy to operate, only 3 rotary switches and one slide switch used for tube tests. Neon shorts and leakage indicator also tests condensers. Cream colored panel with black markings. Black leatherette covered carrying case. Size, 10x10x4 1/2". Complete with charts and instructions. Ship. wt. 10 lbs.

Million Model OD Oscillator



Range 100 Kc to 25 Mc on 6 Bands
Greatest dollar value is represented in this fine low priced oscillator. Tunes 100 to 25,000 Kc (fundamental) on 6 bands with over 40 inches of accurately calibrated scale length. Separate coils for each band individually trimmed eliminates possibility of dead spots. Double range type attenuator provides fine and coarse adjustment. Output can be varied from a few microvolts to approx. 20,000 microvolts. 400 cycle audio modulator can also be used separately. Uses 78 type tube as RF oscillator, 6C6 as RF amplifier, 76 as audio modulator and 12Z3 as rectifier. Full shielding and line filter practically eliminates leakage and line loss. Attractive etched bronze panel with ivory knobs. Wrinkle finish steel case with carrying handle. Size, 7 1/2 x 6".

C17191—For 105-120 volt AC-DC operation.
YOUR PRICE..... \$19⁹⁵

American RF and AF Signal Generator

Model 4102
100 Kc to 30 Mc on Six Bands

A fine signal generator priced within the reach of every radio serviceman. Features a fundamental coverage of 100 Kc. to 30 Mc. on six bands. Large 6" directly calibrated dial, accurate to within 1/2 of 1% on IF frequencies, 1% on broadcast and 2% on higher frequencies. Employs an improved electron-coupled oscillator circuit with minimum drift and a Hartley AF oscillator. RF can be unmodulated or modulated and the AF can also be used separately for testing of amplifiers, etc. Audio and modulation is available at three frequencies of 400, 1000 and 5000 cycles. Controls on panel are RF tuning selector, band selector, audio selector, full range attenuator, power switch, modulation switch and output jacks for RF and AF. Completely shielded. Heavy gauge frosted aluminum panel finished in chrome, red and black. Grey wrinkle finished streamlined cabinet with carrying handle. Size 14x6x11".



D17199—Model 4102. RF and AF Signal Generator. Complete with tubes, shielded cables and instructions. For 90-125 volt 50-60 cycle AC operation. Ship. wt. 15 lbs.
YOUR PRICE..... \$15⁵³

SIMPSON 1941 "Radio Test Equipment"

Portable Tube Tester

Model 300

DI7233—For 105-120 V. 50-60 cyc. operation.

YOUR PRICE **\$25⁹⁷**



Tests every type of Radio Receiving Tube as well as ballast tubes, pilot lamps, Xmas tree lights and flashlight bulbs. Provides from 5 to 120 filament volts. Tests localis, single ended tubes, bantams, miniatures and gaseous rectifiers as perfectly as the balance of the popular radio tubes. Double filament switching permits testing tubes without use of special adapters or sockets regardless of filament terminal location. Neon bulb provides high sensitivity short check. Line voltage adjustable from 100 to 130 volts. 4 1/2" Fan shaped meter has Good-Bad "English Reading" scale as well as percentage scale for matching and comparing tubes. Has attractive two toned metal panel. Instrument housed in black fibrikoid covered, portable carrying case, size 8 1/2"x5 1/2". Simplified instructions and tube charts conveniently carried in removable cover. Wt. 12 lbs.

Giant Volt-Ohm-Millammeter

Model 320 9" Meter—51 Ranges

DI7229—YOUR PRICE... **\$36⁷⁵**

Incorporates a truly giant D'Arsonval Movement Meter, 9" wide by 8 1/4" high housed in a modernistic designed black bakelite case. Meter dial has silver etched metal background with all DC scales in black and AC scales in red. Knife edge pointer permits accurate readings. Dial is indirectly illuminated. AC and DC Volts at 1000 ohms per Volt: 0-3-7.5-30-75-150-300-750-1500-3000. DC Current: 0-1.5-7.5-30-75-150-300-750 Mills, and 0-15 amps. Resistance: 0-500 ohms (20 ohms mid-scale), 0-50,000-500,000 ohms and 0-5-50 Megs. Capacity: .000 to .05 Mfd., .001 to .5 Mfd., .01 to 5 Mfd. and 1 to 50 Mfd. Decibels: -20 to +48. The 48" test leads included and high voltage jacks are insulated to 3000 volts. Meter panel is steel gray background with large distinct two tone red and black characters. All ranges, except 1500 and 3000 volts, are selected by a single rotary switch with a large bakelite handle. Steel cabinet is finished in black wrinkle enamel. Size, 10x16x6". For 105-120 volt, 50-80 cycle AC operation.



DeLuxe Tube Tester

Model 400

DI7234—For 105-120 V. 50-80 cyc. operation.

YOUR PRICE **\$35²⁸**

One of the finest, most complete tube testers on the market. Tests all tubes released to date including localis, bantams, miniatures, ballasts, gaseous rectifiers, Xmas tree lights, flashlight bulbs and pilot lamps. Provides from 5 to 120 filament volts. Front panel divided into 5 sections—any of which may be changed individually, at minimum cost, should now unlocked for new tube releases ever require it. Individual 3 position switches for each tube element guards against obsolescence. Speed Roll Chart, has "quick-locator" index which facilitates spotting of any desired setting. Heavy black lines tie all readings with associated knobs, speeding operation and guarding against error. Large 4 1/2" meter with English reading scale shows tube condition, and percentage scale checks comparative efficiency. Housed in durable crackle finish metal case with handle. Your Name Engraved Free when you make your purchase. Size: 10 1/2"x13 1/2"x4". Wt. 16 lbs.

DI7286—Durable Leatherette carrying case with removable cover, for Model 400. YOUR PRICE **\$4⁹⁰**



120 filament volts. Front panel divided into 5 sections—any of which may be changed individually, at minimum cost, should now unlocked for new tube releases ever require it. Individual 3 position switches for each tube element guards against obsolescence. Speed Roll Chart, has "quick-locator" index which facilitates spotting of any desired setting. Heavy black lines tie all readings with associated knobs, speeding operation and guarding against error. Large 4 1/2" meter with English reading scale shows tube condition, and percentage scale checks comparative efficiency. Housed in durable crackle finish metal case with handle. Your Name Engraved Free when you make your purchase. Size: 10 1/2"x13 1/2"x4". Wt. 16 lbs.

Tube and Set Tester

Model 450

Combines Complete Tube Testing with Complete Point - to - Point Set Testing.

4 1/2" Meter
DI7224—For 110 V. 60 Cyc. AC operation.

YOUR PRICE **\$38⁹⁵**



single ended tubes, bantams, midgets, miniatures, ballasts, magic eye tubes, gaseous rectifiers. Xmas tree lights, flashlight bulbs and pilot lamps. Has neon hot cathode leakage test and neon short check. Double circuit switching allows test of all tubes without adapters or special sockets. English reading "Good-Bad" Scale shows condition. Point-to-Point Tester Section, 4 1/2" Meter, 1000 O-P-V type. Ranges: AC-DC and Output volts: 0-7.5-30-75-150-300-750-1500-3000. Ohms entirely AC operated: 500, 50,000 5 Meg. DC Mills: 0-3-15-75-300-750. Decibels: -10 to +40. Instrument housed in fibrikoid covered carrying case with removable cover which also holds instructions and tube charts. Size: 10x11 1/2"x4". Wt. 14 lbs. For 105-120 V. 60 cyc. AC operation.

Tube Tester Section tests all tubes to date or probably yet to be released. Provides from 5 to 120 filament volts. Tests localis, bantams, midgets, miniatures, ballasts, magic eye tubes, gaseous rectifiers. Xmas tree lights, flashlight bulbs and pilot lamps. Has neon hot cathode leakage test and neon short check. Double circuit switching allows test of all tubes without adapters or special sockets. English reading "Good-Bad" Scale shows condition. Point-to-Point Tester Section, 4 1/2" Meter, 1000 O-P-V type. Ranges: AC-DC and Output volts: 0-7.5-30-75-150-300-750-1500-3000. Ohms entirely AC operated: 500, 50,000 5 Meg. DC Mills: 0-3-15-75-300-750. Decibels: -10 to +40. Instrument housed in fibrikoid covered carrying case with removable cover which also holds instructions and tube charts. Size: 10x11 1/2"x4". Wt. 14 lbs. For 105-120 V. 60 cyc. AC operation.

MICRO TESTERS



Extremely useful where narrower ranges will meet your requirements. All are housed in sturdy red bakelite cases. Panels are of silver satin finished metal with black bakelite binding posts. Size of each: 2 1/2"x5 1/2"x1 1/2". Test leads and carrying case extra. DI7185—Model 280 AC Ammeter 0/1/2.5/10/25 Amps. YOUR PRICE **\$9⁵⁵**

DI7186—Model 282 Ohmmeter 0/1000/10,000/100,000/1 meg/10 Megs. YOUR PRICE **\$9⁵⁵**
DI7187—Model 283 DC Milliammeter 0/1/5/10/25/50/100/250/500/1000 mills. YOUR PRICE **\$9⁰⁷**
DI7188—Model 284 Microammeter 0/50/100/250/500/1000 microamps. YOUR PRICE **\$9⁵⁵**
DI7189—Model 288 AC Voltmeter 0/5/10/25/50/100/250/500/1000 volts. YOUR PRICE **\$9⁵⁵**
DI7190—Model 281 AC Voltmeter 0/150/300/600 V. YOUR PRICE **\$9⁰⁷**
DI7193—Test leads & alligator clips. YOUR PRICE **\$1²²**
DI7192—Sturdy leatherette carrying case to hold 3 Micro-testers. YOUR PRICE, Each **\$2⁴⁵**

Volt-Ohm-Millammeter

AC-DC Model 215

DI7228—YOUR PRICE **\$22³⁸**

Similar in construction and appearance to model 210, below. Ranges: AC and DC Volts: 0-2.5-10-250-1000-5000 at 5,000 o.p.v. on DC and 1000 o.p.v. on AC. DC microamps: 0-250. DC Milliamps: 0-10-100-500. Decibels: -12 to +55. Resistance: 0-4000-400,000-4 Megs.



Model 260

20,000 O.P.V. on DC Ranges

AC and DC Volts: 0-2.5-10-50-250-1000-5000. DC Milliamps: 0-10-100-500. DC Microamps: 0-50-100. Resistance: 0-1000-100,000-10 Megs. Decibels: -10 to +52. Incorporates 4 1/2" D'Arsonval movement meter. Has zero ohms adjuster. Molded bakelite case with leather handle. Size: 5 1/2"x7 1/2"x3". Comes complete with 48" 5000 volt insulated test prods and self-contained battery.

DI7227—Model 260. YOUR PRICE **\$26⁹⁵**

Pocket Volt-Ohm-Millammeter

Model 235 DC

DI7231—YOUR PRICE **\$9⁷⁵**

Rotary switch selects DC Volts at 5000 O-P-V: 0-10-50-250-500-1000. DC Mills: 0-10-100-500. DC Microamps: 0-250. Resistance: 0-2000-500,000-2 Megs. Has zero ohms adjuster and self contained battery. Complete with pair of 48" test prods. Red molded bakelite case. Size, 2 1/2"x5 1/2"x1 1/2".



Model 240 AC-DC

Rotary switch selects AC Volts at 1000 O-P-V: 0-15-150-750-3000. DC Volts at 150-750. Resistance: 0-3000-300,000. Has zero ohms adjuster. Battery self contained. High voltage plug-in jacks insulated up to 5000 volts. Complete with 48", 5000 volt insulated test prods with alligator clips. Red molded bakelite case. Size, 2 1/2"x5 1/2"x1 1/2".

1000 O-P-V: 0-15-75-300-750-3000. DC Ma.: 0-15-150-750. Resistance: 0-3000-300,000. Has zero ohms adjuster. Battery self contained. High voltage plug-in jacks insulated up to 5000 volts. Complete with 48", 5000 volt insulated test prods with alligator clips. Red molded bakelite case. Size, 2 1/2"x5 1/2"x1 1/2".
DI7232—Model 240 AC-DC. YOUR PRICE **\$14⁴⁵**

Giant Tube Testers



DI7235—Model 500 Giant Tube Tester—Same as Model 400 above except uses giant 9"x13 1/2" meter with black, red and green scale on silver etched background, illuminated indirectly by two 6V. bulbs. Housed in durable crackle finished metal case with sloping panel for either vertical or horizontal mounting. For 105-120 V. 50-80 cyc. operation. YOUR PRICE **\$42¹⁴**

DI7236—Model 350 Giant Tube Tester—same as Model 500, above, except has 7" meter, and does not have roll chart or unit panel construction. YOUR PRICE **\$34³⁰**

By simply removing panel screws, lifting panel and chassis assembly unit from case and turning same end for end before placing in case again, either of the above models can instantly be converted for vertical or horizontal use.

Newest CONDENSER ANALYZERS

Solar Capacitor and Resistance Bridge Analyzer



C17180—For 105-120 volt, 50-60 cycle AC operation. Complete, less tubes. **\$18.82**
YOUR PRICE.....
C1304—Set of Sylvania Tubes for above. 1-6E5, 1-1V.
YOUR PRICE..... **97c**

Measures capacity and shows exact condition of all types of electrolytic, paper, mica and air condensers from .00001 to 70.0 Mfd. Indicates power factors from zero to 50%. Accurately measures resistance of all types of carbon and wirewound resistors from 50 to 2,000,000 ohms. Measures leakage resistance up to 1,000 megohms with an applied voltage of up to 450 volts DC. Detects shorts, opens, leaks and other defects in condensers. May be used as continuity meter for testing any circuit. All measurements are made simply and directly on five color-coded scales with more than 45 linear inches of accurately calibrated markings. Simple, fast and accurate in operation. A type 6E5 Cathode Ray tube, used as a visual bridge detector, gives a positive indication of balance on all capacity, resistance and power factor measurements. Requires no external meters, standards, headphones, or similar accessories. Uses 1-6E5, 1-1V tube. Oak finished portable carrying case with removable hinged cover. Size, 9 1/2"x7 1/4"x3 1/4".

Cornell-Dubilier Condenser Analyzer



Self-Contained
D17196 — Model BF-50. Complete with instructions, cord and plug and alligator clip test leads, but less tubes.
YOUR PRICE..... **\$24.40**
D1303 — 1-12A7 and 1-6E5 Sylvania tubes for above tester.
YOUR PRICE..... **\$1.40**

Quickly and accurately determines the capacity and operating conditions of any paper, mica and electrolytic condenser; including AC motor starting types, of from .0001 to 24 mfd. capacity. Also measures power factor from 0 to 50% and shows insulation resistance up to 1500 meg. Uses visual eye for leakage indication and bridge balance. High sensitivity detects all leaks, shorts, and opens. Provides sharp or broad balances for quick and accurate readings. All readings are made simply and directly on six color coded linear calibrated scales. Employs Wien bridge circuit which insures accuracy and stability of measurements. Not affected by line-voltage variations. Portable walnut carrying case with sliding panel and removable hinged cover. Size, 6 1/4"x12 1/2"x3 1/4". Net wt. 9 lbs. For 110 volt, 50-60 cycle AC operation.

Solar Condenser "Quick Check"



D17181 — Model QC-1-60. With test leads and instruction. **YOUR PRICE**..... **\$11.61**

Quickly indicates condition of all types of paper, mica, air and electrolytic condensers without removing them from the circuit. Consists of a balanced RF oscillator, a visual indicator, a source of power to permit positive indication of good, shorted and open condensers. Intermitent detects and RF impedance of the condenser. Simple to operate. Housed in compact metal case. Size 5 1/2"x4 1/2" high. Wt. 5 1/2 lbs. For 110 volt, 60 cycle AC operation.

With Capacity Bridge



D17182 — Model BQC-1-60. Similar to above except combines the RF oscillator with a Wien bridge to perform condenser tests as mentioned above and also measure capacity from .00001 to 70 mfd., power factor and to serve as a continuity meter for circuit testing. **YOUR PRICE**..... **\$15.43**

All other Solar Instruments supplied promptly

C-D Service Mike



D17130— **YOUR PRICE**..... **\$221**

Provides a capacity range from 18.75 mfd. to 150 mfd. in twelve separate steps. Designed for emergency repair of motors employing electrolytic motor starting capacitors. Can be used to determine capacity required with a given motor where the original capacity is unknown. Enclosed in hermetically sealed aluminum container. Terminals are provided with test leads, clips and jumpers for connections. Size: 1 1/2"x3 3/4".

C-D "Test-Mike"



D17129 — "TEST-MIKE". Complete with Test Leads, Clips and Pilot Lamp. **YOUR PRICE**..... **\$5.88**

Contains the same capacitor unit as the "SERVICE - MIKE" except furnished in a heavy bakelite case with six toggle switches to facilitate selection of twelve capacity values from 18.75 mfd. to 150 mfd. A pilot lamp provides a method of observing that part of a motor starting cycle during which voltage is applied to the capacitor. Size 3 1/2"x5"x3 3/4".

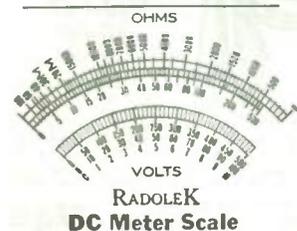
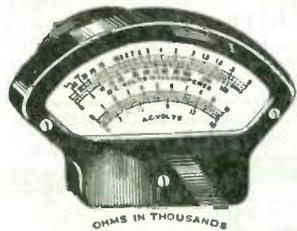
Compact Condenser Bridge



Has 3 direct reading scales marked in Mfd. to measure capacity from .00001 to 50 Mfd. Employs Wien bridge circuit using electric eye tube to show correct balance. Indicates power factor, open and shorted condensers, 110 volt, 60 cycle A.C. Walnut bakelite case, 3 1/2"x5 1/2"x3". Complete with instructions and test leads. Uses 1-12A7, 1-6AF6G tubes.

C17197—Model BN. Less Tubes. **YOUR PRICE**..... **\$9.70**

New Radolek Universal Foundation Meters



Foundation units for building a high class volt - ohm - milliammeter. All meters have rugged DC D'Arsonval movements with 2% accuracy, sapphire jeweled bearings, knife-edge pointers and zero adjustment. Supplied with either DC or AC-DC calibrated dial scales. AC-DC meters are for use with external rectifiers. All types have black bakelite cases. Fan Type Meters measure 4 1/2"x3 1/2" across front and mount in 2 1/2" round hole. 3 1/2" Round Meter fits 2 1/2" hole. Giant 5 1/4" Meter requires 1 1/2" hole. All meters extend 1 1/2" back of panel. Wiring diagram for building a multi-tester included.



0-1 Ma. DC Movement (1000 O.P.V.) Meter
 50 Ohms internal resistance. 0-1 Ma. DC movement.

Fan Type Meter
C10475—With DC Scale.
C10476—With AC-DC Scale.
YOUR PRICE, Each..... **\$4.41**

Round Meter
 Available with DC scale only.
D10290—3/2" Dia.
YOUR PRICE..... **\$4.66**
D10291—5/4" Dia.
YOUR PRICE..... **\$6.67**

5,000 Ohms Per Volt Foundation Meters

6-2.0 DC microampere movement. Meter resistance 50 ohms.
C10484—A-C, D-C. Scale. **C10486**—A-C, D-C. Scale.
C10485—D-C. Scale. **C10487**—D-C. Scale.
YOUR PRICE, EA...... **\$5.88** **YOUR PRICE, EA.**..... **\$4.98**

20,000 Ohms Per Volt Foundation Meters

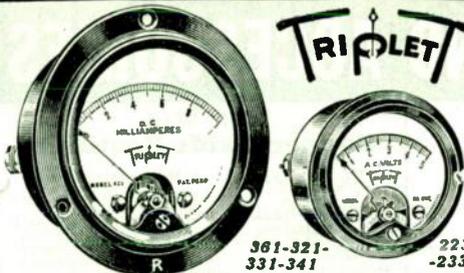
0-50 DC microampere movement. Meter resistance 1,550 ohms.
C10480—A-C, D-C. Scale. **C10482**—A-C, D-C. Scale.
C10481—D-C. Scale. **C10483**—D-C. Scale.
YOUR PRICE, EA...... **\$10.58** **YOUR PRICE, EA.**..... **\$9.98**

Aerovox Capacity and Resistance Bridge



D17200—Complete with Tubes and Testing Manual. **YOUR PRICE**..... **\$35.03**

Portable, easily operated Cap. and Resist. Bridge. Makes capacity, leakage and power factor tests of all condensers under actual working conditions. Built-in power supply provides any voltage between 15 and 600 volts. Capacity range .0001 to 100 mfd. in 6 ranges. Resistances of 10 ohms to 1 megohm are measured on 5 ranges. Insulation resistance can be read up to 10,000 megohms. Also provides following ranges for external tests: DC Ma., 0-0.06-0.300-600 at 1000 o.p.v. DC Ma., 0-6-60. Vacuum tube voltmeter measures other minute values. Readings are made from chart and meter. Three tubes are used: 6C8C, 45 and 1V. Red gumwood case has removable hinged cover and carrying handle. Size, 10 1/2"x7 1/2"x8 1/2". For 105-130 volt, 60 cycle operation.

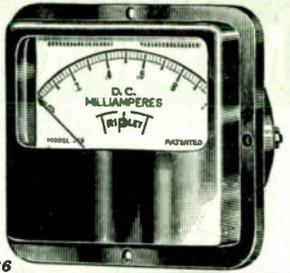


PRECISION METERS

D'Arsonval Moving Coil Type

Amateurs—Service Men—Engineers—Rugged dependable meters, accurate to within 2% at 70° F. Clear white enameled dial. Balanced aluminum indicating pointers. Zero adjustment. Genuine polished Sapphire jeweled bearings.

Models 321 DC—331 AC—341 RF—361 Watts: Flush type wide range, 3 1/2" diameter. Scale length 2 1/2" mounting hole required. Bakelite case. Models 223 DC—233 AC: Flush type. Fits into 2" hole. Metal case has narrow rim. Mounts with rear clamp. Models 326 DC—336 AC. 3" Square Type. Scale length 2 1/2". Wide range. Bakelite case. 2" Mounting hole required.



361-321-331-341

223-233

326-336

RF THERMO AMMETERS

With Internal Couples—Accuracy 2%

Stock Number	Amps. Range	Approx. Resis.	Model	Your Price
C10261	.5	.93	341	\$6.53
C10262	1	.35	341	6.53
C10263	1.5	.21	341	6.53
C10264	2.5	.13	341	6.53
C10265	5	.06	341	6.53

D. C. AMMETERS

Amps.	326	321	Net	223	Net
0-10	10196	10211	\$3.75	10226	\$2.94
0-25	10197	10212		10227	

A. C. MILLIAMMETERS

MA.	336	331	Net	233	Net
0-8		10236		10242	
0-500	10231	10237	\$3.75	10243	\$2.94

A. C. AMMETERS

Amps.	336	331	Net	233	Net
0-1	10232	10238		10244	
0-3		10239		10245	
0-10	10234	10240	\$3.75	10246	\$2.94

D. C. MILLIAMMETERS

MA.	Model 326 Sq.	321 Rd.	Your Price	Model 223 Rd.	Your Price
0-1	10186	10211	\$4.57	10216	\$3.75
0-5	10188	10209		10218	
0-10	10189	10204		10219	
0-50	10190	10205	\$3.75	10220	\$2.94
0-100	10191	10206		10221	
0-200	10192	10207		10222	
0-500	10194	10209		10224	
0-750	10266	10267		10214	
0-1000		10268		10215	

D. C. VOLTMETERS

1000 Ohms Per Volt

Volts	326	321	Net	223	Net
0-10	10121	10133	\$5.39	10145	\$4.24
0-100		10134	5.71	10146	5.06
0-300	10123	10135	6.53	10147	5.72
0-500		10136	7.18	10148	6.53
*0-750		10271	8.98	10274	7.84
*0-1000		10272	10.45	10113	9.31
*0-2000		10273	16.17	10114	15.01

*Supplied with external multiplier.

D. C. VOLTMETERS

125 Ohms Per Volt

Volts	Model 326 Sq.	321 Rd.	Your Price	Model 223 Rd.	Your Price
0-10	10115	10127	\$3.75	10139	\$2.94
0-50	10116	10128		10140	
0-150	10117	10129		10141	
n-250		10130	\$4.57	10142	\$3.75

A. C. VOLTMETERS

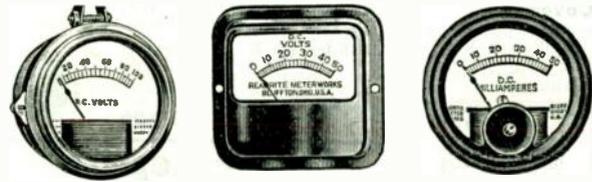
Volts	336	331	Net	233	Net
0-1.5		10162		10173	
0-6				10178	
0-10	10154	10165	\$3.75	10176	\$2.94
0-15	10171	10175		10182	
0-25		10168		10177	
0-100		10169		10179	
0-150	10158	10169	\$4.57	10180	\$3.75
0-300	10159	10170	5.39	10181	4.73

WATTMETERS—Amateur Type

Model 361—With External Shunt

Stock Number	Range Volts	Volts Limit	Millis Limit	Your Price
C10275	250	100v	250	\$12.00
C10276	500	1500	350	17.38
C10277	750	2000	350	13.45
C10278	1000	3000	350	16.34
C10283	1000	2500	400	15.69

Readrite Panel Meters



Accuracy guaranteed within 5%. White dial, black lettering, metal shell. Mounting clamp included. Requires 2 1/2" mounting hole.

D. C. Voltmeters

Without Zero Adjustment 55 Round 3 Square

With Zero Adjustment 59 Round

Stock Num.	Your Price	Stock Num.	Your Price	Scale Volts	Ohms Resist.	Stock Num.	Your Price
A10300	59c	A10380	79c	0-1	30	A10311	73c
A10301		A10381		0-3	175	A10314	
A10302		A10382		0-6	550	A10315	
A10304	59c	A10383	79c	0-8	850	A10317	73c
A10365		A10384		0-10	1,475	A10318	
A10308		A10386		0-25	1,625	A10321	
A10309	\$1.03	A10387	\$1.21	0-50	3,250	A10322	\$1.18
A10311		A10388		0-150	9,750	A10324	

D. C. Milliammeters

Model 55	Model 95	Model 55	Model 95
A10326	\$1.32	A10389	\$1.53
A10327	1.18	A10390	1.39
A10328		A10391	
A10329		A10392	
A10330	59c	A10393	79c
A10331		A10394	
A10332		A10395	

D. C. Ammeters

Model 55	Model 95	Model 55	Model 95
A10334	\$1.03	A10396	79c
A10335	59c	A10397	79c
A10336		A10398	
A10337		A10399	

A. C. Voltmeters

Stock Num.	Your Price	Scale Volts	Stock Num.	Your Price
A10351	\$1.62	0-10	A10430	\$1.82
A10352	\$2.65	0-15	A10431	\$2.85
A10353		0-50	A10432	\$2.85
A10354	4.56	0-750	A10433	4.76

A. C. Ammeters

Stock Num.	Your Price	Scale Amps.	Stock Num.	Your Price
A10355	\$1.62	0-5	A10434	\$1.82
A10356	\$1.62	0-10	A10435	\$2.40
A10357		0-50	A10436	
A10358	1.62	0-50ms.	A10437	1.82

Metal Meter Cabinets

Conveniently and safely houses any 2" or 3" meter. Finished in marine gray ripple enamel with red striped chrome trim. Size 1 1/2" x 4 1/2" x 1 1/2" high.

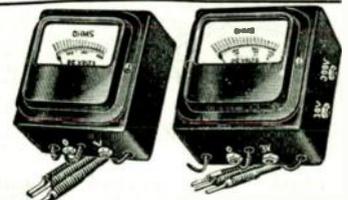
D17962—With 2" Hole.
D17963—With 2 1/2" Hole.
YOUR PRICE, Each

88c



Readrite Volt-Ohmmeters

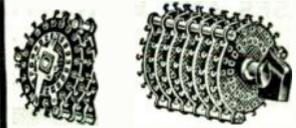
Handy pocket size instruments adaptable to voltage and continuity testing of radio receivers. Testers have square Readrite meters with large easy-to-read dial scale. Case in black wood. Test leads attached with switch terminal jacks at sides. Size only 2 1/2" x 2 1/2". Complete with self-contained 3 volt battery.



C10248—Ranges: DC Volts, 0-300 Ohms, 0-10,000.
YOUR PRICE..... \$2.20

C10249—Ranges: DC Volts, 0-30-3000. Ohms, 0-10,000.
YOUR PRICE..... \$2.79

Rotary Switches



Especially designed for use in testing equipment. 19 active on/off positions per deck. Smooth operating, new positive click type. Low resistance contacts. Single hole mounting. Bakelite insulation. Bakelite pointer knob included.

Stock Number	Decks	List Price	Your Price
A11093	One	\$2.00	\$1.30
A11094	Two	2.50	1.63
A11095	Three	3.00	1.96
A11096	Four	3.50	2.29
A11097	Five	4.00	2.62
A11098	Six	4.50	2.94
A11099	Seven	5.00	3.27

Tuning Meters



For Accurate Visual Tuning

For replacement in A.V.C. sets. With Type TM103 circuit is brought into resonance when needle swings to farthest point. Has opaque dial with window at bottom for illumination from tuning dial light. Type TM121 has shadow effect to indicate resonance. To select proper tuning meter, it is necessary to know plate current of tubes with which used. Less escutchion. Type TM121 supplied with 6.3 volt bulb.

F. Scale Deflect.	Type TM103	Type TM121	YOUR PRICE
5 M.A.	K10362	K10368	88c
7 M.A.	K10363	K10367	
10 M.A.	K10364	K10368	
15 M.A.	K10366	K10369	Each
Escutch.	K10370	K10371	18c

Filament Meter

Special Value Oxidized Bronze Flange 2 1/2" in dia. Mount 2-in. hole. 0-10 volts D.C.

Readrite Meter Flange

Wide flange 2 1/2 inches diameter. Fits any Model 55 Meter for flange mounting. Black finish.



A10359—YOUR PRICE..... 29c

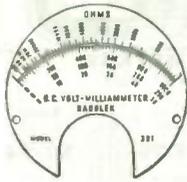
A10361—YOUR PRICE..... 9c

A10360—YOUR PRICE..... 88c

METER REPAIR SERVICE AND ACCESSORIES

Meter Dial Scales

Designed for use with one milliampere movement meters but can be used on other meters by adjusting circuit. Two types are available: etched metal and printed Bristol board. For greatest satisfaction we recommend the etched metal dials. These have clear black numerals and scales etched on white silver background.

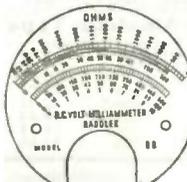


DC Volt Milliammeter Scale

Upper scale calibrated in ohms for use with 4 1/2 volt battery. 50 divisions marked 50, 250, and 1000 for D.C. Volt, and Milliamp. Ranges.

Etched Dial Stock Num.	For Meter	Printed Dial Stock Num.
C10650	Weston Model 301	C10640
C10651	Jewell Type 88	C10641
C10652	Jewell Type 54, 199	C10642
C10653	Triplet Model 321	C10643

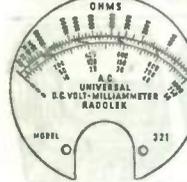
DC Volt-Ohms Ma. Scale



Upper scale is for 4 1/2 volt Ohmmeter. Middle scale indicates ohms when unknown resistance is shunted across 50 ohm movement carrying 1 M.A. Lower scale has 50 uniform divisions marked, 10, 100, and 500 volts. Use resistor in series with meters less than 50 ohms resistance.

C10657	Weston Model 301	C10644
C10658	Jewell Model 88	C10646
C10659	Jewell Model 54, 199	C10647
C10660	Triplet 3 1/2" 321	C10649
C10661	Triplet 5 1/2" 521	C10654

AC-DC Scale



For use with Weston Universal A.C.-D.C. Meter or equivalent 1 Mill. meters equipped with copper oxide rectifiers. 50 scale divisions marked 50, 250, 1000 volts or Milliampers according to external circuit employed. Top Scale in ohms for 4 1/2 Volt battery.

C10665	Weston Model 301	C10662
C10666	Jewell Model 88	C10663
C10667	Triplet Model 321	C10664

Etched Dials YOUR PRICE **39c** Each
Printed Dials YOUR PRICE **18c** Each

Continental Carbon Precision Resistors



Precision 1 watt carbon resistors each hermetically sealed in glass and moulded into a bakelite shell. Impervious to moisture and exceptionally stable. Suitable for use in radio servicing equipment, photo-electric circuits, television sets, etc. Supplied in two accuracies, $\pm 2\%$ and $\pm 5\%$. Size, 1 1/2" long x 1/4" dia.

$\pm 5\%$ Acc. Stock Num.	Resis. Ohms	$\pm 2\%$ Acc. Stock Num.	$\pm 5\%$ Acc. Stock Num.	Resis. Ohms	$\pm 2\%$ Acc. Stock Num.
C3691	100	C3700	C3672	40,000	C3718
C3693	400	C3701	C3673	60,000	C3719
C3694	500	C3702	C3675	75,000	C3720
C3695	1,000	C3703	C3676	85,000	C3721
C3695	2,950	C3704	C3677	90,000	C3722
C3657	4,000	C3705	C3678	100,000	C3723
C3658	4,450	C3706	C3679	150,000	C3724
C3659	4,950	C3707	C3680	200,000	C3725
C3660	5,000	C3708	C3681	250,000	C3726
C3663	7,450	C3709	C3682	300,000	C3727
C3664	8,500	C3710	C3683	400,000	C3728
C3665	8,950	C3711	C3684	450,000	C3729
C3666	9,950	C3712	C3685	490,000	C3730
C3667	10,000	C3713	C3685	500,000	C3731
C3669	15,000	C3714	C3686	600,000	C3732
C3697	20,000	C3715	C3687	750,000	C3733
C3670	25,000	C3716	C3689	900,000	C3734
C3671	30,000	C3717	C3690	1 Meg.	C3735

Accuracy $\pm 2\%$ YOUR PRICE **29c** Each
Accuracy $\pm 5\%$ YOUR PRICE **18c** Each

Manganin Resistance Wire

Double Silk Covered

Use 30 gauge for all series multiplier purposes. 26 gauge for shunts carrying less than 50 MA. 22 gauge for shunts up to 1000 MA. Temperature coefficient 0.00025 ohms per °C. Practically no thermal co-efficient in contact with copper.

Stock Num.	Feet	Wire Size	Ohms Per Foot	Your Price
D4800	10	22	0.452	\$0.25
D4805	100	22	0.452	1.21
D4801	25	28	1.147	.25
D4806	200	28	1.147	1.05
D4802	30	30	2.899	.25
D4807	300	30	2.899	1.15

Bare Resistance Wire

For use at extreme high temperatures in heater elements. Temperature co-efficient 0.00112 ohms per °C up to 500° and fairly constant to 1000° C. Non-oxidizing in air. Non-magnetic.

D4803	10	22	1.015	.25
D4808	100	22	1.015	1.10
D4804	60	32	10.150	.25
D4809	500	32	10.150	1.10

Full Wave Copper Oxide Rectifiers



Type A 5 Milliampere Capacity
1/4" Square, 3/32" Mtg. Ctrs.

Miniature copper oxide rectifier. Guaranteed the finest made. For converting D.C. instruments drawing less than 5 milliamperes to A.C.
K3850—
YOUR PRICE **\$2.59**



Type B 20 Milliampere Capacity
Size 1/4" round disc, 3/16" long

Medium miniature size copper oxide rectifier for use in A.C. circuits of less than 5000 cycles frequency and rectifying not over 20 milliamperes D.C. Has 6-32 insulated mounting bolt.
K3851—
YOUR PRICE **\$1.95**



Type C 40 Milliampere Capacity
Size 3/8" round disks, overall size 1 1/4" x 1"

Copper oxide rectifier for A.C. circuits of less than 5000 cycles frequency and not to exceed 40 milliamperes D.C. current. Excellent for rectification of 110-115 volt A.C. current for field excitation of dynamic speakers with 2250 to 3000 ohm field.
Not recommended on circuits exceeding 600 volts.
K3852—
YOUR PRICE **\$1.75**

Conant "CRS" Rectifiers

Especially designed for use with DC meters in making AC measurements. Complete instructions included with each rectifier.

A3853—Type B—Very small full-wave rectifier. Very efficient at high frequencies. Max. rating 10 volts AC input and 5 Ma. output. Body size, 1/2" x 1/4" x 1/4".
A3854—Type M—Full wave rectifier. Used in many test instruments. Rated 10 volts AC input max. with 20 Ma. output. Can be overloaded 200% at intervals. Size 1/2" x 1/4" x 1/4".
YOUR PRICE, Each... **\$2.06**

Meter Repair Service



BEFORE AFTER

Guaranteed Precision Meter Repair Service for burned out or damaged meters. Typical rates given below, for other repairs send meter for quote. Send Prepaid. We return collect.

1. Burned out or open armatures of standard 301 type 3 1/2" meters, including polishing of jewels and three point calibration.
YOUR COST... **\$3.75**

2. Repair of Sluggish or Erratic movement of meters where armature is not burned or shorted, also cleaned and calibrated.
YOUR COST... **\$2.95**

Any additional parts required, such as pointers, springs, zero adjuster, Jewel screws, case, glass, etc., will be charged for at the lowest prices.
Note: Be sure your name, address, and instructions are attached to merchandise you send in.

Analyzer Case

Oak or Walnut
K15805—
YOUR PRICE **\$2.95**

A professional type carrying case for your portable instruments. Takes standard 7 1/2" x 14" x 3 1/2" bakelite panel listed at left. Partition for panel support provides room for analyzer cable, test leads, etc. Inside dimensions 8 1/2" x 14" x 3 1/2" deep. Slit-hinged cover has 1 1/2" inside clearance. Metal handle. Clasp lock. Lacquer finished.

INSTRUMENT CASES AND BAKELITE PANELS

High quality walnut or oak cases. Natural finish, hand rubbed and lacquered. Especially designed for custom built test equipment.

They give to your equipment that professional laboratory appearance. Exceptionally strong. Interlocking corner joints. Rounded corners.

Standard Model—Less Cover

Oak or Walnut
K15800— For Panel 4 1/2" x 7". Inside size: 4" W., 6 1/4" L., 3 1/4" D.
K15801— For Panel 5 1/2" x 8 1/2". Inside Size: 4 1/2" W., 7 1/4" L., 4 1/4" D.
K15808— For Panel 5 1/2" x 7". Inside Size: 5 1/2" W., x 8 1/4" L., x 4" D.
YOUR PRICE, Ea. **79c**

Portable Case—With Cover

Imitation Leather Covered
Body built of thin but very strong wood. Covered outside and top rim with finest quality black leatherette. Attractively grained. This case will stand years of hard service. Takes any 5 1/2" x 8 1/2" panel. Leather handle. Detachable cover with clasp lock. Height 6 1/2" inches.
K15804—
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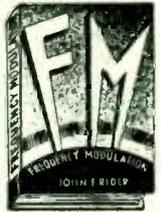
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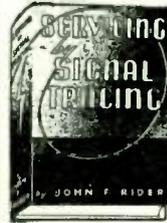
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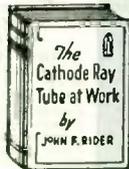


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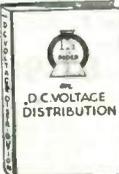
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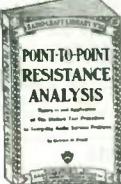
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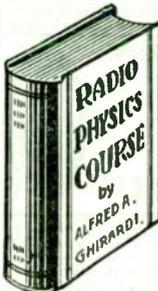
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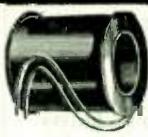


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(Continued from opposite page)

Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price	Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price
Zenith Pt. 49-27, Models 52, 53, 54, 57, 60, 61, 62, 64, 67, 71, 72, 73, 77, 712, 722, 732, 742, (Oxford) Above (L118) 5M191, 6M192, 6D119 6N191	12 12 1/2 5	16129 16238 16271 16272	\$1.70 1.70 .73 .73	Zenith (Cont.) Pt. 49-102, Models 5F134, 5F235, 5F233 Pt. 49-81 Pt. 49-115 Pt. 49-116, 49-152 Pt. 49-117 Pt. 49-143 Pt. 49-162 Pt. 49-237, 49-238, 49-242, 49-282	6 1/2 6 3/8 5 8 8 6 1/2 6 1/2	16219 16270 16090 16015 16041 16089 16219 16042	\$0.88 .88 .73 1.32 1.32 .88 .88



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Bosh 5A 505, 515	2,000 1,500	5502 5547	2.35 1.65	70, 70 (A.V.C) 90 (With Spkr.), 470, 490 (Pt. 02987 coil only)	3,600	5618	1.18
Brunswick D11 12, 16, 33, 88	2,400	5504	2.47	Silver Marshall 30 (Jensen)	1,900	5642	2.59
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Grunow 5A 5B	1,850 2,500	5530 5528	2.35 1.18	Stewart Warner 116A	2,000	5609	1.18
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FOR AUTO SETS Replacement Cones

Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price	Set, Spkr. Mod. or Part Num.	Dia. In.	Stock No.	Your Price
Arvin 10 (Operadio) 18, 41 467, 518 518, 568	5 6 1/2 5 5	16018 16270 16271 16044	.73 .88 .88 .73	Cadillac—5X	6 1/2	16253	.88
Crosley—A157	5	16352	.73	Motorola—45 60, 88, 100 65 65 (Rola K8B) 65, 70 (Jensen) 75 (Jensen F6R) Golden Voice	6 1/2 7 3/4 8 8 6 1/2 10	16355 16078 16356 16085 16079 16089 16087	.88 1.32 1.32 1.32 1.32 .88 1.62
Delco 500, 630, 1210540 623, 632, 1106, 3205 631, 640 (Operadio) 631, 640, 4009 (Mal.) 1663 665, 666 R1135, R1193 4048	6 1/2 6 1/2 5 1/2 5 5 5	16045 16210 16286 16105 16352 16046 16124 16055	.88 .88 .73 .73 .73 1.32 .73 .73	Philco 3 (Pt. 02990) 5, 11, 48, 51, 51A, 52, R, J (Nash, Stude), Hup., R (Chr. G. Dodge, Ply.) (Pt. 02861)	8 5 1/2	16152 16156	.73 .59
Ford—G24 (Maj.) C34, F1540 (Philco) C32 (Philco) F1640 (Philco)	6 6 6 7 1/2	16120 16161 16380 16236	.88 .59 .59 .59	700, G-122 (Chr. 6, Ply, Dodge, Chr. Airf., Des. Airf., Hup.) Q (Nash, Stude) (Pt. 36-3157) 805, 806 (Pt. 36-3406) Model C32 Ford, 816, FT9 Model C1608	7 1/2 6 6	16154 16379 16380 16297	.73 .59 .59 .59
Gen. Elect.—B40	5	16062	.59	RCA-M34, 105	5	16062	.59
General Motors Chevrolet—601308 985200 985225, 985400 985252 985283 985284 985285 985300 985301 985428 (Mag. 1D-1400)	5 1/2 5 1/2 6 1/2 8 8 8 8 1/2 5 1/2	16078 16273 16078 16270 16080 16082 16083 16070 16105	1.32 .73 1.32 .88 1.18 1.18 1.18 1.32 1.32	Stewart-Warner R232, R131	6 1/2	16139	.88
B-O-P—405062 982084, 982126 983534 983526 1304873, 3272749	8 8 8 8 8	16078 16205 16085 16205 16139	1.32 1.32 1.32 1.32 1.32	Wells Gard. 6L 05A, 05BA 6K 6J	5 1/2 5 6 1/2 6 1/2	16272 16010 16283 16253	.88 .82 .88 .88

Speaker Field Coils For APEX, GLORITONE U. S. Radio Television and Montgomery Ward Sets

High grade coils. Wound more accurately and impregnated more thoroughly than the originals.

Set Model	Spkr. Num.	Stock Num.	Field Ohms	I. D.	O. D.	L.
26	2286	D5466	*11,500	1 1/4	2 3/8	1 1/2
26A	2467	D5474	*11,500	1 1/4	2 3/8	1 3/8
26P	2758	D5468	*11,500	1 1/4	2 3/8	1 3/8
26P	2925	D5469	*11,500	1 1/4	2 3/8	1 3/8
27	1936	D5471	11,000	1 1/4	2 3/8	1 3/8
8A	2801	D5473	16,000	1 1/4	2 3/8	1 3/8
10B	2802	D5474	16,000	1 1/4	2 3/8	1 3/8
99A	3261	D5475	1,000	1 1/4	2 3/8	1 3/8
31		D5476	2,500	1 1/4	2 3/8	2 3/8
21		D5477	2,500	1 1/4	2 3/8	2 3/8
46		D5478	2,500	1 1/4	3	3

Magnetic Speaker Replacement Coils

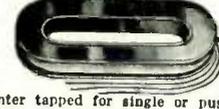
For Utah Orthodox Speakers



Exactly duplicate coils of 5, 6, 8 and 12" Utah Orthodox speakers. All coils center-tapped for either single or push-pull output tubes.

D5680—High Impedance Type (For tube output of 12,000 ohms or over).
D5681—Medium Impedance Type (7000 to 12,000 output impedance ohms).
List Price, 75c.
YOUR PRICE, Each 44c

For Best Kinematic



Center tapped for single or push-pull tubes.

D5695—High Impedance Type (For tube output of 12,000 ohms or over).
D5696—Medium Impedance Type (7000 to 12,000 ohms output impedance).
List Price, 75c.
YOUR PRICE, Each..... 44c

Universal Field Coils

Fits Pole Piece 1/4 to 3/8". Length 3/4 to 1" Outside diameter 1 1/4".

D5436—450 Ohms	List Price, \$1.00 Your Price Each... 59c
D5457—1000 Ohms	
D5458—1500 Ohms	
D5459—2000 Ohms	
D5460—2500 Ohms	

Fits Pole Piece 3/4 to 1". Length 3/4 to 1". Outside diameter 2".

D5455—450 Ohms	List Price, \$1.50 Your Price Each... 88c
D5450—1000 Ohms	
D5451—1500 Ohms	
D5452—2000 Ohms	
D5453—2500 Ohms	

For RCA Radios

D5700—Used in RCA 30, 100 and Western Electric 540AW.
D5701—Used in RCA 30A, 50, 51, 100A, 100B and 103.
Each, Per Pair. **44c**

Magnetic Speaker Coils

Rewound or Duplicated DX11955—Send speaker coil only and we will rebuild or duplicate it. State type of output tubes with which speaker coil is to be used. Send prepaid. Be sure your name and address is on the package.
YOUR PRICE 85c

Dual Winding Field Coils

Windings may be connected either in series or parallel to provide a more universal resistance replacement range. Can also be used to replace any field coil having resistance within 10% plus or minus of values given below. Coils are supplied with insert tubes to decrease inside diameter 1/4" and 3/8" to fit smaller pole pieces. Washers increase length of coil up to 1/4" more. Accurately wound.

Stock Number	Resistance Parallel	Resistance Series
D5400	419	1,675
D5401	625	2,500
D5402	750	3,000
D5403	1,000	4,000
D5404	1,250	5,000

Size: 1 1/4" ID, 2" OD, 1 1/4" Long

Stock Number	Resistance Parallel	Resistance Series
D5405	419	1,675
D5406	625	2,500
D5407	750	3,000
D5408	1,000	4,000
D5409	1,250	5,000

Size: 1 1/4" ID, 2 1/4" OD, 1 1/4" Long

Stock Number	Resistance Parallel	Resistance Series
D5410	419	1,675
D5411	625	2,500
D5412	750	3,000
D5413	1,000	4,000
D5414	1,250	5,000

Size: 1 1/4" ID, 2 1/4" OD, 1 1/4" Long

Stock Number	Resistance Parallel	Resistance Series
D5415	419	1,675
D5416	625	2,500
D5417	750	3,000
D5418	1,000	4,000
D5419	1,250	5,000

Size: 1 1/4" ID, 2 1/4" OD, 1 1/4" Long

List Price, \$3.10.
YOUR PRICE, All Types, Each..... \$1.82

UTAH and BEST Magnetic Speaker Coils Installed

All work is done under the direction of skilled experienced speaker engineers. We guarantee that the repaired speaker (assuming that only the coil is defective) will be returned to you in perfect working condition.

DX11950—Coils replaced in any size Utah Orthodox or Best Kinematic magnetic speaker. Send in defective speaker transportation charges prepaid. Be sure to state type of output tubes with which speaker is to be used. Price includes cost of coil. Be sure your name and address is on package.
YOUR PRICE 95c



Radio Noise Filters



Continental Filternoys

For Elimination of Electrical Radio Interference

Each unit is a complete filter, containing the correct capacitors or combination of inductances and capacitors, to effectively reduce or eliminate man-made static. For most effective noise elimination correct interference at source.

Suppression Type Units For Use At Interference

Combination capacitive-inductive type with capacitors shunted across receptacle. Prevents interference from entering power lines.

Rejection Type Units For Use at the Radio Set

Combination capacitive-inductive type with capacitors shunted across prong terminals. Prevents noise from entering the receiver power supply.

For Grounded Lines

C8411—Suppression Unit. Type F01H.
C8416—Rejection Unit. Type R01H.
 List Price, 75c.
YOUR PRICE, Either Type..... 44c

Plug-in type. Will work very efficiently in eliminating moderate interferences on power supply lines having one side grounded. For 110 volt AC or DC lines with loads up to 300 watts. Metal case, 1 1/2 x 2 1/2".

For Ungrounded Lines

C8412—Suppression Unit. Type F01DH.
C8413—Rejection Unit. Type R01DH.
 List Price, \$1.00.
YOUR PRICE, Either Type..... 59c

Plug-in type with lead for connection to suitable ground or frame of device causing interference. Efficiently blocks moderate interferences on ungrounded power lines of 110 volts AC or DC. Type F01DH rated 330 watts; type R01DH, 550 watts. Metal case, 1 1/2 x 2 1/2".

For Severe Interference Noises

C8408—Rejection Unit. **C8406**—Suppression Unit.
C8409—Rejection Unit. Type F505D1H. For 110-220 AC or DC lines, up to 250 volt AC or DC lines up to 300 watts. List, \$3.00.
YOUR PRICE..... \$176

Aluminum container. For elimination of severe noises on grounded or ungrounded lines. Has plug-in receptacle, 36" cord with plug and ground connection lead.

Wire-In Type Suppression Units For Permanent Installations

C8415—Type G01BH. List, \$1.00.
YOUR PRICE 59c

C8407—Type F1005DH. List, \$5.00.
YOUR PRICE \$294

Condensers grounded to container. For 110 volt AC or DC lines, up to 300 watts load. Size 1 1/2 x 3 3/8".

Wire-In Type Diverter Units

Employ capacitors only to divert interference from the high potential side of power line to ground. Use of field coils of motors as chokes makes a very effective method of silencing noisy motors. Units have no current limitation.

C8414—Type G01D. Dual capacitors grounded to case. Size 2 1/2 x 1 1/2". For 110V. lines.
C8419—Type G14T. Triple capacitors grounded to case. For use on hand operated motor driven devices. Size 2 1/2 x 1 1/2".
PRICE, Each... 29c

For Severe Cases C8409—Type F05D. List, \$2.50.
YOUR PRICE... \$147

Dual capacitor in aluminum container with mounting bracket. For obstinate cases of noise interference. Separate ground lead. For 110-220 V. AC or DC. Size 2 1/2 x 1 1/2".

Plug-in Diverter For Use at Appliance or Radio

C8410—Type F18. List, 50c.
YOUR PRICE 29c

Display Card of 24 for \$6.35

In most cases, very effectively eliminates interference noise from home appliances, shavers, etc. Consists of 0.1 mfd. capacitor in compact bakelite plug-in case. For 110 volt AC or DC lines.

Radiation Suppressor

C8418—List, \$1.50.
YOUR PRICE... 88c

Type OB15. Carbon element suppressor for use on ignition systems of oil or gas heating systems. 15,000 Ohms in insulating jacket. Two usually required for each installation. Size 3 1/2 x 1 3/8". Solderless connections.

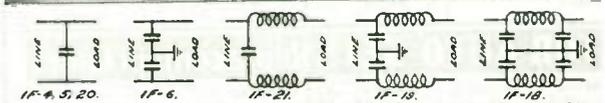
Belden Power Line Filter

Effective on Both Short-Wave and Broadcast Bands
D8405—Type 8100. List, 9.50.
YOUR PRICE..... \$558

An efficient power line filter for use at the radio or interference source. Efficient with all types of receivers. Effectively reduces power line interference on both broadcast and short wave bands. Incorporates two dual condenser sections with two dual high "Q" choke coils. Separate ground connection is provided by three wire power supply cord. Maximum load rating, 3 amperes. For use on 110 volt AC or DC lines.

Underwriter's Approved

Cornell-Dubilier "Quietone" Interference (Radio Noise) Filters



Every Quietone is a complete filter containing the correct condensers or combinations of chokes and condensers to very effectively eliminate practically every man-made noise that is radiated through power lines. Capacitive-inductive type units will eliminate the most severe noises in both broadcast and short-wave receivers. IF-6, IF-18 and IF-19 have split capacitor with separate ground connection for attaching to frame of motor or suitable ground. All units for use on 110 volts AC or DC with loads up to 550 watts, except IF-21 takes up to 175 watts.

For Preventing Interference Pick-up at the Radio Receiver

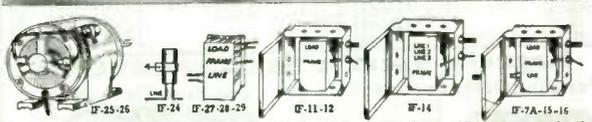
C-D Type	Stock Number	Walnut	List Price	Your Price Each	Type	Case	Size Inches
IF-4	C8905	C8907	\$0.75	\$0.44	Capacitive	Metal	1 1/2 x 2
IF-18*	C8906	C8908	5.00	2.94	Cap.-Ind.	Metal	3 1/2 x 5 x 2 1/2

For Correcting Interference at the Source

Specifically designed for use with home appliances and other portable equipment.

Type	Stock Number	List Price	Your Price	Type	Case	Size Inches	
IF-20	C8909	C8935	0.50	0.29	Capacitive	Bakelite	1 1/2 x 1 1/2
IF-5	C8930	C8936	0.75	0.44	Capacitive	Metal	1 1/2 x 2
IF-6*	C8931	C8937	1.25	0.73	Capacitive	Metal	1 1/2 x 2
IF-21	C8932	C8938	2.50	1.47	Cap.-Ind.	Porcelain	2 1/2 x 3 x 2 1/2
IF-19*	C8933	C8986	4.00	2.35	Cap.-Ind.	Porcelain	2 1/2 x 3 x 2 1/2
IF-18*	C8906	C8908	5.00	2.94	Cap.-Ind.	Metal	3 1/2 x 5 x 2 1/2

C-D Quietones for Industrial Equipment For Use at the Interference Source



For elimination of interference caused by motors, generators, oil burners and other industrial electrical apparatus. Designed for quick installation. Capacitive type units have no current limitations. All units for single phase circuits except IF-14 is for 2 or 3 phase (3 wire) circuits.

C-D Type	Stock Num.	Line Volts	Type	Max. Amps.	Size Inches	List Price	Your Price
IF-24	C8987	110	Capacitive		1 1/2 x 2	\$0.75	\$0.44
IF-25	C8988	110/220	Capacitive		1 1/2 x 3 1/2	3.00	1.76
IF-26	C8989	110/220	Capacitive		1 1/2 x 5 1/2	5.00	2.94
IF-27	C8990	110	Cap.-Ind.	5	5 x 3 x 3 1/2	4.50	2.65
IF-28	C8991	110	Cap.-Ind.	10	5 x 3 x 3 1/2	8.00	4.70
IF-29	C8992	110	Cap.-Ind.	20	7 x 3 x 3 1/2	14.00	8.23

Housed in Cut-Out Boxes With 1/2" and 3/4" Knockouts

IF-11	IF-12	IF-14*	IF-7A	IF-15	IF-16
C8993	C8994	C8995	C8996	C8997	C8998
110	110/220	110/220	110/220	110/220	110/220
Capacitive	Capacitive	Capacitive	Cap.-Ind.	Cap.-Ind.	Cap.-Ind.
6	6	9	5	10	20
6 x 6 1/4	6 x 6 1/4	9 x 6 1/4	6 x 8 x 4	9 x 9 x 4	8 x 12 x 5
7.00	10.00	14.00	7.50	15.00	22.00
4.11	5.88	8.23	4.41	8.82	12.94

Tube Power Line Filterettes

For Use on 110 Volt AC or DC Lines

Plug-In Types

D8374—Razor Filterette. Reduces interference from electric razors and clippers. Bakelite case. Underwriters' Listed. **YOUR PRICE... 59c**

D9986—Model 7. Capacitive type filter in metal case. Price, Each **EITHER TYPE... 59c**

D9985—Filterette Jr. Has terminal post for ground connection. Underwriters' Listed. **PRICE EACH... 73c**

Type RF-2 C8376—List, \$4.75.
YOUR PRICE \$279
 250 Watt Capacity

An efficient power line filter for use at the radio receiver. Has dual inductances and capacitors. Plug-in construction with ground terminal post. 1' Power cord. Housed in metal case.

Everyday Shop Necessities

Cabinet Repair Kit



C5708—
YOUR PRICE
\$1.91

A complete, practical kit for cabinet repair jobs. Easy to use—with a little practice anyone can do as good a touchup job as a professional cabinet finisher. Material included makes possible a professional job on dents, knicks and scratches in wood, plastic or bakelite cabinets, knobs, etc. Kit includes Magic Scratch Remover for slight scratches; 9 assorted Shellac Sticks for deep knicks; bottles of light and dark oil stain; metal shading lacquer; polish; alcohol lamp with fuel; spatula touch up brushes; steel wool; sandpaper; and wiping cloth. Kit comes in handy black leatherette finish box.

Creme-O-Wax Polish

C5706—9 oz. Bottle. YOUR PRICE **27c**
C5707—16 oz. Bottle. YOUR PRICE **44c**

For Radio Cabinets, Pianos and All Fine Furniture. Polish the cabinet of a repaired set before you return it to your customer. Then sell him this quality polish made particularly for light and dark radio cabinets. Contains no oil. Leaves a hard film of glossy protective wax.

Radio Service Solvent

For loosening cement on speaker cones, spiders and voice coils. Can also be used as a solvent or thinner for most cements listed on this page. Makes an excellent cleaner for volume controls and contacts.



C5704—1 oz. Bottle. YOUR PRICE **29c**
C5705—4 oz. Bottle. YOUR PRICE **44c**

Non-Slip Dial Compound

C5712—Your Price **18c**

For aiding in repair of slipping, friction and cable or cord driven dials. Saves much work and insures a perfect job. Easy to use. Powder form. Should be applied freely to all slipping parts. Generously supply in cardboard container: 2"x3 1/4" high.



Radio Contact Lubricant

C5710—2 oz. Bottle. YOUR PRICE **21c**

Eliminates noise on controls and contacts. Protects from dirt and dust. Insures proper and lasting repairs for all air-exposed contacts. Used for lubricating switches, tube prongs, etc. etc. Cleanses and lubricates. A cream solution, cannot spill.



Speaker Centering Shims

C5750—Celluloid. Your Price, Per Kit. **35c**

For centering and adjusting cone in pole piece of speaker. Insure simple, positive—spacing and centering for Voice Coils and Armatures. Makes Speaker Repairs and replacements easier to handle. Kit includes four each of 5 size shims in following thicknesses—.005", .0075", .010", .0125", and .015". Shims are made of very flexible celluloid. Each shim is distinctively colored to denote size.



Speaker Centering Shims

Swedish Steel

C5751—Your Price, per Kit. **38c**

Serve same purpose as above shims but are made of best grade Swedish Steel. Very flexible yet strong enough so that with reasonable care will last a life time. 4 each of 4 sizes are furnished in a handy gold lettered partitioned snap case—.004", .008", .008", and .010 inches. Color coded to indicate different sizes.



Dial Lite Coloring

K5715—List, 50c. Your Price **29c**

Kit includes five 1/4 oz. screw top bottles: Red, Green, Blue, Amber and Solvent. Dip dial in light in the coloring and the job is done. Dries in one minute. Color remains permanently. Many new sets have several colored dial lites, replace with one of the same color and ask more money for the job.



Adhesive Rubber Cushion

Stops Rattles and Vibrations

10 Feet Roll K5740—**20c**

1/8" thickness K5741—**24c**

1/4" thickness K5742—**32c**

50 Feet Roll. K5743—**\$1.10**



K5744—1/8" thickness. **\$1.35**
A live sponge rubber material that can be quickly and easily applied wherever the prevention of vibration or shock is desired. 3/8" wide. Coated with an adhesive compound that instantly seals with slight pressure. Rubber may be compressed to one-half normal thickness. Uses: Cushions radio chassis, speakers, vibrators, condensers, etc.

New Air Drying Black Crystallizing Lacquer

No Baking or Heating Required

N5724—3-oz. Can. YOUR PRICE **21c**

K5717—Half-Pint. YOUR PRICE **59c**

K5718—Pint can. YOUR PRICE **\$1.05**

K5719—Quart can. YOUR PRICE **\$1.76**



Gives any metal a professional crystalline (crackle) finish. Easy to work with—just paint the panels and let it air dry. Dries in twenty minutes. Produces small swirling type designs.

Gray and Brown Crystallizing Lacquer

A5770—Gray } YOUR PRICE

A5771—Brown } 2 Oz. Can. Ea. **21c**

C5772—Gray } YOUR PRICE

C5773—Brown } 8 Oz. Can. Ea. **59c**

E5793—Gray } YOUR PRICE

E5794—Brown } 16 oz. Can. Ea. **\$1.05**

Note: Other colors are available on special order.

Cement for Bakelite Glass or Metal

K5730—YOUR PRICE, PER CAN **21c**

Made for sticking Bakelite to Bakelite, glass, metal parts, etc. For cementing loose inserts, moldings, tube base, caps, etc. Finds many uses around the shop. Generous supply in metal can.



Furniture Scratch Remover

K5725—List, 50c. YOUR PRICE **22c**

Just a touch of stain with the brush and the scratch disappears forever. Always ready for use, suitable for any color finish. Indispensable in Radio store, for touching up minor scratches and defects. Packed in permanent case, easily carried in the vest-pocket.



5000 Volt Insulating Cambric

C5736—Roll of 210 square inches. List Price, 50c. YOUR PRICE **29c**

For insulating and preventing grounds and shorts on field coils, transformers, resistors, condensers, wires, etc. Will safely withstand up to 5000 volts. A dry cambric.



Radio Repair Cement

For Speaker Cones, Anchoring Wires Etc.

K5731—YOUR PRICE, Per Set **29c**

For cementing speaker cones and voice coils, anchoring R.F. coil wires, etc. Waterproof. Makes extra strong durable joint. Sets almost instantly. Brush for applying and can of thinner included.



Silverene Enamel

K5714—1/2 Pint Can. YOUR PRICE **59c**

Gives a very high lustre and an extremely smooth brilliancy. Non-porous (air and water tight). Will not peel, chip or crack. Highly reflective to heat and light. Suitable for use on Wood or Metal.



Amphenol Coil Dope

Extremely Low Loss

C5790—2 Oz. YOUR PRICE **29c**

C5791—4 Oz. YOUR PRICE **38c**

A new synthetic resin polystyrene base product for impregnating coils, paper tubing, fibre, ceramics, fabrics, and other moisture absorbent materials. Provides a complete protection against moisture and dust. Non-hygroscopic. Rapid drying. Can be applied by dipping or with brush.



Thinner for Above

C5792—2 Oz. Bottle. YOUR PRICE **15c**

Insulating Varnish

K5720—Pint Size. YOUR PRICE **73c**

A5727—1/2 Pint Size. YOUR PRICE **44c**

For use in treating coils, noisy transformers, chokes, etc. Composed of highest quality ingredients. High dielectric strength. Is waterproof, oil proof, and non-corrosive. Can be used as dipping varnish or applied with brush. Dries in air.



Cone Cement

In Handy Metal Tube

K5732—YOUR PRICE **24c**

For cementing cloth and fibre cones, paper rings or felt to metal speaker frames. Dries in less than ten minutes and will hold permanently. Supplied in a metal tube containing three ounces.



Cabinet Touch-Up Kit

Removes Scratches

R5709—YOUR PRICE **35c**

A practical touch-up kit that will touch up those accidental scratches and dents on cabinets. Contains 4 bottles, camel hair brushes, a portion of dark wax for filling deep scratches and a rubbing cloth. A light and dark stain, and varnish stain are included. Varnish stains can also be used to touch up scratched metal escutcheons, etc.



Desk Type Stapler

For Home Office or Shop



A high quality, low priced, stapler. Just the thing you have always wanted for your desk or writing table at home or at the shop. The cost is low! Performance is unsurpassed! Holds 50 Staples Including Magazine. Rubber base Prevents Slipping or Marrying of Surface on which used. New Streamlined Modern design. Grades Even the Finest Desk.

D14199—Stapler, Desk Type. Complete with 500 staples. YOUR PRICE, 50c. **49c**

D14198—Extra Staples For Above. YOUR PRICE Per Box of 2000 25c each, Less 2% cash discount. **24c**

Quicker than a Short circuit

LITTELFUSES

For Test Instruments

Especially designed for protection of delicate equipment. Break circuit in 1/100 part of time required to burn instruments. May be used on 250 Volts D.C. or A.C. The smaller sizes have been used without arcing up to 1500 volts D.C. on a 2KW supply. Illustration is actual size. Length 1 inch.



Stock Num.	Rating Amps.	Max. Load M.A.	Aver. Resis. 5M.A. Load	Your Price Each	Your Price Dozen	Use to Protect—		
						Volt-meters Ohms per Volt	Millimeters All Magnetic Movements	Thermocouple Movements
K11159	1/100	5	500	18c	\$1.95	Over 1000	Galv. Up-5	Up-5
K11160	1/100	10	110			1000	1-10	5-10
K11161	1/4	25	20	12c		500-1000	10-25	10-25
K11162	1/2	60	5.0	\$1.32		100-500	10-25	25-60
K11163	3/4	100	3.0			20-100	25-75	60-115
K11164	1 1/4	200	6.2			10-20	75-150	115-200
K11165	3/4	300	3.0	9c	\$1.00	5-10	150-250	200-300
K11166	1	400	2.5			3-5	250-350	300-400
K11167	1 1/4	600	4.0				350-500	400-600
K11168	1	1000	.24	6c	65c		500-750	600-1000
K11169	1 1/4	1500	.18				750-1000	1000-1500
K11170	2	2000	.14				1000-1500	1500-2000

3AG Type Littelfuses

Underwriters Approved

Glass enclosed 3AG type. These radio fuses have many points of merit which are distinctly different. Fuse element pure rosin coated zinc. Locked end caps. No cement to loosen.

For Radio Receivers 250 Volts

Stock Number	Rate Amps.	Max. Load Watts	Your Price
K11171	1	60	5c
K11172	1 1/4	80	5c
K11173	2	100	Dozen 50c
K11174	3	200	Dozen 50c
D11155	4	300	6c
D11157	5	400	Dozen 65c
D11158	6	500	

Fuse Mountings For SFE, 3AG and Littelfuses



For 3AG, SFE14 or SFE20 type fuses. Cadmium plated steel shell, to which shielding can be soldered. Size 2 1/2 x 3/8".

B11425—YOUR PRICE, EACH..... 4c
C11419—Jumbo Fuse Holder. 2 1/4" x 1/2". Used in Delco, Philco, Motorola and others. For 3AG, SFE14, SFE20 or SFE30 Type Fuses. YOUR PRICE, EACH..... 10c

"Meter-Back" Mounting

Mounts directly on one meter binding post. Will not touch other post on smallest standard meter. Linen bakelite base.

K11180—For or Instrument Littelfuses. Size 1" x 1/4" x 3/8". YOUR PRICE, EACH..... 12c

Standard

Tinned shank-proof terminals and extra quality phosphor bronze, nickel-plated fuse clips. Molded bakelite base.

K11181—For 3AG Type Fuses. 1 1/2 x 3/8 inches. YOUR PRICE, EACH..... 8c

K11182—For Instrument Littelfuses. 1 1/4 x 3/8 inches. YOUR PRICE, EACH..... 9c

Extractor Fuse Post

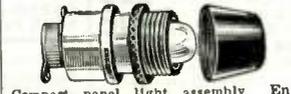
Knob extracts fuse when unscrewed. Knob is recessed in shoulder and can be removed with screwdriver or dime coin.

Shock-proof—no live parts exposed. Safe rating 500 watts, 125 volts. Takes panel up to 3/8" thick. 3/8" diam. mounting hole. Overall length 2 1/4"; length under panel 1 1/2". Lock nut for threaded bushing included. Meets underwriters approval.

R11188 For Littelfuses. R11184 For 3AG Type. YOUR PRICE, EACH..... 24c

Stock Num.	Rate Amps.	Peak Load Mills.	Your Price
K11175	1/4	75 mills.	Each 9c
K11176	1/2	150 mills.	Dozen \$1.00
K11177	3/4	300 mills.	
K11178	1	500 mills.	

Insulated Panel Light



Compact panel light assembly. Entire unit made of phenolic insulating material. Fits into 3/8" hole, up to 3/4" deep. Bulb easily changed from front.

A10590 Min. Screw Bayonet A10591 A10592 A10593

YOUR PRICE, EACH..... 24c

Pilot Light Sockets

Lug connection mountings. No bulbs included.



Screw Socket	Bayonet Socket	Type	Your Price
C10611	C10617	A	5c
C10612	C10615	B	Each
C10614	C10616	C	Ten for 40c
C10626		E	
		F	

BUSS FUSES

Type 3AG.

Fuse element enclosed in glass tube with brass caps on ends. Size 1 1/4" x 1/4". Will blow at a 50% overload.

Stock Number	Amps.	Box of 5	Per 100
A11190	1	14c	\$2.65
A11192	2	14c	2.65
A11193	3	14c	2.65
A11195	5	10c	1.60
A11196	10	10c	1.60
A11197	15	10c	1.60
A11198	20	7 1/2c	1.20

BUSS SFE Fuses

New Standard Sizes

Auto and radio manufacturers are now using these new type fuses instead of the older 3AG. Different length for each rating eliminates replacing with incorrect fuse. All 3/8" dia.

Stock Number	Amps.	Length	Box of 5	Per 100
A11150	4	3/8"	12 1/2c	\$2.00
A11151	5	3/8"	12 1/2c	2.00
A11152	9	1/2"	10c	1.60
A11153	14	1/2"	10c	1.60
A11198	20	1 1/4"	7 1/2c	1.20
A11154	30	1 1/2"	17 1/2c	2.80



Radio Panel Lamps

Mazda Licensed

Finest quality American made Mazda Licensed pilot light bulbs. Fully equal in efficiency and length of life to any pilot light bulb on the market. At our low prices you can afford to stock up and be prepared for any requirement. Packed ten bulbs in attractive carton. S-T: Screw base tubular bulb. B-T: Bayonet base tubular bulb. B-R: Bayonet base round bulb.



Radolek Stock Number	Equivalent to Mazda	List Each	Rating Volts	Amps.	Price One Box	Per Box of 10 Lots*	Per Box of 30 Lots*
B10451	(S-T) 41	\$0.09	2.5	0.50	41c	39c	37c
B10453	(S-T) 40	.09	6.3	0.15			
B10454	(S-T) 48	.09	6.3	0.25			
B10458	(B-T) 44	.09	6.3	0.25			
B10462	(B-R) 51	.07	6-8	0.20	39c	37c	34c
B10463	(B-R) 55	.07	6-8	0.40			

Genuine Mazda Panel Lamps

Clear Tubular Bulb—Miniature Screw Base

Radolek Stock Number	Max. Num.	Bead Color	List Each	Rating Volts	Amps.	Price One Box	Per Box of 10 Lots*	Per Box of 30 Lots*
D10573	48	Pink	\$0.15	2.0	0.06	\$0.88	\$0.82	\$0.78
D10560	41	White	.09	2.5	0.50	.54	.50	.47
D10561	42	Green	.12	3.2	0.35	.71	.66	.62
D10562	40	Brown	.09	6.3	0.15	.54	.50	.47
D10563	46	Blue	.09	6.3	0.25	.54	.50	.47
D10559	292	White	.12	2.9	0.17	.71	.66	.62

Clear Tubular Bulb—Miniature Bayonet Base

Radolek Stock Number	Max. Num.	Bead Color	List Each	Rating Volts	Amps.	Price One Box	Per Box of 10 Lots*	Per Box of 30 Lots*
D10564	43	White	\$0.09	2.5	0.65	\$0.54	\$0.50	\$0.47
D10558	47	Brown	.09	6.3	0.15	.54	.50	.47
D10565	44	Blue	.09	6.3	0.25	.54	.50	.47

Clear Round Bulb—Miniature Bayonet Base

Radolek Stock Number	Max. Num.	Bead Color	List Each	Rating Volts	Amps.	Price One Box	Per Box of 10 Lots*	Per Box of 30 Lots*
D10566	51	White	\$0.07	6-8	0.2	\$0.41	\$0.39	\$0.36
D10567	55	White	.07	6-8	0.4	.41	.39	.36

* Boxes May be Assorted. See Pages 88, 77 for Other Lamps.

Reflector Type Panel Light



K10624—Less Bulb. YOUR PRICE 35c

Takes standard tubular pilot lights. Illuminates meters on a test panel. Mounts in a 3/4" hole in 1/4" panel.

Jumbo Pilot Light



For use as signal light indicator on transmitters, test panels, etc. Jewel measures 1" across. Chrome plated finish. Mounts in 1" hole. Bulbs can be replaced from front.

Brackets Only

A10580—110V. Candelabra Base A10581—Miniature Bayonet Base A10582—Miniature Screw Base YOUR PRICE, 10c

Any Type..... 10c

Jewels for Above

A10583—Red A10585—Blue A10584—Green A10586—Amber A10587—Opal YOUR PRICE, 44c

Each..... 44c

Jeweled Pilot Light Brackets



Used as signal indicators, alarm light on test panels. Mounts in 1" hole in iron pilot when connected across 3 ohm resistance in series with a 100 watt iron. (2 1/2" bulb required.)

RI0620—With Red Jewel. YOUR PRICE, EACH..... 10c

C10609—Miniature Screw Bracket Only. YOUR PRICE, EACH..... 3c

Jewels for Above Brackets

Colored jewel on threaded shank with mounting nut. Require 3/8" hole in panel not over 1/4".

K10621—Red K10622—Amber K10623—Green. R10618—Crystal. R10619—Blue. YOUR PRICE EACH..... 7c

3/4" Jeweled Pilot Light

Same construction as above pilot assembly except uses 3/4" Jewel. Mounts in 3/4" hole on panel up to 1/2" thick. Comes complete with Jewel. Candelabra socket for Mazda S6 listed at bottom of this column or similar bulb.

C10603—Bracket and Red Jewel. C10604—Bracket and Green Jewel. YOUR PRICE, EACH..... 32c

1 Inch Pilot Light



Jumbo pilot assembly that will pass Underwriters approval. Faceted jewel lens. Mounts in 1" hole. All metal parts are made of brass, chrome finished. Socket is porcelain. Rated 75 watts at 125 volts. Takes Standard S6 Mazda 110 V. candelabra base bulb.

A10575—Red A10577—Amber A10576—Green A10578—Opal A10579—Blue YOUR PRICE, EACH..... 74c

A10589—Mazda S6, 110 volt. 6 Watt candelabra base bulb. YOUR PRICE, EACH..... 15c

10 for \$1.45

Type 3AG Fuses



Best Quality

For Automotive and Radio use. Packed 5 fuses in a handy metal box. Boxes may be assorted to obtain quantity price.

Type 3AG. Size, 1/4" x 1 1/4" Long

Stock Number	Amps.	Box of 5	Per 20 Boxes
B11103	20	5c	95c
B11102	15		
B11101	3	11c	\$1.95
B11100	3		

SFE Type 1/4" Dia.

Stock Number	Amps.	Lgth.	Box of 5	Per 100
D11104	14	1 1/4"	7c	\$1.25
D11103	20	1 1/4"	5c	.95
D11199	30	1 1/4"	10c	1.85

Voltage Controls · Line Ballasts · Resistance Cords

Amperite Voltage Control Tubes



Designed to deliver constant voltage to the receiver from the power line although the line voltage may vary from 110 to 140 volts. Eliminates excessive line voltage. Easily installed. Connect in series with power line.

For 105-120 Volt A.C. Receivers

Stock Num.	Use Amperite	Set Name and Model Number
K9819	9-20	Brunswick 14, 21, 31
A9822	11-20	Brun. S14, S21, B.T. 83, 84; Grebe 21950, 270C, 285, 450. (Replaces Duresite 110)
K9819	9-20	Brewer-Tully 88, 882
K9820	6-16	General Electric B-86
K9823	90	Majestic 90, 91, 92
K9824	70	Majestic 70, 71, 72
K9820	6-16	R.C.A. R-223
K9825	12-20	Scott A.C. 10
K9826	18-10	Star Ralder
K9827	10-V-10	Victor R32, 52
K9820	6-16	Victor (32V. Set)
K9829	14-10	Zenith 103

For 2 Volt Battery Radios

D9840	5E1(A1)	Bosch 042, Eria 660.
D9830	30(A2)	Silvertone 65, 242, 226.
D9831	31(B2)	Silvertone, 223, 224, 266, 267, 1576, 1712, 1713, 1714.
D9840	5E1(A1)	Sparton 81, 82.

List Price, Each, \$1.25
YOUR PRICE, EACH... **73¢**

For A.C.-D.C. Receivers

The following replace Octal Base Ballast Tubes with numbers and letters as noted below. Will control line voltages from 85 to 140 volts. *Except L55B and M55B; but includes following: 42A, 49A, 53A, M50K, M45H.

Stock Number	Amperite Number	First Letter: Numbers From	K, L, M or B, K
A9848	K1-25	10 to 36	A, B, C or D
A9844	K1-45*	36 to 67	A, B, C or D
A9849	K1-50H	36 to 67	F, G or H
A9850	K1-75	67 to 105	A, B, C or D
A9851	K1-75	67 to 105	F, G or H

K9846—Amperite 4P-45. 4 Prong Base. Replaces ballasts 185R, 185R4, 185L8, 185R44, 185L4, 185L8, 185L44, 165R, 165R4, 165R8, 165L44, 140L4, 140L8, 140L44, 140R, 140R4, 140R44, 140L4, 14L8, 140L44, 300 50x3, 5B.
List Price, \$1.00.
YOUR PRICE, EACH... **59¢**

AC-DC Line Cord Resistor



Replacement for voltage resistor cords in AC-DC sets. Cord has built-in resistor for reducing line voltage to the correct value for the tube filaments.

Stock Num.	Total Resist.	Filament Voltage Drop	Your Price
C3880	330	18.0 to 24.0	28c
C3881	290	25.0 to 31.5	
C3882	250	32.0 to 44.5	Each
C3883	220	45.0 to 52.0	
C3884	180	53.0 to 61.0	10 for
C3885	160	62.0 to 68.0	
C3886	135	69.0 to 75.2	\$2.45

Tapped Line Cords

*Tapped at 22.5 ohms for brown bead 0.15 amp. 6.3 volt pilot light. †Tapped at 40 ohms for blue bead 0.25 ampere, 6.3 volt pilot light.

D3890	190†	62.6	59c
D3891	187.5*	62.6	
D3892	165*	68.9	Each

Universal Line Cord

C3889
List, \$1.00.
YOUR PRICE
49c
Each

Provides any resistance from 22 ohms to 330 ohms in steps of 22 ohms each. Six eaded leads. Instructions included.

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Resistance Tubes Ballast Tubes

For A.C.-D.C. Radios

These resistance tubes are of excellent quality and will give long and satisfactory service. K series are for 15 amp. pilot bulb, L for 25 amp., M for 2 amp. Types are interchangeable providing correct pilot bulb is used as stated above. For example K49B can be used instead of M49B if a 15 amp. bulb is used. List Price, 90c.
YOUR PRICE, EACH **24c**
10 for \$2.10



Octal Base Tubes

Tube Type Num.	Other Manufacturers' Type Number	Stock Number
K38B2	K38B2	A9926
L4052	L4052	A9921
K42B	K42B, K40B	A9902
L42B	L42B, L40B	A9906
L42C	L42C, L40C, 69.2037	A9907
BK49B	BK49B	D9905
BK49D	3334, 3334A, 115.28	A9922
K49B	K49B, W43357, 135K1	A9909
K49C	K49C, A16040	A9910
L49B	2UR24, L49B, 69.2033	A9911
L49C	L49C	A9912
L49D	3CR241, L49D	A9913
50A2MG	50A2MG, K249C	A9923
50B2MG	50B2MG, K249B	A9928
BK55B	3613	A9923
K55B	K55B	A9914
K55C	K55C	A9915
K55CP	K55CP, K55CPR	A9929
K55H	K55H, 55H	A9924
L55B	L55B, 2UR216, 8598,	A9916
L55B	100-70	
L55C	L55C, L555.5C	D9903
L5551	L5551	A9917
L5552	L5552	A9918
80A	80A	A9930
K80B	K80B	A9925
K90B	K90B	A9931
100-38	100-38	D9911
100-79	100-79	D9904
KX98B	300R4	D9908
KX105C	320R4	D9920
KX23B	60R30G, 60R30	A9899
KX23R	878R48	A9900
165R4	50B2, KX49B, 165KB, K49X, 5B	A9894
165R8	K49Y, 50A2, KX49C, 165KC, 6B	A9895
185R	40W, 50X3, 50X300, 185A, KX55A	A9896
185R4	KX55B, 185KB	A9897
185R8	50X3T, KX55C, 185KC	A9898
140R4	140R4, KX42B	A9932
140R8	140R8, KX42C	A9933
200R	200R	C9940
250R	215A, 250A	C9941

4 Prong Base Tubes

KX98B	300R4	D9908
KX105C	320R4	D9920
KX23B	60R30G, 60R30	A9899
KX23R	878R48	A9900
165R4	50B2, KX49B, 165KB, K49X, 5B	A9894
165R8	K49Y, 50A2, KX49C, 165KC, 6B	A9895
185R	40W, 50X3, 50X300, 185A, KX55A	A9896
185R4	KX55B, 185KB	A9897
185R8	50X3T, KX55C, 185KC	A9898
140R4	140R4, KX42B	A9932
140R8	140R8, KX42C	A9933
200R	200R	C9940
250R	215A, 250A	C9941

Clarostat Ballasts Universal Replacement

Universal replacement metal tube type resistors for use in AC-DC sets. Operates efficiently regardless of line voltage variations or pilot lamp current or burnouts. The types listed will take care of 95% of your calls. Replaces AC-DC Ballast tubes with first letters BK, BL, K, L, M and other combinations as given below.
YOUR PRICE, EACH... **57c**

10 for \$5.25

Stock Octal	Numbers 4 Pr.	Mfg. Code	Tube Numbers	Last Letter
D9950	D9954	10*23A	10 to 23	A, B, C, D
D9942		10*23E	10 to 23	E
D9943		10*23F	10 to 23	F, G, H
D9944	D9951	23*55A	23 to 55	A, B, C, D
D9945		23*55E	23 to 55	E
D9952		23*55F	23 to 55	F, G, H
D9946	D9953	60*92A	60 to 92	A, B, C, D
D9947		60*92E	60 to 92	E
D9948		60*92F	60 to 92	F, G, H
D9949	D9955	92*105A	92 to 105	A, B, C, D

Clarostat Resistor Tube Service Manual

D12505—Contains a short explanation of ballast tubes, replacement chart and cross index chart giving the correct replacement ballast to use in sets up to 1940. Size 8 1/2 x 1 1/2, 32 pages.
YOUR PRICE... **15c**



Line Ballasts Metal Shielded

Compensates line changes for Sets designed for use with Ballast. Will maintain the normal voltage across the primary of the power transformer within allowable limits for efficient operation, regardless of line fluctuation between 85 and 135 volts.
List Price Each, \$1.75.
YOUR PRICE... **85c**

Num.	Type	Set Make and Model Number
K9871	1516	Majestic 70, 71, 7P6, 1928
K9872	1508	Majestic 70B, 72, 7BP6, 1929
K9873	1012	Majestic 180, 181, 8P6
K9874	1210	Majestic 90, 91, 92, 100
K9875	5001	Stewart-Warner 900-61816
K9876	5002	Stewart-Warner 950-62152
K9877	5003	Stewart-Warner R100-66756

Clarostat A.C. Line Voltage Regulator

For sets with critical line voltage requirements where a dependable regulator must be employed.



Stock Num.	Type	Watts of Set	List Ea. \$1.73
K9880	O	Up to 60	54c
K9881	A	60 to 100	
K9882	B	100 to 150	

Automatic Voltage Control

For Reducing Line Voltages

N9891 — List, 75c.
YOUR PRICE... **44c**



Ten for \$4.18

Protects tubes, resistors, and condensers by automatically compensating for line surges as voltage rises. Air-cooled type. Supplies 110 volts A.C. or D.C. on any line up to 130 volts. For use with any set consuming up to 50 watts.
Heavy Duty Model
A9889—For sets of 50 to 150 watts.
YOUR PRICE... **97c**

Line Voltage Reducer

Reduces Excessive Line Voltages
C9890—List, \$1.00.
YOUR PRICE... **30c**
Ten for \$2.73

Maintains a constant potential on lines on which voltage fluctuates. Protects tubes, condensers and resistors against line surges by automatically reducing line voltage to a normal operating voltage.

Continental "Voltacon" Line Voltage Regulator

C9884 — List Price, \$1.25.
YOUR PRICE... **73c**

Will regulate line voltage perfectly for radios of from 4 to 10 tubes drawing up to 100 watts. Three position switch, high, medium and low, keeps line voltages of from 110 to 135 volts at proper value for most efficient and safe operation.

Adjustable Ballast Tubes

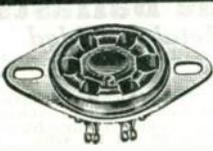
For AC-DC Radios

Three new universal type ballast tubes that will take care of 90% of your calls for replacement ballasts. Standard Octal or 4 prong base; same size and appearance as 524 tube. Easily changed jumpers on tube prongs make possible exact duplicate replacements. Complete with instructions. Keep at least one each of these ballasts on hand at all times and you will be able to make immediate replacement of all but the very unusual types.
A9934—Type A. Octal Base. YOUR PRICE, 59c
A9935—Type B. Octal Base. YOUR PRICE, 59c
A9936—Type C. 4 Prong. EACH... **59c**
In Lots of 5 or more, Each, 55c

Serviceman's Ballast Tube Kit

D9959—Consists of 5 of above ballast tubes (2-Type A, 2-Type B and 1-Type C). 80 Page ballast tube replacement manual, template to simplify cutting operation and cutter tool are included free.
YOUR PRICE... **\$2.75**





Type RS
Type RGP has prongs



Type S



Type CP

Molded Bakelite Radio Tube Sockets

Made of molded bakelite with tube locating groove. Cadmium plated phosphor bronze contacts for easy soldering, recessed individually molded chambers, protects them from damage. "S" and "CP" Type sockets and plugs mount without screws or rivets and are held to chassis with locking ring of spring steel. Mount in 1 1/2" keyed hole except those which fit 1 1/8" hole. Easy to mount on any material up to 1/8" thick. Use die listed on opposite page for punching chassis holes to fit these units. "RS" and "RGP" Type sockets and plugs. "S" sockets and "CP" plugs assembled on steel plate with slotted holes to fit mtg. ctrs. of 1 1/4" to 1 3/4". Take the place of water sockets.

"S" Socket Stock Number		"CP" Plug Stock Number		Year Price Each	Number of Contacts	"RS" Socket Stock Number		"RGP" Plug Stock Number		Year Price Each
C12212	C12361	4		6 1/2c	4	C12366	C12373			7c
C12213	C12362	5			5	C12367	C12374			
C12214	C12363	6			6	C12368	C12375			
C12215	C12364	7 Small			7 Large	C12369	C12376			
C12216		7 Large				C12370				
C12217*		7 Comb.		8c		C12371				9c
C12218	C12365	8 Octal		10c		C12372	C12377			9c
C12360		8 Loktal								11c

Chassis Shell For Mounting Above Sockets and Plugs



A light weight aluminum shell which permits extending sockets or plugs 1/2" above or below surface. Knockouts in side of shell provide for entrances from four sides. 3 Mtg. holes on 1" radius circle. Body 1 1/2" diameter. C12378—For 4, 5, 6, 7 Small, octal and Loktal Sockets and plugs. C12379—For 7 large and 7 Combination. YOUR PRICE, Each..... 6c

Tube Shield Base K12228—PRICE, EACH... 2c

For use with above type S sockets except 7L and 7 Comb. Mounts between socket and chassis without use of any rivets or screws. Cadmium plated rust proof metal. Fits all standard size shields. Overall dia., 1 1/8". No socket included.

Low-Loss Steatite Sockets



Exceptionally high dielectric strength, low power factor and high electrical resistivity. Easy to mount. Metal adapter plate can be screwed or riveted to panel or removed and socket mounted directly into chassis by spring retainer ring. Socket mounts in 1 1/2" hole (large size seven prong in 1 1/8" hole). Slotted holes in steel adapter plate 1 1/4" to 1 3/4" mounting centers.

Stock Number	Number of Prongs	Price Each
K12229	4	24c
K12230	5	
K12231	6	
K12232	7S	
K12233	7L	29c
K12234	8 (Octal)	24c

C12391—8 Prong Plug. Has same electrical and mechanical specifications as above sockets. YOUR PRICE..... 24c

Speaker Plugs



One piece molded extra heavy black bakelite body, 1 1/2" diameter by 3/4" high. Prongs are set deeply into individually molded pockets, preventing short circuits due to wire insulation placed over nulling back. Prongs are plated for easy soldering. 12 Prong plug is 1 1/4" dia., 20 prong 1 1/8" dia.

Stock Number	Dia. Prongs	Your Price
C12392	4	6c
C12393	5	6c
C12394	6	6c
C12395	7S	6c
C12396	8	8c
C12397	9	10c
D12334	12	15c
D12335	20	25c



Plug and Receptacle For 110-250 Volt Retainer Ring Mounting

Underwriters approved standard appliance plugs and receptacles, for mounting directly on chassis up to 1/4" thick. Compact in size—quickly and easily mounted. 2 Pole receptacle accommodates polarized plugs as well as standard appliance plugs. 3 Pole has blades set at different angles for positive polarization. Fits 1 1/2" hole either keyed or plain.

2 Pole	
D12398—Receptacle.	
D12399—Standard plug.	
D12350—Polarized plug.	
YOUR PRICE, Each.....	15c

3 Pole	
D12336—Receptacle.	
D12337—Plug.	
YOUR PRICE, Each.....	21c

With Mounting Plate and Shell



Plugs and receptacles same as above. Surface mounting type is set in a nickel plated steel plate with mtg. ctrs of 1 1/4" to 1 3/4". Recessed mounting type is set in a nickel plated steel shell. 1/2" deep, fits 1 1/2" hole, 1 1/4" mtg. ctrs.

Surface Mount.	Type Connectors	Recessed Mount.
C12410	Receptacle	C12413
C12411	Standard Plug	C12414
C12412	Polarized Plug	C12415

PRICE Each...	16c	PRICE Each...	24c
3 Pole			
D12338	Receptacle	D12340	
D12339	Plug	D12341	
PRICE Each....	22c	PRICE Each....	30c

Cable Connectors



For 110-250 Volt

Fits above plugs and sockets. Mounted in insulated steel caps.

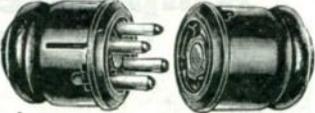
2 Pole	
D12043—Receptacle	
D12044—Standard Plug	
D12045—Polarized Plug.	
YOUR PRICE, Each.....	21c

3 Pole	
D12342—Receptacle	
D12343—Plug.	
YOUR PRICE, Each.....	27c

Miniature Sockets



Molded of high dielectric black bakelite. All mount in 3/8" hole except Raytheon type, 1/2". Retainer ring firmly holds socket in place. D12344—7 Contact, for RCA button-type tubes. D12345—5 Contact, for Raytheon CK-501, etc., hearing aid tubes. D12418—5 Contact, for Hytron HY11S, etc., hearing aid tubes. YOUR PRICE, Each..... 10c D12346—3 Contact, for RCA Peerless and Cetron Photo cells. YOUR PRICE, Each..... 8c



Shielded Connectors

Suitable as cable connectors or cable plugs. Molded bakelite sockets and plugs can be quickly removed from the insulated steel caps for making connections. Rubber grommet with a 3/8" hole protects cable where it passes through the cap. Female section has cadmium-plated phosphor bronze contacts. Size 1 1/2 x 1 1/4" dia.

Male Section	Female Section	Number Contacts
K12241	K12245	4
K12242	K12246	5
K12243	K12247	6
K12244	K12248	7S
D12347	D12348	7L
R12239	R12240	8

EACH PIECE PRICE 15c



Rubber Handle For Shielded Connectors

The above plugs snap into this rubber handle and are held securely in place by an inner molded shoulder. Allows easy removal of plug in recessed or hard to get at places. Also protects connection from damage. Molded from black live rubber.

C12046—YOUR PRICE..... 9c



Cable Clamps C12047—YOUR PRICE 6c

Positive gripping cadmium plated steel. Attaches to shell of shielded connectors above and relieves all pulling or twisting strain from soldered connections. May also be mounted on chassis or panels. Mounts in hole 3/8" to 5/8".

Connector Locking Covers



Cadmium plated threaded steel covers that slip over above shielded connectors. Lock connectors firmly together preventing accidental disconnection. C12048—Cable Type—Consists of two shells to slip over connectors. C12049—Chassis Type—Consists of 1 shell for connector and a threaded steel flange that mounts on socket. YOUR PRICE PER SET..... 15c

Tip Jacks and Plugs



Molded bakelite. Jacks mount in 3/8" hole in panels up to 1/4" thick and are held in place by retainer ring.

Jacks		Plugs	
Stock Num.	Plug Frong	Stock Num.	Plug Frong
D12006	D12010	D12014	D12017
D12007	D12011	D12015	D12018
D12008	D12012	D12016	D12021
D12009	D12013		

Use Phone Teds

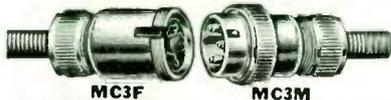
PRICE EACH... 4 1/2c PRICE EACH... 3c

Bulb-Tester Socket

C12051 26c Your Price 26c Standard 7S-7L combination socket with small socket in center for testing all miniature base bulbs either screw or bayonet type.



Shielded Cable Connectors 3 and 4 Contact



Three or four contact polarized plug and socket covered by heavy chrome plated brass shell. Indestructible and moisture proof. Male and female sockets can be locked together by means of a threaded collar. Spring cable protector.

A12252 MC3M—3 Prong Male Section.
A12254 MC4M—4 Prong Male Section.
Includes locking nut. Removal of cap on other end permits screwing into any microphone having 1/8" threaded hole. Size 1 1/2" long. 3/8" diameter. MC3M takes up to 3/8" dia. cables, MC4M up to 1/2".

D12253 MC3F—3 Hole Female Section.
D12255 MC4F—4 Hole Female Section.
Has male thread to receive locking nut.

Prices

Three Prong and Three Four Prong and Four Hole Connectors. List Hole Connectors. List Price, \$1.00. **59¢** Your Price, Ea. **65¢** Your Price, Ea.

Chassis Connectors for Above



Females have thread. Males have locking ring. For mounting on chassis or wall plate. With lock washer and locking nuts. Requires 1/8" mtg. hole.

C12258—PC3F—3 hole. Female.
YOUR PRICE..... 29¢

Similar to above except contacts are shielded front and rear. Fits up to 1/2" panel.

A12235—SP-PC3F—3 hole Female.
D12236—SP-PC3M—3 prong Male.
YOUR PRICE, EACH..... 59¢

Cap and Chain—Protects against dirt and tampering. For use on plug, chassis or wall outlets.

A12237—CCC3—Fits connectors listed above.
D12238—CCCI—Fits PCI and MCI connectors listed at upper right.
YOUR PRICE, EACH..... 29¢

Miniature Shielded Connectors

Chassis Sockets
Type PCG-F female and PCG-M male. Socket shell contacts shell of cable connectors. Can be mounted on surface or behind panel. Required hole with 1/8" mtg. crs.

Num. Contacts	Stock Female	Stock Numbers Male	Price Each
3	D12219	D12223	18¢
4	D12220	D12224	18¢
5	D12221	D12225	20¢
6	D12222	D12226	20¢

Cable Connectors

Type MPF-L female and MPM-L male. Bakelite element held in cadmium plated shell by screw.

Num. Contacts	Stock Female	Stock Numbers Male	Price Each
3	D12227	D12303	18¢
4	D12100	D12104	20¢
5	D12101	D12105	22¢
6	D12102	D12106	22¢

Miniature Sockets and Plugs

Type S-S and 7H-H sockets and type 7I-S plugs. Compact construction for connecting speakers, microphones, doublet antennas, etc. Socket mounts in 1/8" round hole and is held in place by round retainer. Plug has moulded finger grip rim for easy pull-out.

Num. Contacts	Stock Socket	Stock Numbers Plug	Price Each
3	D12416	D12420	8¢
4	D12417	D12421	8¢
5	D12418	D12422	10¢
6	D12419	D12423	10¢

Pressure Type Connectors



Handy connectors for use with microphone cable. Easy to connect. Polished nickel finish.

D12263—MCIF. Female cable connector.
YOUR PRICE..... 29¢

D12264—MCIM. Male cable connector.
YOUR PRICE..... 24¢

C12265—PCIM. Male for chassis mounting.
YOUR PRICE..... 18¢

C12267—CL-PCIM. Male for chassis mounting. Prevents oven grid bolts by shorting grid to ground when connector is removed.
YOUR PRICE..... 24¢

D12267—SP-PCIM. Same as CL-PCIM except does not short out. Has spring tension center contact.
YOUR PRICE..... 24¢

D12271—MCIF. Phone Plug Adapter.
YOUR PRICE..... 27¢

Phone Plug Adapter

Screws into the coupling ring of the MCIF Cable Connector above, permitting plugging into any standard phone jack.

Microphone Switch

Compact and easily installed, fully shielded. Threads fit above MCIF connector and any male connector. Push and release button to talk for standby or temporary use or slide switch forward for permanent connection.

D12273—MCIS Switch.
YOUR PRICE..... 59¢

Plug-In Type Connectors

New, improved connectors for shielded 1 or 2 conductor cables. Male prong fits snugly into female contact. Male plugs have coupling ring for locking connectors together. Chassis type have female contact.

Model	Price
D12107—80-F Single Contact Female	38¢
D12108—80-M Single Contact Male	38¢
D12109—80-C Single Contact Chassis	24¢
D12110—MC2F Two Contact Female	47¢
D12111—MC2M Two Contact Male	47¢
D12112—PC2F Two Contact Chassis	27¢

Heavy Duty Connectors



Approved by Underwriters Laboratories

Ideal for low-impedance microphones, heavy-duty power lines, etc. Each prong carries 10 amps at 250 volts, 15 amps at 125 volts. Soldered bakelite element in brass, cadmium plated shell.

D12169—92-M Male with coupling ring.
D12260—92-F Female with coupling threads.
D12262—92-C Female Chassis Mounting type with coupling threads.
YOUR PRICE, Each..... \$1.47

Tap Change Switch

Single pole, 8 position rotary switch for circuit changing use in impedance matching, tapped transformer and similar applications. Bakelite knob. Set screw in side locks switch. Fits in 1 1/4" hole with 1/4" mounting centers. White tap designations.

D11028—36-1 With Numerals 1 to 8.
D11027—36-2 With Impedance Markings of 0-2-4-8-16-250-500.
YOUR PRICE, EITHER TYPE..... 44¢

If you have any special connector problems or wish to use any Amphenol products to fit a special application, Write us giving full details. We will assist you in every way possible.

Unwired Adaptors

Makes any Combination Adaptor

Your own adaptors for modernizing tube checkers, analyzers and radio sets. Also may be used for bringing out connections from tube circuits for phono, headphones, etc. Self-tapping screws hold assembly together. Screws supplied with bottom sections. Hole on side of base permits bringing out leads or grid cap stud may be used. *Only units bearing same type size can be used together. Grid stud not supplied.



Stock Num.	Mtg. Diam.	Number Prongs	Type Size*	Plug Bases Inside Diam.	Stock Num.
C12206	1 1/4"	4	Small	1 1/4"	C12207
C12207	1 1/4"	5	Small	1 1/4"	C12208
C12208	1 1/4"	6	Small	1 1/4"	C12209
C12209	1 1/4"	7 Small	Small	1 1/4"	C12210
C12150	1 1/4"	7 Large	Large	1 1/4"	C12205
C12210	1 1/4"	7 Comb.	Large	1 1/4"	C12152
C12211	1 1/4"	8 Octal	Small	1 1/4"	
C12151	1 1/4"	8 Octal	Small	1 1/4"	

YOUR PRICE, Each Piece..... 12¢

D12153—Metal tube grid cap stud.
YOUR PRICE, Each..... 6¢

For Analyzer Plugs

C12154—Small 7 Contact socket top with latch-lock type center stud. Mtg. diam. 1-1/8". Fits above small type bases.
YOUR PRICE..... 18¢

Adapter Kits

Wired and unwired adaptors for testing loktal, single ended and RCA miniature tubes in the octal socket of any tube tester. Complete with full instructions. All adaptors supplied with octal bottom section.

D12296—Loktal to Octal Adapter Kit. Takes all but the 7E7 and 7F7 Loktal tubes. Kit of 5 adaptors, wired.
YOUR PRICE, Per Set of 5..... \$275

D12297—Adaptors as above, unwired.
YOUR PRICE, Per Set of 5..... \$147

D12113—Wired Adapter for 7E7 Tube.
D12114—Wired Adapter for 7F7 Tube.
YOUR PRICE, Each..... 59¢

D12115—Octal to Octal kit of 5 adaptors for the single ended series tubes, wired.
YOUR PRICE, Per Set of 5..... \$275

D12116—Kit of 5 as above, unwired.
YOUR PRICE, Per Set of 5..... \$147

D12117—RCA Miniature to Octal Kit of 3 wired adaptors to test the RCA 1N4, 1T1, 1R5 and 1B5 tubes.
YOUR PRICE, Per Set of 3..... \$176

D12118—Adaptors as above, unwired.
YOUR PRICE, Per Set of 3..... 88¢

Magic Eye Assembly



D10605 For 8 Prong Tubes
YOUR PRICE 73¢

Complete assembly, except tube, for adapting magic eyes to F.M. and broadcast receivers, signal tracing devices, etc. Includes modern construction, adjustable tube support, screws, shield, wired 8 prong socket with 22" leads and wired-in 1 meg. resistor.

913 Cathode Ray Assembly
D12270—913. Assembly with mounting bracket, and wired-in octal socket for type 913 or 902 cathode ray tube.
YOUR PRICE..... 59¢

Chrome Plated Wall Plates

Single gang 2 3/4 x 1 1/2" plates to fit standard wall switch or outlet boxes. Mtg. holes 3/8" dia. of brass with a polished chrome finish. Plate only is supplied. No sockets included.

C12155—With Single hole for PC3F chassis connector listed at left.

C12156—.855 (3/8") hole for PC1M or CL-PC1M chassis connector listed at lower left.

C12157—(Illustrated) With one 1/8" hole and one 1/16" (1-1/8") keyed hole.

Accommodates a PC3F chassis connector listed at left and a 110-250 volt receptacle.
YOUR PRICE, Each..... 44¢

EXACT
DUPLICATE

Majestic

REPLACEMENT PARTS

Majestic Stator Plate Assembly

Original Part Number 52

Used In Series 70, 90, 100, 130, and 180



N10500—
Your
Pri. Ea. **59¢**

No further need to replace the large and expensive variable condensers used in Majestic chassis 15, 15B, 25, 25B, 70, 70-B, 90, 90-B, 100, 100B, 130, 130A, 150, 180, and 230A; models 71, 72, 90, 91, 92, 93, 101, 102, 103, 130, 131, 132, 151, 153, 154, 155, 156, 181, 233, 251, 251B, 253, 253B, 254, and 254B. Use this stator plate assembly to repair only the damaged sections. Eliminates necessity of discarding the entire variable condenser when only one or two sections are damaged. Easy to install. Operation requires removal of only four screws. Assembly consists of stator plates securely mounted in aluminum casting. Radolek is first to make these replacements available. Size 1 1/4" wide, 3-3/16" long.

Five Gang Condenser

Part Num. 321

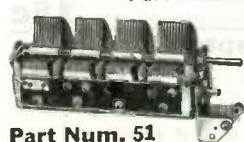
Used in chassis 90, 90B, and 100; models 90, 91, 92, 93, and 101. Identical to original. Frame constructed of durable rolled steel. Plates and stators of improved design and cast aluminum construction. Length 1 1/2", width 4 1/4".



C10501—
YOUR PRICE..... **\$2.95**

Four Gang Condenser

Part Num. 51



Part Num. 51

Used in chassis 70 and 70-B, models 71 and 72. Exact replacement conforms in every respect to original manufacturer's specifications. No changes necessary in receiver to make quick and accurate installation. Includes pulley wheel and pilot light socket.

C10502—
YOUR PRICE..... **\$2.45**

Used in chassis 70 and 70-B, models 71 and 72. Exact replacement conforms in every respect to original manufacturer's specifications. No changes necessary in receiver to make quick and accurate installation. Includes pulley wheel and pilot light socket.

Popular Majestic Replacement Parts

Stock No.	Part Number And Description	Your Price
C16109	#32 Speaker Cone for G1 Spkr.	\$1.25
C16110	#35 Speaker Cone for G2 Spkr.	1.25
C6109	#61 Filament Transformer for 70, 70B, 71, 72, (7P6).	2.73
C6108	#67 Plate Transformer for models 70, 71, 72, (7P6).	2.53
C10512	#379 R.F. Choke for models 90, 90A, 90B, 91, 92, 93, 100, 100B, 101, 102, 103.	.45
C6111	#1562 Power Transformer for models 90, 90B, 91, 93, 100, 101, 102, 103.	3.76
C6106	#3910 Power Transformer for 20, 21, 22, 23.	3.76
C10514	8 Ft. #5151 Auto Radio Drive	1.20
C10515	10 Ft. #5177 Cable and housing	1.50
C10516	12 Ft. #5178 for 110, 111, 114.	1.80
C6114	#5400 Power Transformer for 161A, 15B, 150, 151, 153, 154, 155.	2.09
C6753	#7785 Pilot Light Dimmer for models 300, 300A, 320.	.85
C10525	#7855 Voltage Divider for models 300, 300A, 303, 304, 307, 320, 324.	1.47

Dial Assemblies

Part Num. 10160

Complete spring friction dial and drive assembly used in chassis 160, 461, 490; models 161, 164, 461, 463, 491, 493, 776, 886, and 996. Clockwise reading. Polite to 150 to 55, Diameter 3 3/4". Fits 1/2" shafts.



D10507
YOUR PRICE..... **\$1.35**

Celluloid Dial Scale

Part Num. 1902

N10504—Used on drum dials in Majestic chassis numbers 70, 70B and 180; models 71 and 72.



YOUR PRICE..... **59¢**

Bronze Dial Scale

Part Numbers 606, 1265 and 1266



Dial scale assembly for models 20, 30, 90, 90B, 100, 100B, 130A, and 230A. Exactly calibrated. Made of brass with black background, 5/8" diameter. For 1/2" shafts. Replaces aluminum and celluloid scales.

D10503—
YOUR NET PRICE..... **98¢**

Remote Control Knob

Part Number 8208

C10513—Large bakelite knob with calibrated dial scale for Ford-Majestic Model 111 auto radio.

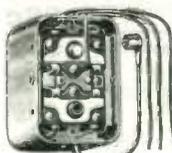


YOUR PRICE..... **95¢**

Send for your FREE copy

D12503—Genuine Majestic Replacement Parts Catalog listing complete line at lowest wholesale dealer prices. FREE Radolek can supply Genuine or Exact Duplicate replacement parts for practically any Grigsby-Grunow Majestic Radio Set.

REPLACEMENT COILS for all Majestic RADIOS



Exact Original Manufacturers Specifications

Each coil is completely assembled and an exact electrical and physical duplicate of the original. Size, mounting holes, trimmers and color coded leads are all carefully followed.

Transformers Pre-Tuned at Factory
Coils are all precision machine wound. Highest quality materials and workmanship.

The word "Complete" after any coil description signifies that the shield can and trimmer condenser are included.

Majestic Part Number	For Majestic Model Numbers	Description	Stock Number Complete Assembly	Your Price	Stock Number Coil Only	Your Price
4428	15, 15B, 150	1st IF/Osc.	C9540	\$1.15	C9505	30c
4420-8384	15, 15B, 55, 150	2nd IF	C9541	.75	C9506	34c
5490	15, 15B, 55, 150	1st RF			C9542	59c
5488	15, 15B, 55, 150	2nd RF			C9543	44c
3908	20, 21, 22, 23	1st IF	C9544	1.25		
3907-3960	20, 21, 22, 23	2nd IF	C9545	1.35		
6506	55	1st IF	C9507	1.60		
4439	60, 160	1F and Osc.	C9555	1.50		
4267-4464	60, 160	2nd IF	C9556	1.39		
6884	120B	1st IF	C9508	.80		
379	90, 90A, 91, 92, 93, 100, 100B, 101, 102, 103	RF Choke			C10512	45c
6250	200	1st IF	C9567	1.10	C9509	36c
6263	200	RF Trans.			C9569	73c
6127	210	3rd IF	C9572	.70	C9522	36c
7187	280, 300, 310, 330, 460, 520, 800	RF Plate			C9536	39c
7812	310A-B, 330, 800	2nd IF			C9575	41c
00148						
10149	460, 490	1st IF	C9581	.75	C9532	36c
10253						
11014	460, 490, 570, 800	2nd IF			C9582	40c
9747-9748	460, 490, 520, 570, 10196	Ant. Coil			C9583	47c
10197	460, 490, 520	Osc. Coil			C9584	35c
9750-9751	460, 490, 570, 800	RF Trans.			C9585	47c

Condenser Blocks

Models 7P6, 8P6, 9P6



Exact duplicate Majestic replacement condenser blocks. Built to the original specifications they fit exactly and will give better service due to increased safety factors. All terminals plainly marked.

Part No. 7P6 for Model 70

Total 9 mid. Five lug terminals. Container 9x4x2 1/4 inches.

C8461—List. \$9.00.

YOUR PRICE..... **\$1.70**

Part No. 8P6 for Model 180

8P3 and 8P6 Power Packs
Total 9 mid. Six lug terminals. Container 9x4x2 1/4 inches.

C8462—List. \$12.00

YOUR PRICE..... **\$2.95**

Part No. 9P6 for Model 90

Total 7 mid. Six lug terminals. Container 9x4x2 1/4 inches.

C8463—Supplied with resistors in place of chokes.

YOUR PRICE..... **\$1.85**

C8464—Pt. No. 284. Supplied with chokes—reduces hum.

YOUR PRICE..... **\$2.95**

Dial Cables

Model Number	Stock Num.	Your Price
70, 71, 72—Exactly duplicate original (42 strands)	C4183	12c
70, 71, 72—(18 strands)	C4184	9c
180	C4185	15c
52, 60—Linen Cord	C4187	15c

Aerovox Electrolytic Condensers

For Majestic Receivers

Majestic Model	Mfg. Pt. No.	Stock Num.	Your Price	
201, 203, 204	6277	C7722	\$1.18	
291, 293, 294	7173	C7723	.56	
324, 344, 363	7988	C7730	.41	
311, 314, 315	331, 336-77, 344, 363	8118	C7731	.35
153, 154, 155		8385	C7733	.94
156		8755	C7736	.76
381				
411, 411A, 413, 413A		9661	C7740	1.06
40, 49, 194 (440)	10536	C7743	1.00	
55, 59, 75, 195, 560, 556				
Chassis 500	10827	C7744	1.09	

Automatic Cut-Out

For Use On Any Car Saves Battery, Vibrator, Etc.



D10533
YOUR PRICE **\$1.73**

Instantly cuts out all electrical accessories including lights, radio, heater, etc. on car when starter switch is depressed. Increases voltage and spark intensity resulting in quick motor starting. Saves battery, gasoline and time. Saves radio vibrator points from becoming pitted or fused as usually occurs when battery voltage drops under load of starter. Maximum contact current 38 amps. Supplied with mounting and installation instructions.

Popular EXACT Duplicate Replacements

Exact Duplicate Condenser Blocks

Only New High Quality Materials Used

For ATWATER KENT

No refitting or redrilling necessary to install these exact Duplicate Power Units. They match the original electrical and physical specifications.

For Models 40, 40F, 42, 42F, 44, 44F, 45, 52, 56 and 57

DB455—Condenser only for the power pack used in above models. List, \$3.00

YOUR PRICE \$1.47

For Models 37 and 38 Condenser and Choke

Contains 3 mfd. filter block and 3 chokes, two high voltage filter chokes and one speaker choke. Six color coded insulated 6" leads and ground terminal. Size 5 1/4 x 3 3/4".

AB450—List, \$6.00.

YOUR PRICE \$2.94

Atwater-Kent Line Ballast Resistors

Models 42, 43, 44 and 52. Size 5 1/2 x 1 1/2".

C3867—Model 42, 43 and 52. Pt. No. 13945, 28 Ohms.

R3868—Model 44-Pt. No. 13755, 21 Ohms.

YOUR PRICE, EACH \$42¢

SPARTON By Pass Condensers

Exact replacement for Sparton receivers—2 1/2" long—1 1/2" diameter. Bracket on end for 1/2 screw. Mounting lug with slot at side. Fibre case with hermetically sealed ends. Paper and foil type. 1928-31 models Working Volts 600

Stock Number	Cap. Mfd.	Price Each	Ten For
K7265	.25	26¢	\$2.46
K7266	.5	29¢	2.75
K7267	1.0	31¢	2.94

A.K. By-Pass Condensers

Part No. 14902 For Models 37, 38, 40, 42, 44 and 46

Exactly duplicates the original speaker by-pass condenser used in the above sets, 0.3 Mfd. 450 volts. Size 3 1/4" x 1 1/2" x 5/8".

AB453—List, 75¢.

YOUR PRICE \$59¢

Part No. 9497 for Models 37, 38, 39, 40, 42, 46, 52

.25-.25-.25 mfd. bypass condenser size 3x2x1/4. Three leads.

K8452—List, \$1.50.

YOUR PRICE \$59¢

SPARTON Condenser Blocks

Model 930

Exact duplicate of the original part used in the Model 930 Sparton receivers. Total capacity 6.1 mfd. Individual sections: 3-1 mfd., 1-2 mfd., 1-1 mfd., 1-1 mfd. All 600 volts. Leads are insulated and color coded exactly like those on the original part. Dimensions 5 1/2" high, 3 3/4" wide, 2 1/2" deep. New merchandise and fully guaranteed.

K8468—

YOUR PRICE \$3.95

Models AC69A, 79A, 89, and 78A

Total capacity 7 1/2 mfd. 8 color coded 10" leads. Dimensions: 5 1/2" high, 3 3/4" wide, 2 1/2" deep. 2 1/2" mounting hole centers.

K8469—

YOUR PRICE \$4.25

Model 89A

Total 6 mfd. Five leads. Container size 7 1/4 x 3 inches.

K8470—List, \$12.00.

YOUR PRICE \$3.70



110-120 V. 60 Cycle A.C. For Models 43, 46, 47, and 53 Condenser Only

N8457—Condenser only for the power pack used in models 43, 46, 47, and 53. List, \$6.06.

YOUR PRICE \$3.50

Models 55, 55C, 60, 60C Condenser Assembly

Part Number 14340 Total 8.2 mfd. 7 terminals. Container size 3 1/4 x 3 1/4 x 2 1/2 inches.

K8451—List Price, \$7.19.

YOUR PRICE \$3.10

Exact Duplicate Dial Repair Parts

Dial Drive Assembly For R.C.A. Victor Receiver

R.C.A. Part 2999. Complete tuning dial drive shaft with mounting screws, lock washers and friction rubber. Exact replacement for R.C.A. Victor models: R-7A, R-9D.C., R-43, R-11, R-7D.C., R-9D.W., R-10, BE-18, RAK-26, RE-16A, R-10D.C., R-7, R-9, R-4, R-6 and R-8.

N10544—List, 40¢.

YOUR PRICE 21¢

Crosley Tuning Pinion

Exact replacement tuning drive gear casting for Crosley models 26, 53, 57, 608, 706 Gembox and Showbox.

R10534—List, 63¢.

YOUR PRICE 41¢



FADA Tuning Drum

Same as original number 1716X. For all early models 4 1/2" diameter, 1/2" track. Shpg. wt. 1 lb.

K10538—

EACH \$1.03



FADA Tuning Bracket

For all of the older models of Fada Receivers. Part number stamped on casting. Shpg. wt. 1 lb.

K10535—Part No. 858MP

K10536—Part No. 872MP

YOUR PRICE, EACH 88¢

FADA Friction Drive Shaft

For use with drum dial number 871MP illustrated above. Supplied complete with all washers, spring, etc. Assembled ready for use. Shpg. wt. 1 lb.

K10539—2 1/2" long. Part No. 1724X

K10540—2 1/4" long. Part No. 1724R

K10541—2 1/2" long. Part No. 1724B

YOUR PRICE, EACH 59¢



FADA Dial Scale and Drum

Same as original Fada Part number 871MP. For all early models. Scale riveted to drum. Shpg. wt. 2 lbs.

K10537—Part No. 871MP

YOUR PRICE \$1.26



Aerovox Exact Duplicate Replacement Condensers

Model Receiver	Part Number	Cap. Mfd.	D.C. Work. Voltage	Stock Num.	Your Price	Model Receiver	Part Number	Cap. Mfd.	D.C. Work. Voltage	Stock Num.	Your Price
ATWATER KENT 155 (1 & 2) 275, 825	24602	8-8-8	150	A7650	\$0.97	MOTOROLA-34, (Calvin) 100 75 (Later) 57 (Early)	34	3-8x10	200x25	A7749	\$0.82
	26158	8-14-8	150	A7652	1.15		1388	8-8x25	350x25	A7750	1.18
BELMONT—425 (Freshman)—545	A11093-1	3-25-5	200	A7659	1.15	1468	6-1x6	200x12	A7752	.82	
	C-525-B	3-25-5	100	A7657	.94	1424	2-4	250	A7745	.65	
	103-4	16	500	A8039	.79	80944E New	4-12-16	150	A7756	1.09	
	103-6	8	500	A8037	.56	80944A Old	4-12-16	150	A7756	1.09	
	103-8	16	500	A8039	.79	G. E. RCA K60, R37, R38, K65, R37P, R38P, K63, 120 C-30, 100, 101, 103 K43, T-48, T-49 K66, 220 K66N, 222 K52, R28, R28P, K63, RE40, T52, 110, 111, 115, 117, 118, 119, 128, 128E, 210, 211, 224E, 226, 310	6487	4-4x10x4	300x150x25	A7760	1.21
CROSLLEY 124, 125 148, 167	W23801	6-8	450	A7668	.85		66155	8-8x5-5	450x50	A7766	1.29
169	W27488A	8x6	25x300	A7674	.56		66185-2	8-4x-4	350x150x25	A7767	1.21
168, 172	W29150B	6x7x8	450x400x25	A7679	1.06		66189-2	8-4x-4	350x150x25	A7767	1.21
175	W29264A	16x16x8	125x100x20	A7680	1.18		7589 06143	4x4	150x450	A7769	.62
173, 173-5	W30059A	8-8x8	450x250	A7685	1.29		K12J6	12-8-8	450-450-350-25	A7773	1.29
175	W30124	16x16-8	100x125	A7686	1.27		K12J11	4-4	450	A8018	.70
555, 915, 1055, 1155, 6615, 6625	W30962	8-25	150	A7688	.85		4-20	200	450	A8018	.82
555, 715, 725, 855, 885, 915, 955, 1055, 6625	W32374	8-8x8	450x250	A7685	1.29		5-25-5	175	150	A8018	1.18
DETROLA 1480	W36057	40	350	A8045	1.18		ER 81959 83111	4-13-7	150	A7781	.97
ERLA—580 31B74, 32B69	W36055	30	500	A8041	1.06	8-8x5-5	250x25	A7782	1.15		
EMERSON 32 19 31B5	1460	4-8-20	150	A7692	1.06	6508	8-8x-4	350x25	A7791	1.21	
	GGC-137	4-10-7-7	150	A7693	1.27	6201	4-4-12	200	A7793	1.00	
	KKC-143	8-20	150	A7820	.79	4052	8-25	150	A7688	.85	
GRUNOW 501-550 Chassis 5B 670, 671 Chassis 6D	103-4	8-16x5-5	150x25	A7698	1.21	R13183 1210514	8-8x12	250x25	A7794	1.06	
	103-6	12-8	150	A7699	.73	1042	16	500	A8039	.79	
	103-8	12-8x5-5	150x25	A7700	1.15	K1043	20	350	A8044	.79	
INTERNATIONAL ES19, ES20, ES25, ES30, 60, 65, 80, 85	103-6	4-8-10	150	A7701	1.12	5401, 4P26, 22-407B	2-4-8	450	A7803	1.15	
	103-8	12-12	150	A7691	1.03	WELLS- GARDNER ZENITH Chassis 4T26, 4P51, 4T51	4-4-12	250x25	A7788	1.18	
	103-8	8-16	150	A7703	.79						
40, 41, 42, 46 6F, 66X 1019	27151	4x8-20-4	25x150	A7708	1.29	SIMPLEX P. R Model V	4-4	450	A8018	.70	
	30091-1	8-8x8x12-12	450x475x25	A7709	1.88						4-20
	A-407	4-4	150	A7710	.50	SPARTON A-9550	5-25-5	175	A7788	1.18	
	A-412	8-30	150	A7712	.91	STEWART WARN ER R-115, R-116 R-112	4-13-7	150	A7781	.97	
	A-427	3-5-3, 5x3.5	100x25	A7715	.70	UNITEDMOTORS 4048 4052 982008	8-8x-4	350x25	A7791	1.21	
	A-422, A443	3-5-3, 5x3.5	150x25	A7716	.76	R13183 1210514	4-4-12	200	A7793	1.00	
	A468	8-30	150	A7747	.68	WELLS- GARDNER ZENITH Chassis 4T26, 4P51, 4T51	8-25	150	A7688	.85	
		8-8x8-8	150x250	A7718	1.35						

THORDARSON AUDIO TRANSFORMERS, CHOKES and Power Transformers

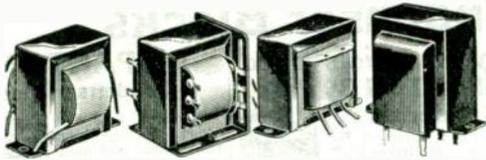


FIG. A FIG. B FIG. C FIG. D

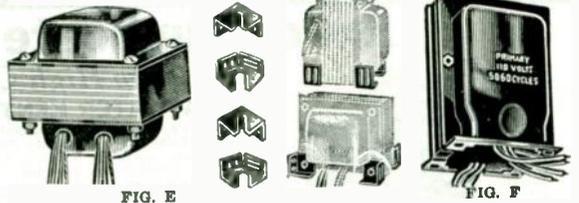


FIG. E FIG. F

Class A Audio Transformers

* Peaked for coupling detector tube to first audio.

Thor Type	Stock Num.	Your Price	Application	Turns Ratio	Pri. M.A.	Fig.	Size W x D x H
T-13A34	R6690	\$0.79	Single Plate to Single Grid. Plate	1:3	8	C	2 1/4 x 1 1/2 x 1 1/2
T-29A99	R6616	1.03	Imp. 10,000 ohms	1:3.26	8	A	2 1/2 x 2 1/2 x 3
T-47A25	R6615	1.03	Imp. 10,000 ohms	1:3	8	B	2 1/2 x 2 1/2 x 3
T-57A36	R6617	1.18	Couples all tubes	1:3.26	8	D	2 1/2 x 2 1/2 x 3
T-57A38	R6620	1.62	Universal Sgle or P.P.	1:3	8	D	2 1/2 x 2 1/2 x 3
T-17A02	C6642	1.32	Universal Sgle or P.P.	1:3	10	D	2 1/2 x 2 1/2 x 3
T-13A35	R6601	.88	Single Plate to P.P. Grid. Plate	1:3	8	C	1 1/2 x 2 1/2 x 1 1/2
T-14A29	R6623	1.32	P.P. Grid. Plate	1:3.26	8	A	2 1/2 x 2 1/2 x 3
T-33A91	R6621	1.18	Impedance 10,000 ohms. Couples all tubes	1:3.26	8	B	2 1/2 x 2 1/2 x 3
T-57A40	R6624	1.62	Impedance 10,000 ohms. Couples all tubes	1:3	8	A	2 1/2 x 2 1/2 x 3
T-57A41	R6625	1.76	Operated in Class A	1:3	8	D	2 1/2 x 2 1/2 x 3
T-57A42	C6644	1.91	Operated in Class A	1:1*	8	A	2 1/2 x 2 1/2 x 3
T-74A31	R6609	1.91	Operated in Class A	1:1*	8	A	2 1/2 x 2 1/2 x 3
T-58A03	R6622	1.18	Operated in Class A	1:3.26	8	C	2 1/2 x 2 1/2 x 3
T-14A92	C6643	.73	Operated in Class A	1:3	8	C	1 1/2 x 1 1/2 x 1 1/2
T-13A36	R6602	1.18	P.P. Plate to P.P.	1:1	8	D	2 1/2 x 2 1/2 x 3
T-58A70	R6610	1.91	Grid. Pri. Imp.	1:1.5	10	C	2 1/2 x 2 1/2 x 3

Class AB Driver Transformers

*Ratio of 1/2 primary to secondary.

Thor Type	Stock Num.	Your Price	Application	Turns Ratio*	Pri. M.A.	Fig.	Size W x D x H
T-17D01	C6649	\$1.18	1-6F8, 42 2A5 to 2-8D6	1:7.1	81	C	2 1/2 x 2 1/2 x 2
T-81D42	C6684	1.91	2-6F8, 42 2A5, 6L6 or 4 to 2A3, 6B4G	1:5.1	31	D	2 1/2 x 2 1/2 x 3
T-74D39	C6611	1.91	2-6C5, 76 to 2-6N7, or to 4-2A3, 6B4G	8:1	10	D	2 1/2 x 2 1/2 x 3
T-84D59	C6675	1.91	2-6C5, 76 to 2-6L6, 6V6 (Split Sec.)	5:1	10	D	2 1/2 x 2 1/2 x 3

Class B Driver Transformers

Thor Type	Stock Num.	Your Price	Application	Turns Ratio	Pri. M.A.	Fig.	Size W x D x H
T-87D47	C6631	1.47	1-6N7, 6A6 to 1-6N7 6A6, 63	5.3:1	10	D	2 1/2 x 2 1/2 x 2 1/2
T-87D78	C6607	1.76	1-46, 59 to 2-46, 59	2.2:1	7	A	1 1/2 x 1 1/2 x 2
T-78D46	C6630	.88	1-30 to 1-19 or 2-30's	2:4:1	7	A	1 1/2 x 1 1/2 x 2
T-84D59	C6675	1.91	2-6A6, 59 to 2-6N7, 6A6, 53 (Split Sec.)	5:1	10	D	2 1/2 x 2 1/2 x 3
T-14D93	C6645	1.03	76 Triode to 1-6A6 or 6N7	4:1	8	C	1 1/2 x 2 1/2 x 1 1/2

Output Transformers

For use in Class A, B, or AB audio amplification

Thor Type	Stock Num.	Your Price	Application	Turns Ratio	Pri. M.A.	Fig.	Size W x D x H
T-13S37	C6646	\$0.73	7,000 Ohms	36	C	1 1/2 x 1 1/2 x 1 1/2	
T-13S39	C6776	.73	4,000 Ohms	36	C	1 1/2 x 1 1/2 x 1 1/2	
T-13S40	C6777	.88	14,000 Ohms	40	C	2 1 1/2 x 1 1/2 x 1 1/2	
T-13S43	C6778	.79	16,000 Ohms	10	C	1 1/2 x 1 1/2 x 1 1/2	
T-14S81	C6647	.73	7,000 Ohms	40	C	1 1/2 x 1 1/2 x 1 1/2	
T-14S82	C6648	.73	1,500 Ohms	55	C	1 1/2 x 1 1/2 x 1 1/2	
T-68S72	C6608	2.20	3,000 Ohms	60	D	2 1/2 x 2 1/2 x 3	
T-68S73	C6639	2.35	8,000 Ohms	36	D	2 1/2 x 2 1/2 x 3	
T-67S48	C6637	2.96	8,000 Ohms	60	D	2 1/2 x 2 1/2 x 3	
T-67S52	C6641	2.35	8,000 Ohms	60	D	2 1/2 x 2 1/2 x 3	
T-67S54	C6640	2.35	5,000 Ohms	500	0	D	2 1/2 x 2 1/2 x 3
T-67S92	C6687	2.35	1,500 Ohms	80	D	2 1/2 x 2 1/2 x 3	
T-75S78	C6688	2.35	10,000 Ohms	45	D	2 1/2 x 2 1/2 x 3	
T-89S74	C6612	2.20	4,000 Ohms	70	D	2 1/2 x 2 1/2 x 3	
T-89S75	C6613	2.35	6,000 Ohms	80	D	2 1/2 x 2 1/2 x 3	
T-81S01	C6658	.88	10,000 Ohms to 2-4-8 V. C.	15	A	1 1/2 x 1 1/2 x 2	
T-89S68	C6614	3.82	3,300 Ohms to 50-125-200-250-333-500 Ohm Line	150	F	3 1/2 x 3 1/2 x 4 1/2	

Universal Output Transformer

For any Single or Push Pull Tube to any Voice Coil .1 to 29 Ohms

*Combination lug and lead terminals. Primaries are center tapped.

Thor Type	Stock Num.	Your Price	Application	Turns Ratio	Pri. M.A.	Fig.	Size W x D x H
T-13S44	C6779	\$1.62	Pri. Imp. 3,000/10,000 P. P.	60	A	2 1/2 x 2 1/2 x 3	
T-13S42	C6780	.88	Pri. Imp. 1,500/7,000 Single	55	C	2 1 1/2 x 1 1/2 x 1 1/2	
T-13S38	C6689	.88	Pri. Imp. 4,000/7,000	36	C	2 1 1/2 x 1 1/2 x 1 1/2	
T-17S57	C6635	1.32	Pri. Imp. 4,000/14,000 Ct.	36	B	2 1/2 x 1 1/2 x 2 1/2	
T-57S01	C6634	1.18	3,000/10,000/14,000 Ct.	36	A	2 1/2 x 2 1/2 x 3	

Audio Reactors—Impedance Chokes

*For use as output plate impedance choke.

Thor Type	Stock Num.	Your Price	D. C. Ohms	Max. M.A.	Inductance Henries at M.A.	Fig.	Size W x D x H	
T-18C92	C6650	\$0.88	405	35*	22	35	C	2 1/2 x 2 1/2 x 3
T-29C27	C6655	.88	6150	8	700	5	A	2 1/2 x 2 1/2 x 3
T-68C08	C6639	1.03	405	35*	22	35	D	2 1/2 x 2 1/2 x 3
T-74C30	C6691	.88	2100	15*	42	15	A	2 1/2 x 2 1/2 x 3

Thordarson Transformer Headquarters

If the transformer you require is not listed send us your order and we will make quick shipment at Regular Dealer Price.

Power Transformers—Fig. E

All Primaries for 105-120 Volts, 50-60 Cycles A. C.

*All voltage windings are center tapped except rectifier filament. †Has tap at 2.5 Volts for using either 2.5V. or 6.3V. tubes.

Thor Type	Stock Num.	Your Price	Rect. Fil. V.	A.	Rect. A.C. V.* M.A.	Filament V.* A.	Size W x D x H
T-13R00	R6693	\$2.50	5	3	550	70	5.0 0.5 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R01	R6694	1.62	5	3	650	40	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R02	R6695	2.06	5	3	700	50	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R03	R6696	2.20	5	3	700	70	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R04	R6697	2.50	5	3	700	100	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R05	R6698	2.35	5	3	700	70	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R06	R6699	3.09	5	3	700	120	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R07	R6740	3.23	5	3	800	110	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R08	R6741	2.65	5	3	700	90	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R09	R6742	3.67	5	3	750	180	2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R11	R6743	1.62	5	3	580	50	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R12	R6744	2.06	5	3	700	70	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R13	R6745	2.35	5	3	700	90	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R14	R6746	2.50	5	4	700	120	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R15	R6747	3.38	5	4	750	150	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R16	R6748	3.67	5	3	800	200	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R17	R6749	2.35	5	3	600	60	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R18	R6720	2.65	5	3	700	90	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5
T-13R19	C6782	1.47	5	2	480	40	6.3 2.0 2.5 2.5 10.5 2.5 4.0 2.5 7.3 2.5 9.0 2.5 12.5 2.5 9.0 2.5 3.5

Upright Mtg. Power Transformers—Fig. F

C6721—T-56R01—Secondaries: 5V @ 2A., 650 V CT @ 70Ma., 2.5V CT @ 3A., 5V CT @ 0.5A., 1.5V @ 1A., 1.5V @ 4A. Size, 3 1/2" W, 3 1/2" D. \$3.23
 †4% H. YOUR PRICE
 C6722—T-56R03—Secondaries: 5V @ 3A., 700V CT @ 105Ma., 2.5V CT @ 3A., 2.5V CT @ 1.7A., 1.5V @ 5A., 1.5V @ 1A. Size, 3 1/2" W, 3 1/2" D. \$3.53
 †4% H. YOUR PRICE
 C6723—T-56R05—Secondaries: 5V @ 3A., 700V CT @ 110Ma., 2.5V CT @ 9A., 2.5V CT @ 3A., 2.5V CT @ 3A. Size 3 1/2" W, 3 1/2" D, 4 1/2" H. \$3.53
 †4% H. YOUR PRICE

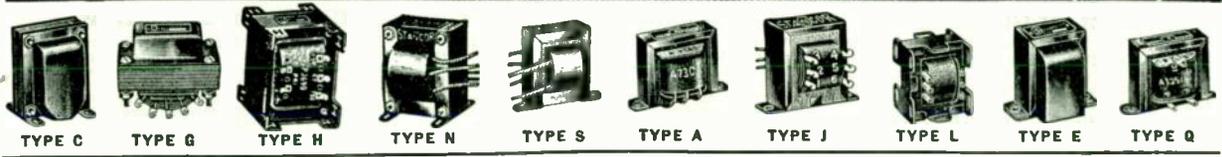
Filter Chokes

1600 Volt Insulation. T-74C29 has 2000 V. Insulation

Thor Type	Stock Num.	Your Price	D. C. Ohms	Max. M.A.	Inductance Henries at M.A.	Fig.	Size W x D x H		
T-13C26	C6760	\$0.53	530	40	8	40	C	1 1/2 x 1 1/2 x 1 1/2	
T-13C27	C6761	.65	475	40	10	40	C	2 1/2 x 1 1/2 x 1 1/2	
T-13C28	C6762	.71	460	65	10	65	C	2 1/2 x 1 1/2 x 2	
T-13C29	C6763	.94	250	95	8	85	C	2 1/2 x 2 1/2 x 2	
T-13C30	C6764	1.18	200	150	8	150	A	2 1/2 x 1 1/2 x 1 1/2	
T-14C61	C6783	.59	200	65	7	55	C	2 1/2 x 1 1/2 x 1 1/2	
T-14C62	C6784	.59	250	55	8	55	C	2 1/2 x 1 1/2 x 1 1/2	
T-14C63	C6785	.59	300	55	8	55	C	2 1/2 x 1 1/2 x 1 1/2	
T-14C64	C6786	.59	350	55	10	55	C	2 1/2 x 1 1/2 x 1 1/2	
T-17C00	C6854	1.62	931	150	12	150	D	2 1/2 x 3 1/2 x 3 1/2	
T-17C01	C6855	.87	405	35	22	35	C	2 1/2 x 1 1/2 x 2 1/2	
T-17C02	C6856	.97	260	75	10	75	B	1 1/2 x 2 1/2 x 2 1/2	
T-44C02	C6766	.88	405	80	12	80	C	1 1/2 x 2 1/2 x 2 1/2	
T-47C07	C6651	.97	410	75	12	75	C	2 1/2 x 2 1/2 x 2 1/2	
T-53C19	C6767	.88	290	120	8	120	A	2 1/2 x 2 1/2 x 2 1/2	
T-57C51	C6769	.88	138	80	8	80	A	2 1/2 x 2 1/2 x 2 1/2	
T-57C52	C6770	1.03	138	80	5	80	A	2 1/2 x 2 1/2 x 2 1/2	
T-57C53	C6653	1.18	200	110	10	110	A	D	2 1/2 x 2 1/2 x 3 1/2
T-67C54	C6771	1.32	200						

STANCOR

Power Transformers
Chokes—Audios—Outputs



Power Transformers

For 105-120 Volt, 50-60 Cycle AC Operation
Fully Shielded Replacements—Type C

For 6.3 Volt Tubes

Stancor Type	Stock Num.	Year Price	Plate		Rectifier		Fil. #1		Mtg. Area	Mtg. Ctra.
			V.*	Ma.	V.	A.	V.*	A.		
P-4078	C6441	\$2.06	650	40	5	2	6.3	2	2 1/2 x 3 1/2	2 1/2 x 1 1/2
P-4077	C6442	2.21	700	50	5	2	6.3	2	3 1/2 x 3 1/2	2 1/2 x 1 1/2
P-4078	C6443	2.65	700	70	5	2	6.3	3	3 1/2 x 3 1/2	2 1/2 x 1 1/2
P-4079	C6444	2.88	700	90	5	3	6.3	3	3 1/2 x 3 1/2	2 1/2 x 2 1/2
P-4080	C6445	3.38	700	110	5	3	6.3	4	3 1/2 x 3 1/2	3 x 2 1/2
P-4081	C6446	3.94	800	160	5	3	6.3	4.5	3 1/2 x 3 1/2	3 x 2 1/2
P-4004	C6447	5.00	1800	175	5	3	16.3	4.5	3 1/2 x 3 1/2	3 x 2 1/2

For 2.5 Volt Tubes—Type C

Stancor Type	Stock No.	Year Price	Plate		Fil. #1		Fil. #2		Fil. #3		Mtg. Area	Mtg. Ctra.
			V.*	M.	V.	A.	V.	A.	V.*	A.		
P-4042	C6478	\$2.65	700	70.5	3	2	5.3	5.3	2.5	7.5	3 1/2 x 3	2 1/2 x 1 1/2
P-4043	C6479	3.09	700	90.5	3	2	5.3	5.3	2.5	9	3 1/2 x 3 1/2	2 1/2 x 2 1/2
P-1504	C6328	3.23	700	120.5	3	2	5.3	12	5	9	4 x 3 1/2	3 1/2 x 2 1/2
P-050	C6329	3.35	700	120.5	3	2	5.3	12	5	9	4 x 3 1/2	3 1/2 x 2 1/2

Has extra 6.3 C. T. 2.5 Amp. Fil. wdg. also 80 volt bias tap and separate 2.5 volt .75 Amp. Fil. wdg. for bias rectifier. *Indicates center tapped.

Flush Mounting Replacements—Type G

For 2.5 Volt Tubes

Stancor Type	Stock Num.	Year Price	Plate		Fil. #1		Fil. #2		Fil. #3		Mtg. Area	Mtg. Ctra.
			V.*	M.	V.	A.	V.	A.	V.*	A.		
P-2750	C6310	\$1.32	650	40	5	2	2 1/2	3 1/2	2 1/2	3 1/2	2 1/2 x 3"	2 x 2 1/2"
P-2868	C6312	1.68	650	40	5	2	2 1/2	1 1/2	2 1/2	3 1/2	2 1/2 x 3 1/2"	2 x 2 1/2"
P-2869	C6313	1.91	700	50	5	2	2 1/2	1 1/2	2 1/2	5 1/2	2 1/2 x 3 1/2"	2 1/2 x 2 1/2"
P-2859	C6314	2.21	700	70	5	3	2 1/2	3 1/2	2 1/2	7 1/2	3 1/2 x 3 1/2"	2 1/2 x 3 1/2"
P-2860	C6315	2.35	700	90	5	3	2 1/2	3 1/2	2 1/2	9	3 1/2 x 3 1/2"	3 x 3 1/2"
P-3700	C6316	3.38	700	110	5	3	2 1/2	3 1/2	2 1/2	14	3 1/2 x 4 1/2"	3 x 3 1/2"

For 6.3 Volt Tubes—Type G

40 Volt tap on high voltage for bias. *Center Tapped.

Stancor Type	Stock Num.	Year Price	Plate		Fil. #1		Fil. #2		Mtg. Area	Mtg. Ctra.
			V.*	Ma.	V.	A.	V.*	A.		
P-2751	C6317	\$1.41	650	40	5	2	6.3	1.6	2 1/2 x 3"	2 x 2 1/2"
P-2771	C6318	1.47	650	40	5	2	6.3	2	2 1/2 x 3"	2 x 2 1/2"
P-947	C6321	1.82	700	50	5	2	6.3	2	2 1/2 x 3 1/2"	2 1/2 x 2 1/2"
P-948	C6319	2.35	675	70	5	3	6.3	2 1/2	3 1/2 x 3 1/2"	2 1/2 x 3 1/2"
P-949	C6320	2.55	700	120	5	3	6.3	3	3 1/2 x 3 1/2"	2 1/2 x 3 1/2"
P-955	C6322	3.53	800	160	5	3	6.3	3 1/2	3 1/2 x 3 1/2"	3 x 3 1/2"
P-3700	C6323	4.41	1050	175	5	4	6.3	4 1/2	3 1/2 x 4 1/2"	3 x 3 1/2"

Universal Mounting Replacements—Type H

Overall Size: H. 4 1/2" x W. 3 1/2" x D. 4 1/2".
*Center Tapped.

Stancor Type	Stock Number	Year Price	Plate		Fil. #1		Fil. #2		Fil. #3		Fil. #4	
			Volts	MA.	V.	A.	V.*	A.	V.*	A.	V.*	A.
P-841	C6334	\$4.27	1200	150	7 1/2	2 1/2	7 1/2	2 1/2	2 1/2	2 1/2	2 1/2	6.3
P-844	C6335	4.27	1200	150	7 1/2	2 1/2	7 1/2	2 1/2	2 1/2	2 1/2	10 1/2	6.3

Filter Chokes—Type A

Stancor Type	Stock Num.	Year Price	Henry Ind.	D.C. Ohms	M.A. Cap.	Mtg. Ctrs.	Size HxWxD
C1723	C6528	\$0.50	4.4	330	50	2"	1 1/2 x 2 1/2 x 1 1/2"
C1706	C6529	.53	5	300	50	2"	1 1/2 x 2 1/2 x 1 1/2"
C1707	C6530	.53	7	500	50	2"	1 1/2 x 2 1/2 x 1 1/2"
C1003	C6355	.73	30	550	50	2 1/2"	1 1/2 x 3 1/2 x 1 1/2"
C1708	C6531	.70	10	460	65	2 1/2"	1 1/2 x 3 1/2 x 2 1/2"
C1002	C6356	.91	30	400	75	3 1/2"	2 1/2 x 3 1/2 x 1 1/2"
C1709	C6532	.94	9	250	85	2 1/2"	1 1/2 x 3 1/2 x 2 1/2"
C1001	C6357	1.09	30	200	110	3 1/2"	2 1/2 x 4 x 2
C1710	C6533	1.18	8	200	150	3 1/2"	2 1/2 x 4 x 2 1/2"

For AC-DC Receivers—Type A

Stancor Type	Stock Num.	Year Price	Henry Ind.	D.C. Ohms	M.A. Cap.	Mtg. Ctrs.	Size HxWxD
C1080	C6358	.15	15	200	50	2 1/2"	1 1/2 x 2 1/2 x 1 1/2"
C1277	C6360	.53c	15	300	50	2 1/2"	1 1/2 x 2 1/2 x 1 1/2"
C1277	C6361	.15	15	350	50	2 1/2"	1 1/2 x 2 1/2 x 1 1/2"
C1279	C6362	.15	15	400	50	2 1/2"	1 1/2 x 2 1/2 x 1 1/2"
C1215	C6364	.15	15	500	50	2 1/2"	1 1/2 x 2 1/2 x 1 1/2"

Output Choke—Type A

*Center tapped—can be used for P.P. tubes.

Stancor Type	Stock Num.	Year Price	Henry Ind.	D.C. Ohms	M.A. Cap.	Mtg. Ctrs.	Size HxWxD
C1003	D6355	\$6.73	30	550	60	2 1/2"	1 1/2 x 3 1/2 x 1 1/2"
C1034	D6354	.73	30	1150*	30	2 1/2"	1 1/2 x 2 1/2 x 1 1/2"

Universal Output Transformers

Adjustable for Any Single or Push Pull Tube to Any Speaker
Voice Coil Impedance from 1 to 30 Ohms

Primaries are center tapped. *Combination lug and lead terminals.

Stancor Type	Stock Num.	Year Price	Overall Impedance	Primary C.T.	Pri. M.A.	Type	Size HxWxD
A3856	C6564	\$0.76	4000, 7000, 8000, 10000, 14000		35	Q	1 1/2 x 2 1/2 x 1 1/2"
A3856	C6565	.88	1500, 2000, 4000, 5000, 7000		55	Q	1 1/2 x 2 1/2 x 1 1/2"
A3823	C6528	.88	4000, 7000, 8000, 10000, 14000		40	Q	1 1/2 x 2 1/2 x 1 1/2"
A3856	C6566	.88	4000, 7000, 8000, 10000, 14000		40	J	2 x 2 x 1 1/2"
A3852	C6567	1.12	4000, 7000, 8000, 10000, 14000		40	J	2 1/2 x 2 1/2 x 1 1/2"
A2855	C6342	1.03	4000, 7000, 8000, 10000, 14000		50	E	2 x 2 x 2 1/2"
A3890	C6569	1.62	4000, 7000, 8000, 10000, 14000		50	L	2 1/2 x 2 1/2 x 2 1/2"
A3830	C6521	1.62	3000, 5000, 6600, 7000, 8000, 10M		60	J	2 1/2 x 3 1/2 x 2 1/2"

Output Transformers

For Use in Class A, B, or AB Audio Amplification

*10% Inverse feedback winding used. †Windings marked "C" are center-tapped for either single or Push-Pull tubes.

Stancor Type	Stock Num.	Year Price	Impedance		Pri. M.A.	Type	Size H x W x D
			Pri.†	Sec.			
A3822	D6514	\$0.67	7M/10M	7.1, 1.4/2.2, 8.4	45	Q	1 1/2 x 2 1/2 x 1 1/2"
A3825	D6515	.94	2500	1.2, 2.4	75	Q	1 1/2 x 3 1/2 x 1 1/2"
A3824	D6519	1.12	8000(Ct)	1.2, 4	75	Q	1 1/2 x 3 1/2 x 2 1/2"
A3848	D6571	.73	16000	1.2, 4	10	Q	1 1/2 x 2 1/2 x 1 1/2"
A3865	D6572	.73	1500	2.4, 6	55	A	1 1/2 x 2 1/2 x 1 1/2"
A3406	D6573	.79	14000(Ct)	3.5	45	A	1 1/2 x 2 1/2 x 1 1/2"
A3876	D6544	.53	2000	4	40	A	1 1/2 x 2 1/2 x 1 1/2"
A3877	D6545	.53	5000	4	40	A	1 1/2 x 2 1/2 x 1 1/2"
A3878	D6546	.53	7000	4	30	A	1 1/2 x 2 1/2 x 1 1/2"
A3879	D6547	.53	10000	4	30	A	1 1/2 x 2 1/2 x 1 1/2"
A3881	D6548	.53	15000	4	10	A	1 1/2 x 2 1/2 x 1 1/2"
A3857	D6574	.76	25000(Ct)	4	10	A	1 1/2 x 2 1/2 x 1 1/2"
A2203	D6344	.71	4000	8	40	A	1 1/2 x 2 1/2 x 1 1/2"
A2313	D6347	.82	7000	6	40	A	1 1/2 x 3 1/2 x 1 1/2"
A2201	D6349	.88	8000(Ct)	6	40	A	1 1/2 x 3 1/2 x 1 1/2"
A2312	D6351	.88	14000(Ct)	4	40	A	1 1/2 x 3 1/2 x 1 1/2"
A3851	D6575	2.50	4400*(Ct)	4, 8, 15, 250, 500	70	C	3 1/2 x 3 1/2 x 3 1/2"
A3301	D6576	2.35	3000(Ct)	4, 8, 15, 500	55	C	3 1/2 x 2 1/2 x 3 1/2"
A3528	D6577	1.62	4000(Ct)	4, 8, 15, 500	65	C	3 1/2 x 2 1/2 x 3 1/2"
A3800	D6578	2.56	5000(Ct)	4, 8, 15, 250, 500	80	C	3 1/2 x 2 1/2 x 3 1/2"
A3801	D6579	2.79	6000(Ct)	4, 8, 15, 250, 500	150	C	3 1/2 x 3 1/2 x 3 1/2"
A3304	D6588	2.24	7M/10M(Ct)	4, 8, 15, 500	60	C	3 1/2 x 3 1/2 x 2 1/2"
A3303	D6581	2.06	14000(Ct)	4, 8, 15, 500	55	C	3 1/2 x 3 1/2 x 2 1/2"

Audio Transformers

Any Single Plate to Any Single Grid

Stancor Type	Stock Num.	Year Price	Turns Ratio	Pri. M.A.	Core Size	Type	Size HxWxD
A53	C6522	\$0.68	3:1	10	1 1/2 x 1 1/2"	A	1 1/2 x 2 1/2 x 1 1/2"
A63	C6523	.79	3:1	10	1 1/2 x 1 1/2"	A	1 1/2 x 2 1/2 x 1 1/2"
A73	C6373	1.00	3:1	10	1 1/2 x 1 1/2"	A	2 x 3 1/2 x 1 1/2"

Push-Pull Inputs

Any Single Plate to Any P.P. Grids

Stancor Type	Stock Num.	Year Price	Turns Ratio	Pri. M.A.	Core Size	Type	Size HxWxD
A53C	C6524	\$0.73	3:1	10	1 1/2 x 1 1/2"	A	1 1/2 x 2 1/2 x 1 1/2"
A63C	C6525	.85	3:1	10	1 1/2 x 1 1/2"	A	1 1/2 x 2 1/2 x 1 1/2"
A4740	C6582	.85	3:1	10	1 1/2 x 1 1/2"	S	2 x 2 x 1 1/2"
A4737	C6374	.86	3:1	10	1 1/2 x 1 1/2"	A	2 x 2 x 1 1/2"
A4750	C6583	1.06	3:1	10			

EXACT DUPLICATE

STANCOR

POWER TRANSFORMERS

Exact Fit Guaranteed

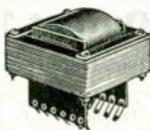
THEY FIT! Mounting holes, lugs, voltages and everything exactly like the original. Better insulation and higher safety factor than the original but otherwise the same. We can supply any Transformer you require.

Complete Stock—Quick Shipments

**Airline 62-060,
62-070, 62-1800, and
Apex 26**

Stancor Type No. P-1405.
Weight, 5 lbs.
List Price, \$3.90.

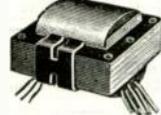
**C6004—
YOUR PRICE \$2.99**



**Atwater-Kent Models 70, 72, 74, 76
Chassis Models L1, L2, H1, H2, P**

List Price, \$6.75.
Stancor Type No. P-1068.

**C6026—
YOUR PRICE \$3.97**



RADIO MODEL	Stock No.	Stancor Type	Your Price
ATWATER-KENT			
82, 85	C6028	P-1084	\$3.82
87, 89, 89P, 99 (1st & 2nd)	C6030	P-1089	4.41
145, 165, 185, 185A, 180, 325, 425, 475, 525, 665, 735, 944	C6014	P-6018	2.71
310, 510 (Late), 559	C6031	P-6017	3.97
BOSCH—675F, 675Q, 575U, 585, 585Y, 585Z	D6046	P-6094	3.38
BRUNSWICK			
2KR0, 3KR0, 3KR6, 5KR, 5KR0, 5KR6	D6044	P-791	2.65
3-NC8, 5-NC8	C6045	P-716	3.23
CLARION			
AC-260	C6051	P-1494	3.70
AC-300	D6059	P-1915	4.06
AC-360 (360)	C6056	P-1861	4.41
480	C6058	P-1560	4.00
CROSLLEY			
505, 515, 516, 525, 5515, 5516, 6516	C6032	P-5095	1.91
517, 547, 567, 5517	D6037	P-6098	2.21
534, 635, 655	C6039	P-5092	2.12
526, 555, 616, 5526, 5555	C6040	P-5094	2.24
1117	C6235	P-6278	2.94
1127	C6236	P-6279	3.09
1137	C6237	P-6280	3.23

We can supply Exact Duplicate transformers for practically any Model Crosley Radio. Even if it is not shown in above listing send us your order giving model number of receiver. We will be able to fill your order 90% of the time.

EDISON—R-6, R-7	D6065	P-5091	4.41
GENERAL ELECTRIC			
A-52, A-55	C6090	P-6031	3.23
A-82, A-86, A-87	C6239	P-6284	3.53
A-93, A-95	C6123	P-6032	3.97
A-125	C6124	P-6035	4.12
E-61, E-62, E-68	C6125	P-6097	2.50
E-71, E-72, E-76, E-79	C6126	P-6033	2.50
E-81, E-86	C6151	P-6098	3.00
E-91, E-95, E-101, E-105, E-166	C6152	P-6034	3.38
H-31, H-51, H-51-R, H-71, H-91, H-91R	C6076	P-713	3.12
H-32, H-72	C6154	P-6073	4.97
J-70, J-75	C6077	P-1487	2.71
J-80, J-82, J-85, J-86, J-8-132, JZ-835	C6078	P-1483	3.35
J-100, J-105, J-107, J-109, K-50, K-50P, K-51, K-51P, K-52, K-53, K-53M, K-54, K-54P, K-55, K-58, K-62, KZ-62P	C6164	P-6055	2.35
	C6079	P-1474	3.64
M-51, M-51A, M-56, M-61, M-66, M-62, M-67, M-69, M-655, S-22, S-22A, S-22X	C6189	P-6047	2.53
M-81, M-85, M-86, M-89, M-106, M-107, M-125, M-129, M-130	C6188	P-6061	3.65
S-42, SZ-42P	C6080	P-1481	2.79
T-12, T-12E	C6082	P-1493	2.79
T-41	C6083	P-927	3.53

We can supply Exact Duplicate transformers for practically any Model of General Electric Radio Set. Even if it is not shown in above listing send us your order giving model number of receiver. We will be able to fill your order 90% of the time.

Additional Models

We are constantly adding to our stock additional models of Replacement Power Transformers. If the transformer you require is not quoted here, write us for price, stating make and model of the receiver and the number and type of tubes used. We will promptly send you a low quotation on the job and guarantee an exact replacement.

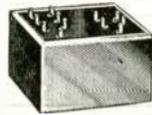
RADIO MODEL	Stock No.	Stancor Type	Your Price
GRAYBAR—GB-310, GB-311, GB-320, GB-321 GB-330, GB-340 GB-500, GB-550 GB-600 GB-4 GB-8	C6044 C6045 C6091 C6092 C6082 C6080	P-791 P-715 P-714 P-883 P-1493 P-1481	\$2.65 3.23 3.29 4.27 2.79 2.79
GB-8-A GB-9 GB-678 GB-700, GB-770, GB-900 GB-989, GC-14, GT-8 GC-13, GT-7	C6081 C6079 C6083 C6076 C6075 C6077	P-1482 P-1474 P-927 P-713 P-1489 P-1487	2.79 3.65 3.53 4.12 3.35 2.71
GRUNOX 460, 460X, 401, 461X 580, 581, 640, 641 660, 661, 662, 670, 671, 680, 691 1151, 1152, 1161, 1162	C6190 C6194 C6033 C6034	P-6080 P-6090 P-6081 P-6088	3.53 2.94 3.76 5.00

**Majestic Models, 91, 92 (90 Chassis),
101 (100 Chassis)**

Power Transformer

Stancor Type No. P-757.
List Price, \$6.80.

**C6112—
YOUR PRICE \$4.00**



RADIO MODEL	Stock No.	Stancor Type	Your Price
MAJESTIC			
21, 22, 23 (Unmounted 20 chassis)	C6106	P-954	\$3.76
71, 72 (Plate, 70 chassis)	C6108	P-790	2.65
90, 91, 93 (90B chassis) 102, 103 (100-B chassis)	C6111	P-939	3.76
151, 153 (Unmounted 15 chassis), 154 (Unmounted 15-B chassis), 155 (Un- mounted 160 chassis) 156 (Unmounted 15 chassis) 181 (Plate, 180 chassis)	C6114 C6115	P-906 P-789	2.35 5.29



PHILCO
We can supply Exact Duplicate transformers for practically any Model of Philco Radio Set. Even if it is not shown in listing below send us your order giving model number of receiver. We will be able to fill your order 90% of the time.

PHILCO			
14 (Late), 18, 118 (Code 124) 19, 45, 60, 66, 89, 264, 265 20, 220 (Chassis 20) 57, 58, 59 65 (Chassis 65) 70, 70A, 270, 370, 470, 470A, 570	C6132 C6207 C6133 D6128 C6136 C6137	P-1568 P-5021 P-762 P-5020 P-711 P-1119	\$3.53 2.06 3.71 1.91 3.68 3.68
80, 81 86 (Chassis 86) 87 (Chassis 87) 90, 90A, 490 (Chassis 90, 1-47) 95, 96, 296	C6209 C6140 C6141 C6142 C6146	P-6018 P-786 P-763 P-1468 P-787	1.91 3.53 3.53 3.53 3.53
111, 111A, 211 (Chassis 111) 112, 112A, 212 (2-456) 112, 212 (2-478)	C6147 C6148	P-788 P-882	3.97 3.88
37-9, 37-10, 37-650, 37-665, 37-2650, 38-3 (121), 38- 665, 38-2650 (321) 37-60, 37-61, 37-89, 37-610 (121), 37-620, 37-630 (121), 37-2620, 38-60 (121), 38-8 (125), 38- 610 (121), 38-620, (121), 38-630 (121), 38-2620, 38-2630 21 38-840 (121-125) 38-55 Power Trans. Fil. Trans. 39-116 Power Trans. Fil. Trans.	C6214 C6215 C6230 C6251 C6252 D6256 C6253 D6256	P-5040 P-5038 P-6267 P-5039 P-6259 P-6260 P-6256 P-6260	3.68 2.65 4.12 3.95 3.82 1.03 4.12 1.03
RCA—RADIOLA— VICTOR			
R-64, R-67 R-32, R-52, RE-45, RE-75 R-4, R-6 5T, 5T4, 5T5, 5U, 6K1, 6T5	C6159 C6160 C6077 C6216	P-827 P-717 P-1487 P-6067	9.41 4.70 2.70 2.24
C6-12, C6-11, 6K, 6T, 7K, 7T, 8K, 8K1, 8T	C6228	P-6074	2.06

Diagram of Connections

Each unit is packed in an individual carton containing a diagram which plainly designates the connecting leads, the voltages, and gives the circuit. When ordering, state name, model number of the set for which transformer is required together with the stock number and you will be assured of prompt shipment.



**RCA Victor Radiola
Models R 80, R 82, R 86**

**Graybar GB 700,
GB 770, GB 900**

**Westinghouse WR5,
WR6, WR6R, WR7**

Stancor Type No. P-713.
List Price, \$7.00.

C6076—YOUR PRICE \$4.12

**RCA Victor R 44, R 46AC, R 47
Graybar 500, 550**

Stancor Type No. P-714.
List Price, \$3.60.

C6091—YOUR PRICE \$3.29

RADIO MODEL	Stock No.	Stancor Type	Your Price
RCA—Continued			
R-7, R-7LW, R-9, RE-16	C6080	P-1481	\$2.79
R-7A, RE-16A	D6080	P-1481	2.79
R-8, R-10, R-12, RE-19, RO-23, R-71, R-72	C6078	P-1483	3.35
9K2, 9T, 9U, 9U2, 10K, 10T	C6229	P-6043	2.94
9K3, T10-3, D11-2, T11-8	C6230	P-6063	3.97
10K1, T10-1, C11-1, HF-1 U-105, U-107	C6231	P-6062	2.65
R-42, R-48	C6083	P-927	3.53
R-13, 15K	C6232	P-6042	4.29
8K0, R-62	C6045	P-715	3.23
8T5, 8T5T, 85T1, 86T4, 86T4A, U101, U103	C6092	P-883	4.27
110, 111, 115	C6216	P-6067	2.24
118, 211, 125, 128E, 224, 224E, 225, 322, 322E, 128, 226, ACR, 136	C6164	P-6055	2.35
220, 222	C6189	P-6047	2.53
06E, 96T, 96T1, 96T2, 96K, 96K2, 96T3, 97E, 97K, 97T	C6220	P-6045	2.59
95T, 96T, 96T1, 96T2, 96K, 96K2	C6175	P-6101	3.38
98K	C6176	P-6250	3.23
99K, 99T	C6177	P-6190	3.82
U-109 Pt. No. 14271 U-109 Pt. No. 14834	C6178 C6100 C6101	P-6192 P-6197 P-6195	4.59 6.45 2.67

We can supply Exact Duplicate transformers for practically any RCA Radio Set. Even if it is not shown in above listing send us your order giving model number of receiver. We will be able to fill your order 99% of the time.

**Sparton Models
235, 589, 591, 593, 931
Power Transformer**

Stancor Type No. P-5097.
List Price, \$8.25.

**C6186—
YOUR PRICE \$3.67**

SPARTON			
67, 68, 68XS, 85XS, 86X 103, 301, 664, 570, 578, 740, 750	C6221	P-6116	\$3.23
616, 616M, 616MX, 666X, 666, 666M, 666MX, 666X, 685, 686, 691, 716, 766, 766X, 766XP, 766XS	C6184	P-1372	5.29
107, 105, 105XS, 135, 986, 966X	C6221	P-6116	3.23
930	C6222	P-6118	2.94
	D6223	P-5098	3.35
STEWART WARNER R-102A, B & E, R-104	C6233	P-6085	3.23
STROMBERG-CARLSON 641, 642, 652, 654	D6234	P-834	3.76
U. S. RADIO & TELEVISION CORP. 26 (Gloritone-26 Chassis) 26-P (Gloritone-26 P Chas.)	C6004 C6083	P-1405 P-1368	2.29 2.65
WESTINGHOUSE			
WR-4	C6083	P-927	3.53
WR-5, WR-6, WR-6R, WR-7	C6076	P-713	4.12
WR-7-R, WR-8, WR-8R WR-10, WR-12, WR-13, WR-13A WR-10A	C6076 C6080 C6081	P-713 P-1481 P-1482	4.12 2.79 2.79

**EXACT
DUPLICATE**

STANCOR

**POWER
TRANSFORMERS**

ZENITH

We can supply Exact Duplicate transformers for practically any Zenith Radio. Even if it is not shown in this listing send us your order giving model number of receiver. We will be able to fill your order 99% of the time.



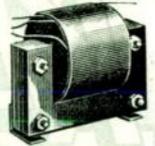
RADIO MODEL	Stock No.	Stancor Type	Your Price
50, 52, 53, 54, 55, 60, 61, 62, 64, 67, 70, 71, 72, 73, 77	C6206	P-712	\$4.70
4P26, 4T26, 4P51, 4T51, 5R123, 5R135, 5R165, 5R119, 5R126, 5R127, 5R151, 5R161	D6210	P-5087	1.47
5R212, 5R316, 5R317, 5R337, 5R303, Ch. 5828, 58319, 58330, 58327, 58338, 58339, Ch. 5529	C6297	P-6178	1.53
6-8-27, 6-8-52, 6-8-128, 6-8-137, 6-8-147, 6-8-129, 6-8-157, 7-8-28, 7-8-53, 8-8-129, 8-8-154	C6298	P-5083	2.21
68301-68306 incl., 68322, 68340, Ch. 6651, 68321, 78323, 78342, 78343, 78-366, 78364, Ch. 5714, 68330, 68361, Ch. 5948, 68254AT, 68258AT, Ch. 5644AT	C6299 C6287 C6258	P-6179 P-6181 P-6271	1.76 2.21 4.41



Exact Duplicate AUDIOS

Replacements for All Popular Sets

Made exactly like the original transformers. Mounting holes, dimensions, lugs, voltages and color of leads exactly duplicate the originals. In many instances the insulation and the safety factor have been increased wherever the originals were not entirely satisfactory. Many additional replacements have been added to our listing.



RADIO MODEL	Stock No.	Part	Your Price	RADIO MODEL	Stock No.	Part	Your Price
CLARION—AC-60 AC-61	C6226 C6264	P. P. Inp. P. P. Inp.	\$1.91 1.76	PHILCO—Cont. 37-38, 37-623, 37-624, 37-643, 38-38, 38-39, 38-623, 38-624, 38-643	D6286	Input	\$1.18
GENERAL ELECTRIC H-31, H-51, H-51R, H-71	C6272	Inp.—Out. Assembly	2.06	SCA—RADIOLA—VICTOR R-35, R-39, RE-57, RAE-68, RE-73, R-80, R-82, R82-R, R-86, R-86R, R-32, RE-45, R-52, RE-75	C6272 C6259	Inp.—Out. Assembly Inp.—Out. Assembly	2.06 4.94
GRAYBAR GB-700, GB-770, GB-900	C6272	Inp.—Out. Assembly	2.06	STROMBERG-CARLSON 10, 11, 25, 26	C6293	P.P. Inp.	4.70
PHILCO—76, 77, 86, 87, 20, 20-A, 21, 20, 20-A, 21, 65, 76, 77, 86, 87, 90, 90-A, (2-245's) 95, 96, 111, 111-A, 112, 112-A, (2-45's)	C6280 C6282	P. P. Inp. P. P. Inp.	1.62 1.18	WESTINGHOUSE WR-5, -6, -6R, -7, -7R, -21, -23, -24	C6272	Inp.—Out. Assembly	2.06
65, 95, 96, 111, 111-A, 112, 112-A, (2-45's)	C6283	P.P. Out.	1.26	ZENITH 50, 52, 54, 60, 61, 62, 64, 67, 70, 71, 72, 73, 77	C6296	P.P. Inp.	2.53
37-38, 37-623, 37-624, 37-643, 38-38-643 (all 121)	D6284	Output	.94				

STANCOR Universal Mounting Power Transformer

For 2.5 Volt Tubes

Stock Number	Stancor Type	Your Price	Number Tubes	Plate Volts	Mills	Rect. Volts	Fil. Amps	Tube Volts	Fil. Amps	Size of Lamination	Thick-ness
C6500	P6001	\$1.47	4 or 5	650CT	40	5CT	2	2.5CT	4	2 1/4 x 3"	2 3/4"
C6501	P6002	1.91	5 or 6	700CT	50	5CT	2	2.5CT	7.25	2 1/4 x 3"	3 1/4"
C6502	P6003	2.06	6 or 7	700CT	70	5CT	3	2.5CT	9	2 1/4 x 3 3/4"	3 1/4"
C6503	P6005	2.35	6 or 7	700CT	70	5CT	3	2.5CT	9	2 1/4 x 3 3/4"	3 1/4"
C6539	P6009	2.35	6 or 7	550CT	70	5CT	3	2.5CT	3.5	2 1/4 x 3 3/4"	3 1/4"
C6504	P6004	2.50	8 or 9	700CT	90	5CT	3	2.5CT	12.5	3 1/4 x 3 3/4"	3 1/4"
C6505	P6007	3.23	10 to 12	800CT	110	5CT	3	2.5CT	15	3 1/4 x 3 3/4"	3 1/4"
C6506	P6006	3.09	11 to 13	700CT	120	5CT	3	2.5CT	12.5	3 1/4 x 3 3/4"	3 1/4"

For 6.3 Volt Tubes

Stock Number	Stancor Type	Your Price	Number Tubes	Plate Volts	Mills	Rect. Volts	Fil. Amps	Tube Volts	Fil. Amps	Size of Lamination	Thick-ness
C6542	P6297	\$1.39	4 or 5	480CT	40	5CT	2	6.3CT	2	2 1/4 x 2"	2 3/4"
C6547	P6010	1.47	4 or 5	650CT	40	5CT	2	6.3CT	2	2 1/4 x 3"	2 3/4"
C6516	P6289	1.53	5 or 6	420CT	40	5CT	2	6.3CT	2	2 1/4 x 3"	2 3/4"
C6517	P6119	1.64	6 or 7	600CT	55	5CT	2	6.3CT	2.7	2 1/4 x 3"	2 3/4"
C6508	P6011	1.91	6 or 7	700CT	70	5CT	3	6.3CT	2.5	2 1/4 x 3"	2 3/4"
C6518	P6120	2.06	7 or 9	630CT	70	5CT	3	6.3CT	3.5	2 1/4 x 3 3/4"	3 1/4"
C6509	P6012	2.35	8 or 9	700CT	90	5CT	3	6.3CT	3.5	2 1/4 x 3 3/4"	3 1/4"
C6510	P6013	2.50	11 to 13	700CT	120	5CT	3	6.3CT	4.7	3 1/4 x 3 3/4"	3 1/4"
C6511	P6014	3.38	13 to 15	760CT	150	5CT	3	6.3CT	5	3 1/4 x 3 3/4"	3 1/4"
C6540	P6291	3.67	13 to 15	750CT	150	5CT	3	6.3CT	5	3 1/4 x 3 3/4"	3 1/4"
C6541	P6165	4.01	14 to 16	800CT	200	5CT	4	6.3CT	5.5	3 1/4 x 4 1/2"	3 3/4"
C6512	P6008	3.67	14 to 16	750CT	180	5CT	3	6.3CT	3.3	2 1/4 x 3 3/4"	3 1/4"
								2.5CT*	6	3 1/4 x 4 1/2"	3 3/4"

Universal Type—6.3 and 2.5 Volt Combinations

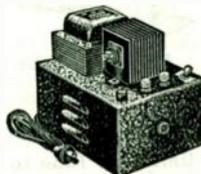
The separate filament windings can all be used at one time at full rating if desired. All secondary windings are center tapped. *Tapped filament windings.

Stock No.	Stancor Type	Your Price	Number Tubes	Plate Volts	Mills	Rect. Volts	Fil. Amps	Tube Volts	Fil. Amps	Size of Lamination	Thick-ness
D6487	P6293	\$2.35	6 or 7	600	60	5.0	3.0	2.5 6.3	7.5 2.5	2 1/4 x 3 3/4"	3 1/4"
D6488	P6294	2.79	8 or 9	750	85	5.0	3.0	2.5 6.3	9.0 2.5	2 1/4 x 3 3/4"	3 1/4"
D6489	P6295	2.79	8 or 9	700	90	5.0	3.0	2.5 6.3	9.0 2.5	3 1/4 x 3 3/4"	3 1/4"
D6490	P6296	3.53	11 or 13	750	125	5.0	3.0	2.5 6.3	12.0 1.75	3 1/4 x 3 3/4"	3 1/4"
								16.3, 3.5, 2.5	4.0	3 1/4 x 3 3/4"	3 1/4"

Stancor Auto Radio Demonstration Packs

110 Volt AC to 6 Volt DC

Reliable well filtered power packs for use as a substitute for 6 volt storage battery in demonstrating and testing battery and auto radios. Also useful for charging storage batteries and to operate other 6 volt DC equipment. Features dry disc rectifiers, fused line, on-off switch, binding post terminals and black wrinkle finished chassis. Operates from 110-120 volt, 50-60 cycle AC.



Model 132 Super Pack

D5996—Delivers 8 to 12 volts in seven steps without load. 3 to 6 volts at 12.5 ampere load continuously and 2 to 5 volts at 16 ampere intermittently. Voltmeter indicates output. Overload relay. Size 1 3/8 x 3 3/8 x 6" high. Ship. wt. 26 lbs.

\$19.55

Model 131 Economy Pack

D5995—Low priced compact unit. Delivers 11 volts at no load, 6.5 volts at 7 ampere continuously and 4.5 volts at 12 ampere intermittently. Has pilot light indicator. Size 8 x 6 1/4 x 7 1/4" high. Ship. wt. 16 1/2 lbs.

\$13.67

Highly efficient compact transformers designed to fit the majority of present day receivers. Universal mounting brackets present a neat appearance and give flexibility in mounting in any position. Transformers are fully shielded to meet Underwriters' approval. Quality construction. Color coded wire leads. All Transformers are for 105-115 volt 50-60 cycle AC operation.

*Both windings may be used at one time at full rating.

†Has additional Tuning Motor Winding tapped at 18-24-50 volts.



New Type Shell Allows Two Point Flush Mounting



Stancor Catalog C6987—Complete Replacement Transformer Catalog including public address and exact duplicate types. . . . FREE.

Stancor Hamanal C6993—Completely describes seven transmitters giving parts content, transformer listing and working diagrams. . . . FREE.

Stancor Testing Autoformer

D5981—Pt. P6299. **\$411**
YOUR PRICE
Applies overload voltages to set for testing, causing hard to find intermittently defective parts to break down and thus indicate their location. Tap switch provides 90 to 150 volts output. 150 Watts capacity. For 115 volt, 50-60 cycle AC operation. Size 3 3/4 x 3 1/4 x 4 3/4".

Speaker Field Substitute D5985—Pt. C2302. **\$235**
YOUR PRICE
Takes place of speaker field when checking receiver on test bench without set speaker. 3000 ohms tapped at 2500, 1000 and 750. Provides resistances of 250, 750, 1000, 1750 ohms at 60 Ma. or 75 Ma. intermittently and 500, 1500, 2000, 2250, 2500, 3000 ohms at 40 Ma. or 55 Ma. intermittently. Size 3 3/4 x 2 3/8 x 3".

Big Savings on Transformers!

KEYSTONE Universal Replacements



POWER TRANSFORMERS

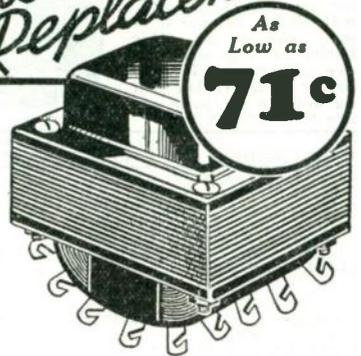
Exceptional Quality at Low Cost

Keystone Power Transformers are the finest quality, best transformer values obtainable at these low prices. Expert engineering and high grade materials are used throughout. The compact size and universal mountings are designed to meet the majority of your replacement needs. Conservatively rated to assure ample safety factor. Precision machine wound coils, proper impregnation, and carefully stacked heavy oversize laminations provides highest efficiency, low operating temperature and long life. Shells are black enamel finish. 90-day RMA Guarantee. Diagram furnished. All primaries are for 105-120 volt, 50-60 cycle AC operation.

Universal Mounting Flush Mounting

Transformers may be mounted in any position. Mounting centers are sufficiently adjustable to allow replacement in most radios without drilling holes. Fully shielded. Coded leads.

These Transformers fit the physical and electrical requirements of the majority of receivers. Any combination of tubes may be used providing the current ratings are not exceeded.



Tinned soldering lugs firmly attached to coil.

Universal Type

For 2.5 Volt Tubes

Flush Mounting

Stock Number	Year Price	Number Tubes	Plate		Rect. Fil.		Tube Fil.		Size of Lamination	Thick-ness	Trans Mtg. Ctrs.	Stock Number	Your Price
			Volts	Mills	Volts	Amps.	Volts	Amps.					
B6550	\$0.86	4 or 5	650CT	45	5	2	2.6	3.75	2 1/4 x 3"	2 3/8"	2" x 2 1/4"	B6417	\$0.71
B6551	1.12	5 or 6	650CT	50	5	2	2.5CT	7.0	2 1/2 x 3"	3 1/8"	2" x 2 1/4"	B6420	.86
B6552	1.29	6 or 7	700CT	70	5	3	2.5CT	9.0	2 3/4 x 3 1/2"	3 3/8"	2 1/4" x 2 3/8"	B6422	1.25
B6553	1.49	8 or 9	700CT	90	5	3	2.5	12.5	3 1/2 x 3 3/4"	3 3/8"	2 1/4" x 3 1/8"	B6423	1.59
B6554	1.85	10 to 13	700CT	110	5	3	2.5CT	14.0	3 1/2 x 3 3/4"	3 3/8"	2 1/4" x 3 1/8"	B6424	1.85

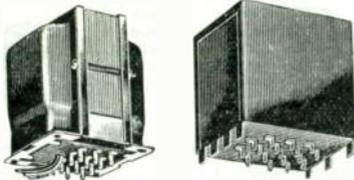
For 6.3 Volt Tubes

B6555	\$0.88	4	650CT	40	5	2	6.3	1.6	2 1/4 x 3"	2 1/8"	2" x 2 1/4"	B6411	\$0.73
B6556	.97	4 or 5	650CT	40	5	2	6.3CT	2.0	2 1/4 x 3"	2 1/8"	2" x 2 1/4"	B6413	.86
B6557	1.38	6 or 7	700CT	70	5	3	6.3CT	2.5	2 3/4 x 3 1/2"	3 1/8"	2 1/4" x 2 3/8"	B6415	1.03
B6558	1.75	8 or 9	700CT	90	5	3	6.3CT	3.5	2 3/4 x 3 1/2"	3 3/8"	2 1/4" x 2 3/8"	B6560	1.55
B6559	2.08	10 to 13	700CT	120	5	3	6.3CT	4.7	3 1/2 x 3 3/4"	3 3/8"	2 1/4" x 3 1/8"	B6561	1.89

These 4 Universal Mounting Brackets are furnished with Universal Type only.



Exact Duplicate Replacement Power Transformers



Identical in electrical and physical specifications to original. Highest grade materials. Best workmanship. Primaries for 105-120 Volts, 50-60 cycles AC operation.

For Philco Sets

Stock Num.	Part Num.	Set Models	List Price	Your Price
D6450	6804	14,91, (Code 221-3)	\$5.50	\$2.71
D6453	4234	20,220	7.00	2.28
D6454	4813	21	7.00	2.35
D6456	3516	65	6.50	2.28
D6457	5117	70,270,370,470,570	7.50	2.28
D6458	6457	71 (Twin Spkrs.)	6.50	2.50
D6459	3868	76,77	7.50	2.28
D6460	3271	86	7.50	2.28
D6461	3400	87	7.50	2.28
D6462	5362	90,490, (1-47)	6.25	2.35
D6464	4938	90, (2-45)	7.50	2.35
D6465	6554	91	5.25	2.35
D6466	3752	95,96,290	8.00	2.28
D6469	3073	511	7.50	1.98

For RCA-Brunswick-Sparton

D6750	RCA Radiola 17, 18, 33, 50, 51, Victor 7-11, 7-26, 8-25, 17-8, Brunswick 2KR0, 3KR0, 3KR6, 5KR0, 5KRRO, 5KR8.	\$4.00	\$1.72
D6757	RCA Victor RE32, E35, RE45, R52, RE75, E135, E152, RE154, RE156.	6.00	2.63
D6758	Sparton 591, 593, 931.	7.00	3.15

Public Address Transformers

Microphone Input Transformers Unshielded Type

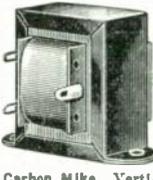
Couples carbon microphone to 60,000 ohm tube grid input of P.A. Amplifier. 6" Wire leads.

D6738—For Single Button Carbon Mike. Horizontal mounting. Core 1/2"x1/2". Mtg. ctrs. 2", 1-1/2"x1 1/8" h.

YOUR PRICE **55¢**

D6739—For Double Button Carbon Mike. Vertical mounting. Core 3/4"x3/4". Mtg. ctrs. 2", 1 1/2"x1 1/8" h.

YOUR PRICE **79¢**



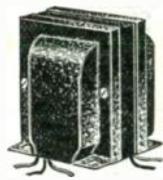
Microphone Input Transformers Shielded Type

For mounting on top of chassis. 8" wire leads come out of bottom. Core 3/4"x3/4".

Mtg. ctrs. 1 1/2"x1 1/8". D6988—For double button carbon mike to 100,000 ohms tube grid input. Size 2x2x2 1/2" high.

D6989—Input Tapped at 4, 8, 15 and 30 ohms. For matching low impedance or phone pickups or dynamic microphones to 200,000 ohm tube grid input of P.A. amplifier. Size 2x2 1/2"x2 1/2" high.

YOUR PRICE **\$1.47**



Thordarson Line-to-Speaker Transformer

A6659—Type T-60S48. 1 list. \$3.00.

YOUR PRICE **\$1.76**

Couples up to 6 speakers on 500 ohm line. Tapped primary impedance 500/1000/1500/2000/2500/3000. Tapped secondary impedance .06 to 8 ohms when used on 500 line. 12 to 16 ohms when used on 1000 ohm line, etc. 10 Watts. Size 3 1/2"x2 1/4"x3" high.

Universal Tube to 500 Ohm Line

Stock Num.	Mtg. Type	Primary Imped.	Ma. Watt	Max. Watt	Your Price
D6660	T61825	2500 to 7000	60	10	\$1.91
D6661	T61826	8000 to 14000*	65	10	2.06

Universal Tube to Universal Speaker

Secondary is adjustable .1 to 29 ohms.

D6603	T13842	1500 to 7000	55	10	.88
D6634	T57801	4000 to 14000*	36	8	1.18
D6606	T13841	3000 to 10000*	60	20	1.62

*Center tapped for single or push pull output tubes. Size: T61825, T61826 and T13841: 3 1/2"x2 1/4"x3" high. T13842: 2 1/2"x1 1/8"x1 1/8" high. T57801: 2 1/2"x2 1/2"x3" high.

Tube Tester Transformers

With Tapped Primary

Supplies Filament Voltages of 1.5 to 110 Volts.

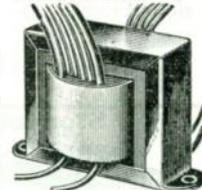
D6728—YOUR PRICE **\$1.39**

For constructing or modernizing tube testers. Supplies correct filament voltages for testing all receiving tubes. Voltages provided: 1.5, 2.0, 2.5, 3.8, 5.0, 6.3, 7.5 at 2 amps., 12.0, 25.0, 32.5, 45, 70 and 110 volts at 1.5 amps. Tubes of other filament voltages should be tested on next lower voltage specified above. Primary tapped for 95-105-115-125 volt, 50-60 cycle AC operation, compensates for varying line voltages. Also suitable for use with tube testers having line voltage adjustments. 8" Leads. Channel frame mounting. Size 2 1/2"x2 1/2"x3 1/2" wide. Mtg. ctrs. 3 1/2".

With Plate Winding

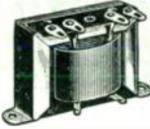
D6729—Supplies a plate voltage of 250 volts AC at 40 Ma. In addition to filament voltages specified above. Other specifications and sizes exactly as above.

YOUR PRICE **\$1.95**



Audio - Input - Output TRANSFORMERS - Filter CHOKES

Output Transformers



A type and size to fit every dynamic speaker requirement. Output transformers of these specifications and characteristics are standard equipment on thousands of speakers. The two sizes listed fit any standard make of speaker. Match practically any dynamic speaker voice coil.

For Single Tubes

Stock Num.	Plate Imped.	Pr. Ma.	Core Size	Mtg. Ctrs.	Your Price
C6429	7000	25	1 1/2"	2 1/2"	45c
C6935*	25000	8	1 1/2"	2 1/2"	49c
C6923	2000	30	1 1/2"	2 1/2"	49c
C6924	7000	30	1 1/2"	2 1/2"	49c
C6925	10000	30	1 1/2"	2 1/2"	49c
C6932	2000	35	1 1/2"	2 1/2"	65c
C6932	7000	35	1 1/2"	2 1/2"	65c

For Push Pull Tubes

Stock Num.	Plate Imped.	Pr. Ma.	Core Size	Mtg. Ctrs.	Your Price
C6430	14000	25	1 1/2"	2 1/2"	49c
C6927	4000	30	1 1/2"	2 1/2"	54c
C6928	14000	30	1 1/2"	2 1/2"	54c
C6929	20000	30	1 1/2"	2 1/2"	54c
C6935	4000	35	1 1/2"	2 1/2"	69c
C6936	14000	35	1 1/2"	2 1/2"	69c

*For Portable Battery Operated Radios having Type 1A5G or 1E7G output tubes and 3 to 6 ohm P.M. Dynamic Speakers.

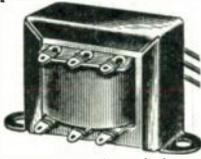
Special Value

Heavy Duty Output Transformer

C6854—Same mounting style as above transformer. Matches any single or P.P. tubes requiring 4000 to 5500 ohm load impedance to speaker voice coil of 6 to 15 ohms. 65 Ma. capacity. Slotted mtg. ctrs. 3/4 to 3/8". Size, 2 1/2"x1 1/2"x2 1/2".
YOUR PRICE **34c**
10 for \$2.90

Universal Output Transformer

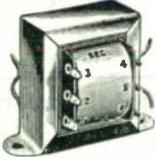
Matches Any Tube To Any Speaker



Equipped with a high impedance center tapped primary and a secondary having a combination of taps making it possible to correctly match any single or P.P. tube to any speaker or voice coil of 1 to 30 ohms impedance. Cadmium plated channel frame. Constructed of high quality materials. Thoroughly impregnated. Instructions included.
C6409—Handles 4 Watts Output. Size, 1 1/2"x1 1/2". Mtg. Ctrs. 2".
YOUR PRICE **39c**
C6909—Handles 8 Watts Output. Size, 1 1/2"x1 1/2". Mtg. Ctrs. 2".
YOUR PRICE **48c**

Heavy Duty Universal Output Transformers

Correctly Matches All Tubes to any Speaker



An essential stock item for every serviceman. Designed with a high impedance primary having a special tapped secondary to permit ratio of turns in winding to match any standard power tube plate impedance, singly or in push-pull. Matches any voice coil between 0.11 ohm and 54 ohms. Complete with instructions.
C6850—With Vertical Mounting Frame as illustrated. Mounting hole centers 2 1/2".
C6933—With Horizontal Mounting Frame. Mounting hole centers 2 1/2".
YOUR PRICE, Each **69c**
C6851—With Horizontal Mounting Frame. Mounting centers 3".
YOUR PRICE, Each **85c**

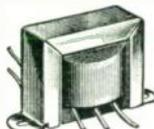
Thordarson Class "B" Output Transformer



For Push-Pull 19, 30, 1J6G, 1G6G, 49 and other Class "B" power tubes requiring 10,000 ohm load at 15 Ma. Secondary is tapped at 4 and 8 ohms. Black enameled steel frame. 6" Leads. Size 1 1/2"x1 1/2"x2" high. Mounting ctrs. 2 1/2".
C6658—Code T81801. List, \$1.50.
YOUR PRICE **88c**

Class "B" Audio Driver Transformer

Single 30 to 1-19, 1-1J6G, or 2-30's



C6906—Same as above except 1/2"x2" core. 2" Mtg. Ctrs.
YOUR PRICE **55c**

THORDARSON Class "B" Driver Transformer

For Battery Sets



C6630—Code T78D46. List, \$1.50.
YOUR PRICE **88c**

Push-Pull Input Transformer



C6736—YOUR PRICE **69c**

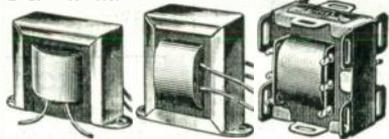
Special Value Push Pull Input

C6431—1:3 Ratio. Semi-shielded. Cadmium plated channel frame. Core size, 1 1/2"x1 1/2". Mt. 1 1/2". Wd., 1 1/8". Depth, 1 1/2". Mtg. Cent. 2 1/2".
YOUR PRICE **59c**

C6853—Straight Audio for Sgls. plate to sgls. grid. 1:3 Ratio, 10 Ma. Tri. Cap. Size: 2 1/2"x2 1/2". Mtg. Ctrs., 2". Fully shielded.
YOUR SPECIAL PRICE **29c**

Universal Replacement Audios and Output Transformers

Three different mountings. All types have universal electrical characteristics. High quality transformers suitable for use in the finest receivers. Bright cadmium rust-proof finish. Diagrams and instructions included. For use on either A.C. or D.C. receivers.



Physical Dimensions

Horizontal Frame—Overall 2 1/2" wide, 1 1/2" deep, 2" high. Mtg. Centers 2 1/2".
Vertical Frame—Overall 1 1/2" wide, 1 1/2" deep, 1 1/2" high. Mtg. Centers 2 1/2".
Universal Bracket—Overall 2 1/2" wide, 1 1/2" deep, 2" high.

Straight Audios

Ratio 3:1. Feeds from any type of general purpose tube into a stage of single audio.
K6400—Horizontal Frame.
K6401—Vertical Frame.
K6402—Universal Bracket.
YOUR PRICE **69c**

Push-Pull Audio Inputs

Overall ratio 3:1. Feeds from any general purpose tube either in single or push-pull into a stage of single or push-pull audio.
K6403—Horizontal Frame.
K6404—Vertical Frame.
K6405—Universal Bracket.
YOUR PRICE **69c**

Universal Output Transformers

Couples all combinations of power tubes, either single or push-pull to all dynamic or magnetic speakers. For voice coil impedances 1 to 30 ohms.
K6406—Horizontal Frame.
K6407—Vertical Frame.
K6408—Universal Bracket.
YOUR PRICE **69c**

30 Henry Filter Chokes



Layer wound and layer insulated coils. Silicon steel core. Cadmium plated rust-proof frames. 6 inch insulated leads.
K6385—30 Henries, 50 M.A. D.C. Resistance 550 ohms. Dimensions: Core 1 1/2"x 1 1/2". Height 1 1/2". Depth 2 1/2". Mounting hole centers 2 1/2".
1 1/2", Length 2 1/2". Mounting hole centers 2 1/2".
List Price, \$1.40.
YOUR PRICE **43c**

C6386—30 Henries, 75 Ma. DC Resistance 200 Ohms. Dimensions: Core 1 1/2"x 1 1/2". Height 1 1/2". Depth 1 1/2". Length 2 1/2". Mounting centers 2 1/2".
List Price, \$1.20.
YOUR PRICE **55c**

C6387—30 Henries, 100 Ma. DC Resistance 160 Ohms. Dimensions: Core 1 1/2"x 1 1/2". Height 1 1/2". Depth 1 1/2". Length 2 1/2". Mounting centers 3 1/2".
List Price, \$2.00.
YOUR PRICE **69c**

Replacement Chokes

For A.C., D.C.

Receivers



Open type, cadmium plated, rust-proof frames. Silicon steel core. 6 inch insulated leads. A size for practically every replacement. Highest quality chokes fully guaranteed.
Core Size 1 1/2"x1 1/2". Mtg. Hole Centers 2". Dimensions: 1 1/2"x2 1/2"x1 1/2".

Stock Number	15 Henries at 50 M. A.		D. C. Resist.	List Price \$1.00
	D. C. Resist.	Stock Number		
K6388	200	K6392	400	YOUR PRICE 23c Each
K6390	300	K6394	500	

10 asstd. for \$2.10

Universal Line Output Transformer

Correctly Matches any Speaker to Line



High grade, electro silicon, lapped laminations. Climate proof impregnation. Will match any speaker with 1 to 30 ohms voice coil to 500, 1000, 1500 or 2000 ohm P.A. amplifier output or line. Especially desirable to obtain correct impedance match when a number of speakers are to be used. Wiring instructions included.
C6948—Will Handle 12 Watts Output. 1/2" core, 2" Mtg. Ctrs. List, \$1.95.
YOUR PRICE **69c**
C6949—Will Handle 15 Watts Output. 1/2" core, 2 1/2" Mtg. Ctrs. List, \$2.35.
YOUR PRICE **95c**

BARGAIN

Power Transformer For Philco 511

Part Number 3073
For replacement in Philco 511 or other seven tube radio sets using 4-25, 1-27, 1-71A and 1-80. Primary 105-125 volts. 60 cycles A.C. Secondaries 375 V. C.T. @ 37 Ma., 1.5 V. @ 4.3 amps., 2.5 V. @ 1.95 amps., 5 V. @ 2 amps. Size: 3 1/2"x3 1/2"x4" high.
C6852—YOUR PRICE **95c**

Filament Transformers

R6725—YOUR PRICE **59c**
110 V. primary. Secondary 2 1/2 V., 5% amp. Mtg. centers 2 1/2". 2 1/2" high, 1 1/2" wide.

6.3 Volt 1.5 Amp. Filament Transformer Core tapped.
D6724—YOUR PRICE **59c**

6.3 Volt 3 Amp. Filament Transformer Size and appearance identical to R6725 transformer. Delivers 6.3 volts at 3 amps. For use with the new 6.3 volt tubes on 115 Volt A. C. Can also be used on 7.5 volt tubes. 30 watts.
K6727—YOUR PRICE **84c**



Metallized

RESISTORS-CONTROLS

IRC Fixed Power Wire Wound Resistors



Machine wound evenly spaced high quality wire on a non-moisture absorbing ceramic core. Covered overall with a newly developed moisture-proof cement coating. Tolerance 5%.

10 Watt—Type AB Size 1 1/4" x 5/16"

Stock Number	Resist. Ohms	Stock Number	Resist. Ohms
K2750	10	K2772	3,000
K2751	15	K2773	3,500
K2752	20	K2774	4,000
K2753	25	K2775	4,500
K2754	50	K2776	5,000
K2755	75	K2777	6,000
K2756	100	K2778	7,000
K2757	150	K2779	7,500
K2758	200	K2780	8,000
K2759	250	K2781	9,000
K2760	300	K2782	10,000
K2761	400	K2783	11,000
K2762	500	K2784	12,000
K2763	600	K2785	12,500
K2764	750	K2786	15,000
K2765	800	K2787	20,000
K2766	1,000	K2788	25,000
K2767	1,250	R2789*	30,000
K2768	1,500	R2790*	35,000
K2769	2,000	R2791*	40,000
K2770	2,250	R2792*	50,000
K2771	2,500		

List. 40c. YOUR PRICE, Each **24c**

IRC Adjustable Wire Wound Resistors



10 Watt—Type ABA
Size 1 1/4" x 5/16"

Can be adjusted to desired resistance up to total rating. Very desirable in emergency to supply exact value required. Evenly spaced, best quality resistance wire machine wound on non-moisture absorbing ceramic core. Moisture-proof cement coating. Tolerance 5%.

Stock Number	Resist. Ohms	Stock Number	Resist. Ohms
A2700	5	A2710	1,000
A2701	10	A2711	1,250
A2702	25	A2712	1,500
A2703	50	A2713	2,000
A2704	100	A2714	2,500
A2705	150	A2715	3,000
A2706	200	A2716	4,000
A2707	250	A2717	5,000
A2708	500	A2718	7,500
A2709	750	A2719	10,000

List Price, 60c. YOUR PRICE, Each **35c**

IRC Center Tapped Wire Wound Resistors



Completely enclosed in molded bakelite. Withstands high temperatures. For balancing circuits in receivers or transmitters. Will carry up to 5 watts using special mounting bracket supplied or 2 1/2 watts in open air. Bracket mounting centers 2 1/2".

Type MW-2J

Stock Number	Resist. Ohms	Stock Number	Resist. Ohms
A2650	10	A2653	75
A2651	20	A2654	100
A2652	50	A2655	200

List Price, 35c. YOUR PRICE, Each **21c**

New IRC Insulated Resistors



Highest quality moulded bakelite insulated resistors. Fully protected against shorts or moisture break down. 1/2" leads are securely anchored. Metallized resistance element has exceptionally low noise level; unexcelled for use in any circuit. Wirewound types are especially designed for use in circuits requiring lower resistances. Accuracy ± 10%. Will stand overloads of 100% for short periods. Individually marked as well as color coded.

1/2 Watt Size 5/8" x 3/16" List, 17c. YOUR PRICE, Each. **10c**
1 Watt Size 1 1/4" x 1/4" List, 20c. YOUR PRICE, Each. **12c**
2 Watt Size 1 1/4" x 5/16" List, 30c. YOUR PRICE, Each. **18c**

Type BW—Wirewound

Resistance Ohms	1/2 Watt Stock Number	1 Watt Stock Number	2 Watt Stock Number
0.5	A2660	A2720	A2850
1	A2661	A2721	A2851
2	A2662	A2722	A2852
3	A2663	A2723	A2853
5	A2664	A2724	A2854
7.5	A2665	A2725	A2855
10	A2666	A2726	A2856
15	A2667	A2727	A2857
25	A2668	A2728	A2858
50	A2669	A2729	A2859
75	A2670	A2730	A2860
100	A2671	A2731	A2861
120	A2672	A2732	A2862
150	A2673	A2733	A2863
200	A2674	A2734	A2864
250	A2675	A2735	A2865
300	A2676	A2736	A2866
350	A2677	A2737	A2867

400	A2678	A2838	A2867
450	A2679	A2839	A2868
500	A2680	A2840	A2869
600	A2681	A2841	A2870
750	A2682	A2842	A2871
800	A2683	A2843	A2872
1000	A2844	A2873	A2872
1250	A2845	A2874	A2873
1500	A2846	A2875	A2874
2000	A2847	A2876	A2875
2250	A2848	A2877	A2876
2500	A2849	A2878	A2877

Resistor Assortments With Metal Cabinet



Durable metal cabinet. Holds a complete supply of resistors. Drawers have firmly attached metal partitions. Size: 11 1/2" x 5 1/2" high. Can be stacked one above the other.

C15819—Contains 59 resistors: 37 Type BT 1/2 Watt Metallized, 8 Type BT 1 Watt Metallized, 10 Type AB 10 Watt Wirewound and 4 Type ABA 10 Watt Wirewound Resistors. List value resistors, \$15.16. **\$991** YOUR PRICE, with Cabinet ..

C15817—Contains 100 Type BT 1/2 Watt Metallized Resistors. List value of resistors, \$17.00. **\$980** YOUR PRICE, with Cabinet ..

C15818—Contains 83 Type BT-1 1 Watt Insulated Metallized Resistors. List value of resistors, \$16.60. **\$976** YOUR PRICE, with Cabinet ..

With Bristol Board Chest

D15820—Contains 56 assorted Type BT-1 1 Watt Insulated Metallized Resistors in Bristol-board chest. 8 Drawers. Size 4 1/2" x 4 1/2" x 8 1/2" high. List value of resistors, \$11.20. **\$659** YOUR PRICE, With Chest ..

D15821—Chest only. **88c** YOUR PRICE .. Only Popular Values Are Supplied.

Types BW and BT

Highest quality moulded bakelite insulated resistors. Fully protected against shorts or moisture break down. 1/2" leads are securely anchored. Metallized resistance element has exceptionally low noise level; unexcelled for use in any circuit. Wirewound types are especially designed for use in circuits requiring lower resistances. Accuracy ± 10%. Will stand overloads of 100% for short periods. Individually marked as well as color coded.

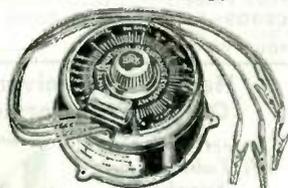
Type BT—Metallized

Resistance Ohms	1/2 Watt Stock Number	1 Watt Stock Number	2 Watt Stock Number
1000	A2482	A2414	A2604
1500	A2484	A2416	A2606
2000	A2485	A2417	A2608
2500	A2487	A2419	A2610
3000	A2488	A2420	A2611
4000	A2490	A2422	A2612
5000	A2491	A2423	A2613
6000	A2492	A2424	A2614
7500	A2494	A2426	A2616
10,000	A2497	A2429	A2617
12,500	A2499	A2432	A2618
15,000	A2500	A2433	A2619
20,000	A2502	A2435	A2620
25,000	A2504	A2437	A2621
30,000	A2505	A2438	A2622
40,000	A2507	A2440	A2623
50,000	A2508	A2441	A2624
65,000	A2510	A2443	A2625
75,000	A2512	A2445	A2626
100,000	A2513	A2446	A2627
150,000	A2515	A2448	A2629
200,000	A2516	A2449	A2631
250,000	A2517	A2450	A2632
300,000	A2518	A2451	A2633
500,000	A2520	A2453	A2634
600,000	A2521	A2454	A2634
750,000	A2522	A2455	A2634
1.0 Meg.	A2523	A2456	A2635
2.0	A2525	A2458	A2637
5.0	A2529	A2461	A2639
10.0	A2531	A2464	A2642
20.0	A2532	A2465	A2644

IRC Calibrated Resistance Indicator

A continuously variable calibrated resistance indicator. For use as a voltage divider, for determining correct resistance values by the substitution method, etc. Covers range from 0 to 1 megohm. Direct reading. Etched scale. Resists 0 to 30,000 ohms on high current carrying wire wound element and continues to 1 megohm using metallized type resistance element. 4-leads with alligator clips.

R2742—YOUR PRICE **\$485**



IRC All Metal Power Rheostats

Constructed with sturdy cast aluminum frame for rapid heat dissipation. Heat is uniformly distributed permitting safe operation at full rated load down to 25% of full rotation. Silent spiral connector gives positive contact between rotor arm and center terminal. Terminals mounted on porcelain and insulated from frame. Heavy mica insulation between element and frame. 3/4" shaft 1/2" long. Single 3/8" hole mounting in panels up to 3/8" thick. Size: 25 Watt, 1-21/32" dia. x 31/32" deep. 50 Watt, 2 1/8" dia. x 1 1/8" deep. 1 1/2" Arrow knob included.



PR-25—25 Watt

Stock Num.	Ohms Resist.	Max. Ma.	Your Price
C12965	1	5,000	\$2.65
C12966	6	2,040	\$2.35
C12967	8	1,770	
C12968	10	1,580	
C12969	25	1,000	
C12970	50	790	
C12971	100	500	Each
C12972	250	315	
C12973	350	267	
C12974	500	222	
C12975	1000	155	
C12976	1500	129	\$2.65
C12977	2500	100	Each
C12978	5000	70	\$2.79

PR-50—50 Watt

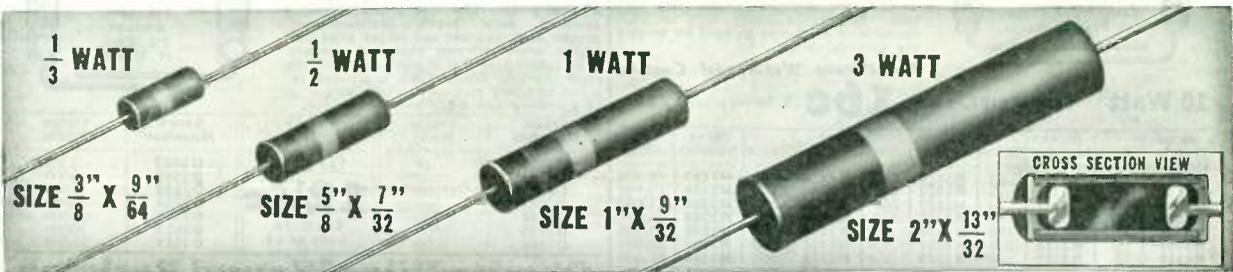
Stock Num.	Ohms Resist.	Max. Ma.	Your Price
C12979	1	7,070	\$2.94
C12980	6	2,880	\$2.65
C12981	12	2,040	
C12982	22	1,600	
C12983	50	1,000	
C12984	80	790	
C12985	100	500	Each
C12986	300	407	
C12987	500	315	
C12988	1000	223	
C12989	1600	177	\$2.79
C12990	2500	140	Each
C12991	5000	100	\$2.94
C12992	10000	70	2.94

CARBON *Certified* RESISTORS

The Only Safe Kind to Use

Radolek Quality is always the Best

New Insulated Carbon Resistors



Certified Quality

Finest quality, new fresh stock direct from the factory. The development of years of extensive research and manufacturing experience. Resistance is permanent, within a narrow range even when operated at overloads for a long period of time. Fully insulated. Impervious to moisture, heat, and mechanical strain. Resistors may touch each other without shorting. Conservative wattage ratings. Variations from values are negligible. Ratings guaranteed within 10%. Average variations close to 5%. Unusually quiet and become MORE QUIET the longer in use. Very strong and sturdy. Will stand all reasonable handling in manufacturing and repairing. All have heavy 1/2" long tinned copper wire leads. Perfect and permanent electrical and mechanical contact. Each resistor marked with standard R.M.A. color code or labeled with rated resistance. Accuracy and quality guaranteed.

Buy With Confidence

These Radolek highest quality carbon resistors are made by the recognized leading Resistor Manufacturers. We well know that there are resistors offered by many others at lower prices than quoted here. But Radolek refuses to handle products of doubtful quality. Servicemen can always be sure of receiving only the Highest Quality Carbon Resistors when dealing with Radolek. We always have supplied only the finest quality resistors as "Radolek Certified Carbon Resistors."
No Serviceman Can Afford to Waste His Time or Jeopardize His Reputation Using Inferior "Job Lot" or "Surplus" Resistors. Resistors Offered at Lower Prices Are of Inferior Quality and Expensive At any Price.

Resistance Indicator



Handy pocket size color code indicator with three rotary dials in color. Indicates value of any resistor which is color coded according to RMA Standards. Free with order for any 24 resistors. C2299—PRICE, If Purchased Separately..... **9c**

Metal Storage Cabinets for resistors are listed on page 63

1/3 WATT				1/2 WATT				1 WATT				3 WATT			
Each 4c				Each 5c				Each 6c				Each 9c			
10 for .. 29c				10 for .. 37c				10 for .. 47c				10 for .. 74c			
Per Hundred				Per Hundred				Per Hundred				Per Hundred			
\$2.74				\$3.54				\$4.44				\$6.65			
Resistance Ohms	1/3 Watt Stock No.	1/2 Watt Stock No.	1 Watt Stock No.	3 Watt Stock No.	Resistance Ohms	1/2 Watt Stock No.	1 Watt Stock No.	3 Watt Stock No.	Resistance Ohms	1/3 Watt Stock No.	1/2 Watt Stock No.	1 Watt Stock No.	3 Watt Stock No.		
100	D2000	D2065	D2135	D2205	3,500	D2021	D2086	D2156	100,000	D2041	D2106	D2176	D2236		
150	D2001	D2066	D2136	D2206	4,000	D2022	D2087	D2157	150,000	D2042	D2107	D2177	D2237		
200	D2002	D2067	D2137	D2207	4,500	D2023	D2088	D2158	200,000	D2043	D2108	D2178	D2238		
250	D2003	D2068	D2138	D2207	5,000	D2024	D2089	D2159	250,000	D2044	D2109	D2179	D2239		
300	D2004	D2069	D2139	D2208	6,000	D2025	D2090	D2160	300,000	D2045	D2110	D2180	D2240		
									400,000	D2046	D2111	D2181	D2241		
350	D2005	D2070	D2140	D2209	7,000	D2026	D2091	D2161	D2223						
400	D2006	D2071	D2141		8,000	D2027	D2092	D2162	D2224						
450	D2007	D2072	D2142		9,000	D2028	D2093	D2163	D2225						
500	D2008	D2073	D2143	D2210	10,000	D2029	D2094	D2164	D2226	5	D2047	D2112	D2182		
600	D2009	D2074	D2144		12,500	D2030	D2095	D2165	D2227	6	D2048	D2113	D2183		
										.75	D2049	D2114	D2184		
										.9	D2050	D2115	D2185		
700	D2010	D2075	D2145	D2211	15,000	D2031	D2096	D2166	D2228	1.0	D2051	D2116	D2186		
800	D2011	D2076	D2146	D2212	17,500	D2032	D2097	D2167	D2229	1.5	D2052	D2117	D2187		
900	D2012	D2077	D2147	D2213	20,000	D2033	D2098	D2168	D2230	2.0	D2053	D2118	D2188		
1,000	D2013	D2078	D2148	D2214	22,500	D2034	D2099	D2169		2.5	D2054	D2119	D2189		
1,250	D2014	D2079	D2149	D2215	25,000	D2035	D2100	D2170		3.0	D2055	D2120	D2190		
1,500	D2015	D2080	D2150	D2216	30,000	D2036	D2101	D2171		3.5	D2056	D2121	D2191		
1,750	D2016	D2081	D2151	D2217	40,000	D2037	D2102	D2172		4.0	D2057	D2122	D2192		
2,000	D2017	D2082	D2152		50,000	D2038	D2103	D2173		5.0	D2058	D2123	D2193		
2,250	D2018	D2083	D2153		60,000	D2039	D2104	D2174		6.0	D2059	D2124	D2194		
2,500	D2019	D2084	D2154		75,000	D2040	D2105	D2175		10.0	D2060	D2125	D2195		
3,000	D2020	D2085	D2155												

The RADISTOR Kit

Twenty-Four "Certified" Insulated Resistors
In Compact Lacquered Metal Carrying Case

A3990—1 Watt Kit	\$1.55	C3993—1 Watt Kit	\$1.10
K3991—1/2 Watt Kit	1.33	C3994—1/2 Watt Kit88
A3992—1/3 Watt Kit	1.14	C3995—1/3 Watt Kit69

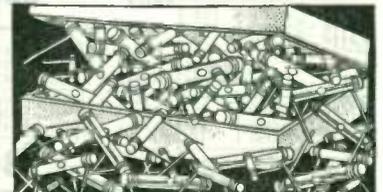
CASE ONLY
R3996—**49c**

These kits enable the serviceman to make practically any resistor repair regardless of any unusual value resistance needed. Twenty-four of the most popular value resistors are included as follows: 1 each—100, 250, 400, 500, 800, 1,000, 2,000, 3,000, 5,000, 6,000, 10,000, 12,500, 15,000, 20,000, 25,000, 40,000, 50,000, 60,000, 75,000, 100,000, 250,000, 500,000 ohms; 1 megohm; 2 megohms. If value wanted is not in kit, combinations can be made to give a resultant resistance of any exact value needed. Simple chart and calculating formulae included in kit. Accuracy guaranteed within 10%, and most values are actually within 5%.

In the Metal Box

Resistors are always ready and safe. Strong, green lacquered heavy gauge steel boxes protect the resistors against the roughest handling. Drop the kit in your tool box, on the job, you are always sure to have the correct dependable resistors ready to use. The right resistor when you want it.

SPECIAL BARGAIN Carbon Resistor Kits



A3997—Kit of 50 assorted Resistors in 1/4 and 1/2 watt sizes. **51c**
YOUR PRICE

A3998—Kit of 100 assorted Resistors in 1/4 and 1/2 watt sizes. **97c**
YOUR PRICE

A3999—Kit of 100 Resistors. Contains: 25-1 watt, 50-1/2 watt and 25-1/4 watt resistors. **\$114**
YOUR PRICE

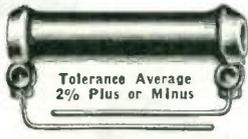
Kits are made up of resistances most commonly used in factory made sets. R.M.A. color coded. 1/2" tinned wire leads. Outstanding values!

GUARANTEED

Color Code Chart Free

Wire Wound Resistors *For Use in Circuits of High Power Dissipation*

Vitreous Enamelled Resistors



Tolerance Average
2% Plus or Minus

Wire wound on a 1/8" porcelain tube 1 1/2" long with a 1/4" hollow center. Coated with high quality Vitreous enamel and fired at red heat making an enamel coating which is fused tightly to the wire, terminal connections, and base. Either the solder lugs or 1/4" (tinned) wire leads may be used for mounting unit in circuit.

Non-Porous Waterproof Coating

10 Watt YOUR PRICE, EACH **16c** 5 for75c

Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms	Stock Number	Ohms
R3304	5	R3312	50	R3320	300	R3329	2,000	R3337	10,000
R3305	7.5	R3313	75	R3322	400	R3330	2,500	R3338	12,000
R3306	10	R3314	100	R3323	500	R3331	3,000	R3339	15,000
R3307	15	R3316	150	R3325	750	R3333	4,000	R3340	20,000
R3308	20	R3317	175	R3326	1,000	R3334	5,000	R3341	25,000
R3309	25	R3318	200	R3327	1,250	R3335	6,000	R3342	30,000
R3310	30	R3319	250	R3328	1,500	R3336	7,500	R3344	60,000

20 Watt Size—2 Inches Long

Stock Number	Resistance Ohms						
R3350	5	R3363	750	R3379	4000	R3393	50,000
R3351	10	R3365	1000	R3381	5000	R3395	75,000
R3352	50	R3368	1500	R3385	8000		
R3354	100	R3371	2000	R3386	10000		
R3355	150	R3374	2500	R3388	15000		
R3357	250	R3376	3000	R3389	25000		
R3361	500	R3378	3750	R3392	45000		

YOUR PRICE **32c** YOUR PRICE **32c** YOUR PRICE **32c** YOUR PRICE **49c**

50 Watt Size—4 Inches Long (with lugs)

Stock Number	Resistance Ohms						
R3253	250	R3258	1500	C3277	7,500	R3274	50,000
R3254	500	R3261	2500	R3269	10,000	C3278	75,000
R3256	1000	R3263	5000	R3272	25,000	R3276	100,000

YOUR PRICE **54c** YOUR PRICE **54c** YOUR PRICE **61c** YOUR PRICE **70c**

Adjustable Voltage Dividers

Guaranteed Standard
N.E.M.A. Ratings

Vitreous Enamelled



Complete with
One Adjustable Lug

Will replace any tapped voltage divider. Wound on insulite tube and covered with high grade vitreous enamel. A narrow track of exposed wire provides a simple means of adjusting the slider lug to the exact value desired.

Small contact button on adjustable lug shorts out minimum of resistance. Monel Metal lugs insure firm connection with resistance wire. New longer tube permits the use of more than one adjustable tap where required. Rated strictly in accordance with the requirements of the National Electric Manufacturers Association. Adjustable mounting brackets.

25 Watt Size 2"x3/4"			50 Watt Size 4"x3/4"			80 Watt Size 6"x3/4"		
Stock Number	Resist. Ohms	Max. Curr't M.A.	Stock Number	Resist. Ohms	Max. Curr't M.A.	Stock Number	Resist. Ohms	Max. Curr't M.A.
K3405	5	2450	K3430	100	740	K3450	100	865
K3406	15	1410	K3431	200	520	K3451	250	545
K3407	50	770	K3432	500	330	K3452	500	387
K3408	100	645	K3433	1000	234	K3453	1000	270
K3410	200	385				K3456	2500	173
			K3434	2000	165	K3457	5000	122
K3411	250	345	K3435	3000	135			
K3412	500	245	K3436	4000	117			
K3414	800	193	K3437	5000	104			
K3415	1000	173						
K3416	1500	141						

YOUR PRICE **66c**

Stock Number	Resist. Ohms	Max. Curr't M.A.
K3417	2000	122
K3418	3000	100
K3419	5000	77

YOUR PRICE **42c**

Stock Number	Resist. Ohms	Max. Curr't M.A.
K3420	7500	63
K3421	10000	54
K3423	15000	44

YOUR PRICE **46c**

Stock Number	Resist. Ohms	Max. Curr't M.A.
K3424	20000	38
K3425	25000	32

YOUR PRICE **54c**

Stock Number	Resist. Ohms	Max. Curr't M.A.
K3438	7500	85
K3439	10000	74
K3440	12000	67

YOUR PRICE **73c**

Stock Number	Resist. Ohms	Max. Curr't M.A.
K3441	15000	60
K3442	20000	50
K3443	25000	45

YOUR PRICE **73c**

Extra Adjustable Lugs
For use where additional taps are required.

N3464—**5c** Net Each

Crosley Candohm Replacement



R3871—Crosley Part No. 28471. Resistance. 33,500 ohms tapped at 25,000 and 8500 ohms. List. 70c.
YOUR PRICE **39c**

Cement Coated Resistors

10 Watt Size
Highly Moisture Proof
Will Stand 500% Overload

A new process now makes cement coated resistors more highly moisture proof, greater heat resistant and longer lived than higher priced vitreous enamelled resistors. Will take up to 500% overload. Will not crack, peel or flake. Truly a superior resistor in every way—yet priced so low as to guarantee you a big profit.



Tolerance Average
5% Plus or Minus

Stock Number	Ohms Resist.	Your Price	Stock Number	Ohms Resist.
D3500	10	12 1/2c Each, in Lots of 10	D3507	2500
D3501	250		D3508	5000
D3502	300		D3509	7500
D3503	500		D3510	10000
D3504	750		D3511	15000
D3505	1000		D3512	20000
D3506	2000		D3513	25000

Ohmite Wire Wound Resistor

Heavy vitreous enamel coating over wire-wound porcelain core protects winding from moisture and acids and quickly dissipates heat. Has tinned wire leads. Size 1 3/4"x3/4" Dia.
YOUR PRICE, Ea.



10 Watt

"OHMITE"
"Brown Devil"

Any Value **24c**

Ohms Resist.	Stock Num.						
1	D3000	150	D3014	900	D3026	7500	D3038
2	D3001	200	D3015	1000	D3027	10000	D3039
3	D3002	250	D3016	1250	D3028	12500	D3040
4	D3003	300	D3017	1500	D3029	15000	D3041
10	D3005	350	D3018	1750	D3030	17500	D3042
20	D3007	400	D3019	2000	D3031	20000	D3043
30	D3008	450	D3020	2250	D3032	22500	D3044
40	D3009	500	D3021	2500	D3033	25000	D3045
50	D3010	600	D3022	3000	D3034	30000	D3046
75	D3011	700	D3023	3500	D3035	35000	D3047
100	D3012	750	D3024	4000	D3036	40000	D3048
125	D3013	800	D3025	5000	D3037	50000	D3099

Candohmeter Resistance Indicators



R3870—Range 0 to 10,000 and 0 to 100,000 ohms. List Price, \$2.00.
YOUR PRICE **\$1.18**

An accurate, uniform wire wound resistor insulated from and enclosed in metal housing with exposed slot permitting contact with resistor. Furnished with insulated handle test prods. Has two scales, the upper one to determine approximate value, the lower to permit more accurate reading within that range. Serves to determine proper resistance to replace a defective resistor.

Mallory-Yaxley Truvolt Wire Wound Adjustable Resistors



High quality resistance wire wound on fire-proof lava tubes. Adjustable clip, permits tapping at any desired point. Size, 1/2"x1 1/2" long.

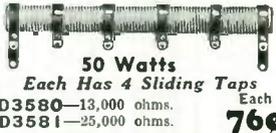
10 Watts†
(On Values Up To 15,000 Ohms)

Stock Number	Resist. Ohms	Cur. M. A.	Max. Volts
R3476	50	450	22
R3478	100	315	31
R3479	200	220	45
R3480	300	180	55
R3482	500	141	70
R3483	800	112	89
R3484	1000	100	100
R3486	1500	81	122
R3487	2000	70	141
R3488	2500	63	158
R3490	4000	50	200
R3491	5000	45	222
R3492	7500	36	274
R3493	10000	31	316
R3494	15000	26	388
R3495	20000	20	395
R3496	25000	16	400

List Price, Each 50c.
YOUR PRICE, EACH **29c**

D3566—Adjustable Sliding Clips for Truvolt resistors.
YOUR PRICE, Each **5c**

Variable Voltage Dividers



50 Watts
Each Has 4 Sliding Taps
D3580—13,000 ohms. Each
D3581—25,000 ohms. **76c**

Flexible Resistors

Fiberglass Sleeveing Completely Insulated

TYPE W.F. CONTINENTAL

Nichrome wire wound on asbestos core.

Ohms Resist.	1 Watt	Stock Number	3 Watt	5 Watt
7.5	3102	3122	3142	
10	3103	3123	3143	
20	3105	3125	3145	
30	3106	3126	3146	
50	3107	3127	3147	
100	3108	3128	3148	
200	3109	3129	3149	
300	3110	3130	3150	
400	3111	3131	3151	
500	3112	3132	3152	
750	3113	3133	3153	
1000	3114	3134	3154	
1250	3115	3135	3155	
1500	3116	3136	3156	
2000	3117	3137	3157	
3000	3118	3138	3158	
5000	3119	3139	3159	

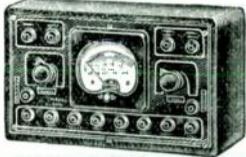
Size
1 1/2"x3/4" 2 1/2"x3/4" 3 1/2"x3/4"

PRICE EACH
10 for **11c 17c 20c**
\$1.05 \$1.58 \$1.85

New Test Instruments

Dependable Volt-Ohm-Milliammeter Kits

Has 3" Meter
1000 Ohms Per Volt



A one Ma. foundation meter of the D'Arsonval type. Has easily read calibrations on long multi-range scales. Square bakelite case. Scale ranges of: 0.5/1/50/250/500 Volts DC, 0.1/10/100/500/1000 Volts AC; 0.1/10/100/1000 DC Ma.; 0.1/10 DC Amps; 0/500/100,000/1,000,000 Ohms; — to +15/+12 to +35/+26 to +49/+32 to +55 VB. Accuracy within 2%. Complete operating instructions and all necessary wiring diagrams are included. Ohmmeter circuit furnished with the DC parts kit. Necessary parts for building complete testers are listed below.
D17151—Meter only. \$294
YOUR PRICE

Parts Kit for D.C. Ranges

All parts needed for above DC ranges. Includes a drilled and etched aluminum panel 7 1/2"x3 1/2"; selector switch, 13 bakelite tip jacks, ohmmeter control rheostat, 2 knobs, 12 specially calibrated resistors (6 wire wound); 3-1 1/2 V. batteries. Complete instructions and wiring diagram.
D17152—DC parts kit only. \$293
YOUR PRICE

Parts Kit for A.C. Ranges

Add this kit to the above DC kit to make a complete AC-DC instrument having all of the ranges indicated in the description above. Includes a copper oxide rectifier, specially calibrated multiplier, jack, mounting bracket.
D17153—AC parts kit only. \$162
YOUR PRICE

Instrument Case

D17154—Hardwood meter box to house either of above kits. 8 1/2"x5 3/4".
YOUR PRICE

Solar Model CE Exam-eter

Tests for Capacity, Shorts, Opens, And Impedance under Actual Operating Conditions

D17172—Solar Model CE Exameter complete with all necessary tubes, test leads and instructions. For 110 volts 60 cycle AC operation. **\$31.31**
YOUR PRICE

Makes all measurements necessary to determine the true condition of any type condenser used in radio receivers. Tests for shorts, opens, R.F. impedance, intermittents (dynamic circuit). Has capacity range from 10 mmfd. to 2000 mfd. in 10 steps. Measures resistance in five ranges from 50 ohms to 10,000 megohms; leakage measurements are made directly on meter in Ma; Bridge meter plus power factor scale shows power factor from 0 to 50%. Has variable D.C. voltage supply of 0 to 550 volts. DC vacuum tube voltmeter measures D.C. voltage from 0 to 600 in three ranges; A.C. vacuum tube voltmeter (input resistance 10 meg.) has range from 0 to 30 volts; meter can also be used to check continuity. Employs 1-6L6, 2-6J5GT's. With leads. Portable case is 8 1/2"x11 1/2"x5 1/2" high. For 110 volts, 60 cycles A.C. Complete with tubes.



New Carron Test Units and Kits

Signal Tracing Amplifier



Model CCH
D17287—YOUR PRICE \$39.20

Makes gain and frequency measurements over a range of 55 Kc to 17Mc in 5 bands. Uses 6U5 electron eye as an indicator tube; 4 step 60 db. attenuator; built-in speaker; input capacitance of 30 pf. Grey wrinkled metal cabinet. Complete with 30' co-axial cable and 7 tubes. Size, 9"x9"x7". Shpg. wt., 14 lbs. For 115 V. 60 cycle.

B.F. Audio Oscillator



Model CCA
D17326—YOUR PRICE \$24.45

This instrument is indispensable for providing overall fidelity checks on auto amplifiers and receivers, determination of modulation capabilities, checking for speaker rattle, etc. Covers from 20 to 16,000 cycles per second. Has sinusoidal wave form with maximum distortion under 2%. Output flat within 1.8 db. over range. Has a 15-volt B1M output into a 100,000 ohm load. Grey wrinkle finish metal cabinet, 7 1/2"x7 1/2". Full-vision dial. Uses 2-6BK7, 2-6C5, 1-5Z4, 1-6U5. Has a 60 cycle calibrator. Complete with tubes. For 115 V. 60 cycles.

Model CCH Kit

D17288—Essential Kit. Consists of 5 band 2 stage IF assembly, two-gang condenser, dial and hdwe. chassis panel, case, switch and RF cable.
YOUR PRICE \$17.15

D17289—Tubes and Miscellaneous Parts. Includes resistors, condensers, sockets, power transformer, 3" dynamic speaker, etc., 2-6BK7, one each 6C5, 6F6G, 5Z4, 6U5, 6V6G.
YOUR PRICE \$12.45

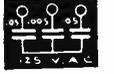
Model CCA Kit

D17327—Kit contains oscillator unit, filter, 385 mmf. variable condenser, a punched and drilled 7"x9"x2" chassis base, panel and cabinet, hardware, dial parts, etc.
YOUR PRICE \$10.25

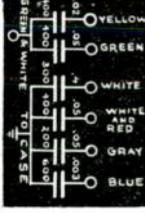
D17328—Tubes and Miscellaneous Parts. Contains resistors, condensers, transformer, sockets, etc. Includes 2-6BK7, 2-6C5, 1-5Z4, 1-6U5 tubes.
YOUR PRICE \$9.75

Special Value Paper Condensers

Quality paper dielectric condensers made by a well known manufacturer. Use them for general replacement or experimental purposes.



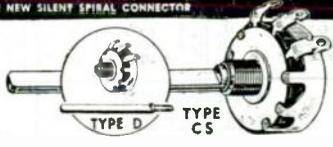
Tubular Types
D8691—25 Mfd. at 400 volts. In 1/2"x2" moisture-proof cardboard tube. 4" Leads.
D8692—05-.05-.005 Mfd. at 125 volts AC (400V. DC). 1/2"x2". Long cardboard tube. Has 3 leads. Note: .005 is coded by longer insulation on lead. See diagram at upper left.
Either Type YOUR PRICE, Each \$4.00
 Ten for 30c., 100 for \$2.00



In Metal Container
D8690—Six condensers in metal container with spade type mounting lugs. See diagram at upper left for capacity and voltage ratings. Size, 2 1/2"x2 1/2" high.
YOUR PRICE, Each \$8.00
 Ten for 60c., 100 for \$4.50

IRC STANDARD Metallized CONTROLS

Absolutely quiet! Features metallized resistance element, spiral spring connector, 5 finger contactor and bakelite case with dust-proof metal shield. Available in large size Type CS measuring 1 1/2"x1 1/2" dia., and Midget Type D size 1 1/8"x1 1/8" dia. *Include 300 ohm resistor.
TAPERS: A Linear resistance. **C** For Grid circuits. **D** For combination Antenna and Cathode Bias. **F** For Plate, Screen or Cathode Bias circuits.



Standard Controls—Type CS
 With attached 1/2"x3" long shaft. Less switch. List, \$1.00.
YOUR PRICE, Each \$0.59

Tapped Controls—Type CS
 With tap for automatic bass compensated volume control grid circuits. List Price, \$1.50.
YOUR PRICE, Each \$0.88

Resistance Ohms	Taper	Mfg. Code	Stock Number
500	A	11-103	A12750
1,000	A	11-108	A12751
2,000	A	11-110	A12752
3,000	A	11-112	A12753
4,000	A	11-113	A12754
5,000	A	11-114	A12755
6,000	A	11-115	A12756
10,000	A	11-116	*A12758
10,000	C	11-118	A12759
10,000	D	14-118	*A12760
10,000	F	16-118	*A12761
15,000	D	14-118	*A12762
15,000	F	16-118	*A12763
20,000	F	16-119	*A12764
25,000	A	11-120	A12765
25,000	D	14-120	*A12766
25,000	F	16-120	A12767
50,000	A	11-123	A12768
50,000	C	13-123	A12769
75,000	C	13-125	A12770
75,000	D	14-125	*A12771
100,000	A	11-128	A12772
100,000	C	13-128	A12773
200,000	A	11-123	A12774
250,000	C	13-120	A12776
350,000	C	13-132	C12650
500,000	C	13-133	A12775
500,000	C	13-137	A12780
1.0 Meg.	C	13-139	A12781
2.0 Meg.	C	13-140	A12782
3.0 Meg.	C	13-140	A12783
5.0 Meg.	A	11-141	A12783
10.0 Meg.	A	11-143	A12785

Resistance Ohms	Tap	Mfg. Code	Stock Number
250M	125M	13-130X	A12786
350M	175M	13-132X	A12787
500M	125M	13-133X	A12788
1 Meg.	250M	13-137X	A12789
1 Meg.	500M	VC-539X	A12790
2 Meg.	500M	15-139X	A12791

Resistance Ohms	Taper	Mfg. Code	Stock Number
100,000	C	D13-128	C12673
250,000	C	D13-130	C12674
350,000	C	D13-132	C12675
500,000	C	D13-133	C12676
1 Meg.	C	D13-137	C12677
2 Meg.	C	D13-139	C12678

Midget Controls—Type D
 With 1/2"x3" long plug-in shaft. Less switch. List, \$1.00.
PRICE, Each, With Shaft \$0.59

Attachable Switch
 Snaps on. Rated 2 Amps. at 125 volts, 10 amps. at 6 volts. Underwriter's approved. *For battery sets.

Type CS	Type D	Switch	Price
D12703	D12708	SPST Ea.	29c EACH
D12704	D12710	SPDT	
D12705	D12709	DPST	
D12706	D12711	4PST	

Special Value Carbon Resistors

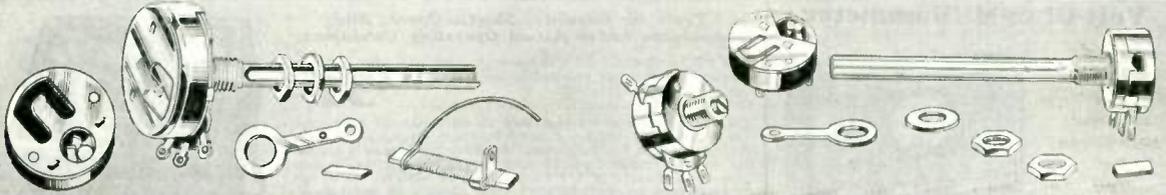


1/2, 1 and 2 Watt
 Fine quality carbon resistors. RMA Color coded for easy identification. These resistors represent values that you cannot afford to miss.

1/2 and 1 Watt Resistors, Each 3c 100 for \$2.25
 2 Watt Resistors, Each 4c 50 for \$1.75

Ohms Resistance	Stock Number			Ohms Resistance	Stock Number		
	1/2 Watt	1 Watt	2 Watt		1/2 Watt	1 Watt	2 Watt
100	B2300	B2316	B2332	20,000	B2308	B2324	B2340
400	B2301	B2317	B2333	25,000	B2309	B2325	B2341
500	B2302	B2318	B2334	50,000	B2310	B2326	B2342
1,000	B2303	B2319	B2335	100,000	B2311	B2327	B2343
2,500	B2304	B2320	B2336	150,000	B2312	B2328	B2344
5,000	B2305	B2321	B2337	250,000	B2313	B2329	B2345
10,000	B2306	B2322	B2338	500,000	B2314	B2330	B2346
15,000	B2307	B2323	B2339	1 Meg.	B2315	B2331	B2347

YAXLEY Universal Replacement STANDARD and MIDGET Controls



STANDARD SINGLE CONTROLS

MIDGET REPLACEMENT CONTROLS

Ruggedly constructed, quality controls. 3" long fluted aluminum shaft, easily cut or filed. Size $\frac{1}{8}$ " deep by $1\frac{1}{2}$ " dia. on carbon types and $1\frac{1}{2}$ " on wire wound. H.R.—Are high resistance carbon types. W.W.—Are wire wound. *Have adjustable minimum bias feature. HR types are supplied with external bias resistor (when used as cathode bias control). †Have slotted shaft for auto sets. ‡Have $\frac{1}{2}$ " long shaft with additional $5\frac{1}{2}$ " long slotted extension shaft and coupling, for auto sets.

Ruggedly constructed midget replacement controls. Supplied in plug-in shaft type or with shaft attached. Control measures $1\frac{1}{2}$ " in dia. by $\frac{1}{2}$ " deep. $\frac{3}{8}$ " bushing. Supplied less switch.

No Switch or Knob Included
 Price List Price, \$1.00.
All Types Below YOUR PRICE, EACH 59c

Control Number	Type	Resistance Ohms	Curve	Control Number	Type	Resistance Ohms	Curve
Q	W.W.	2	IV	*H7	W.W.	15M	II
R	W.W.	6	IV	*H12	H.R.	15M	VII
S	W.W.	10	IV	*Y	H.R.	20M	I
T	W.W.	20	IV	*A20MP	W.W.	20M	IV
U	W.W.	30	IV	*J	H.R.	25M	II
V	W.W.	60	IV	*Y25MP	H.R.	25M	IV
W	W.W.	100	IV	*K	H.R.	50M	II
X	W.W.	200	IV	*K12	H.R.	50M	I
A400P	W.W.	400	IV	*Y50MP	H.R.	50M	IV
A	W.W.	500	IV	*Z12	H.R.	75M	II
A550P	W.W.	550	IV	*L	H.R.	100M	I
B	W.W.	1000	I	*UC-510	H.R.	100M	II
UC-500	W.W.	1000	II	*Y100MP	H.R.	100M	IV
A1MP	W.W.	1000	IV	*UC-502	H.R.	150M	I
*A2MP	W.W.	2000	IV	*Y200MP	H.R.	200M	IV
*C	W.W.	2000	II	*M	H.R.	250M	I
*C12	W.W.	2000	I	*UC-509	H.R.	250M	II
*D	W.W.	3000	VII	*UC-511†	H.R.	250M	I
*D7	W.W.	3000	VII	*Y250MP	H.R.	250M	IV
*D12	W.W.	3000	IV	N	H.R.	500M	I
*A3MP	W.W.	3000	IV	UC-512†	H.R.	500M	I
*E	W.W.	5000	IV	UC-513	H.R.	500M	II
*E7	W.W.	5000	VII	UC-515†	H.R.	500M	I
*A5MP	W.W.	5000	IV	*Y500MP	H.R.	500M	IV
*E12	H.R.	5000	I	UC-503	H.R.	750M	I
*Y5MP	H.R.	5000	IV	O	H.R.	1 Meg.	I
*F	W.W.	7500	VII	UC-514†	H.R.	1 Meg.	I
*F17	W.W.	7500	VII	*Y1000MP	H.R.	1 Meg.	IV
*G	W.W.	10M	II	P	H.R.	2 Meg.	I
*G7	W.W.	10M	VII	UC-504	H.R.	3 Meg.	I
*A10MP	W.W.	10M	IV	UC-505	H.R.	4 Meg.	I
*G12	H.R.	10M	I	UC-506	H.R.	5 Meg.	I
UC-501	H.R.	10M	II	UC-507	H.R.	5 Meg.	II
Y10MP	H.R.	10M	IV	UC-508	H.R.	9 Meg.	I

Plug-In Shaft Type

With these compact controls and Plug-In Shafts listed below at right any type special replacement control can be made. *Have slip clutch-switch cannot be attached.

Price Less Shaft-Less Switch
 List Price, \$1.25.
YOUR PRICE, EACH 73c

Control Number	Ohms Resist.	Resis. Taper
UM114	5M	I
UM118	10M	I
UM119	10M	II
UM120	10M	IV
UM121	15M	I
UM122	15M	II
UM124	20M	I
UM128	25M	II
UM129	25M	IV
UM134	50M	I
UM135	50M	IV
UM138	75M	I
UM141	100M	II
UM142	100M	IV
UM143*	100M	I
UM144	150M	I
UM147	250M	I
UM149	250M	IV
UM150*	250M	I
UM151	350M	I
UM154	500M	I
UM156	500M	IV
UM158	750M	I
UM161	1 Meg.	I
UM162*	1 Meg.	I
UM163	2 Meg.	I
UM165	3 Meg.	I

With Attached Shaft

Milled aluminum shaft $\frac{1}{8}$ " diameter x 3" long firmly attached.

Price With Shaft Less Switch
 List Price, \$1.00.
YOUR PRICE, EACH 59c

Control Number	Ohms Resist.	Resis. Taper
MR14	5M	I
MR18	10M	I
MR19	10M	II
MR20	10M	IV
MR21	15M	I
MR22	15M	II
MR24	20M	I
MR28	25M	II
MR29	25M	IV
MR33	50M	I
MR34	50M	II
MR35	50M	IV
MR36	75M	I
MR37	75M	II
MR39	100M	I
MR40	100M	II
MR41	100M	I
MR42	150M	I
MR44	250M	I
MR45	250M	II
MR48	500M	I
MR50	500M	IV
MR51	750M	I
MR53	1 Meg.	I
MR55	2 Meg.	I
MR57	3 Meg.	I

Standard Dual Controls

Same construction as single controls. No switch included—use standard attachable switch. *Are wire wound types, remaining are carbon type.

List Price, \$2.50.
YOUR PRICE, EACH \$1.47

Cont. No.	Front Ohms	Rear Ohms	Use
*CE	2M (1)	5M (1)	Ant. & Bias
*GE	10M (7)	5M (4)	Ant. & Bias
*GG	10M (7)	10M (4)	Ant. & Bias
CK	10M (1)	50M (4)	Ant. & Bias
KK	50M (4)	50M (1)	Aud. & Bias
LL	100M (1)	100M (1)	Aud. Shunt
LM	100M (1)	250M (1)	Aud. & Tone
MM	250M (1)	250M (1)	Aud. Shunt
MN	250M (1)	500M (1)	Aud. Tone
NN	500M (1)	500M (1)	Aud. Shunt

Standard Switch



Fit all Yaxley Standard size Controls. Easily attached. Underwriters' approved. Depth $\frac{1}{2}$ ".
 A12720—Code 6-9-S.P.S.T.
YOUR PRICE, EACH 29c

D12721—Code 6T-S.P.S.T. With dummy lug.
 A12722—Code 7-D.P.S.T.
 A12723—Code 8-S.P.D.T.
 A12724—Code 13-3 Pole.
 A12725—Code 14-4 Pole.
 *Shorting type for battery sets.

Standard Tapped Controls

Standard size volume controls with tap for tone compensation. Same physical specifications as above single controls. All are taper curve V. No switch included—use standard attachable switch. †Also suitable for phonopickup volume control.

List Price, \$1.50.
YOUR PRICE, EACH 88c

Control Number	Ohms Resist.	Tapped at Ohms
TRP600	6M	2500
TRP601	30M	6000
TRP622	44M	7000
TRP617	60M	14000
TRP620	63M	3000
TRP623	250M	50000
TRP603	250M†	125000
TRP604	350M†	25000
TRP605	350M†	75000
TRP614	350M	75000
TRP616	500M	50000
TRP606	500M	100000
TRP607	500M	250000
TRP608	1 Meg.	200000
TRP609	1 Meg.†	500000
TRP610	1 Meg.	20000
TRP611	1 Meg.	170000
TRP612	2 Meg.	25000
TRP618	2 Meg.	200000
TRP613	2 Meg.	450000
TRP620	2 Meg.	1 Meg.
TRP624	2½ Meg.†	250000
TRP615	3 Meg.	500000

Midget Tapped Controls Plug-In Shaft Type

For Tone Compensation Circuits
 Price Less Shaft-Less Switch

List Price, \$1.25.
YOUR PRICE, EACH 73c

Control Number	Ohms Resist.	Tapped at Ohms	Res. Taper
TM219*	250M	50M	V
TM220	250M	50M	V
TM221	250M	125M	V
TM222*	250M	125M	V
TM225	350M	75M	V
TM228	500M	5M	VI
TM229*	500M	125M	V
TM230	500M	125M	V
TM231	500M	250M	V
TM232*	1 Meg.	250M	V
TM240	1 Meg.	200M	V
TM241*	1 Meg.	200M	V
TM242	1 Meg.	450M	V
TM243	2 Meg.	500M	V
TM245	2 Meg.	5M	VI
TM246	2 Meg.	25M	V
TM247	2 Meg.	50M	V
TM248	2 Meg.	200M	V
TM249	2 Meg.	500M	V
TM251	2 Meg.	1 Meg.	V
TM252*	2 Meg.	1 Meg.	V
TM253	2 Meg.	5 & 500M	Spec.
TM257	3 Meg.	1 Meg.	IV

Midget Switches

Fit all Yaxley Midget Controls. Snaps into place. Underwriters' approved. *For battery sets.

D12715—M26—SPST
YOUR PRICE, EACH 29c

D12719—M26T—SPST with dummy lug.
 D12716—M27—DPST
 D12717—M28—SPDT
 D12718—M23—3 Pole*
 D12726—M24—4 Pole*
YOUR PRICE EACH

Plug-in Shafts

For Midget Controls at Left.

List Price, 25c.
YOUR PRICE, EACH 15c



Exact Duplicate Replacement Controls MALLORY

Special Replacement Controls

See Your Mallory-Yaxley Radio Service Encyclopedia for Individual Set Listing or Specify Receiver and Model and we Will Send Correct Replacement Control.

Single "SRP" Controls

Controls are exact duplications of original. Nuts and washers are included but switch and other accessories are not supplied. Use standard attachable switch listed on opposite page.

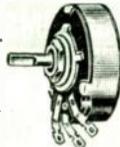


SRP282

Controls less switches as listed below (except SRP 273 and SRP 280) List Price, \$1.50. YOUR PRICE, **88¢**

*Controls SRP 273, SRP 280 include switches. List, \$2.00. YOUR PRICE **\$1.18**

†Have right hand switch action. H.R. are high resistance carbon type controls. W.W. are wirewound type.



SRP160

Control Number	Ohms Resis.	Type Element	Used As	Control Number	Ohms Resis.	Type Element	Used As
SRP133	2M	H. R.	Vol.	SRP266	600	W. W.	Hum.
SRP134	4,600	W. W.	Vol., Sen.	SRP267	8M	W. W.	Tone Beam
SRP138	450	W. W.	Vol.	SRP268	15	W. W.	Vol.
SRP139	550	W. W.	Vol.	SRP269	10M	H. R.	Vol.
SRP141	1,200	W. W.	Vol.	SRP271	150	W. W.	Vol.
SRP142	2,800	W. W.	Vol.	SRP272	300	W. W.	Vol.
SRP144	2M	H. R.	Vol.	SRP273*	500M	H. R.	Vol.
SRP145	2M	H. R.	Vol.	SRP274	10M	W. W.	Vol.
SRP150	50M	H. R.	Vol.	SRP275	500M	H. R.	Vol.
SRP152	60	W. W.	Phono., Vol.	SRP276	3M	H. R.	Regen
SRP153	13M	W. W.	Vol.	SRP277	2M	H. R.	Vol.
SRP154	50M	H. R.	Vol.	SRP278	500M	H. R.	Vol.
SRP160	3,200	H. R.	Equal	SRP279	500M	H. R.	Vol.
SRP170	75M	H. R.	Vol.	SRP280*	500M	H. R.	Vol.
SRP179	125M	H. R.	Vol.	SRP281	500M	H. R.	Vol.
SRP185	1,500	H. R.	Vol.	SRP282	350M	H. R.	Vol.
SRP188	32M	H. R.	Vol.	SRP283	2,500	W. W.	Vol.
SRP216	500M	H. R.	Vol.	SRP284	100M	H. R.	Vol. Tone
SRP223	1M	W. W.	Vol.	SRP285	500M	H. R.	Vol. Tone
SRP245	32M	H. R.	Vol.	SRP286	250M	H. R.	Vol. Tone
SRP249	20M	W. W.	Vol.	SRP287	5M	H. R.	Vol. Tone
SRP251	250M	H. R.	Vol.	SRP288	100M	H. R.	Vol. Tone
SRP253	400	W. W.	Hum.	SRP289	100M	H. R.	Vol.
SRP254	3,500	W. W.	Vol.	SRP922	250M	H. R.	Vol.
SRP255	15M	W. W.	Vol.	Volume Control Strips			
SRP257	3M	W. W.	Vol.				
SRP259	50M	H. R.	Phono.	SRP239	450	W. W.	Vol.
SRP261	100M	H. R.	Vol.	SRP241	6M	W. W.	Vol.
SRP262	1,500	W. W.	Vol.	List, 50¢. YOUR PRICE 29¢			
SRP263	32M	H. R.	Hum., Tone				
SRP264	650	W. W.	Vol.				
SRP265	200	W. W.	Hum.				

Special Dual Controls

Controls exactly duplicate original in electrical characteristics. Improved design results in better performance and longer life. Supplied less switch. Wipers original control has switch, use the standard type switch listed on opposite page. *DRP311 has 250 M section tapped at 160M.

Price All Types Below, Less Switch

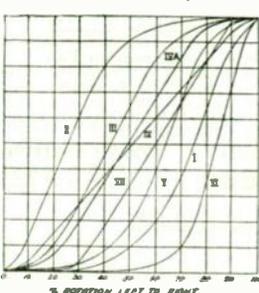
List Price, \$2.50. YOUR PRICE, EACH **\$1.47**

H.R.—Carbon Type; W.W.—Wirewound Type.

Control Number	Ohms Front	Ohms Rear	Type Element	Control Number	Ohms Front	Ohms Rear	Type Element
DRP114	250	5M	W. W.	DRP302	100M	250M	H. R.
DRP114	3,800	3,800	H. R.	DRP303	2,500	100M	H. R.
DRP116	25,700	10,000	W. W.	DRP304	1 Meg.	3 Meg.	H. R.
DRP119	3M	10M	W. W.	DRP307	3M	12M	WW & HR
DRP122	645	10M	W. W.	DRP308	50M	50M	H. R.
DRP169	7,500	10M	W. W.	DRP310	25M	25M	H. R.
DRP221	10M	100M	H. R.	DRP311	150M	250M*	H. R.
DRP242	10M	500M	H. R.	DRP312	75M	500M	H. R.
DRP244	32M	5M	H. R.	DRP313	1M	500M	H. R.
DRP245	1 Meg.	3 Meg.	H. R.	DRP314	500M	2,000	H. R.
DRP246	32M	50M	H. R.	DRP317	500M	1M	H. R.
DRP301	5M	2,500	HR & WW				

Resistance Taper Curve Chart

Taper I—Used in antenna, RF and Audio Grid Shunt circuits where very little current flows. Only center and left hand terminals are used.



Taper II—Used in series cathode, screen and plate circuits where considerable current flows. Center and right hand terminals used.

Taper III—Is a combination taper of I and II where control must perform use of both above tapers. As in antenna-cathode circuits.

Taper IV & IVA—Indicate linear controls. Used where taper is not necessary as in voltage divider circuits—voltage being directly proportional to rotation of shaft.

Taper V—Control with tone compensation tap. Used in audio shunt circuits.

Taper VI—Indicates control with tone compensation tap at very low resistance. Used in audio shunt circuits.

Taper VII—Used in wirewound controls—same use as Taper III.

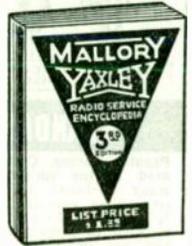
Mallory-Yaxley Encyclopedia of Radio Service

New Third Edition

The First and Second Edition proved that this Book meets an overwhelming serviceman's need. And now this new edition with 256 Pages of Real, Time-Saving Information fills that need even more fully at a greatly reduced price. Printed on Quality Paper and Bound in Flexible Heavy Paper Covers. Size, 8½x11".

C12441—List, \$1.25. YOUR PRICE..... **75¢**

The most complete radio service encyclopedia ever published. Gives finger tip reference to information never before published. Over 17,000 radio receiver models are completely analyzed giving all the information necessary for complete, quick radio service work. Provides parts replacement information instantly and accurately covering volume controls, condensers, vibrators, tube complement and I.F. peak frequency of each model. Contains 56 pages of service information, including data on automatic tuning systems, receiver and amplifier design, complete tube data, cathode ray testing, alignment, antenna design, etc. All formulas, schematics and diagrams and other miscellaneous data of not much use to the average serviceman were omitted to greatly reduce the cost. You won't have to waste time "digging" through dozens of books for service replacement data. This third edition is complete in itself and includes all the valuable service data of the first and second editions. This book supplements—does not replace—manuals like Riders, and so a Riders' Trouble Shooters Manual page index is also given in the MYE for quick reference thereto.



Midget Wire Wound Potentiometers Dissipates 2 Watts

Ideal for test instruments or midget ohmmeters. Diameter less than a half dollar, only 1½". Extends ¼". back of panel. ¾" mounting hole, ¾" threaded shank, ¼" shaft, ¾" beyond blank. Linear resist. ance. Contact arm and center terminal are grounded to frame. Knob not included.



Stock Number	Ohms	Code	Max. Mills.	List Price	Your Price
R12873	15	C15P	360	\$1.00	59¢
R12875	60	C50P	200	1.00	
R12876	200	C200P	100	1.00	
R12877	400	C400P	50	1.00	
R12878	1,000	C1MP	45	1.25	
R12880	3,000	C3MP	25	1.25	
R12881	5,000	C5MP	20	1.50	
R12883	10,000	C10MP	14	1.50	
R12884	15,000	C15MP	11	1.50	
R12885	15,000	C15MP	11	1.50	

Volume Control Accessories

Aluminum Extension Shafts

For use where longer shafts are required. Aluminum shaft easily cut to proper length. 4" long. For ¼" volume control shafts.

A11285—Code RS-242—Dia. ¼". ¾" flat. List Price, 30¢. YOUR PRICE, EACH **18¢**

A11286—Code RS-243—Dia. ¼". ¾" flat. YOUR PRICE, EACH **18¢**

A11287—Code RS-244—Dia. ¼". ¾" flat. YOUR PRICE, EACH **18¢**

Auto Radio Control Shafts

Adapts universal volume controls for auto radio use. One end of extension shaft fits slotted or tongue type remote control cable end fittings and other end fastens securely on volume control shaft. Enclosed in tight fitting tube, 2" long.

A11288—Code RS-245—Slotted type. Dia. ¼". ¾" slot. YOUR PRICE, EACH **21¢**

A11289—Code RS-246—Tongue type for slotted end fitting. Tongue: ¼" wide. ¾" thick. Price, 35¢. YOUR PRICE, EACH **21¢**

Extension Bushing

Permits mounting any standard Yaxley Control ¾" back from the panel. Slips over shaft and screws on volume control end threaded for fastening to panel with standard control nut.

A11284—Code EB-247. List, 20¢. YOUR PRICE..... **12¢**

Hex Shoulder Nut

A11246—Code 11260-12. For ¼" panels. List, 15¢. YOUR PRICE..... **9¢**

A11247—Code 11260-2. For ¾" panels. List, 20¢. YOUR PRICE..... **12¢**

Shaft Bushing and Nut

Permits mounting control back of panel. Holds shaft rigidly. For ¼" shaft and up to ¼" panels. Mounts in ¾" hole. YOUR PRICE..... **5¢**

A11283—Code UB-241. Ten for 44¢. YOUR PRICE..... **5¢**

Adjustable Mounting Brackets

A11248—RB 248 1½" centers. A11249—RB 249 2¼" centers. List, 20¢. YOUR PRICE..... **12¢**

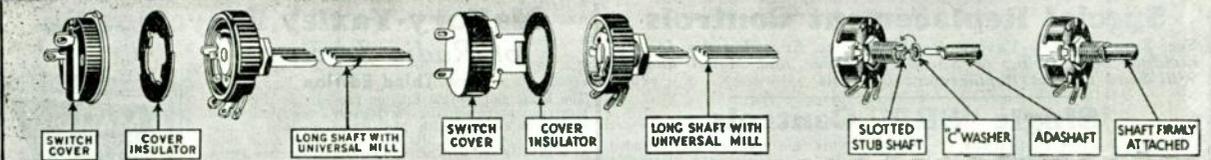
Volume Control Wrench

A12729—YOUR PRICE..... **12¢**

Or Free with order for six controls

Threaded hole in wrench repairs mared or damaged threads on volume control. Tightens nuts "in close quarters." Fits control bushings and nuts.

Centralab STANDARD REPLACEMENT VOLUME CONTROLS



STANDARD RADIOHMS MIDGET RADIOHMS ADASHAFT MIDGET RADIOHMS

Popular Carbon Composition replacement controls used in the majority of radio receivers. Has many exclusive features contributing to small size, quiet operation and long life. 3% Long, 1/4" diameter milled aluminum shaft is easily cut or filed to proper flat for push-on knobs. Controls are supplied with or without switch, however, attachable switch listed below can be attached at any time. (Control size: 1 1/2" diameter, 3/8" deep. Switch type is 1/8" deep and has S.P.S.T. switch rated 2 amps at 125 volts. Potentiometer type (3 lugs).

An efficient tiny control. For use in all radios. Noiseless. 3% long 1/4" diameter milled aluminum shaft easily cut or filed flat. Controls are potentiometer type (3 lugs). Terminals insulated from shaft. Current dissipation 1 watt. Body diam. 1 1/4"; Depth 3/8". Control with S.P.S.T. switch attached—Depth, 1/2". Switch rating—3 amp. at 125 volts or 10 amp. at 12 v.

New midget controls with plug-in shafts for special replacement use. Guide pin design eliminates shaft wobble. "C" washer firmly clamps shaft in place. Size and construction same as midget controls listed at left. Use switch below.
One K-163 (1/4" x 4") Plug-In Shaft Included With Each Control

Less Switch List. \$1.00
With Switch List. \$1.50
YOUR PRICE 59¢ **YOUR PRICE 88¢**

Less Switch List. \$1.00
With Switch List. \$1.50
YOUR PRICE 59¢ **YOUR PRICE 88¢**

YOUR PRICE, Each **59¢**

Resistance		Stock Number		Usual Circuit Location
Ohms	Cur.	Less Switch	With Switch	
500	1	72-115	62-118	Divider
1000	1	72-107	62-107	Divider
2000	1	72-103	62-103	Divider
3000	1	72-108	62-108	Divider
4000	1	72-109	62-109	Divider
5000	1	72-110	62-110	Divider
5000	6	70-204	52-204	Antenna Shunt
7500	1	72-139	62-139	Divider
10000	1	72-114	62-114	Antenna Shunt
10000	3	72-113	62-113	Ant. & Bias (One Tube)
10000	4	70-205	52-205	Ant. & Bias (Two Tubes)
10000	6	72-100	62-100	Antenna Shunt
15000	3	72-115	62-115	Ant. & Bias (Two Tubes)
15000	4	70-006	93-006	Ant. & Bias
20000	3	72-119	62-119	Ant. & Bias
25000	1	72-111	62-111	Divider
25000	3	72-102	62-102	Antenna Shunt
50000	1	72-103	62-103	Divider
50000	6	72-117	62-117	Tone Control
75000	6	72-123	62-123	Volume Control
75000	4	72-202	62-202	C-bias
100000	1	72-104	62-104	Divider
100000	6	72-122	62-122	Audio-Tone
150000	6	72-136	62-136	Audio-Tone
200000	1	72-120	62-120	Audio-Tone
200000	4	72-134	62-134	C-bias
250000	6	72-121	62-121	Audio-Tone
500000	6	72-105	62-105	Audio-Tone
500000	1	72-106	62-106	Divider
500000	4	70-203	52-203	R.F. Plate
750000	6	72-140	62-140	Audio-Tone
1 Meg.	6	72-135	62-135	Audio-Tone
2 Megs.	6	72-137	62-137	Audio-Tone
3 Megs.	6	72-132	62-132	Audio-Tone

Resistance Ohms	Taper	Stock Number		Usual Circuit Location
		Less Switch	With Switch	
5M	1	NF-106	PF-106	Divider
10M	1	NF-107	PF-107	Ant. & Bias
10M	3	NF-100	PF-100	Ant. & Bias of 1 Tube
10M	4	NF-108	PF-108	Ant. & Bias of 2 Tubes
10M	6	N-109	P-109	Antenna Shunt
15M	3	NF-110	PF-110	Ant. & Bias of 1 Tube
15M	4	NF-111	PF-111	Ant. & Bias of 2 Tubes
20M	3	NF-112	PF-112	Ant. & Bias
25M	1	NF-113	PF-113	Divider
25M	3	NF-101	PF-101	Ant. & Bias
50M	1	N-114	P-114	Divider
50M	6	N-115	P-115	Tone Control
100M	1	N-116	P-116	Divider
100M	6	N-117	P-117	Audio-Tone
150M	6	N-102	P-102	Audio-Tone
500M	1	N-118	P-118	Divider
500M	6	N-103	P-103	Audio-Tone
1 Meg.	6	N-104	P-104	Audio-Tone

Resistance Ohms	Taper	Stock Num.	Mfg. Code	Usual Circuit Location
10M	3	D12935	NF-126	Ant. & C Bias
25M	4	D12934	NF-146	Ant. & C Bias
50M	6	D12936	N-127	Tone Control
250M	6	D12937	N-128	Aud. Grid or Tone
500M	6	D12938	N-129	Aud. Grid or Tone
1 Meg.	6	D12939	N-130	Aud. Grid or Tone
2 Meg.	6	D12940	N-131	Aud. Grid or Tone
3 Meg.	6	D12945	N-145	Aud. Grid or Tone

Tapped Adashaft Controls
List. \$1.50.
YOUR PRICE, Each **88¢**

Plug-In Adashafts



A 12960—A—Code K163 4" Long, 1/32" Flat
A 12961—A—Code K164 4" Long, 3/32" Flat
A 12962—A—Code K165 1 1/2" Long, 1/32" Flat
A 12963—D—Code K176 1 1/2" Long, 1/4" Diameter Brass Split-Knurled Shaft
C 12959—D—Code K177 4" Long, 1/4" Diameter Brass Split-Knurled Shaft. Easily cut.
List Price, 25c.
YOUR PRICE, Each **15¢**

A 12963—B—Code K166 3" Long } Auto Radio
A 12964—B—Code K167 6" Long } Control Shafts
List Price, 35c.
YOUR PRICE, Each **21¢**

Midget Switch Cover Plate

Any plain, tapped or ada shaft midget Radiohm may be converted to switch type by using this new switch cover plate.

A 12730—Code K-155 S.P.S.T. **29¢**
A 12733—Code K-158 Four Pole shorting. **29¢**
A 12731—Code K-156 S.P.D.T. **29¢**
A 12732—Code K-157 D.P.S.T. **35¢**
YOUR PRICE, EACH **35¢**

Tapped Standard Radiohms

Less Switch List. \$1.50
With Switch List. \$2.00
YOUR PRICE 88¢ **YOUR PRICE \$1.18**

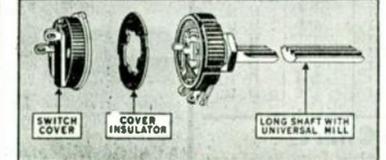
Resistance Ohms Tapped	Less Switch	With Switch	Circuit Location	
25000	75000	72-138	62-138	Audio Grid
50000	150000	72-134	62-134	having Auto-
1 Meg.	300000	72-135	62-135	matic tone
2 Meg.	600000	72-142	62-142	compensation

Standard Switch Cover Plate

Any plain Standard Radiohm listed above may be converted to switch type control. Capacity 3 amps. at 125V., 1 amp. at 250V. Depth 3/8". Underwriters Approved.
A 12735—K10-S.P.S.T. **29¢**
YOUR PRICE **29¢**

D 12738—K17-S.P.S.T. With dummy lug. **29¢**
A 12737—K12-D.P.S.T. **29¢**
A 12736—K11-S.P.D.T. **29¢**
A 12739—K15-Four Pole for battery sets. **29¢**
A 12741—K16-S.P.D.T. Operates at clockwise position of control **35¢**
YOUR PRICE, EACH **35¢**

WIRE WOUND RADIOHMS



All controls are linear and supplied less switch. Body dia. 1 1/4" x 3/8" deep. Rated 3 watts. 3% Long, 1/4" dia. milled aluminum shaft easily cut or filed. Use switch listed at left.
List Price, \$1.00.
YOUR PRICE, Each **59¢**

Resistance Ohms	Taper	Stock Num.	Mfg. Code	Max. M.A. Rat.	Max. Volts at Rated M. A.
20	1	A12920	V110	388	7.7
50	1	A12921	V116	245	12.3
100	1	A12922	V121	173	17.4
200	1	A12923	V123	122	24.6
400	1	A12924	V126	87	34.5
500	1	A12925	V127	78	38.4
1000	1	A12926	VF129	55	55
3000	1	A12927	VF133	32	94
5000	1	A12928	VF135	25	120
7500	1	A12929	VF136	21	143
10000	1	A12930	VF137	17	176

MIDGET AUTO RADIOHMS

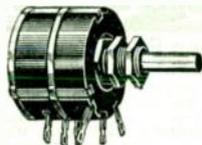


With Tone Compensation Tap
3" Long, 1/4" dia. shaft fits 3/8" tongue or slotted type cable fittings. Easily cut to length. Guide funnel holds shaft rigidly. Plain units have slip clutch shaft and cannot be used with control. Control same size as Midget Radiohm. *D.P.S.T. switch.

Less Switch List. \$1.50
With Switch List. \$2.00
YOUR PRICE 88¢ **YOUR PRICE \$1.18**

Resistance Ohms	Tapped	Less Switch	With Switch	Curve 10 for audio grid circuits having automatic tone compensation.
250M	75M	NA-123	PA-123	
500M	150M	NA-105	PA-105	
1 Meg.	300M	NA-124	PA-124	
2 Meg.	600M	NA-125	PA-125	

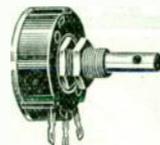
Controls Exactly Fit — No Changes are Necessary



See Your Centralab Volume Control Guide or Listing Below for Proper Replacement or Specify Receiver Name, Year and Model and We Will Ship Correct Control.

Radolek has in stock practically every Centralab Exact Duplicate Replacement Control for immediate delivery. Controls shown below are the most popular types and help you select the correct replacement by manufacturer's part number. If the control you need is not shown below, give set name, model number and other available information and we will make immediate shipment. Centralab controls have a uni-

versal reputation for superior performance and quality construction. Controls have improved characteristics over originals. Shafts exactly duplicate original and require no changes for installation. Switch type control will be supplied where original has switch. When ordering controls from Centralab Volume Control Guide, deduct 40% & 2% from list price to obtain your net price.



Radio Name and Part Number	Centralab Replace't	Your Price	Radio Name and Part Number	Centralab Replace't	Your Price	Radio Name and Part Number	Centralab Replace't	Your Price	Radio Name and Part Number	Centralab Replace't	Your Price
AIRLINE—See Wells-Gardner			GRUNOV-27687			PHILCO-Cont.			SPARTON-5663		
ATWATER-KENT-9510	72-112	\$0.88	2211905	2211905	\$1.18	33-5115, 33-5142-1	2015901	\$1.18	Models 69, 79A,	75-543	1.76
13020, 13320, 13550	72-112	.88	2211901	2211901	1.18	33-5116, 33-5120	2221909	1.18	101, 109, 110AC,		
15160	G-122	1.76	2211906	2211906	1.18	33-5121	D-258	.88	301, 591, 693,	1010963	.88
16270, 16630	G-121	1.76	2015900	2015900	1.18	33-5139, 33-5148	D-257	.88	930, 931		
17270	25-426	1.47							Models 89A, 103,		
1736, 21816	G-121	1.76	72-180	72-180	.88	33-5152	E-238	1.18	564, 570, 574, 600,	1010964	.88
BOSCH-99836			70-063	70-063	.88	33-5153, 33-5155	2221906	1.18	610, 620, 737, 740		
Model 28, 29	74-501	1.47	74-523	74-523	1.47	33-5155, 33-5166	R-103	.88	STEW.-WARN.		
	72-207	.88	4682, 8394	55-010	1.18	33-5202	D-257	.88	68033, 66389	30-010	.88
CLARION-P1813			55-014	55-014	1.18	33-5216	R-110	.88	STROMBERG CARLSON		
	55-004	1.18	24-016	24-016	.88	33-5224, 33-5225	R-110	.88	Models 846, 848	72-205R*	.88
CROSLEY-7022			72-177	72-177	.88	33-5232, 33-5233	R-110	.88		72-206F*	.88
7504	72-019	.88	4094, 5039	74-579	1.47	33-5511, 38-5290	E-237	1.18	*Front and rear controls are matched, do not purchase separately.		
23618A	2111905	1.18	5232	74-559	1.47	33-5534, 38-5058	E-236	1.18			
DELCO-1210545			7439	2021906	1.18	38-5534, 38-5606	E-236	1.18			
1200040, 1202073	R-108	.88	2021901	2221906	1.18	38-6605, 38-6786	R-110	.88			
1211774	74-517	1.47	2221903	2221903	1.18	RCA-VICTOR					
GEN. ELECT. Also See RCA			33-5022 (360M)	2221900	1.18	3092, 3094	1210900	.88	WELLS-GARDNER-917	74-509	1.47
RV-028, -029, -030	R-109	.88	33-5022 (360M)	2221900	1.18	4790, 72291-7	2211903	1.18	36X200	9011005	1.18
36X200	9011005	1.18	33-5055	2021909	1.18	5018	S-103	1.18	36X204	5011004	1.76
Series E61 to 106	S-101	1.18	33-5066	2221901	1.18	6612, 6695	D-256	.88	36X206, 36X210	5011005	1.76
GREBE-SK4AC	74-515	1.47	33-5067, 33-5088	2221904	1.18	11205, 12861	1210913	.88	36X217	S-106	1.18
			33-5068, 33-5102	2221900	1.18	12365	R-100	.88	36X221	S-107	1.18
			33-5069	2221904	1.18	10450	1210912	.88	WESTINGHOUSE—See RCA—Victor		
			33-5105	1010959	.88	10450	1210912	.88	ZENITH-63-226	75-614	51.76
			33-5106-2	2221910	1.18	62895	74-524	1.47	63-227	62-042	1.18
			33-5108, 33-5110	2221906	1.18	62940	74-596	1.47	63-522	2211029	1.18
			33-5113	2221909	1.18	72291-46, 72558-44	1210912	.88	63-585	S-118	1.18
						72558-42, 72558-47	1210913	.88			

Taper Curve Chart

Curve 1. Uniform resistance change at either end of control. Used in any circuit where negligible amount of current flows through control as in voltage divider circuits.

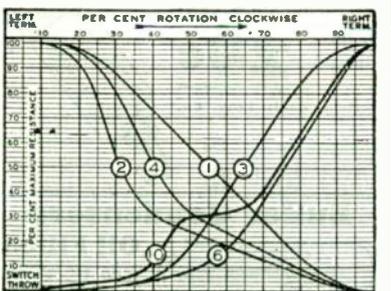
Curve 2. Current type control used as series rheostat in cathode, plate or screen grid circuits where current flows through control.

Curve 3. Combination Antenna-Cathode Bias type volume control. Controls bias of 1 or 2 tubes and also antenna input.

Curve 4. Same as curve 3 control but for higher current cathode circuits (controls cathode of 2 or more tubes and antenna input).

Curve 6. Proper control for use in antenna (low resistance types) and grid or tone control circuits (high resistance types) where little or no current flows through control.

Curve 10. Curve of tapped controls used in audio grid circuits having tone compensation.



Knurled Shaft Midget Radiohms

New midget controls with long 3/8" diameter brass knurled shafts. Shafts are slotted for easy cutting to length. Electrical and physical specifications are exactly similar to other midget controls listed on opposite page. Priced less switch. Uses attachable switch listed on opposite page.

Resist. Ohms	Cur.	Stock No.	Mfg. Code	Shaft Lgth.	List Price	Your Price
250M	6	C12950	NK-139	4"	\$1.00	59¢
500M	6	C12951	NK-140	4"	1.00	
1 Meg.	6	C12952	NK-141	4"	1.00	
2 Meg.	6	C12953	NK-142	3 3/4"	1.00	Each

Tapped Controls

Resist. Ohms	Cur.	Stock No.	Mfg. Code	Shaft Lgth.	List Price	Your Price
500M	10	C12954	NK-143	3 3/4"	1.50	86¢
1 Meg.	10	C12955	NK-144	3 3/4"	1.50	Each

Centralab Control Guide

Handy pocket size Volume Control Replacement Guide. 216 Pages covering every radio and model given manufacturer's part number. Also includes data on Power Rheostats, Attenuators, Resistors, etc.

A12458 YOUR PRICE 10¢

FREE with order for 5 or more Centralab Controls.

New RADOLEK Volume Controls

A new high quality series of replacement volume controls made for us by one of the oldest and foremost variable resistance manufacturers in the industry. Each All terminals are insulated. Lots of 5. Each, 25¢

lots from shaft and case. 1/4" Shafts, 1 1/2" long. 3/8" Bushing, 3/8" long. Two nuts included. For Taper explanation see curve chart at left.

Less Switch 28c

Low Resist. Wirewound Controls

Safely Dissipate 4 Watts

Wire element wound on fibre strip, fully insulated from case and shaft. Strong spring bronze contact rider. Body size, less switch: 1 1/8" Dia., 3/8" Deep.

Resistance Ohms	Taper	Stock Number	Resistance Ohms	Taper	Stock Number
10	1	A12600	3000	1	A12610
100	1	A12604	5000	1	A12631
200	1	A12605	5000	6	A12633
600	1	A12607	10000	1	A12633
1000	1	A12608	10000	6	A12632

High Resistance Carbon Controls

Rated 1 Watt

A dependable volume control. Smooth contact assures quiet operation. Body size, less switch; 1 1/8" Dia., 3/8" Deep.

Resistance Ohms	Taper	Stock Number	Resistance Ohms	Taper	Stock Number
5000	1	A12612	30000	6	A12622
10000	6	A12615	50000	1	A12623
10000	1	A12616	75000	2	A12624
10000	3	A12630	100000	6	A12625
15000	1	A12618	200000	6	A12626
20000	6	A12619	250000	6	A12627
25000	1	A12620	500000	6	A12628
25000	6	A12621	1 Mez.	6	A12629

Special Replacement Volume Controls

For RCA Victor Receivers

RCA Victor Models R32, RE45, RS2, RE75, R154, RE156

3,800 ohms each section. Replaces part number 70450 and Stackpole 77150-1.

A12860—List, \$2.50. YOUR PRICE 90¢

For Models R-14, R-15, RE-17, R-42 R-48 Part Number 7129

A dual type wire wound control. The exact control specified by R.C.A. for the above receivers.

A12859—List, \$2.50. YOUR PRICE \$1.14

For Philco Receivers

Philco Models 20, 20A, 21, 220, 40DC, 41DC, 42DC, 77, 77A. Philco Part No. 4094.

A12850. YOUR PRICE 92¢

Philco Models 70, 70A, 370A, 570, 90 (2-45), 90A (2-45), 470, 370A. (Part No. 5039.)

A12851. YOUR PRICE \$1.06

Genuine Philco Controls

Radolek can supply any Philco part. Give Philco part number and description and we will ship at lowest dealer price.

Snap-On Switches

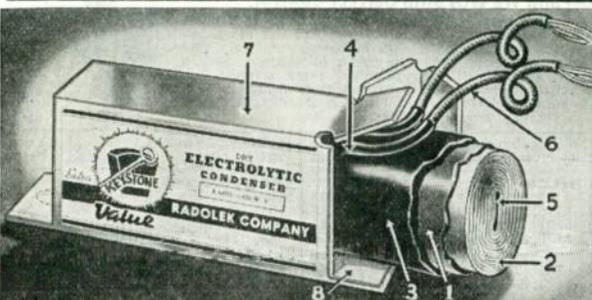
Converts any Universal Radolek Control into switch type. Underwriters' Approved Switch.

A12700—SPST—For Wirewound Controls. A12701—SPST—For H R Carbon Controls. YOUR PRICE 12c

Either Type.....

KEYSTONE Electrolytic CONDENSERS

WORLD'S GREATEST VALUES!



Compare These Construction Features

- Typical of all Keystone Condensers*
- 1-Condenser unit wound with highest quality aluminum foil, 99.8% pure.
 - 2-Two thicknesses of high-grade cellulose separators. Will stand-up under abnormal surge voltages.
 - 3-DOUBLE-SEALED. First, with a Moisture-proof "Bumidistat" Wrapper, then a coating of heat resistant mineral plastic over condenser unit.
 - 4-Terminal leads securely and permanently anchored to condenser unit. Special method of tab construction eliminates corrosion of leads.
 - 5-Machine wound insuring uniform capacity characteristics.
 - 6-Six inch insulated, push-back leads. Impregnated. Fully moisture-proof.
 - 7-Sturdy cardboard container. Wax impregnated. Will not deteriorate no matter how long you keep them in stock.
 - 8-Mounting tabs securely support condenser in place. May be cut off.
- Guaranteed for 1 Year!**
All Keystone Condensers are guaranteed for 1 full year! Should any fail to provide 12 months of satisfactory performance when operated at correct rated voltage, we will replace it, no charge. "KEYSTONES" are the world's finest condenser values!

Dry Electrolytics In Tab Cardboard Containers

8 MFD. 450 W.V. D.C. In Lots of 10 or More. **20c**
Assorted, Each.....
B7230—Size $\frac{1}{2} \times 1 \frac{1}{2} \times 2 \frac{3}{4}$ " In Single Lots, Each, 24c

Stock Number	Cap. Mfd.	Work. Volts	Peak Volts	Size Inches	No. of Leads	Price Each	In 10 Lots, Each
B7230	8	450	600	$\frac{1}{2} \times 1 \frac{1}{2} \times 2 \frac{3}{4}$	2	24c	20c
B7231	8x8	450	600	$1 \frac{1}{2} \times 1 \frac{1}{2} \times 2 \frac{3}{4}$	4	44c	38c
B7232	16x12 10x10 8x8	200 30 200	250 35 250	$1 \frac{1}{2} \times 1 \frac{1}{2} \times 2 \frac{3}{4}$	7	45c	39c
B7233	8x8 20	200 200	250 250	$1 \frac{1}{2} \times 1 \frac{1}{2} \times 2 \frac{3}{4}$	6	52c	45c

Dry Electrolytics In Inverted Stud Mounting Metal Containers



Same high quality as above Dry Electrolytic Condensers. Hermetically sealed in stud mounting metal tubular container. Condenser is insulated from container. 6" insulated wire leads. Lock nut included. 1" Dia. units mounts in $\frac{1}{8}$ " hole, others $\frac{3}{16}$ ". *With lug terminal; condenser is grounded to container.

8 MFD. 450 W.V. D.C. In Lots of 10, Each..... **27c**

Stock Number	Cap. Mfd.	Work. Volts	Peak Volts	Size Inches	No. of Leads	Price Each	In 10 Lots, Ea.
B7234	8	450	600	$1 \frac{1}{2} \times 3 \frac{1}{2}$	2	29c	27c
B7110	8	450	600	$1 \frac{1}{2} \times 3 \frac{1}{2}$	2	29c	27c
C7106	8*	450	600	$1 \frac{1}{2} \times 3 \frac{1}{2}$	1 LUG	38c	34c
C7179	16	450	600	$1 \frac{1}{2} \times 3 \frac{1}{2}$	2	45c	40c
B7235	8x8	450	600	$1 \frac{1}{2} \times 3 \frac{1}{2}$	4	52c	48c

Dry Electrolytics in Round Cardboard Containers—Spade Lugs

Moisture-proof cardboard aluminum coated containers. Sealed with high melting point compound. Mounting lugs take 6/32 nuts. 6" Long insulated wire leads.

8x8 MFD. 450 W.V. D.C. In Lots of 10, Each..... **38c**

Stock Number	Cap. Mfd.	Work. Volts	Peak Volts	Size Inches	No. of Leads	Price Each	In 10 Lots, Ea.
B7236	8x8	450	600	$1 \frac{1}{2} \times 3 \frac{1}{2} \times \frac{1}{2}$	4	44c	38c
B7237	16x12 10x10 8x8	200 30 200	250 35 250	$1 \frac{1}{2} \times 2 \frac{3}{4}$	7	45c	39c
B7238	16x12	200	250	$1 \frac{1}{2} \times 2 \frac{3}{4}$	4	40c	34c



New "Mini-Mikes" Elec'tyics



8 Mfd. 450 W.V. D.C. In Lots of 10 YOUR PRICE EACH ... **23c**
In Single Lots, Each, 25c

16 Mfd. 150 W.V. D.C. In Lots of 10 YOUR PRICE EACH ... **20c**
In Single Lots, Each, 22c

35 W.V. D.C. In Lots of 10 YOUR PRICE EACH ... **18c**
In Single Lots, Each, 20c

Aluminum Containers Enclosed in Fibre Tubes
Latest development in dry electrolytics. Fit into smallest spaces. Full capacity. Low leakage. Low R.F. impedance. Will withstand high surges and high temperatures. Hermetically sealed. Absolutely protected against "blow-ups." Will not deteriorate no matter how long you keep them in stock.

Cap. Mfd.	Work Volts	Peak Volts	Dimensions	Long	Stock Num.	List Price	Price Each	In Lots of Ten Each
4	450	525	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2}$	D7129	\$0.55	24c	22c
8	450	525	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2}$	D7181	.60	25c	23c
16	450	525	$1 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{3}{4}$	D7132	.90	39c	37c
8	250	300	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2}$	D7137	.50	22c	20c
16	250	300	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2}$	D7139	.75	33c	31c
16	150	200	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2}$	D7182	.50	22c	20c
20	150	200	$1 \frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2}$	D7142	.60	26c	24c
10	35	50	$\frac{1}{2} \times \frac{1}{2}$	$1 \frac{1}{2}$	D7183	.40	20c	18c
16-18	200	250	$1 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{3}{4}$	D7148	1.05	45c	42c
8-8	450	525	$1 \frac{1}{2} \times \frac{1}{2}$	$2 \frac{3}{4}$	D7149	1.00	44c	42c

Wet Electrolytic Condensers With Inverted Stud Mounting

These Keystone High-Grade Wet Electrolytic Condensers are now offered in popular capacities at such low prices that they make the hazards of using "job-lot" wets not worth the small difference in cost. Self-healing, they withstand high voltage overloads without harm. PROPERLY WANTED, Leak-proof. Long-life. Aluminum can is negative.

8 MFD. 500 V. DC In Lots of 10, Each **29c**

Stock Num.	Cap. Mfd.	D.C. Volts	Size Inches	Fits Hole	Price Each	In 10 Lots, Ea.
D7250	8	500	$1 \times 4 \frac{1}{2}$	$\frac{1}{2}$	36c	29c
D7251	8	500	$1 \frac{1}{2} \times 4 \frac{1}{2}$	$\frac{1}{2}$	36c	29c
D7254	8	500	$1 \frac{1}{2} \times 4 \frac{1}{2}$	$\frac{1}{2}$	36c	29c
D7252	16	500	$1 \frac{1}{2} \times 4 \frac{1}{2}$	$\frac{1}{2}$	45c	39c
D7253	25	500	$1 \frac{1}{2} \times 4 \frac{1}{2}$	$\frac{1}{2}$	55c	49c



Tubular Condensers

Paper Dielectric Wax Filled Carefully made of finest materials. Wax impregnated and hermetically sealed in tubular fibre cases. 1 1/2" Leads. Sizes vary from 1 1/2" to 2 1/2" long and 1/2" to 1 1/2" in diameter. Guaranteed 1 year.

Stock Number	Cap. Mfd.	D.C. Wkg. Volts	Price Each	In Ten Lots Ea.
C5883	.001	600	6c	5c
C5886	.006	600	6c	5c
C5887	.01	600	6c	5c
C5888	.02	600	6c	5c
C5889	.03	600	7c	6c
C5890	.05	600	7c	6c
C5868	.1	400	8c	7c
C5870	.25	400	10c	9c
C5871	.5	400	14c	13c
C5875	1.	400	20c	19c
C5893	.1	600	9c	8c
C5895	.25	600	12c	10c
C5896	.5	600	17c	16c

Tubular Condensers

1000 W.V. DC 3000 Volts Peak Polystyrene Dielectric Wax Filled

Though rated at 3000 D.C. volts peak, these condensers are no larger than the usual 600 W.V. type yet have a longer life. These quality tubular condensers offer you a safe, replacement for radio receivers, power amplifiers, etc. 1 1/2" Tinned wire leads. Completely hermetically sealed.

Stock Num.	Cap. Mfd.	Size	Price Each	In Ten Lots, Ea.
D8550	.001	$\frac{3}{4} \times 1 \frac{1}{2}$	9c	8c
D8551	.002	$\frac{3}{4} \times 1 \frac{1}{2}$	9c	8c
D8552	.003	$\frac{3}{4} \times 1 \frac{1}{2}$	9c	8c
D8553	.005	$\frac{3}{4} \times 1 \frac{1}{2}$	9c	8c
D8554	.008	$\frac{3}{4} \times 1 \frac{1}{2}$	9c	8c
D8555	.01	$\frac{3}{4} \times 1 \frac{1}{2}$	9c	8c
D8556	.02	$\frac{3}{4} \times 1 \frac{1}{2}$	9c	8c
D8557	.05	$\frac{3}{4} \times 1 \frac{1}{2}$	12c	11c
D8558	.1	$\frac{3}{4} \times 1 \frac{1}{2}$	15c	14c
D8559	.25	$\frac{3}{4} \times 2$	21c	19c
D8560	.5	$\frac{3}{4} \times 2$	29c	26c

Buffer Condensers

Oil Filled 1600 W. V. DC Paper Dielectric Metal Shell Type

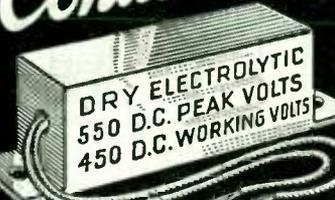
Finest quality oil impregnated and oil filled paper dielectric condensers. Securely sealed in compact round metal containers and fully insulated, with waxed cardboard tube overall. Container is grounded to one lead. Impervious to moisture. Extremely compact.

Stock Number	Cap. Mfd.	Size Dia.xL.	Net Each	In Ten Lots Ea.
C8750	.005	$\frac{1}{2} \times 1 \frac{1}{2}$	19c	17c
C8751	.01	$\frac{1}{2} \times 1 \frac{1}{2}$	24c	22c
C8752	.02	$\frac{1}{2} \times 1 \frac{1}{2}$	27c	25c
C8753	.005	$\frac{1}{2} \times 1 \frac{1}{2}$	16c	14c
C8754	.01	$\frac{1}{2} \times 1 \frac{1}{2}$	18c	16c
C8755	.02	$\frac{1}{2} \times 1 \frac{1}{2}$	21c	19c

Wax Filled Type—1600 Volt
An economical and commonly used type. Constructed with oil impregnated paper windings, placed in a treated fibre tube, then thoroughly sealed with wax. Tinned copper wire leads.

Note: All Condensers On This Page May Be Assorted To Obtain Ten Lot Price

Bargain Condensers



Dry Electrolytics 450 D.C. Working Volts —550 Peak

Compact Dry Electrolytic Condensers. Housed in sturdy cardboard containers. Mounting flanges. Long insulated wire leads. Built to a high standard by a reputable manufacturer. Fully guaranteed.

8 Mfd.

R7202—8 Mfd. at 450 Volts. Body size: 2 3/4" long, 1 1/4" wide, and 1 1/2" high. Length with flanges: 3 3/4".
YOUR SPECIAL PRICE, EACH..... 14c
10 for \$1.22 25 for \$3.09

8-8 Mfd.

R7203—Dual 8 Mfd. at 450 Volts. 4 leads. Body size: 2 3/4" long, 1 1/4" wide and 1 1/2" high.
YOUR SPECIAL PRICE, Each..... 33c
10 for \$2.90

16-8-5-5 Mfd.

R7228—For AC-DC receivers. 16-8 Mfd. at 200 DC working volts and 5-5 Mfd. at 35 DC working volts. Has 7 leads. Body size: 3" long, 1 1/4" wide and 1 1/2" high.
YOUR SPECIAL PRICE, Each..... 34c
10 for \$3.15

Mica Condensers

Suitable for all by-passing uses. Compact, molded by a reliable case. Moisture proof. Tinned Wire Leads. Size 3/4" Square.

Stock Number	Cap. Mfd.	Your Price
K8505	.000025	Each 6c
K8506	.00004	
K8507	.00005	
K8508	.0001	
K8509	.00015	
K8510	.0002	10 for 55c
K8511	.00025	Each 8c
K8512	.0003	
K8513	.0004	
K8514	.0005	
K8515	.00075	
K8516	.001	Each 10c
K8517	.0015	
K8518	.002	Each 12c
K8519	.0025	
K8520	.003	Each 12c
K8521	.004	

By-Pass Condensers

Metal Cased
Best quality paper dielectric. Hermetically sealed in metal containers. Metal foil elements. Size 1/2"x1 1/2" inches.

Stock Number	Cap. Mfd.	D.C. Working Volts	Your Price
K8628	.05	400	12c
K8629	.1	400	15c
K8630	.25	400	19c
K8631	.5	400	22c
K8632	1-1	400	26c
Size 1 1/2"x2 1/2" inches.			
K8637	.25-25	400	30c
K8638	.5-5	400	37c
K8633	1	400	31c
K8636	1	600	39c

Sprague "ATOMS" Midget Dry Electrolytics Etched Foil Type 450 V. Wkg.—525 V. Peak



Unconditionally guaranteed. Extremely low leakage. High surge voltage. Low power factor. The smallest sized condensers of their capacity. Hermetically sealed in metal tubular containers (single units only) insulated with impregnated fiberglass. Absolutely protected against "Blow-up." Sturdy solid wire leads support condenser in any position and offer quicker and easier mounting. Uniform size lengths permit several of these condensers to be bound in one unit with strap listed below.

Stock Number	Cap. Mfd.	Container Diam.	Length	List Price	Your Price
A8294	4	3/8"	1-3/4"	\$0.55	32c
A8295	5	3/8"	1-5/8"	.70	35c
A8296	12	3/8"	1-7/8"	1.44	75c
A8297	16	3/8"	2-1/8"	.90	53c
A8298	20	3/8"	2-1/8"	1.00	59c
A8272	8-8	1 1/2"	2-3/8"	1.05	62c
C8274	8-8†	1 1/2"	2-3/8"	1.35	79c

*3 leads, com. neg. †4 Leads Sep. Sections.

Low Voltage "Atoms" Ideal for Compact Radio Receivers Save Time! Money! Space!

Handy compact condenser units for use in any bypass or filter circuit. 150-200 Volt types are especially designed for the midget AC-DC type receivers. 25-50 Volt types are for by-pass work.

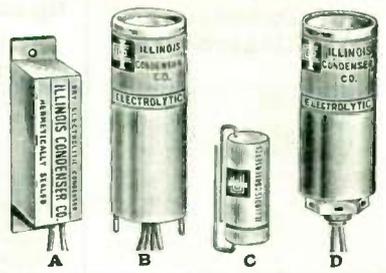
Stock Number	Cap. Mfd.	Work. Volts	Container Diam.	Long	List Price	Your Price
A8281	10	25	1/2"	1 1/4"	\$0.40	24c
A8282	25	25	1/2"	1 1/4"	.50	29c
C8255	10	50	1/2"	1 1/4"	.45	27c
A8283	25	50	1/2"	1 1/4"	.55	32c

Stock Number	Cap. Mfd.	Work. Volts	Container Diam.	Long	List Price	Your Price
A8284	4	150	3/8"	1 1/4"	.40	24c
A8285	8	150	3/8"	1 1/4"	.45	26c
A8286	12	150	3/8"	1 1/4"	.50	29c
A8287	16	150	3/8"	1 1/4"	.55	32c
A8288	20	150	3/8"	1 1/4"	.60	35c
A8289	40	150	3/8"	1 1/4"	.65	38c

Dual Cardboard Tubulars

Stock Number	Cap. Mfd.	Work. Volts	Container Diam.	Long	List Price	Your Price
C8299	10-10	50	3/8"	2 1/4"	.80	47c
C8256	8-8	150	3/8"	2 1/4"	.80	47c
C8257	20-20	150	3/8"	2 1/4"	1.05	62c
C8200	8-16	250	3/8"	2 1/4"	1.05	62c
C8273	16-16	200	3/8"	2 1/4"	1.05	62c
C8201	8-16	450	3/8"	2 1/4"	1.35	79c

ILLINOIS Dry Electrolytic Condensers



Illinois condensers are known for their uniformly high quality. They are produced in a modern factory employing special forming and sealing equipment. Skilled engineering results in close control, with accurate capacities and low power factor. Only pure chemicals and the finest of raw materials are used. Multiple units have separate leads for each section. **FRESH STOCK. PACKED IN INDIVIDUAL CARTONS.**

A—Rectangular Cardboard Case

Cap. Mfd.	Stock Num.	Peak Volts	Size Inches	Price Each	In Ten Lots Each
8	D8756	600	2 1/4 x 1 1/4 x 1 1/4	37c	33c
8-8	D8778	600	2 1/4 x 1 1/4 x 1 1/4	29c	26c
8-8	D8757	600	3 x 1 1/4 x 1 1/4	59c	53c
16-12	D8758	250	3x1x1 1/4	53c	47c
8-8	D8759	250	3x1x1 1/4	75c	67c
16-12/10-10	D8760	250	3x1x1 1/4	65c	58c

B—Lug Mtg. Cardboard Container

Cap. Mfd.	Stock Num.	Peak Volts	Size Inches	Price Each	In Ten Lots Each
8-8	D8761	600	1 1/2 x 3 1/4	59c	53c
16-12	D8762	250	1 1/2 x 3 1/4	49c	44c
10-10	D8763	35	1 1/2 x 3 1/4	65c	58c

C—Tubular Cardboard Container

Cap. Mfd.	Stock Num.	Peak Volts	Size Inches	Price Each	In Ten Lots Each
8	D8764	250	1 1/2 x 1 1/2	29c	26c
16	D8766	250	1 1/2 x 1 1/2	41c	37c
10	D8765	35	1 1/2 x 1 1/2	19c	17c
10-10	D8767	35	1 1/2 x 1 1/2	25c	23c

D—Inverted Stud Mounting Metal Case

Cap. Mfd.	Stock Num.	Peak Volts	Size Inches	Price Each	In Ten Lots Each
8	D8768	600	1 1/2 x 3 1/4	41c	37c
8-8	D8779	600	1 1/2 x 3 1/4	41c	37c
8-8	D8769	600	1 1/2 x 3 1/4	63c	56c

NOTE: May be assorted to obtain ten lot Price.

Special Value Tubular Condensers Paper and Foil Type

Wax impregnated. Tubular fibre cases. 1 1/2" wire leads. 2 1/4" long. 1/2" to 1 1/4" diam.

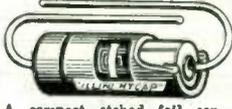
Stock Num.	Cap. Mfd.	Work. Volts	Price Each	Ten for
K8605	.001	600	3c	29c
K8606	.002	600		
K8607	.004	600		
K8608	.006	600	4c	39c
K8609	.01	600		
K8610	.02	600	4c	39c
K8611	.05	600		
K8612	.1	600	5c	45c
K8613	.25	400	7c	69c
K8614	.5	400	10c	90c
K8617	1.0	400	15c	\$1.35
K8615	.25	600	9c	85c
K8616	.5	600	13c	\$1.17

Uncased Replacement Condenser Sections

Wax-sealed, paper dielectric. Guaranteed for one full year—free replacement when used under proper conditions. 8" Insulated leads.

Stock Num.	Cap. Mfd.	DC Wkg. Volts	Size Inches	Your Price
C8620	.5	300	2 1/4 x 1 1/4 x 1 1/4	11c
C8621	1	300	2 1/4 x 1 1/4 x 1 1/4	18c
C8622	2	300	2 1/4 x 1 1/4 x 1 1/4	29c
C8623	.5	500	2 1/4 x 1 1/4 x 1 1/4	18c
C8624	1	500	2 1/4 x 1 1/4 x 1 1/4	28c
C8625	2	500	2 1/4 x 1 1/4 x 1 1/4	54c
C8626	1	600	2 1/4 x 2 1/4 x 1 1/4	33c
C8627	2	600	2 1/4 x 2 1/4 x 1 1/4	50c

"Illini Hy-Cap" Tubular Electrolytics



A compact etched foil condenser which has full capacity and voltage rating. Metal case with varnished bristol-board insulating sleeve.

Stock No.	Cap. Mfd.	Wkg. Volts	Size Inches Dia. x Len.	Price Each	In 10 Lots Ea.
D8770	8	450	5/8 x 1 1/4	24c	22c
D8771	8x8*	450	1 x 3/4	41c	37c
D8772	16	150	1 1/4 x 1 1/4	22c	20c
D8773	24	150	1 1/4 x 1 1/4	24c	22c
D8774	40	150	1 1/4 x 1 1/4	28c	25c
D8775	20x20*	50	1 1/4 x 2 1/4	45c	40c
D8776	25	50	1 1/4 x 1 1/4	22c	20c
D8777	10	25	1 1/4 x 1 1/4	15c	14c

*4 separate leads.

High Voltage Paper Condensers To Replace Electrolytic Units



For replacing defective electrolytics of the values specified below. Cardboard containers are identical in size and appearance to electrolytic units. 6" long heavy insulated leads. All single units have 1 Pos., and 1 Neg., lead. Dual condensers have 2 Pos., and 2 Neg., leads. Non-inductive.

475 DC Wkg. Volts—600 Peak

Stock Number	Cap. Mfd.	Size L. W. D.	Your Price
K8420	2	4 1/4 x 1 1/4 x 1 1/4	\$0.44
K8421	4	4 1/4 x 1 1/4 x 1 1/4	.50
K8422	8	4 1/4 x 1 1/4 x 1 1/4	.62
K8425	8-8	4 1/4 x 1 1/4 x 2 1/4	1.06

600 DC Wkg. Volts—1000 Peak

Stock Number	Cap. Mfd.	Size L. W. D.	Your Price
K8426	2	4 1/4 x 1 1/4 x 1 1/4	\$0.56
K8427	4	4 1/4 x 1 1/4 x 1 1/4	.68
K8428	8	4 1/4 x 1 1/4 x 1 1/4	.88
K8429	4-4	4 1/4 x 1 1/4 x 1 1/4	1.09
K8430	8-8	4 1/4 x 1 1/4 x 2 1/4	1.44



Inverted Stud Mounting Aluminum Container

To replace electrolytics. Identical in size and appearance to standard electrolytics in the aluminum can. Neutral container 6" long insulated leads. All single units have 1 Pos., and 1 Neg., lead. Dual units have 2 Pos., and 2 Neg., leads. Non-inductive. If grounded container is desired the negative lead may be connected directly to the chassis.

475 DC Wkg. Volts—600 Peak

Stock Number	Cap. Mfd.	Size Diam. H.	Your Price
K8432	8	1 1/4 x 1 1/4	\$0.76
K8434	8-8	1 1/4 x 2 1/4	1.32

600 DC Wkg. Volts—1000 Peak

Stock Number	Cap. Mfd.	Size L. W. D.	Your Price
K8435	4	1 1/4 x 1 1/4	\$0.82
K8436	8	1 1/4 x 1 1/4	1.00
K8437	8-8	1 1/4 x 2 1/4	1.56

NOTE: Capacities given are sizes of electrolytics replaced and NOT actual capacity of Paper Condenser quoted.

ELECTROLYTIC AEROVOX CONDENSERS

Tubular Dry Electrolytics



Plain foil type. Will stand up longer than etched foil and should therefore be used in preference where condenser is subject to hard service. Housed in cardboard tube containers. Completely sealed. Light and compact. 2 1/2" leads. Single section—2 leads. Double section—3 leads.

PR450—450 D.C. Working Volts

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A7873	2	1/2 x 2 1/2	38¢
A7874	4	1/2 x 2 1/2	44¢
A7875	8	1/2 x 2 1/2	56¢

PR100—100 D.C. Working Volts

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
D7862	10	1/2 x 2 1/2	41¢
A7870	25	1/2 x 2 1/2	56¢

PR50—50 D.C. Working Volts

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A7864	5	1/2 x 2 1/2	29¢
A7865	10	1/2 x 2 1/2	38¢
A7867	20	1/2 x 2 1/2	47¢
A7858	25	1/2 x 2 1/2	70¢
D7863	5-5	1/2 x 2 1/2	44¢

PR25—25 D.C. Working Volts

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A7859	5	1/2 x 2 1/2	29¢
A7859	10	1/2 x 2 1/2	29¢
A7857	20	1/2 x 2 1/2	35¢
A7862	25	1/2 x 2 1/2	38¢
D7871	10-0	1/2 x 2 1/2	44¢

Cartridge Condensers

Paper Di-electric Non-inductively wound. Wax impregnated. 2 1/2" leads.



Type 284 — Type 484

200 Volt — Type 484 400 Volt

Stock Number	Your Price	Cap. Mfd.	Stock Number	Your Price
A7890	8¢	001	A7908	9¢
A7891	8¢	002	A7909	9¢
A7892	8¢	005	A7910	9¢
A7893	8¢	006	A7911	9¢
A7894	8¢	01	A7912	9¢
A7895	8¢	015	A7913	9¢
A7896	8¢	02	A7914	9¢
A7897	8¢	03	A7915	9¢
A7898	8¢	05	A7916	9¢
A7899	11¢	1	A7917	12¢
A7901	14¢	25	A7918	15¢
A7902	21¢	5	A7920	21¢
A7903	23¢	10	A7921	23¢

Type 684 — Type 1084

600 Volt — Type 1084 1000 Volt

Stock Number	Your Price	Cap. Mfd.	Stock Number	Your Price
A7926	9¢	001	A7937	12¢
A7934	9¢	002	A7943	12¢
A7935	9¢	005	A7944	12¢
A7927	9¢	006	A7938	12¢
A7923	9¢	01	A7939	12¢
A7929	9¢	02	A7940	15¢
D7936	12¢	03	A7941	21¢
A7931	15¢	1	A7942	29¢
A7932	12¢	25		
A7933	29¢	5		
D7925	47¢	10		

Vibrator Condensers

Type 1684

2200 D.C. Peak Volts 1600 D.C. Working Volts

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A7960	.005	1/2 x 1 1/2	21¢
A7954	.007	1/2 x 1 1/2	21¢
A7955	.01	1/2 x 1 1/2	21¢
A7956	.01	1/2 x 2	21¢
A7957	.03	1/2 x 2	24¢
A7958	.04	1/2 x 2	24¢
A7959	.05	1/2 x 2	26¢

Auto Filter Condensers



Kills static from generators and electrical accessories.

C7945—Type 1140. .5 mfd. 1/2 x 2".

C7946—Type 1120. 1 mfd.

Ford Distributor Type

Fits bolts on Ford distributor cap.

C7953—Type 1144. C7947 — Type For 1937-38-'39, 1150. For 1936.

YOUR PRICE, Each

All Types 29¢

Space-Saver Midget Dry Electrolytics

For use where space is limited. New etched foil process allows same capacity as larger units without lowering wkg. volts rating or service life. Adjustable brackets cover a wide range of mounting requirements.



Type PBS450

525 Volts Peak, 450 Volts Working

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	List Price	Your Price
A7974	2	1/2 x 3/4 x 2 1/2	\$0.65	38¢
A7975	4	1/2 x 1 x 2 1/2	.75	44¢
A7976	6	1/2 x 1 1/4 x 2 1/2	.90	52¢
A7977	8	1/2 x 1 1/2 x 2 1/2	.95	55¢
A7978	10	1/2 x 1 3/4 x 3 1/2	1.15	67¢
A7977	12	1/2 x 1 3/4 x 3 1/2	1.30	76¢
A7963	16	1/2 x 1 3/4 x 3 1/2	1.45	85¢

PBS450—525 Peak, 450 W.V. Double Section—4 Leads

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A7978	4-4	1/2 x 1 1/4 x 2 1/2	\$0.70
A7979	4-8	1/2 x 1 1/4 x 2 1/2	.79
A7980	8-8	1/2 x 1 1/4 x 2 1/2	.88
A8085	8-16	1/2 x 1 1/4 x 3	1.11

Triple Section—6 Leads

A7981	8-8-8	1/2 x 1 1/4 x 3	1.29
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Wet Electrolytics



High capacity. Compact size. Self healing feature instantly reforms condenser when subjected to high surge voltages. Double sealed vent provides outlet for gas pressure and prevents leakage of liquid electrolyte. Conductor is negative. Lug terminal. Stud mounts in 1/2 inch hole.

PG500—500 Volts Surge

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A8036	4	1 1/2 x 3 1/2	\$0.47
A8046	6	1 1/2 x 3 1/2	.50
A8037	8	1 1/2 x 3 1/2	.56
A8038	12	1 1/2 x 3 1/2	.67
A8039	16	1 1/2 x 4	.79
A8048	18	1 1/2 x 4	.88
A8040	20	1 1/2 x 4 1/2	1.00
A8041	30	1 1/2 x 4 1/2	1.18
D8042	40	1 1/2 x 4 1/2	1.12

PG600—600 Volts Surge

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
D8000	4	1 1/2 x 3 1/2	\$0.79
D8001	8	1 1/2 x 4 1/2	.88
D8002	16	1 1/2 x 4 1/2	1.18

PGM500—500 Volts Surge

Same as PG500 series above, except smaller in diameter.

D8003	8	1 1/2 x 3 1/2	\$0.56
D8004	16	1 1/2 x 4 1/2	.75

Uncased Replacement Condensers



Impregnated Paper Di-electric For replacing "blown" condenser block sections in filter circuits. Non-inductively wound. 8 inch wire leads.

UC400—400 Working Volts

Stock Number	Cap. Mfd.	Dimensions Ht. Wd. D.	Net
A7880	.1	2 x 7/8 x 1 1/2	21¢
A7882	.5	2 x 1 1/2 x 1 1/2	29¢
A7883	1	2 x 1 1/2 x 1 1/2	44¢

UC600—600 Working Volts

A7885	1	3 1/4 x 1 1/2 x 1 1/2	53¢
A7886	2	3 1/4 x 1 1/2 x 1 1/2	59¢

UC1000—1000 Working Volts

A7888	1	4 3/8 x 1 1/2 x 1 1/2	88¢
A7879	2	4 3/8 x 2 1/4 x 1 1/2	1.47

Paper Replacements for Electrolytics



High grade paper dielectric sections in aluminum case (PWC) or cardboard case (PWP). Used to replace electrolytics where subjected to high AC component or high surge peaks. Capacity used is actually less than electrolytic being replaced but is adequate due to improved filtering action.

PBS250—300 V. Peak, 250 W.V.

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A7967	8	1/2 x 1 1/4 x 2 1/2	47¢
A7968	10	1/2 x 1 1/4 x 2 1/2	53¢
A7970	16	1/2 x 1 1/4 x 2 1/2	61¢
A8095	20	1/2 x 1 1/4 x 2 1/2	70¢

PBS250—300 V. Peak, 250 W.V. Double Section—4 Leads

A7972	8-8	1/2 x 1 1/4 x 2 1/2	73¢
A8087	8-16	1/2 x 1 1/4 x 2 1/2	85¢
A8088	12-16	1/2 x 1 1/4 x 2 1/2	94¢
A8089	16-16	1/2 x 1 1/4 x 2 1/2	97¢

Triple Section—6 Leads

A8090	8-8-8	1/2 x 1 1/4 x 2 1/2	\$1.11
A8091	8-8-16	1/2 x 1 1/4 x 2 1/2	1.23

Dry Electrolytics

Cardboard Containers



For heavy duty service. Plain foil type. Each section has 8" polarity color coded leads.

PB450—525 V. Peak, 450 Whg.

Stock Number	Cap. Mfd.	Size Inches Dia. x Long	Your Price
A8015	2	1 1/2 x 1 1/4 x 2 1/2	38¢
A8016	4	1 1/2 x 1 1/4 x 2 1/2	44¢
A8020	8	1 1/2 x 1 1/4 x 2 1/2	56¢
A8013	16	1 1/2 x 1 1/4 x 2 1/2	85¢

PBM450—Duals—4 Leads

A8021	8-8	1 1/2 x 1 1/4 x 2 1/2	88¢
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PB475—600 V. Peak, 475 Whg.

A8012	8	1 1/2 x 1 1/4 x 2 1/2	79¢
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Stud Mounting Dry Electrolytics



Aluminum containers. Diameter of all units 1 1/2". Separate 6 color coded leads brought out from each section. *Positive lug connection negative grounded to can. †Positive and Negative lug connections, can is insulated from condenser.

GL600—600 V. Surge, 600 Whg.

Stock Number	Cap. Mfd.	Size Inches Dia. x Hgt.	Your Price
A7961	4	1 1/2 x 1 1/2	\$1.09
A7962	8	1 1/2 x 1 1/2	1.53

GL450—525 V. Surge, 450 W.V.

A7982	4	1 1/2 x 3	.50
A7983	8	1 1/2 x 4	.62
C7988	8	1 1/2 x 4 1/2	.62
C7991	8	1 1/2 x 4 1/2	.62
A8025	16	1 1/2 x 4 1/2	.91

2GL450—Double Section

A7984	4-4	1 1/2 x 3	.76
A7986	8-8	1 1/2 x 4	.94
A8026	8-16	1 1/2 x 4	1.18

3GL450—Triple Section

A8027	4-4-4	1 1/2 x 3	1.11
A7987	8-8-8	1 1/2 x 4 1/2	1.41

PWC600—800 V. Peak, 600 Whg.

Stock Num.	Rep'l Mfd.	Act. Mfd.	Size D. x L.	Your Price
D8050	4	2	1 1/2 x 4 1/2	\$0.79
D8051	8	2.75	1 1/2 x 4 1/2	1.03
D8052	8-8	1.75	1 1/2 x 4 1/2	1.65

PWP600—800 V. Peak, 600 Whg.

D8053	4	2	1 1/2 x 4 1/2 x 1 1/2	.94
D8054	8	3	1 1/2 x 4 1/2 x 1 1/2	.94

DANDEES

Miniature Electrolytics

Etched Foil Type



Size reduced to smallest proportions consistent with full rated capacity and voltage. For crowded places where maximum capacity and working voltage must be squeezed into minimum bulk. Aluminum can electrically insulated by special varnished paper jacket. Properly vented. Excessive gas pressure escapes.

PRS450—450 Working Voltage

Stock Number	Cap. Mfd.	Size Inches Dia. x Long
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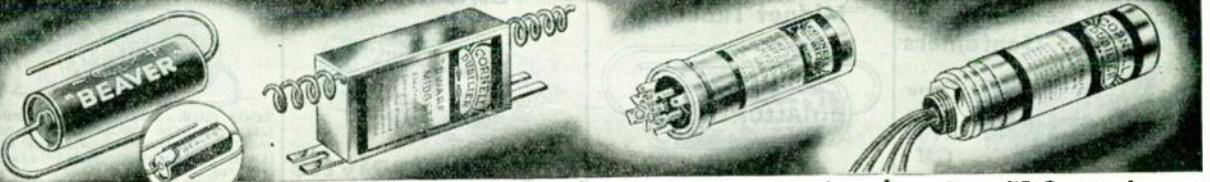
CORNELL

Replacement



DUBILIER

Condensers



Blue Beaver Midget Electrolytics

Type BR Tubulars
In spite of its extremely small size, full capacity and voltage ratings are built into this unit. Will fit tight spaces where other condensers will not. Gang the individual units and use to replace exact duplicates. Contained in an all-aluminum tube protected by varnished cardboard sleeve. Properly vented to allow escape of gases. 3" Wire Leads.

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8800	10	25	50	3/4x1 1/4	\$0.24
C8801	20	25	50	3/4x1 1/4	.26
C8802	25	25	50	3/4x1 1/4	.29
C8803	50	25	50	3/4x1 1/4	.35

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8804	5	50	75	3/4x1 1/4	.26
C8805	10	50	75	3/4x1 1/4	.29
C8806	20	50	75	3/4x1 1/4	.32
C8807	25	50	75	3/4x1 1/4	.32
C8808	50	50	75	3/4x1 1/4	.41

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8809	4	150	200	3/4x1 1/4	.24
C8810	8	150	200	3/4x1 1/4	.26
C8811	12	150	200	3/4x1 1/4	.29
C8812	16	150	200	3/4x1 1/4	.32
C8813	20	150	200	3/4x1 1/4	.35
C8814	40	150	200	3/4x2	.41

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8815	4	250	300	3/4x1 1/4	.26
C8816	8	250	300	3/4x1 1/4	.29
C8817	12	250	300	3/4x2	.38
C8818	16	250	300	3/4x1 1/4	.44
C8819	20	250	300	3/4x1 1/4	.47
C8820	40	250	300	3/4x2	.56

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8821	4	350	400	3/4x1 1/4	.29
C8822	8	350	400	3/4x1 1/4	.32
C8823	12	350	400	3/4x2	.41
C8824	16	350	400	3/4x2	.47

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8825	4	450	525	3/4x1 1/4	.32
C8826	8	450	525	3/4x2	.35
C8827	12	450	525	3/4x2	.44
C8828	16	450	525	3/4x2	.53
C8829	20	450	525	1 x 2 3/4	.59

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8830	8	500	600	1 x 2 3/4	.76
C8831	16	500	600	1 x 2 3/4	.76

Type BR Dual Beavers With Common Negative Lead

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8832	10-10	25	50	3/4x2 1/4	\$0.41
C8833	10-10	50	75	3/4x2 1/4	.48
C8834	8-8	150	200	3/4x2 1/4	.47
C8835	8-8	150	200	1 1/4x2 1/4	.50
C8836	20-20	150	200	3/4x2 1/4	.62

Stock Num.	Cap. Mfd.	DC Volts	Peak	Size In. WxHxD	Your Price
C8837	8-16	250	300	3/4x2 1/4	.62
C8838	16-16	250	300	1 x 2 3/4	.73
C8839	8-8	450	525	1 x 2 3/4	.62
C8840	8-16	450	525	1 1/4x3 1/4	.79

Inverted Stud Mounting Dry Electrolytics Type EB

In full sized aluminum containers. Preferred for quality repair jobs where there is plenty of space. Dual units are separate sections. All units are insulated from container. 3" Flexible wire leads. *Has single lug connection, container is negative. \$500 DC working volts, 875 volts surge.

Stock Num.	Cap. Mfd.	Size Inches Dia. x Lgth.	Your Price
C8841	4	1 1/4x2 1/4	\$0.50
C8842	8	1 1/4x2 1/4	.62
C8843	8*	1 3/4x4 1/4	1.03
C8844	8*	1 3/4x4 1/4	.62
C8845	12	1 1/4x4 1/4	.82
C8846	16	1 1/4x4 1/4	.91
C8847	4-8	1 1/4x4 1/4	.85
C8848	8-8	1 1/4x4 1/4	.94

Type JR Midget Dry Electrolytics

In Cardboard Containers

For use where space is limited. New electro-chemical etching process eliminates corrosion and assures full rated voltage and capacity. Multiple units have individual leads from each section. 8" Leads.

450 DC Wkg. Volts—525 Peak

Stock Num.	Cap. Mfd.	Size Inches LxWxH	Your Price
C8849	8	2 1/4x1 1/4x 1 1/4	\$0.56
C8850	12	2 1/4x1 1/4x1	.76
C8851	16	2 1/4x1 1/4x1 1/4	.85
C8852	8-8	2 1/4x1 1/4x1 1/4	.88
C8853	8-8-8	2 1/4x2 1/4x1 1/4	1.29

200 DC Wkg. Volts—250 Peak

Stock Num.	Cap. Mfd.	Size Inches LxWxH	Your Price
C8854	8	2 1/4x1 x 1 1/4	\$0.47
C8855	10	2 1/4x1 x 1 1/4	.55
C8856	12	2 1/4x1 1/4x 1 1/4	.58
C8857	16	2 1/4x1 1/4x 1 1/4	.64
C8858	8-8	2 1/4x1 1/4x1	.76
C8859	16-16	2 1/4x1 1/4x1	1.06
C8860	8-8-8	2 1/4x1 1/4x1	1.06

Type EH Large Size Dry Electrolytics

In Cardboard Containers



Rectangular cardboard container with cardboard mounting tab. Dual units are separate section with 4 leads. Triple unit has common negative 4 leads. 6" wire leads.

450 DC Wkg. Volts—525 Peak

Stock Num.	Cap. Mfd.	Size Inches LxWxH	Your Price
C8861	8	4 1/4x1 1/4x1 1/4	\$0.56
C8862	16	4 1/4x1 1/4x1 1/4	.79
C8863	4-8	4 1/4x1 1/4x1 1/4	.85
C8864	8-8	4 1/4x1 1/4x1 1/4	.88
C8865	8-8-8	4 1/4x2 x2	1.29

Mica Condensers



Compact moulded moisture proof bakelite cases. Low power factor. High Q. Long life mica dielectrics. Accurate within ±10%. 1 1/4" leads.

Stock Number	Code	Cap. Mfd.	Your Price
C8866	5W-501	.00001	\$0.12
C8867	5W-502	.00002	.12
C8868	5W-503	.00003	.12
C8869	5W-505	.00005	.09
C8870	5W-5T1	.0001	.09

Stock Number	Code	Cap. Mfd.	Your Price
C8871	5W-5T15	.00015	.09
C8872	5W-5T2	.0002	.09
C8873	5W-5T25	.00025	.12
C8874	5W-5T5	.0005	.12
C8875	1W-5D1	.001	.15

Stock Number	Code	Cap. Mfd.	Your Price
C8876	1W-5D15	.0015	.15
C8877	1W-5D2	.002	.18
C8878	1W-5D25	.0025	.21
C8879	1W-5D3	.003	.24

Stock Number	Code	Cap. Mfd.	Your Price
C8880	1W-5D5	.005	.29
C8881	1W-5D6	.006	.35
C8882	1W-5D7	.007	.38
C8883	1W-5S1	.01	.44

Type UP Twist Lock Dry Electrolytics

In Metal Containers

A new type dry electrolytic rapidly replacing the older types in radio set manufacture. Advanced engineering assures operation equal to or better than larger units. Mounting is by means of metal tongues which fit into slots in chassis and twist to lock condenser in place. Complete with necessary mounting plates. Multiple units have common negative grounded to can. Size, 1" diameter.

Stock Num.	Can Lgth	Cap. Mfd.	Wkg. Volts	Your Price
C8884	2"	10	450	\$0.44
C8885	2	20	450	.65
C8886	3	40	450	.94
C8887	2	20-20	150	.59
C8888	2	30-30	150	.65

Stock Num.	Can Lgth	Cap. Mfd.	Wkg. Volts	Your Price
C8889	2	20-20	250	.65
C8890	2	10-10	450	.71
C8891	3	20-20-20	150	.71
C8892	2	30-20/20	150/25	.68

Stock Num.	Can Lgth	Cap. Mfd.	Wkg. Volts	Your Price
C8894	2	15-15/20	250/25	.65
C8895	2	10/10/10	450/450	.76
C8896	2	10-10/20	350/25	.71
C8897	2	15-30	150	.59

Stock Num.	Can Lgth	Cap. Mfd.	Wkg. Volts	Your Price
C8898	3	10-30-30	150	.76
C8899	2	30	250	.59
C8900	3	10-20/30	250/350	1.03
C8901	3	10-10/20	450/25	.76
C8902	3	10-20/20	450/25	.97
C8903	2	10-15-15	250	.73
C8904	3 1/2	15-15/10	450/300	.97

Type DT Paper Cartridge Condensers

Halowax impregnated, non-inductively wound, protected against humidity. 2 1/2" Wire Leads.

Stock Number	Cap. Mfd.	Size Inches LongxDia.	Your Price
C9015	.01	1 1/2x 3/4	\$0.09
C9016	.015	1 1/2x 3/4	.09
C9017	.02	1 1/2x 3/4	.09
C9018	.03	1 1/2x 3/4	.09
C9019	.05	1 1/2x 3/4	.09
C9020	.1	2 x 1 1/4	.12
C9021	.25	2 x 1 1/4	.15
C9022	.25	2 x 1 1/4	.15
C9023	.5	2 1/2x 3/4	.21
C9024	1.0	2 1/2x 1	.29

400 DC Working Volts

Stock Number	Cap. Mfd.	Size Inches LongxDia.	Your Price
C9015	.01	1 1/2x 3/4	\$0.09
C9016	.015	1 1/2x 3/4	.09
C9017	.02	1 1/2x 3/4	.09
C9018	.03	1 1/2x 3/4	.09
C9019	.05	1 1/2x 3/4	.09
C9020	.1	2 x 1 1/4	.12
C9021	.25	2 x 1 1/4	.15
C9022	.25	2 x 1 1/4	.15
C9023	.5	2 1/2x 3/4	.21
C9024	1.0	2 1/2x 1	.29

600 DC Working Volts

Stock Number	Cap. Mfd.	Size Inches LongxDia.	Your Price
C9025	.0001	1 1/4x 3/4	\$0.09
C9026	.00025	1 1/4x 3/4	.09
C9027	.0005	1 1/4x 3/4	.09
C9028	.001	1 1/4x 3/4	.09
C9029	.002	1 1/4x 3/4	.09
C9030	.004	1 1/4x 3/4	.09
C9031	.005	1 1/4x 3/4	.09
C9032	.01	1 1/4x 3/4	.09
C9033	.015	1 1/4x 3/4	.09
C9034	.02	1 1/4x 3/4	.09
C9035	.025	1 1/4x 3/4	.12
C9036	.03	1 1/4x 3/4	.12
C9037	.04	1 1/4x 3/4	.12
C9038	.05	1 1/4x 3/4	.12
C9039	.06	1 1/4x 3/4	.15
C9040	.1	1 1/4x 1 1/4	.15
C9041	.25	2 x 1 1/4	.21
C9042	.25	2 x 1 1/4	.21
C9043	.5	2 1/2x 1	.29

1600 DC Wkg. Volts—2000V. Peak Oil Impregnated—For Use as Buffer

Stock Number	Cap. Mfd.	Size Inches LongxDia.	Your Price
C9052	.005	1 1/4x 3/4	\$0.21
C9044	.007	1 1/4x 3/4	.21
C9045	.0075	1 1/4x 3/4	.21
C9046	.01	1 1/4x 3/4	.21
C9047	.02	1 1/4x 1 1/4	.21
C9048	.03	2 x 1 1/4	.21
C9049	.04	2 x 1 1/4	.24
C9050	.05	2 x 1 1/4	.21
C9051	.1	2 1/2x 3/4	.35

Type KR Compact Dry Electrolytics

In Aluminum Cans

Stud mounting container. Multiple units have separate sections with individual leads. Container is insulated from condenser. 8" Leads.

600 DC Wkg. Volts—675 Peak

Stock Number	Cap. Mfd.	Size Inches HighxDia.	Your Price
C9053	4	3 1/2x1 3/4	\$1.08
C9054	6	4 1/2x1 3/4	1.53
C9055	8	4 1/2x1 3/4	2.06

450 DC Wkg. Volts—525 Peak

Stock Number	Cap. Mfd.	Size Inches HighxDia.	Your Price
C9056	8	2 3/4x1	\$0.62
C9057	12	3 1/4x1	.82
C9058	16	3 1/4x1 3/4	

Dry Electrolytic Condensers

Midget Rectangular Containers



Type CS
CN & CM

Extremely small. Internal metal seal protects unit against atmospheric conditions. Metal mounting flanges may be pushed under various parts on chassis, soldered down, or bent out of way. 8" insulated leads.

Single Section Units

450 DC Wkg. Volts, 525 Peak

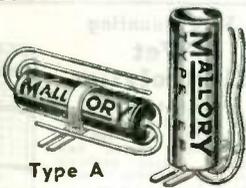
Stock Num.	Cap. Mfd.	Size	Your Price
D7405	2	2 1/2 x 1 1/2 x 1/2	37c
D7406	4	2 1/2 x 1 1/2 x 1/2	44c
D7408	8	2 1/2 x 1 1/2 x 1/2	56c
D7410	12	2 1/2 x 1 1/2 x 1/2	76c
D7433	16	2 1/2 x 1 1/2 x 1/2	85c

Dual and Triple Sections

Dual 4 leads, Triples 6 leads
Has 3 Leads—Common Negative.

D7423	4-4	2 1/2 x 1 1/2 x 1/2	71c
D7424	4-8	2 1/2 x 1 1/2 x 1/2	79c
D7427	8-8*	2 1/2 x 1 1/2 x 1/2	88c
D7425	8-8	2 1/2 x 1 1/2 x 1/2	88c
D7426	8-8-8	3 1/2 x 1 1/2 x 1/2	51.29c

Tubular Condensers



Type A

Type B

Types ST, TN, 2N, 2P, 2S, 3N, 3S
Between these and the type BB condensers you can select a replacement condenser for practically any radio service job. Compact size and efficient performance eliminate need of exact duplicates. *20 mf. section rated at 25 wkg. volts.

Type A—Single Units

Stock Num.	Cap. Mfd.	Wkg. Volts	Size D x L	Your Price
D7382	8	250	1 1/2 x 2 1/2	29c
D7383	16	250	1 1/2 x 2 1/2	44c
D7384	24	250	1 1/2 x 2 1/2	50c
D7385	8	350	1 1/2 x 2 1/2	32c
D7386	16	350	1 1/2 x 2 1/2	47c
D7387	8	450	1 1/2 x 2 1/2	35c
D7388	12	450	1 1/2 x 2 1/2	44c
D7389	16	450	1 1/2 x 2 1/2	53c

Multiple Units

Type A—Common Negative

D7338	8-8	450	1 1/2 x 3 1/2	62c
D7312	30-10-20*	150	1 1/2 x 3 1/2	71c
D7316	40-20-20*	150	1 1/2 x 3 1/2	97c

Type A—Separate Section

D7344	8-8	250	1 1/2 x 2 1/2	50.65c
D7345	16-16	250	1 1/2 x 2 1/2	59c
D7347	8-8	450	1 1/2 x 2 1/2	79c
D7348	8-16	450	1 1/2 x 2 1/2	97c
D7349	16-16	450	1 1/2 x 2 1/2	1.18
D7321	8-8-20*	450	1 1/2 x 3 1/2	.97

Type B—Common Negative

D7334	8-8	150	1 1/2 x 2 1/2	47c
D7335	16-16	150	1 1/2 x 2 1/2	56c
D7336	20-20	150	1 1/2 x 2 1/2	62c
D7337	40-20	150	1 1/2 x 2 1/2	67c
D7310	16-16-20*	150	1 1/2 x 2 1/2	79c
D7314	16-8-4	150	1 1/2 x 2 1/2	71c
D7315	20-10-10	150	1 1/2 x 2 1/2	82c

Type B—Common Positive

D7340	10-8	150	1 1/2 x 2 1/2	63c
D7341	16-16	150	1 1/2 x 2 1/2	73c
D7342	20-20	150	1 1/2 x 2 1/2	79c

Midget Tubulars



Type BB

Compact metal cased dry electrolytic condensers. Container is insulated with paper sleeving. New process in construction results in compact size and greater safety factor.

25 D.C. Wkg. Volts, 40 Peak

Stock Num.	Cap. Mfd.	Size Inches	Your Price
D7645	10	1 1/2 x 1 1/2	23c
D7630	25	1 1/2 x 1 1/2	29c
D7631	50	1 1/2 x 1 1/2	35c

50 D.C. Wkg. Volts, 75 Peak

D7646	5	1 1/2 x 1 1/2	23c
D7647	10	1 1/2 x 1 1/2	26c
D7648	25	1 1/2 x 1 1/2	32c
D7649	50	1 1/2 x 1 1/2	41c

150 DC Wkg. Volts, 200 V. Peak

D7632	4	1 1/2 x 1 1/2	23c
D7633	8	1 1/2 x 1 1/2	26c
D7634	12	1 1/2 x 1 1/2	29c
D7635	16	1 1/2 x 1 1/2	32c
D7636	20	1 1/2 x 1 1/2	35c
D7637	30	1 1/2 x 1 1/2	38c
D7615	40	1 1/2 x 1 1/2	41c

250 DC Wkg. Volts, 300 V. Peak

D7616	8	1 1/2 x 1 1/2	29c
D7617	12	1 1/2 x 1 1/2	38c
D7618	16	1 1/2 x 1 1/2	44c

450 DC Wkg. Volts, 525 V. Peak

D7642	4	1 1/2 x 1 1/2	32c
D7643	8	1 1/2 x 1 1/2	35c
D7644	10	1 1/2 x 1 1/2	41c
D7619	12	1 1/2 x 1 1/2	44c
D7629	16	1 1/2 x 1 1/2	53c

Stud Mounting Condensers

Type RS, RN & RM

Reduced size. Special hardware listed on this page enables these condensers to be mounted in any popular type mounting. 8" Insulated wire leads. Aluminum can containers, supplied with locknut and flat washer.



Single Section Units

450 DC Wkg. Volts, 525 Peak Volts

Stock Num.	Cap. Mfd.	Size L x D	Your Price
D7444	8	2 1/2 x 1	\$0.62
D7445	12	2 1/2 x 1	.82
D7439	16	2 1/2 x 1	.91

Dual and Triple Sections

Separate Sections. *Has Com. Neg.

D7449	4-8*	3 x 1 1/2	.85
D7457	4-8	3 x 1 1/2	.85
D7458	8-8	3 x 1 1/2	.94
D7459	8-8-8	4 x 1 1/2	1.35

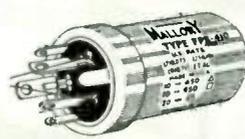
Wet Electrolytic Stud Mounting Condensers

Improved units. Container is negative, lug terminal is positive. For vertical mounting.

500 D.C. Peak Voltage

D7460	4	3 1/2 x 1 1/2	\$0.47
D7461	8	3 1/2 x 1 1/2	.56
D7368	8	3 1/2 x 1 1/2	.56
D7462	12	4 1/2 x 1 1/2	.67
D7463	16	4 1/2 x 1 1/2	.79
D7369	20	4 1/2 x 1 1/2	.88
D7465	30	4 1/2 x 1 1/2	.99
D7370	40	4 1/2 x 1 1/2	1.12

Fabricated Plate Condensers



Dry Electrolytic

Incorporates improved engineering features that assure quality, service and dependability. Small size. Low R.F. impedance. Long life. Improved sealing prevents deterioration even under severe conditions of humidity or heat. Round aluminum cans. Lug connections.

Type FPS—Single Section

Stock Num.	Cap. Mfd.	Wkg. Volts	Size Inches	Your Price
D7273	50	150	2x1	50.56
D7274	15	300	2x 3/4	.38
D7275	30	300	2x1	.59
D7391	10	450	2x 3/4	.44
D7392	15	450	2x1	.59
D7393	20	450	2x1	.65

Type FPD—Two Section

D7280	40-40	25	2x1	.59
D7281	20-20	150	2x1	.59
D7282	30-30	150	2x1	.65
D7283	50-50	150	3x1	.76
D7381	20-20	250	2x1	.65
D7284	40-40	250	3x1	.85

D7286	30-30	350	30x1	.88
D7394	10-10	450	2x1	.71
D7287	20-20	450	3x1	.97
D7288	40-40	450	3x1 3/4	1.56
D7289	80-10	450	3x1 3/4	1.62

Type FPT—Three Section

Stock Num.	Cap. Mfd.	DC Wkg. Volts	Your Price
D7299	30-20x20	150x25	\$0.67
D7301	15-15x20	250x25	.65
D7304	10x10x20	450x450x25	.76
D7308	20-20-20	25	.53
D7309	20-20-20	150	.71
D7327	10-10-10	300	.61

Size, 1" dia., x 3" long

D7306	50-50x20	150x25	.85
D7302	30-30x20	250x25	.79
D7303	40-15x20	300x25	.85
D7305	20-20x20	450x25	1.03
D7306	30-10x20	450x25	1.03
D7325	40-40-40	150	.91
D7326	30-15-10	250	.76
D7328	20x15-10	450x300	.88
D7330	10-10-10	450	.91
D7331	15-15-10	450	1.03

FP Mounting Wrench

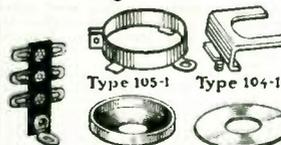
D7357—Simplifies twisting mounting ears of stud condensers when making installations.

YOUR PRICE.....44c

Mounting Plates for Above

Can Size	Stock Num.	Bakelite	Metal	Price Each
3/4"	D7395	D7398		
1 1/4"	D7396	D7399		3c
	D7397	D7400		

Mounting Accessories



Type A016 Type A-017 Type 015-1

D7570—A018. Terminal connector 1 1/2" High. 10 for.. 29c

D7571—A017. Washers for clamp mounting 1" stud condensers. 29c

D7572—015-1. Washer 1 1/2" Dia., 3/8" hole. 10 for..... 18c

D7574—104-1. Mounts stud condensers above chassis base. Each..... 6c

D7575—105-1. 1" Dia. EACH 4c
D7576—106-1. 1 1/2" Dia. EACH 5c
D7577—107-1. 1 1/2" Dia. EACH 6c

Bypass Condensers

Paper Dielectric



Safely rated. Non-inductively wound. Low impedance contact between unit and leads. Durable cardboard container. Completely sealed against moisture.

200 D.C. Working Volts

Stock Num.	Cap. Mfd.	Size Inches	Your Price
D7560	.05	1 1/2 x 1 1/2	9c
D7561	.1	1 1/2 x 1 1/2	12c
D7562	.25	2 1/2 x 1 1/2	15c
D7563	.5	2 1/2 x 1 1/2	21c
D7564	1.0	2 1/2 x 1 1/2	29c

400 D.C. Working Volts

D7556	.05	1 1/2 x 1 1/2	9c
D7557	.1	1 1/2 x 1 1/2	12c
D7558	.25	2 1/2 x 1 1/2	15c
D7559	.5	2 1/2 x 1 1/2	21c
D7568	1.0	2 1/2 x 1 1/2	29c

600 D.C. Working Volts

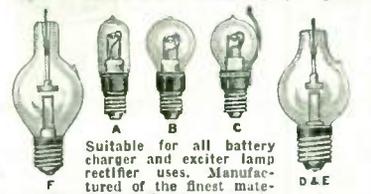
D7540	.0001	1 1/2 x 1 1/2	9c
D7541	.00025	1 1/2 x 1 1/2	12c
D7542	.0005	1 1/2 x 1 1/2	15c
D7543	.001	1 1/2 x 1 1/2	21c
D7544	.002	1 1/2 x 1 1/2	29c
D7545	.005	1 1/2 x 1 1/2	37c
D7546	.006	1 1/2 x 1 1/2	44c
D7547	.01	1 1/2 x 1 1/2	56c
D7548	.02	1 1/2 x 1 1/2	76c

D7565	.03	1 1/2 x 1 1/2	12c
D7566	.04	1 1/2 x 1 1/2	12c
D7549	.05	1 1/2 x 1 1/2	12c

D7550</

TUNGAR BULBS-NEON LAMPS-BATTERY CLIPS

Genuine G.E. Tungar Rectifier Bulbs



Suitable for all battery charger and exciter lamp rectifier uses. Manufactured of the finest materials and thoroughly tested. Types A, B, and C have 3 terminal screw base. Type C has outside top lead wire, which may be cut off.

- C1802**—Type A. G.E. #289881. Filament 1.8 volts at 6 amps. Output 7.5 volts at 0.5 amps.
 - C1803**—Type B. G.E. #277463. Filament 2.0 volts at 12 amps. Output 60 volts at 2 amps.
 - C1804**—Type B. G.E. #12X825. Filament 2.0 volts at 12 amps. Output 75 volts at 2 amps.
 - C1805**—Type C. G.E. #195528. Filament 2.0 volts at 12 amps. Output 60 volts at 2 amps.
- List Price, \$4.00.
YOUR PRICE, Each. \$2.94
- C1806**—Type D. G.E. #189048. Filament 2.2 volts at 18 amps. Output 60 volts at 6 amps.
 - C1807**—Type E. G.E. #189049. Filament 2.2 volts at 18 amps. Output 90 volts at 6 amps.
- List Price, \$5.00.
YOUR PRICE, Each. \$3.67
- C1808**—Type F. G.E. #217283. Filament 2.5 volts at 27 amps. Output 60 volts at 15 amps.
- List Price, \$10.00.
YOUR PRICE, Each. \$7.35

Special Tungar Type Bulbs

Quality Guaranteed

- Specifications Similar to Above G.E. Type
- C1822**—Type A. } **YOUR PRICE, Ea. \$1.85**
 - C1823**—Type B (75V.). }
 - C1824**—Type C. }
 - C1825**—Type D. } **YOUR PRICE, Ea. \$2.89**
 - C1826**—Type E. }
 - C1827**—Type F. } **YOUR PRICE, Ea. \$6.50**

Mercury Type Charger Bulb

K1828—Type D 6 amperes. Long life, efficiency in operation and lower operating cost. For use in battery chargers of 6 ampere capacity. List Price, \$5.00.
YOUR PRICE, Each. \$2.89

Radio Battery Cables

Stranded conductors, rubber insulated and covered with fabric. R. M. color coded. 5 ft. length.

Stock Number	Conductors	Your Price	Stock Number	Conductors	Your Price
K4911	5	24c	K4914	8	40c
K4912	6	28c	K4915	9	45c
K4913	7	32c	K4916	10	50c

Stock Number	Conductors	Your Price	Stock Number	Conductors	Your Price
K4911	5	24c	K4914	8	40c
K4912	6	28c	K4915	9	45c
K4913	7	32c	K4916	10	50c

Mallory Grid Bias Cell



Small acorn shaped, no current potential device. Supplies 1 Volt plus or minus 10%. Adaptable to all circuits of grid bias where current does not exceed one microampere. Circuit is identical to "C" battery. Designed principally to bias first audio tubes in high gain amplifiers. Eliminates the necessity of high capacitive cathode-by-pass condensers. Will give indefinite life if not overloaded.

A3905—1 Volt Cell.
A3904—1/2 Volt Cell.
 List Price, 30c.
YOUR PRICE, EACH. \$1.8c

Bias Cell Mountings

Stock Number	Type Number	Num. Cells	List Price	YOUR PRICE
K3906	GB-1	1	10c	6c
K3907	GB-1A	1	10c	6c
K3908	GB-1B	1	15c	9c
K3909	GB-2	2	20c	12c
K3910	GB-3	3	25c	15c
K3911	GB-4	4	35c	21c

Neon Glow Lamps

Genuine G.E. neon gas lamps that glow with a brilliant orange-red radiance. Both electrodes glow on A.C. One remains dark on D.C. Operate on extremely minute current.

Used in tube checkers for inter-element short tests; in series with A.C. or D.C. for continuity, leakage, and high resistance tests. Used as pilot or signal lamp on all types of electrical circuits. Check ignition leakage in auto-radio noise elimination work. Voltages listed are minimum striking voltage; minimum operating voltage may be approximately 50 volts lower for A.C. or 20 volts lower for D.C.

D10545—1/2 Watt. Candelabra Base Tubular Shape Clear Bulb. 1/2" diameter. Replacement for Weston and other tube testers employing neon short tests. For 105-125 volts, A.C. or D.C.
YOUR PRICE, Each. \$3.6c
TEN FOR.....\$3.25

D10546—1/2 Watt. Double contact bayonet base, 1/2" diam. Tubular shape clear bulb. 1/2" diameter. Used as replacement in Tohe-Condenser Analyzer and other test equipment requiring a neon bulb without a resistance in the base. For 105-125 volts.
YOUR PRICE, Each. \$4.1c
TEN FOR.....\$4.05

D10547—1/2 Watt. Standard Edison medium screw base. Clear Globular Bulb. 1 1/4" diameter. Electrodes shaped like half cylinders. Approximately 5/100 candle power. For 105-125 volts A.C. only.
YOUR PRICE, Each. \$3.6c
TEN FOR.....\$3.25

D10548—1/2 Watt. Same as above but with skirted candelabra base.
YOUR PRICE, Each. \$4.1c
TEN FOR.....\$3.65

D10549—1 Watt. Standard Edison medium screw base. Clear Globular Bulb. 1 1/4" diameter. Approximately 5/100 candle power. Central cylindrical electrode surrounded by wire spiral electrode. For 105-125 volts A.C. or D.C.
YOUR PRICE, Each. \$3.6c
TEN FOR \$3.25

D10551—1 Watt. Double contact bayonet base. Otherwise same as above.
YOUR PRICE, Each. \$4.5c
TEN FOR.....\$4.05

D10550—1 Watt Standard Edison medium screw base. Clear Globular Bulb. 1 1/4" diameter. Electrodes shaped like half cylinders. For 200-240 volts A.C. or D.C.
YOUR PRICE, Each. \$3.6c
TEN FOR.....\$3.25

D10552—2 Watt Standard Edison medium screw base. Clear pear shaped Bulb. Diameter 1 1/4". Electrodes in shape of split disc. Approx. 1/2 candlepower. For 105-125 volts A.C. or D.C. Used in tube testers. Also popular size for night-light, advertising, exit indicators, stroboscope, and signal use.
YOUR PRICE, Each. \$4.5c
TEN FOR.....\$4.05

D10553—3 Watt standard Edison medium screw base. Clear pear shaped bulb. Diameter 1 1/4". Electrodes in shape of split disc. For 105-125 volts AC or D.C. Used in tube testers. Also very popular size for night-lights, signal lamps, etc.
YOUR PRICE, Each. \$4.6c
TEN FOR.....\$4.86

Cathode Glow Neon Indicator Lamps

Used on many types of test apparatus. Clear glass cylindrical bulb, about 1/4" diameter, 1" long. Wire leads about 5/8" long. Electrodes consist of two small parallel cylinders sealed in neon gas. Operate on A.C. or D.C. average voltage break-down, 60 volts A.C. or 90 volts D.C. when no resistor is used. On D.C. only the negative electrode glows. Voltage Range *105-125 Volts. †105-250 Volts.

Stock Num.	Nominal Watts	Resistance Supplied (in ohms)	Ma.	Life Hours	Ea.
D10520		None (use 200,000)	.3	3,000	10c
D10521	*1/25	one 200,000 mtd. in lead	.3	3,000	14c
D10522	†1/10	one 500,000 mtd. in lead	.4	2,000	14c

Universal Alligator Clips



Small clips with slender elongated jaws. Both screw and banana terminal connections. The barrel will also take the large end of a standard jack tip. Teeth mesh perfectly on all three sides. Rating 5 amps. Cadmium plated steel. 2 1/2" long. Jaw spread 3/4".
K11435—Alligator clip only less Insulators. Each, 5c. **YOUR PRICE**
BOX OF 10.....39c
 100 for.....\$3.43

Colored Rubber Insulators
 For above clips. Internal recess at end of insulator snaps around tubular barrel and holds clip firmly.
K11445—Red **K11446**—Black
YOUR PRICE, EACH 4c. \$28c
BOX OF 10.....\$2.69
 100 for.....\$2.69

Universal Battery and Radio Clips



No. 45—Pee Wee Clip. For Radio Test Work. Teeth on both jaws which mesh. Jaw spread 3/4". Length 1 1/2". Steel Cadmium plated. With screw.
K11436—Each, 4c. **29c**
TEN FOR.....

No. 45C—Pee Wee High Frequency Test Clip. Suitable for transmitters. Made of solid copper. Phosphor bronze spring, brass screw—entirely non-ferrous. Will not heat up in H.F. work. 1 1/2" long. 1/4" jaw spread, 10 Amps.
C11497—Each, 7c. **54c**
TEN FOR.....

No. 48A—Small clip for "B" radio batteries and general use. Teeth on both jaws which mesh. 10 lb. spring. Jaw spread, 1/2". Cadmium plated.
C11437—Each, 4c. **32c**
TEN FOR.....

No. 48C—Solid Copper for High Frequency use. Size same as above.
C11498—Each, 9c. **65c**
TEN FOR.....

Type 24A—25 amp. Capacity. For radio storage "A" batteries. Teeth on one jaw and notch on the other; fits round battery post. 17 lb. spring with copper shunt. Jaw spread, 1". Lead coated. 2 1/2" long.
C11438—Each, 7c. **59c**
TEN FOR.....

Type 21A—50 amp. 33 lb. spring protected by a copper shunt. Jaw spread, 1 1/4". Steel, Lead coated. 4" long.
C11439—Each, 12c. **\$1.08**
TEN FOR.....

Type 11A—100 amp. Capacity, 38 lb. spring. Jaw spread, 1 1/2". Lead coated. 5 1/2" long.
N11440—
YOUR PRICE, Each. \$4.2c
NOTE. Clips marked + and - Half and Half will be supplied unless otherwise specified.

Rubber Insulators

For Use with Universal Battery Clips



Protect against electric shock. Furnished half red, half black to indicate polarity.

	Per Pair	Ten For
D11447—For 45	18c	59c
D11448—For 48B	19c	69c
D11449—For 24A	43c	\$1.52
D11450—For 21A	73c	2.51
D11451—For 11A	\$1.19	4.10

Porcelain Sockets

For Neon Glow Lamps

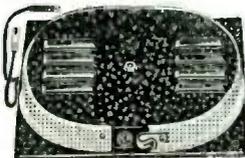
Sub-panel Mounting
 Quality porcelain sub-panel socket for neon glow lamps. Top of socket mounts flush with panel. Screw terminals. Used in short checkers, continuity testers and other test apparatus.
D11254—Candelabra Base. **28c**
YOUR PRICE, Each.....

D11255—Edison Medium Screw Base. **16c**
YOUR PRICE, Each.....

Cleat Mounting
D11256—
YOUR PRICE, Each.....9c
 Cleat mounting Edison base porcelain socket. May be mounted on baseboard for experimental work. Screw terminals.

Aerials and Accessories

ICA Tennescope



C9960—
YOUR PRICE..... **\$1.03**

Eliminates the use of an outside aerial and ground on any midset or console radio set. Easily connected without changes in circuit wiring. No soldering necessary. For broadcast band use only. Has trimmer adjustment for proper set matching and maximum selectivity. Static shielded. Instructions included.

Inside Aerial and Noise Filter



D8404—
YOUR PRICE **80¢**

Combination indoor aerial and noise filter. Plugs into power line and has outlet receptacle for radio power cord. Serves to reduce line noises and eliminate outdoor aerials simultaneously. Binding post connections for aerial and ground.

Aerial Eliminator



D9965—
YOUR PRICE **\$1.05**

Eliminates outdoor aerials. Built-in coil and condenser allows reception equivalent to 75 feet of aerial wire. Binding post terminals for set aerial, set ground and external ground connections. Compactly constructed for installation in receiver cabinets. Size 3x2 1/2x1 1/2.

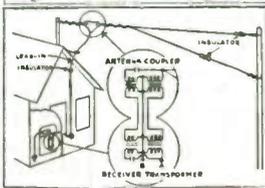
Galvanized Guy Wire For Supporting Aerial Masts



K4917—50 foot coil.
Your Price... **15¢**
Ten rolls for **\$1.39**

A special grade, tough, non-stretching galvanized wire. Annealed.

All-Wave Antenna Systems



Belden No. 8300

Clear-Channel Antenna

The "L" type antenna plus an additional half-doublet, shielded low loss transmission line and newly developed dual iron core transformer couplers produce clear channel reception with maximum efficiency at all frequencies from 400 to 20,000 kilocycles. Up to four radios can be operated from the same antenna.

Includes: 60' and 25' coil 7x22 enameled aerial wire, 50' coil shielded transmission cable, receiver and antenna coupling transformers, 25' coil ground wire, 2-porcelain nail-on knobs, 2-porcelain insulators, 1/2" stand-off insulator, ground clamp and instruction sheet. Lightning arrester not necessary.

A15322—List, \$8.35. **\$4.94**
YOUR PRICE

A4971—Iron Core Coupling Transformer. One required for each additional radio receiver. **\$1.11**
YOUR PRICE

RCA Model 395 Antenna System



All-wave doublet antenna self-easily designed to operate perfectly with all receivers. Unusually easy to install. All parts are assembled and soldered. Wide frequency range extends from 140 to 23,000 Kcs. Contents: 2—Antenna Wire Coils (each 20 ft. long); 2—Strain Insulators; 15 ft. Transmission Line; Antenna Junction Box; Receiver Coupling Unit; 2—Nail-On Knob Insulators; 1—Ground Clamp. Instructions.

C15332—RCA 395. Complete Kit. Factory Assembled. List Price, \$3.95. **\$2.25**
YOUR PRICE

RCA "Magic-Wave" Aerial System

Operates 1 to 16 Radios

C15333—RCA 9812. Complete Kit for One Radio Set. List Price, \$5.95. **\$3.43**
YOUR PRICE

Has greater noise reducing properties and is more easily installed. No doublets or critical transmission line and aerial wire lengths. Adaptable to many different installations including vertical mast type. Transmission line can be installed underground. Covers 530 to 23,000 kc. By using distribution transformer and additional receiver coupling transformers, up to 16 radios can be used on one aerial. Completely assembled. Contents: Iron Core Antenna and Receiver Coupling Transformers; 60 ft. Antenna Wire; 45 ft. Transmission Line; 5 ft. Ground Wire; 5 Porcelain Insulators; Ground Clamp; Instructions.



Accessories Used in "Magic-Wave" Aerial System

C4967—RCA 9849. Antenna Coupling Transformer only with built in lightning arrester. For "L" type and vertical mast antennas having transmission line lead-ins... **\$1.15**
C4961—RCA 9814. Distribution transformer for 4 additional sets. **1.76**
C4962—RCA 9813. Receiver coupler (for each outlet)... **1.47**
C4964—RCA 12429. 45-ft. transmission line (for underground)... **1.15**

All-Wave Ant. Coupler

A4932—
YOUR PRICE... **38¢**



Fixed, all-wave antenna coupler designed to properly match all-wave radio receivers to antenna transmission lines. Matches all types of receivers. Effectively reduces noise and increases signal strength. Shielded in round aluminum container. Simple to install.

Vertical Pole Antenna

A new type vertical pole antenna, neat in appearance—over head wires. Four telescopic sections are adjustable from 6 to 24 feet in height. Easy to erect in small space. No guy wires or footing necessary. 5 ft. pipe driven into ground serves as foundation and support. Can also be used with Parapet Mast Support Receiver and Antenna Coupling Transformers with underground transmission line lead-in as listed at left. Any number of radios can be accommodated by using one distribution transformer and one receiver coupling transformer for each set to be used. Made of steel heavily cadmium plated. Wt. 20 lbs.



A15382—
YOUR PRICE... **\$5.88**

Insulator Bracket

For clearing lead-in wires over gutters, eaves, etc. Insulator can be placed in 4 different positions. 8" formed steel arm. **A15383—15¢**
Your Price, Ea. Ten for \$1.40



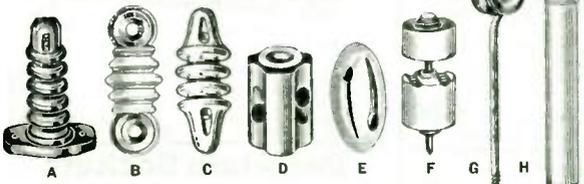
Parapet Mast Support

Supports mast or vertical antenna on fire walls and parapets up to 20" wide. Fits round or square masts from 1/2 to 2". Green enameled. Ship. wt. 8 lbs.



A15384—
YOUR PRICE **\$1.47**

Antenna Insulators



An insulator for practically every antenna installation. Finest quality for dependable service under all weather conditions.

Stock Num.	Type Ins.	Size	Description and Type	Price Each	10 for	100 for
D4754	A	4" High	Glazed Porcelain Standoff	10¢	\$0.90	\$8.50
D4770	B	3" Long	Tempered Glass Insulator	2 1/2¢	.19	1.80
D4751	C	2 1/2" Long	Glazed Porcelain Insulator	2 1/2¢	.19	1.80
D4752	B	3 1/2" Long	Glazed Porcelain Insulator	5¢	.45	4.25
D4753	C	5" Long	Glazed Porcelain Insulator	9¢	.84	7.50
D4755	D	1 1/2 x 1 1/2 x 2 1/4"	Glazed Porcelain Strain	6¢	.54	4.85
D4756	E	1 3/4 x 1 3/4 x 1 3/4"	Glazed Porcelain Strain	3¢	.20	1.80
D4766	F	1 1/4 x 1 1/4" H	Glazed Porcelain Nail Knob	2¢	.18	1.64
D4767	G	3 1/2" Long	Glazed Porcelain Screw Eye	2¢	.17	1.60
D4768	H	7 1/2" Long	Bakelite Bushing Screw Eye	3¢	.26	2.45
D4750	G	1/2" ID x 3" L	Porcelain Wall Tube	2¢	.18	1.64
D4765	H	1/2" ID x 6" L	Porcelain Wall Tube	2 1/2¢	.20	1.80

RCA Wave Trap

Gives excellent suppression of following interferences: code, blanketing, image reception, cross modulation, heterodyning and overloading caused by powerful or nearby amateur and broadcast stations. Has adjustable range of from 450 to 2100 Kc. Attenuation of tuning frequency is 40 to 1 average. Iron core Litz wound coil. **C4968—List, \$1.85. \$1.09**
YOUR PRICE



Copper Plated Ground Rods

Made of hard drawn steel, heavily copper plated for rust prevention and insures positive electrical grounding. 3/8" Dia. Screw type clamp. 3/8" Dia. **K15884—4 Foot Rod. YOUR PRICE, 28¢**
EACH Ten for \$2.65
K15885—6 Foot Rod. YOUR PRICE, 38¢
EACH Ten for \$3.60



Adjustable Tubular Steel Masts

Strong telescoping masts made of high carbon steel tubing. Baked green enamel finish. Base adjustable to fit any roof angle. Simply nail or screw base to roof and bend upright. Masts are fitted with guy wire discs at top and guy rings at intermediate sections. A clamping device locks sections at any height. Length collapsed 50 inches. **K15880—Two Section. Extends 13 feet. Shpg. Wt. 5 lbs. List, \$2.00. YOUR PRICE \$1.18**

K15881—Three Section. Extends 10 feet. Wt. 7 lbs. List, \$3.00. YOUR PRICE \$1.76

K15882—Four Section. Extends 13 feet. Wt. 10 lbs. List, \$4.00. YOUR PRICE \$1.35

Adjustable Guy Anchor
N4775—Each, Ten for 80¢ **9¢**



Aerials and Accessories

Doublet Arresters



A dependable air gap doublet arrester. Porcelain case 3 1/4" x 1 1/4" x 1 1/4"
K4795—EACH 17¢
TEN FOR \$1.40

I. C. A. Doublet Arrester



Absolutely weatherproof and non-grounding. Can be installed indoors or outdoors. Made of black enameled porcelain. Supplied with mounting screws. Special quality carbon resistance used.
N4793 List, 40c. 23¢
YOUR PRICE

Duplex Vis-O-Glow Neon Lightning Arrester



Doublet Type

Arrester electrodes are suspended in a neon gas tube. No resistance element is used. It is more sensitive than any other radio arrester and also will carry the heaviest discharge. Causes no loss of signal strength. Particularly desirable for Short-Wave and All-Wave receivers. You can see it operate.
K4790—List, \$1.40. 78¢
YOUR PRICE

Antenna Lead-in Window Strips

Duro impregnated web covered conductors. Waterproof insulation. Fits between sash and sill.
K4781—12 inches long. 3¢
Fahnstock connectors. EACH 23¢
Ten for \$2.25

A4783—12 inch, Screw Connectors. EACH 5¢
10 for 40¢

Rubber Covered Lead-In Strips. 12" long. Will withstand bending.
K4784—With Clip Term. 8¢
EACH Ten for 69¢

Duplex Lead-In Strip

For transmission line lead-ins. Completely insulated. 12" long.
C4776—With Clip Term. 8¢
YOUR PRICE, Each. Ten for 72¢

C4782—With Screw Term. 9¢
YOUR PRICE, EACH Ten for 81¢

Antenna Spring Tightener

Takes up slack in Aerial.
K4779—Complete with insulator. EACH 7¢
10 for 60¢

Spring Aerial Adjuster

Automatically keeps antenna tight and straight. Prevents swaying. Particularly desirable on doublet type of aerial installations. Ends equipped with porcelain insulators. Length, 9 1/2".
K4780—List, 50c. 24¢
YOUR PRICE, EACH TEN FOR \$2.25

Zenith All-Wave Doublet Antenna

Part Num. S5000
A15940—List Price, \$5.00. 89¢
YOUR PRICE

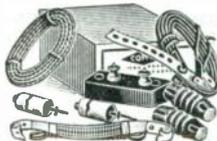


Genuine Zenith All-Wave Doublet Antenna
 System as supplied for Zenith Radio Sets. Scientifically designed for highest efficiency of operation on both the standard broadcast and short-wave bands. Consists of 2-30 ft. lengths 7-24 tinned copper antenna wire coupled to 50 ft. rubber covered transmission cable through porcelain junction box, 2 porcelain antenna insulators, 2-5" screw eye stand-off insulators and 10 insulated staples.
A4972—Coupling transformer for use with above antennas on older model sets which do not have provisions for connection of doublet antenna. Similar to Zenith Part Num. 95-376. 59¢
YOUR PRICE

Aerial Kits—Low Priced

STANDARD KIT CONTAINS:

50 ft. No. 7/26 stranded aerial wire; 80 ft. rubber covered lead-in wire; 1 approved lightning arrester; 2 porcelain insulators; 1 ground clamp; 1 window lead-in; 2 porcelain nail knobs.
K4945—YOUR PRICE 37¢



SPECIAL KIT CONTAINS:

100 ft. No. 7/26 stranded aerial wire; 40 ft. rubber covered lead-in wire; 25 ft. ground wire; 1 standard approved lightning arrester; 2 porcelain insulators; 3 porcelain nail knobs; 2 galvanized screw eyes; 1 window lead-in strip; 1 ground clamp; 1 instruction sheet.
K4946—YOUR PRICE 69¢

I. C. A. Window Pole Aerial

A beautifully nickel plated telescopic window aerial. Especially suited for use in apartment buildings, homes, offices, etc. Ideal for radio demonstration purposes. May be tilted to any angle. Very efficient on short wave bands. Requires only two screws for installation on any wood window sill. Mast sections are made of rust proof brass, highly nickel plated. Sturdy insulator. Includes window lead-in strip and screws.
D15900—With 3 telescopic sections adjustable to 8 feet. List Price, \$2.75. \$1.62
YOUR PRICE, Each. D15901—With 4 telescopic sections adjustable to 12 feet. List Price, \$3.75. \$2.20
YOUR PRICE, Each.



Special Value Flex-O-Mast Antenna

For Efficient Portable Installations Quickly and easily installed. Made of finest steel rod. Ideal antenna for demonstration purposes. Does not deface the building. Approved by landlords. Requires no tools for installation. Thumb screw securely holds antenna on window frame. Heavy rubber insulator. Finished in durable black enamel.
C15966—5 Ft. Mast. 59¢
YOUR PRICE C15967—2 Sec. 7 Ft. Mast. 88¢
YOUR PRICE



Keystone Vertical Mast Antenna

Eliminates all overhead wires. Requires little space. Easy to erect. Universal mounting bracket may be installed on vent pipe, window frame, chimney, gables, cornices, wall copings, etc. Sturdily constructed. 4 Section nickel-plated brass metal mast extends to 12 feet. Guaranteed rust-proof. Includes attaching clamps, screws, 40 ft. lead-in wire, lightning arrester, and 10 ft. ground wire.
D15902—List Price, \$3.95. \$1.90
YOUR PRICE D15904—Same as above but less lead-in, ground wire and arrester. Includes mast with attaching bracket and clamps. List Price, \$3.50. \$1.69
YOUR PRICE

Keystone Special Vertical Antenna

C15879—4 Section 12 ft. Mast. Serves same purpose as above aerials but is not quite as durable. Mast is made of hand tempered spring steel zinnite plated. Includes insulated brackets for mounting on soil pipe, cornice, walls, window sills, etc. 40 ft. No. 16 Rubber covered lead-in wire also included. Less lightning arrester. List Price \$3.00. \$1.58
YOUR PRICE, Each. In Lots of 6 or More, Each \$1.45



Single Lead Arresters



A dependable air gap type arrester. Porcelain case.
C4796—Each. 7¢
TEN FOR 62¢
100 FOR \$6.10

Bakelite Arrester



Moulded bakelite body. Suitable for use inside or out of doors. Sturdy. Reliable. Underwriters standard. Furnished with \$100.00 lightning damage guarantee.
K4798—List, 25c. 13¢
YOUR PRICE TEN FOR \$1.10

ICA Champion Arrester Carbon Resistor Type



Individually tested to meet the requirements of the National Board of Underwriters. Black enameled porcelain case. Packed in individual cartons.
C4774—List, 30c. 18¢
YOUR PRICE, Each. TEN FOR \$1.62

Glass Arresters



Base of clear crystal glass. Carbon element held between brass conductors. Clearly visible. \$100.00 insurance.
K4797—List, \$1.00. 47¢
EACH

ELECTRO-STATIC

Lightning Arrester Static Arrester


Has choke coil and condenser connected between aerial and set terminals which act as a static and noise reducer and filter. \$100.00 free insurance bond.
K4794—List Price, \$1.00. 43¢
YOUR PRICE

Bargain Ground Clamp

Vise grip. Rustproof hardened steel frame. Has separate screw for attaching wire. A quality ground clamp at an unusually low price. Fits pipe up to 1 1/2" diameter. Sold only in lots of 10 or more.
N4777—EACH 22¢
10 FOR 100 FOR \$1.95

Mueller Ground Clamp

Reinforced frame. Teeth cut through rust and paint. Separate screw for attaching wire. Fits pipe up to 1 1/4 inches diameter.
K4778—EACH 6¢
Ten for 48¢
Per Hundred. \$4.24



Lead-In WIRE Aerial

Single Conductor Combination Lead-in and Aerial Wire

Copper wire, rubber insulated. Used for lead-in and ground wire. Also suitable for wiring tube filament and other high current circuits.

Solid Conductor—Size 18 Rubber Covered
With outer weatherproof braid.

Stock Number	Coll Feet	Per Coll	Ten Colls for
K4685	25	14¢	\$1.30
K4686	50	27¢	2.50
K4687	100	52¢	4.85
K4688	1000	\$4.95	

Stranded Conductor Size 18 (16x30)
Also makes a good aerial wire. Rubber Covered—No outer braid.

Stock Number	Coll Feet	Per Coll	Ten Colls for
K4689	25	\$0.11	\$1.05
K4690	50	.20	1.95
K4691	100	.37	3.65
K4692	1000	3.40	

Special Bargain Hook-Up and Lead-In Wire

C4734—1000 ft. Spool only **\$1.95**

Number 20 gauge Stranded Tinned Copper Wire with 1/64" rubber covering overall. Suitable for radio hook-up—lead-in—aerial wire, etc.

Belden All-Rubber Wire For Lead-Ins and Grounds



Insulated with special rubber compound which strips easily. Tinned seven strand copper conductors.

Stock Number	Equiv. Size	Feet in Coll	Your Price
A4448	18	100	\$0.41
A4441	18	500	1.82
A4436	16	50	.29
A4437	16	100	.50
A4438	16	250	1.22
A4439	16	500	2.38
A4434	14	50	.42
A4435	14	250	1.92

Shielded Lead-in and Ground Wire



Size 18 stranded inner conductor. Rubber insulated with outer braided shield of tinned copper wire. When used as lead-in, by grounding the outer shield, the tendency to pick up man-made static between aerial and receiver is practically eliminated.

R4585—50 foot coll. **60¢**
EACH

R4586—100 foot coll. **\$1.18**
EACH

R4587—250 foot coll. **\$2.90**
EACH

Twisted Pair Twisted Pair Lead-in



RUBBER COVERED With Cotton Braid Overall
Each conductor is of No. 20 (10x30) stranded tinned copper wire, lateral paper wrapped, rubber covered, twisted together and a heavy weather-proof impregnated cotton braid overall.

K4591—50 Ft. Roll. **46¢**
YOUR PRICE

K4592—100 Ft. Roll. **89¢**
YOUR PRICE

K4593—250 Ft. Roll. **\$2.10**
YOUR PRICE



SHIELDED SOLID ENAMELED Cotton Braid Over Conductors
Each conductor is of No. 19 solid enameled copper wire, cotton served and covered with an impregnated cotton colored braid. Conductors are twisted together and a bare copper shield is tightly woven overall.

K4594—50 Ft. Roll. **85¢**
YOUR PRICE

K4595—100 Ft. Roll. **\$1.62**
YOUR PRICE

K4596—250 Ft. Roll. **\$3.82**
YOUR PRICE

TRANSMISSION LINE CABLE Superior Quality



For the majority of all-wave receivers and of any half-wave di-pole antenna. Conductors are size 18 stranded. Insulation is cotton wrapped, over which is a rubber sleeve. Two such conductors, color coded, are twisted together and covered with a weather-proofed cotton braid over-all.

A4558—75 foot Coll. **\$1.10**
EACH

A4556—500 foot Spool. **\$6.95**

SHIELDED TWISTED PAIR Superior Quality



Conductors are size 18 stranded. Insulation is cotton wrapped and color coded rubber covered. Two such conductors are twisted together and covered with paper wrap over which is a woven tinned copper shield and a weather-proofed over-all cotton braid. This is the most efficient type of transmission line.

A4557—75 foot Coll. **\$2.12**
EACH

A4558—500 foot Spool. **\$13.96**

Giant Spaghetti For Insulating Resistors, etc.



C4829 3 Ft. Length **14¢**
10 for \$1.20

Cambric tubing. To insulate resistors. 1,000 volt insulation. Withstands 350° F. 3/4" diameter, 3 ft. lengths.

Tinned "Bus" Wire

No. 14. Cut into two-foot lengths. Makes rigid neat job. Can be used bare or covered with spaghetti. Hand drawn copper. Round.

R4910—Ten Lengths. (20 feet) for. **14¢**
100 lengths (200 feet)..... **\$1.29**

Wire Prices
Are subject to market change. Prices quoted are lowest at time of catalog publication. We expect to maintain these prices during life of this catalog. If prices decline, we give you the benefit of any reduction. In case of market advances, we reserve the right to adjust our prices.

Indoor Aerial Wire

For A.C., D.C. and Midget Sets.
K4831—25 foot coll. **7¢**
YOUR PRICE

10 Colls for **65¢**

K4832—100 foot coll. **27¢**
YOUR PRICE

10 Colls for **\$2.49**

Extremely flexible. A well insulated stranded conductor is covered with a brown cotton braid. Will not kink and can be easily concealed. Also suitable for loop aerials.

Stick Tape Aerial

For Interior and Auto Use.
K4833—List, \$1.00. YOUR PRICE **35¢**
10 for **\$3.20**

Sticks on any surface. Metallic alloy of great capacity adhesive rubber coating on back. Clip terminal. Easily installed. 40 feet to the roll.

Pigtail Wire

A braided wire cable made up of very fine strands of copper wire, which gives it extreme flexibility. Use it to avoid high frequency resistance losses.

K4834—10 foot. List Price, 35¢. YOUR PRICE **20¢**

"Spaghetti" Tubing

Takes Up to 3/4" Wire

30-inch lengths. The best quality spaghetti made. Made of high grade cambric tubing impregnated with high insulation transparent varnish.

K4820—Black K4825—Blue
K4821—Yellow K4826—White
K4822—Brown K4827—Gray
K4823—Green K4828—Maroon
K4824—Red

YOUR PRICE **52¢**
10 lengths for

Wire Stripper

K11690—YOUR PRICE **9¢**

Strips insulation from radio wires easily and cleanly. Saves time. Cutting edge of tempered steel that will retain its hardness and last for years.

Belden Test Prod Lead Wire Flexible and Kinkless

Extra flexible No. 18 lead wire. Consists of 65 strands No. 36 tinned copper wire with wrap of cellophane and a 3/4" wall of durable rubber insulation overall. Will withstand highest voltages encountered in radio test work. Supplied only in Red or Black.

K4425—14 foot spool. Consists of 7 ft. of red and 7 ft. of black wire. YOUR PRICE **23¢**

100 Foot Rolls
K4423—Red Your Price **\$1.10**
K4424—Black Pr., Ea.

Belden Shielded Grid Wire

For grid leads. Neat, compact overall size. Very flexible tinned conductor size 18 stranded. Covered with .025" rubber over which is finely woven tinned copper wire shield.

C4550—100 foot Coll. **\$1.45**
YOUR PRICE

Copper Aerial Wire



Hard drawn, high grade bare copper wire. High conductivity and very little stretch. Meets every requirement for all types of aerials; single wire, doublet, cage type. For all sets: All-Wave, Short-Wave or Broadcast. Our prices are lowest for wire of standard gauge, full length coils and highest quality.

Stranded Bare Copper Wire

Stock Num.	Wire Size	Coll Feet	Per Coll	Ten Colls
C4700	18(7x26)	50	10¢	\$0.95
C4703	18(7x26)	75	13¢	1.20
C4706	18(7x26)	100	19¢	1.79
C4709	18(7x26)	250	46¢	4.37
C4701	16(7x24)	50	14¢	1.29
C4704	16(7x24)	75	20¢	1.90
C4707	16(7x24)	100	27¢	2.55
C4710	16(7x24)	250	66¢	6.45
C4702	14(7x22)	50	20¢	1.95
C4705	14(7x22)	75	29¢	2.80
C4708	14(7x22)	100	39¢	3.75
C4711	14(7x22)	250	96¢	9.25

Stranded Enameled Copper Wire

Stock Num.	Wire Size	Coll Feet	Per Coll	Ten Colls
C4712	18(7x26)	50	16¢	\$1.40
C4716	18(7x26)	75	20¢	1.90
C4720	18(7x26)	100	30¢	2.70
C4724	18(7x26)	250	73¢	6.62
C4713	16(7x24)	50	22¢	1.95
C4717	16(7x24)	75	27¢	2.60
C4721	16(7x24)	100	36¢	3.50
C4725	16(7x24)	250	99¢	9.50
C4714	14(7x22)	50	27¢	2.55
C4718	14(7x22)	75	37¢	3.50
C4722	14(7x22)	100	53¢	4.98
C4726	14(7x22)	250	\$1.31	12.37
C4715	12(7x20)	50	43¢	4.15
C4719	12(7x20)	75	64¢	6.10
C4723	12(7x20)	100	85¢	8.25
C4727	12(7x20)	250	\$2.06	19.25

Solid Enameled Copper Wire

Stock Num.	Wire Size	Coll Feet	Per Coll	Ten Colls
C4730	14	100	42¢	\$4.05
C4729	12	100	61¢	5.90
C4728	10	100	94¢	9.10
C4733	14	250	98¢	9.50
C4732	12	250	\$1.45	13.75
C4731	10	250	2.30	21.95

Belden Antenna Wire



The dependable Belden standard product. Regular Belden Packaging. Guaranteed quality, sizes and lengths.

Stranded Bare Copper Wire

Stock Num.	Wire Size	Coll Feet	Per Coll
D4668	16(7x24)	50	15¢
D4669	16(7x24)	75	22¢
D4670	16(7x24)	100	28¢
D4664	14(7x22)	50	22¢
D4665	14(7x22)	75	32¢
D4666	14(7x22)	100	42¢

Stranded Enameled Copper Wire

Stock Num.	Wire Size	Coll Feet	Per Coll
D4652	14(7x22)	75	44¢
D4653	14(7x22)	100	58¢
D4654	14(7x22)	150	86¢
D4650	12(7x20)	100	96¢

Solid Enameled Copper Wire

Stock Num.	Wire Size	Coll Feet	Per Coll
D4659	11	100	47¢
D4657	12	100	69¢

Hook-Up WIRE Magnet

Push-Back Hook-Up Wire



Tinned copper conductors, cotton served and covered with an outer waxed, damp proof braid. This is the style wire mostly used on factory production sets. For making a soldered connection, just push back the insulation, solder and slide insulation back up to joint. Makes neat smooth job. Excellent value. Superior quality. All standard R.M.A. colors for every wiring job.

Solid Copper Core

Num. 22			Num. 20			Num. 18		
25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.	25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.	25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.
C4100	Red	C4109	C4309	Red	C4318	C4345	Red	C4354
C4101	Yellow	C4110	C4310	Yellow	C4319	C4346	Yellow	C4355
C4102	Blue	C4111	C4311	Blue	C4320	C4347	Blue	C4356
C4103	Green	C4112	C4312	Green	C4321	C4348	Green	C4357
C4104	Black	C4113	C4313	Black	C4322	C4349	Black	C4358
C4105	Brown	C4114	C4314	Brown	C4323	C4350	Brown	C4359
C4106	White	C4115	C4315	White	C4324	C4351	White	C4360
C4107	Gray	C4116	C4316	Gray	C4325	C4352	Gray	C4361
C4108	Maroon	C4117	C4317	Maroon	C4326	C4353	Maroon	C4362
PRICE EACH		PRICE EACH		PRICE EACH		PRICE EACH		PRICE EACH
10c		33c		11c		36c		14c
10 Rolls for 85c		10 Rolls for \$2.90		10 Rolls for 99c		10 Rolls for \$3.45		10 Rolls for \$1.30
								10 Rolls for \$4.75

Stranded Copper Core

Num. 22 (7x30)			Num. 20 (10x30)			Num. 18 (16x30)		
25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.	25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.	25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.
C4118	Red	C4127	C4327	Red	C4336	C4363	Red	C4372
C4119	Yellow	C4128	C4328	Yellow	C4337	C4364	Yellow	C4373
C4120	Blue	C4129	C4329	Blue	C4338	C4365	Blue	C4374
C4121	Green	C4130	C4330	Green	C4339	C4366	Green	C4375
C4122	Black	C4131	C4331	Black	C4340	C4367	Black	C4376
C4123	Brown	C4132	C4332	Brown	C4341	C4368	Brown	C4377
C4124	White	C4133	C4333	White	C4342	C4369	White	C4378
C4125	Gray	C4134	C4334	Gray	C4343	C4370	Gray	C4379
C4126	Maroon	C4135	C4335	Maroon	C4344	C4371	Maroon	C4380
PRICE EACH		PRICE EACH		PRICE EACH		PRICE EACH		PRICE EACH
11c		36c		12c		41c		17c
10 Rolls for 99c		10 Rolls for \$3.39		10 Rolls for \$1.05		10 Rolls for \$3.95		10 Rolls for \$1.63
								10 Rolls for \$5.35

Belden Hook-Up Wire



Cellulose Acetate Push-Back

Attractive high gloss lacquer covered. Tinned copper conductor with heavy cellulose acetate wrap and basket-weave abrasion proof lacquered rayon outer braid. 1550 Volt insulation.

Rubber Push-Back

6900 Volt insulation. Tinned copper conductor with cotton wrap, .010" rubber insulation and basket-weave abrasion proof lacquered rayon outer braid.

Solid			Stranded			Number 20		
25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.	25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.	25 Ft. Stock Num.	Lengths Braid Color	100 Ft. Stock Num.
D4577	Red	D4582	D4620	Red	D4625	D4640	Red	D4685
D4578	Black	D4583	D4621	Black	D4626	D4641	Black	D4686
D4579	Green	D4584	D4622	Green	D4627	D4642	Green	D4687
D4580	Blue	D4613	D4623	Blue	D4628	D4643	Blue	D4688
D4581	Yellow	D4614	D4624	Yellow	D4629	D4644	Yellow	D4689
25 Ft. Rolls EACH		100 Ft. Rolls EACH	25 Ft. Rolls EACH		100 Ft. Rolls EACH	25 Ft. Rolls EACH		100 Ft. Rolls EACH
17c		50c	18c		59c	18c		54c
Number 18			Number 18 (16x30)			Stranded		
D4577	Red	D4582	D4620	Red	D4625	D4645	Red	D4685
D4578	Black	D4583	D4621	Black	D4626	D4646	Black	D4686
D4579	Green	D4584	D4622	Green	D4627	D4647	Green	D4687
D4580	Blue	D4613	D4623	Blue	D4628	D4648	Blue	D4688
D4581	Yellow	D4614	D4624	Yellow	D4629	D4649	Yellow	D4689
25 Ft. Rolls EACH		100 Ft. Rolls EACH	25 Ft. Rolls EACH		100 Ft. Rolls EACH	25 Ft. Rolls EACH		100 Ft. Rolls EACH
18c		60c	21c		66c	20c		60c

Belden Heavy Rubber Push-Back



Stranded tinned copper conductor with rubber insulation and basket-weave abrasion proof lacquered rayon outer braid.

10,000 Volt Insulation
Number 18 (16x30) Stranded

25 Ft. Stock Num.	Rolls Your Price	Braid Color	100 Ft. Stock Num.	Rolls Your Price
D4690		Red	D4676	
D4691		Black	D4677	
D4692		Green	D4678	
D4693		Blue	D4679	
D4694		Yellow	D4680	

36c EACH

Serviceman's Magnet Wire

Every serviceman should have an assortment of magnet wire in his workshop. These convenient sized spools eliminate the necessity of buying more wire than is actually needed. Finest quality. Excellent for rewinding relays, short wave and transmitting coils, small motors, small field coils, etc. Wire is wound on spools marked with type and size. Number of feet of wire included on each spool is given below.



YOUR PRICE
EACH, Any Spool..... **13c**
Lots of 10 or More Assorted, Each, 12c

Plain Enameled			Double Cotton			Single Cotton Enamel			Double Silk		
Stock Num.	Feet Per Spool	Wire Size	Stock Num.	Feet Per Spool	Wire Size	Stock Num.	Feet Per Spool	Wire Size	Stock Num.	Feet Per Spool	Wire Size
C4257	25	14	C4271	25	14	C4225	21	14	C4285	19	14
C4258	40	16	C4272	35	16	C4226	33	16	C4286	25	16
C4259	50	18	C4273	45	18	C4227	42	18	C4287	31	18
C4260	90	20	C4274	60	20	C4228	60	20	C4288	42	20
C4261	140	22	C4275	81	22	C4229	81	22	C4289	60	22
C4262	200	24	C4276	110	24	C4230	110	24	C4290	85	24
C4263	300	26	C4277	150	26	C4231	148	26	C4291	101	26
C4264	450	28	C4278	175	28	C4232	168	28	C4292	120	28
C4265	600	30	C4279	200	30	C4233	192	30	C4293	141	30
C4266	800	32	C4280	220	32	C4234	216	32	C4294	165	32
C4267	1200	34	C4281	250	34	C4235	242	34	C4295	190	34
C4268	1600	36	C4282	275	36	C4236	266	36	C4296	220	36
C4269	2000	38	C4283	294	38	C4237	294	38	C4297	243	38
C4270	2500	40	C4284	325	40	C4238	325	40	C4298	275	40

Belden Magnet Wire

Finest quality. Uniform. Carefully inspected insulation. One continuous length only on each spool. Sizes are exact standard B & S gauge. Specifications conform to those given by leading manufacturers for radio apparatus, motor and generator windings, etc. Guaranteed. Quality considered, our prices represent the very best values obtainable.



Plain Enameled					Double Cotton Cov.				
Size	1/2 lb. Spool		2 lb. Spool		Size	1/2 lb. Spool		2 lb. Spool	
	Stock Num.	Your Price	Stock Num.	Your Price		Stock Num.	Your Price	Stock Num.	Your Price
14	C4455	27c	C4469	\$0.64	14	C4483	39c	C4495	\$0.73
16	C4456		C4470	.67	16	C4484	32c	C4496	.82
18	C4457		C4471	.70	18	C4485	35c	C4497	.91
20	C4458	29c	C4472	.73	20	C4486	36c	C4498	1.04
22	C4459	29c	C4473	\$0.76	22	C4487	38c	C4499	1.18
24	C4460	30c	C4474	.79	24	C4488	42c	C4500	1.36
26	C4461	35c	C4475	.85	1/2 lb. Spool				
28	C4462	38c	C4476	.88	26	C4489	27c	C4501	\$0.75
30	C4463	42c	C4477	.94	28	C4490	30c	C4502	.93
					1 lb. Spool				
32	C4464	27c	C4478	\$0.54	30	C4491	35c	C4503	1.06
34	C4465	30c	C4479	.61	32	C4492	48c	C4515	1.54
36	C4466	38c	C4480	.72	34	C4493	60c	C4516	1.67
38	C4467	52c	C4481	.87	36	C4494	71c	C4517	2.14
40	C4468	74c	C4482	1.22					

Rubber Covered Hook-Up Wire

Flexible color coded rubber insulation. Conductor of stranded tinned copper wire size 20. Will not dry out or crack. Easy to skin.



25 Foot Coils Each **13c**

A4630	Red	Five for 57c
A4631	Black	
A4632	Green	
A4633	Blue	
A4634	Yellow	

Belden Colorrubber Hook-Up Wire

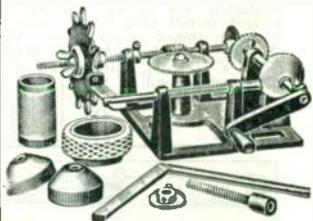
Finest quality color coded rubber covered hook-up wire. Stranded tinned copper conductor, equivalent size 18 (16 strand No. 30 wire). .025" colored rubber insulation, waxed.



25 foot coils	Color	100 foot coils
A4428	Red	A4400
A4431	Black	A4401
A4430	Green	A4402
A4430	Blue	A4403
A4432	Yellow	A4404
A4433	Brown	A4405

EACH, **18c** | EACH, **47c**

DeLux Coil Winder



KI 1691—YOUR PRICE **\$4.35**

For winding Honey Comb, Spider Web and Solenoid Coils of different widths and diameters. Will use wire of different gauges. Accurate coils can be made. Equipped with necessary accessories for winding various types of coils. Has a recorder with adjustable pointer for counting number of turns.

Public Address **WIRE** Auto Radio

Belden High Quality Cables

Extraordinary High Quality Cables made by "Belden" one of the largest wire manufacturers, noted for the quality of their products. Only the best quality pure copper wire and the highest grade insulating materials are used. The construction of these cables eliminates all possibility of chafing between the single conductors or shield and insures the longest possible life. This cable is far superior. No finer cable is made.

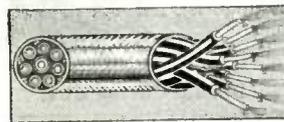


Glazed Braid Overall

Particularly recommended for Connection of Magnetic and Dynamic Speakers in Indoor Installations where a cable will not be subject to wear. Also for use as battery cables. Each conductor size 20 (10 strands No. 30) tinned copper wires, paper wrapped for flexibility and quick soldering, .02" rubber insulated. Each covering is distinctively colored for easy tracing. Individual conductors are cabled together and covered with brown glazed abrasion proof "basket-weave" braid overall. Very Flexible.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16502	3	20c	\$1.56
K16503	4	25c	2.09
K16504	5	29c	2.48

For Single Conductor use fixture cord or hook-up wire. For Two Conductor use lamp cord or twisted pair transmission line.

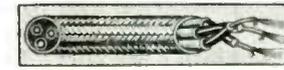


Analyzer Cable

6, 7, 8 and 9 Conductor

Has Two Heater Leads of size 16 Stranded Tinned Copper Wire with .031" rubber insulation. Balance of conductors are size 20 with .020" rubber insulation. All conductors are color coded. Paper wrapped for flexibility and quick soldering. Individual conductors are cabled together and covered overall with a glazed brown abrasion proof "basket-weave" braid. The flexibility and long life of the cable are greatly increased by the Jute Filler Center.

Stock Number	Num. Cond.	5 feet for	10 feet for	100 feet for
K16508	6	23c	41c	\$3.55
K16509	7	25c	45c	4.11
K16510	8	32c	59c	5.32
K16511	9	34c	63c	5.65



Shielded Covering Overall

Particularly recommended for Microphone and other lines that are subject to hum pickup.

Each conductor size 20 of stranded tinned copper wires, paper wrapped for flexibility and quick soldering 1/64" rubber insulated and lacquered braid covered. Each covering is distinctively colored for easy tracing. Individual conductors are cabled together and covered overall with woven shield of fine size tinned copper wires. Very flexible. Perfect Electrostatic Shield.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16512	2	30c	\$2.42
K16513	3	35c	3.01
K16514	4	49c	3.67



Armored Speaker Cable

Two conductor size 18—(41 strands No. 34) cotton wrapped rubber wall paper wrap and overall tinned steel armor. Size, 1.55"x.260". Particularly recommended for speaker extension on Public Address Systems, Radio sets, etc.

A 16550—10 feet for	29c
250 feet for	\$6.20



Rubber Jacket Overall

Particularly recommended for Speaker Lines for Indoor or Outdoor Installations where cables will be subjected to wear and moisture.

Two and three conductor cable size 18 (41 strands No. 34) of tinned copper wires, cotton served, 1/64" rubber insulated. Four and five conductor cable of size 20 (10x30) and balance size 20 (10x30). Individual conductors are color coded and cabled together with a jute filler cotton serve and enclosed in outer waterproof super service rubber jacket overall. Extremely flexible.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16515	2	25c	\$2.10
K16516	3	29c	2.59
K16517	4	44c	3.45
K16518	5	54c	4.41



Woven Shield Covered With Rubber Jacket Overall

The Finest Cable made. Very Flexible. Will stand hardest use.

Each conductor size 20 (26 strands No. 34) of tinned copper wires cotton served and 1/64" rubber insulated. Each covering is distinctively colored for easy tracing. Individual conductors are cabled together, cotton served, and covered overall with close woven shield of fine size tinned copper wire. Outer shield is another cotton serve and an outer super-rubber rugged jacket providing a waterproof practically wear-proof covering.

Stock Number	Num. Cond.	10 feet for	100 feet for
K16521	2	49c	\$4.04
K16522	3	54c	4.41
K16523	4	69c	5.70
K16524	5	83c	7.06
K16525	6	98c	8.23
K16526	7	\$1.17	9.55



Low Capacity Shielded Mike and Auto Aerial Lead-in Cable

Rubber Jacket Overall

Absolutely essential for high impedance circuits. Prevents loss of signal in cable when used for microphone to grid inputs, auto aerial lead-in circuits, etc. Single size 26 conductor consists of combination stranding of tinned copper and phosphor bronze wire for extra flexibility and tensile strength. Conductor is covered by low capacity rubber core with celanese braid covered by tinned copper shielding with double celanese wrap and rubber jacket overall. Fully water-proof. Capacity per foot 20 Mmfd. Outside Dia., .215".

D 16529—10 feet for	44c
100 feet for	\$3.67
D 16527—Same as above except has 25 Mmfd. capacity per foot. Outside diameter .245".	49c
Ten feet for	\$4.19

Heavy Duty Cable

D 16530—Consists of single size 20 tinned stranded copper conductor other wise same as above. Fully water proof and very rugged. Cap. per foot 44 Mmfd. Outside dia. .260".

Ten feet for	39c
100 feet for	\$3.30
For Phono Pick-ups	
D 16531—Shielded phonograph pick-up wire with cotton braid overall. Size 20 conductor. Cap. per foot 55 Mmfd. Outside diameter .160".	20c
Ten feet for	\$1.57

Belden PA and Communication System Cables

For Inside or Outside Use



With One Shielded Conductor

Consists of size 19 solid tinned copper conductors each with .6" rubber insulation and color coded waxed cotton braid. Conductors are cabled together with fillers and covered overall with weatherproof impregnated cotton braid for indoor or outdoor use. Tinned woven copper shield on one conductor.

D 16540—Two Conductor. One shielded, one plain. .315" O.D.	39c
10 feet for	\$3.60
D 16541—Three Conductor. Two plain, one shielded. .330" O.D.	49c
10 feet for	\$20.45

Amphenol Co-Axial Cable



A concentric transmission line for carrying high frequency power. Especially adaptable for use as microphone cable, shielded high frequency leads in short-wave receivers, transmitter wiring and as antenna lead-ins to first receiver and transmitter. #12 solid copper wire is insulated from woven shield with beads made of Amphenol "912-A" pure polystyrene insulation. Two cotton braided coverings over shield are lacquered to repel moisture and prevent abrasion. Outside diameter, .7". Radius of maximum bend, 1". Impedance, 72 Ohms. Loss per 1,000 ft., 1.75DB. Inductance per ft., .1 microhenry. Capacity per ft., .15 mmf. Resistance per ft., .02 ohms. Conductance per ft., .092x10-16 ohms. (All measurements made 1,000,000 c.p.s.). Net wt. 1 oz. per ft.

A 16599—YOUR PRICE, Per foot .30c

The above cable is available with other various smaller sized conductors or with copper tubing shield at no extra cost and also with synthetic resin outer covering at slightly higher cost. Also available in two-conductor type for balanced transmission lines.

Belden Rubber Covered Co-Axial Cable

Similar to above except has porcelain beads and rubber covering overall. Outside diameter .483". Impedance 73.9 ohms. Capacity per ft., 17.7 mmf. at 1500 Kc.

C 16598—Per Foot	34c
100 Ft. Coll. Price.	\$29.40

Amphenol Cable Connectors

For Co-Axial Cables

Fits Belden and Amphenol Co-Axial cables. Ultra low loss "912" insulation. Polished nickel finish. Connectors held together with locking ring.

YOUR PRICE, Each Piece	\$1.18	
Type	Stock Num.	Female
With Coupling Ring	C12000	C12003
With Coupling Thrd	C12001	C12004
Chassis Connector	C12002	C12005

Belden Shielded Loom



Finely woven tinned copper shielding over impregnated loom. Provides low capacity shielding for auto antenna lead-ins.

	Inside Dia.	10 feet for	50 feet for
D 16614	1/8"	44c	\$1.83
D 16615	3/16"	59c	2.35

Belden Automotive and Auto Radio Cables and Shielding

Shielded Low Capacity Cable



Without Rubber Jacket

For auto antenna lead-in and other high impedance circuits where a low-loss cable is essential for best performance. Consists of size 20 (10x30 tinned) stranded copper conductor with cotton wrap, heavy solid rubber core insulation with celanese braid and closely woven tinned copper shielding overall. Outside diameter, .225". Capacity between conductor and shield, 27 mmf.

C 16548—10 feet for	34c
100 feet for	\$2.86

With Rubber Jacket Overall

As above but with moisture proofing rubber jacket overall. Very rugged. Outside diameter, .290".

C 16547—10 feet for	49c
100 feet for	\$4.04

Shielded Ignition Cable



7 M/M shielded secondary high tension wire. For leads from plugs to coil, distributor to coil, etc. Conductor consists of size 16 (19x29) tinned copper wire, over which is covering of lacquered high tension rubber compound and a specially impregnated cotton braid. Overall is woven shielding of tinned copper wire. Very flexible.

R 16613—10 feet for	83c
100 feet for	\$7.06

D 16611—Unshielded. As above but without copper shielding.

Ten feet for	69c
100 feet for	\$5.88

D 16612—Shielded Commercial Grade Spark Plug Ignition Wire. Tinned copper shielding.

Ten feet for	59c
100 feet for	\$4.77

Shielded Automotive Primary Wires



Suitable for automotive and other low voltage, high current circuits. Consists of stranded tinned copper conductor with celanese wrap, rubber insulation, lacquered glazed cotton outer braid and finely woven copper shield overall.

Stock Num.	Wire Size	10 ft. for	100 ft. for
D 16635	12(19x25)	39c	\$3.23
D 16636	8(19x27)	34c	2.65
D 16637	16(19x29)	29c	2.21

Without Shielding

D 16638	12(19x25)	34c	\$2.79
D 16639	14(19x27)	29c	2.21
D 16640	16(19x29)	20c	1.62

Copper Shielding



Forms perfect electrostatic and interference shield for wires. Very flexible; can be expanded or reduced in diameter and length by pushing together or stretching. Diameters given provide a shielding coverage of 80 to 85%.

Individual Wires Tinned

Stock Num.	For Wire	Inside Diam.	10 ft. for	50 ft. for
D 16619	1/8"	3/16"	11c	\$0.49
D 16622	3/16"	1/4"	14c	.59
D 16621	1/4"	5/16"	29c	1.29
D 16623	5/16"	3/8"	83c	3.60

for Complete Home Wiring

Prices on Electrical wiring materials subject to market change

Single Braid Rubber Covered Building Wire

Underwriter's Approved
Flame Retarding
Moisture Resistant



A high quality code building wire suitable for home and factory wiring. Solid tinned conductor and rubber insulation. Will not fray or push back. Easily stripped clean. Uniform quality. Slick finish, easily pulled through rigid or thin wall conduit.

Stock Num.	Wire Size	Braid Color	Your Price		Per M Ft. In 2500 Ft. Lots
			100 Feet	1000 Feet	
C16600	14	Black	65¢	\$5.95	\$5.80
C16601	14	White			
C16602	14	Red			
C16603	12	Black	87¢	\$8.20	\$7.95
C16604	12	White			
C16605	10	Black	\$1.24	\$12.00	\$11.00
C16606	10	White			
C16607	8	Black			
C16608	8	White	\$2.10	\$20.00	\$19.75

Armored Service Entrance Cable



Underwriter's Approved
Weather and Flame Proofed

For entrance wiring from power lines to service switch, and other high current indoor or outdoor wiring systems. Stranded copper wire conductors fully insulated and protected by galvanized steel armor with double wrap of rubber tape and heavy protective covering. One conductor in cable is concentrically laid to serve as ground or neutral.

Stock Num.	Wire & Size	Ft. In Coil	YOUR PRICE	
			Per Ft.	Per Coil
D16631	2-#8	250	9 1/2¢	\$21.25
D16632	3-#8	250	12¢	25.45
D16633	3-#6	150	15¢	19.05

Service Entrance Cable Fittings

A—Malleable Cable Straps

Stock Num.	Wire Size	Price Each	10 for	100 or
D16721	2-8	1 1/2¢	15¢	\$1.37
D16758	3-8	2¢	19¢	1.84
D16759	3-6	2¢	19¢	1.84

B—Non-Watertight Connectors
* For 1/2" KO. † 3/8" KO. ‡ 1" KO.

*D16755	2-8	3¢	26¢	\$2.45
*D16760	3-8	10¢	90¢	8.45
†D16760	3-6	10¢	90¢	8.45

C—Watertight Connectors

‡D16761	2-8	21¢	\$1.95	\$18.50
‡D16762	3-8	23¢	2.00	19.40
‡D16763	3-6	23¢	2.00	19.40



D16764—D—Sill Plate. Used where cable enters house. With water-tight sealing compound and screws. Ten for \$1.60. Each..... **17¢**

D16765—E—Entrance Head. Malleable iron, cadmium plated. Ten for \$2.65. Each..... **29¢**

Porcelain Exposed Wiring Accessories



Stock Num.	Type	Your Price 10 for	100 for
D4750	A-3" Wall Tube	7¢	59¢
D4765	A-6" Wall Tube	14¢	\$1.25
D4785	B-Solid Knob	13¢	.95
D4766	C-Nail Knob	17¢	1.47
D4751	D-2 Wire Cleat	23¢	2.10

For 6, 32 and 110 volt systems. Made of white glazed porcelain. Cleats and wall tubes are unglazed. Nail knobs and cleats include leather collared nails. Type E, F and G have exposed screw terminals.

D13876—E—Rosette for drop cord. Ten for 85¢. Each..... **9¢**
D11256—F—Receptacle. Ten for 55¢. Each..... **6¢**
D13877—G—Fused Switch, 2 wire, 30 ampere type. Less fuses. Ten for \$3.40. Each..... **35¢**

Wire Holders

Brown glazed porcelain insulator with firmly anchored galvanized screw.
D4758—1 1/2" x 2" High. Ten for 95¢. Each..... **10¢**
D4759—1 1/2" x 3" High. Has No. 22 screw. Ten for \$1.60. Each..... **17¢**

House Brackets

Sturdy galvanized bracket with brown glazed porcelain spool type insulators.
D4760—2 Wire. 11" Long. Ten for \$4.30. Each..... **46¢**
D4761—3 Wire. 15" Long. Ten for \$6.40. Each..... **67¢**

Complete Yard Light



Consists of baked enamel reflector, cadmium plated wall mounting flange and 3/4" goose neck conduit, keyless porcelain socket and two 3 ft. lengths of #14 wire. Easily assembled. Takes 60 or 100 watt bulb. Extends 24" from wall.

D13766— Ten for \$11.27. Each.... **\$1.22**

Heavy Duty Yard Lights



Consists of porcelain enameled steel reflector, cadmium plated cast iron "bayonet type" detachable socket housing, patented armored socket, 1/2" cadmium plated steel pipe 16" long, cadmium plated wall flange, two lag screws for mounting flange and two lengths of #14 wire. Easily assembled. Less bulb.

Num.	Dia.	Watts	Each	Ten for
D16767	12	60-100	\$1.72	\$15.97
D16768	14	150	1.91	19.54
D16769	16	200	2.23	20.70

Rigid Iron Conduit

For Permanent Installation
Underwriter's approved. Supplied in 10 ft. lengths with threaded ends and one coupling.



Black Enamel Finish For Indoor Use

Stock Num.	Size	Your Price Per 10 ft.	Per 100 ft.
C16700	1/2"	55¢	\$5.22
C16701	3/4"	72¢	6.84
C16702	1"	98¢	9.52

Galvanized Finish For Indoor and Outdoor Use

Stock Num.	Size	Your Price Per 10 ft.	Per 100 ft.
C16703	1/2"	61¢	\$5.71
C16704	3/4"	78¢	7.34
C16705	1"	\$1.12	10.52

Rigid Conduit Fittings



A—90° Elbows

Black Stock Num.	Your Price	Size	Galvanized Stock Num.	Your Price
C16706	14¢	1/2"	C16709	16¢
C16707	18¢	3/4"	C16710	20¢
C16708	27¢	1"	C16711	31¢

D—One Hole Malleable Strap

Stock Num.	For Thinwall	Number For Rigid Conduit	Size	Your Price Per 10 for	Per 100 for
C16718			1/2"	15¢	\$1.37
C16719			3/4"	25¢	1.95
C16720			1"	30¢	2.30

B—Couplings

C16712	5 1/2¢	1/2"	C16715	6¢
C16713	7¢	3/4"	C16716	8¢
C16714	10¢	1"	C16717	11¢

E—Galvanized Lock Nuts

Stock Num.	Size	Your Price Per 10	Per 100
C16724	1/2"	5¢	45¢
C16725	3/4"	8¢	63¢
C16726	1"	14¢	\$1.08

F—Galvanized Bushings

C16727	3/4"	8¢	68¢
C16728	1"	14¢	\$1.10
C16729	1 1/4"	25¢	2.08

F—With Grounding Screw

D16770	1/2"	4 1/2¢	75¢
D16771	3/4"	10 1/2¢	90¢
D16772	1"	16 1/2¢	\$1.55

See Pages 73 to 77 of your big 164 page Radolek Profit Guide for a more complete listing of electrical wiring accessories.

Thin Wall Conduit and Fittings



Strong-light weight conduit. Much easier to use than old style conduit. Saves time. Cuts with a hack saw. Does not require threading. Easily bent. Outside hot galvanized, inside is enamel coated. Supplied in 10 ft. lengths. Underwriter's approved.



Threadless water tight conduit coupling. Made of steel, cadmium plated. Spring tight grip. cannot come loose.

Connectors

Stock Num.	Size	Each	Your Price Per 10	Per 100
C16733	1/2"	6 1/2¢	54¢	\$5.24
C16734	3/4"	8 1/2¢	79¢	7.23
C16735	1"	15¢	\$1.32	12.22

Couplings

C16736	1/2"	7 1/2¢	64¢	\$6.11
C16737	3/4"	10 1/2¢	88¢	8.29
C16738	1"	15¢	\$1.32	12.22

Thin Wall Conduit

Strong-light weight conduit. Much easier to use than old style conduit. Saves time. Cuts with a hack saw. Does not require threading. Easily bent. Outside hot galvanized, inside is enamel coated. Supplied in 10 ft. lengths. Underwriter's approved.

Stock Num.	Size	Your Price Per 10 Ft.	Per 100 Ft.
C16730	1/2"	39¢	\$3.50
C16731	3/4"	53¢	4.85
C16732	1"	76¢	6.95

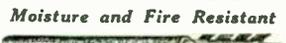
ABC Armored Bushed Cable (B.X.)



Tinned copper conductors, rubber insulated and wrapped with cotton braid saturated with moisture resisting, flame retarding, compound. Protected overall by heavy kraft paper wrapping and heavy flexible galvanized steel armor. 20 Anti-short bushings furnished free with each 250 ft. of cable. Underwriter's approved.

Stock Num.	Wires and Size	Per Ft.	Your Price Per 250 ft.	Per 1000 ft.
C16739	2-14	3 1/2¢	\$7.00	\$26.75
C16740	2-14	4 1/2¢	9.12	35.50
C16741	2-12	4 1/2¢	9.12	35.50
C16742	3-12	5 1/2¢	12.12	45.75
C16743	2-10	6 1/2¢	14.00	52.75

Non-Metallic Sheathed Cable



Moisture and Fire Resistant
Approved by Underwriters. Meets code requirements in most cities and can be used instead of BX or Conduit to save time and labor. Especially recommended for farm wiring. Very flexible, will take right angle bends without cracking.

Stock Num.	Wires and Size	Per Ft.	Your Price Per 100 ft.	Per 1000 ft.
C16744	2-14	3¢	\$2.30	\$21.50
C16745	2-14	5¢	4.70	44.00
C16746	3-12	5¢	4.20	39.25
C16747	3-12	7¢	6.30	60.00
C16748	2-10	6¢	5.40	52.00

Box Connectors for Armored and Non-Metallic Cables

For 1/2" knock-outs
C16754—A— Squeeze type box connector for Armored (B.X.) cable.
C16755—B— Twin screw. For Non-metallic cables.
Either Type. Ten for 26¢. Each..... **3¢**
D16756—C— 90° Elbow. For Armored or Non-metallic cable. Ten for 85¢. Each..... **9¢**



D16757—D— Twin Screw Duplex. Connects two cables into one knock-out. For Armored or Non-metallic. Ten for 54¢. Each..... **6¢**

Entrance Caps

For bringing in service wires. Handles 2, 3, or 4 wires. For vertical pipe.
Each Ten for
C13843 1/2" 19¢ \$1.67
C13844 3/4" 24¢ 2.16
C13845 1" 31¢ 2.81



"ELECTRIC FENCE" One Wire

Safe Dependable

Newest Full Electric Design

The New Economical Way of Farm Fencing

Farmers everywhere have been sold on the safety, effectiveness and economy of electric fences. Get your share of profits being derived from national advertising on electric fences. A simple demonstration will clinch the sale to even the most skeptical farmer prospect.

Saves on Material and Labor

Only one wire, or two at the most, is required to effectively hold the stock. As the cattle do not attempt to push this fence, only widely spaced small sized stakes are necessary to support the wire. Saves on time and labor. One man can quickly install the complete fence. Temporary fences, easily erected with very low labor and material costs, thus reducing to a profitable level the cost of fencing in temporary pastures and harvested fields. Profits of many times the cost of the fence are obtained by "hogging down" corn fields, "steaming" husked corn fields, feeding over fields of pasture oats, barley, wheat, etc.

Low Operating Cost

Intermittent application of current, about once per second, makes current consumption very low. On the battery model a set of dry cells or a "hot-shot" battery will, when properly installed, last an entire season. 3 Position switch provides either high or low voltage output to suit various fence lengths and climatic conditions. Only one moving part used. Power cost on the AC model runs only a few cents per month. Heavy, wrinkle finished, steel case. Suitable for indoor or outdoor installation. No oiling or adjustment is necessary. Operates in any position. Fully guaranteed against all defects. Complies with state regulations. Harmless to man or beast, shock interval is so short the effect is that of a sting. Effective under all weather conditions.



A—For 110 Volt AC Operation

D18047—Model 84ACJ. Uses type 78 and 2A4G radio tubes for safe current output control. Fence line is completely isolated from power line. Window shows operation. Complete with tubes and 25 line and 4 corner insulators. For 110 volt, 50-60 cycle AC use. Size 6½x12¼x9½" high. Wt. 17 lbs. List, \$17.95. **\$11.95**
YOUR PRICE.....

B—For 6 Volt Battery Operation

D18045—Model 83J. Operates from 8 volt hot shot or 4 dry cells. Less batteries. Size 3½x8x6½" high. Wt. 6 lbs. List, \$6.95. **\$4.95**
YOUR PRICE.....

C—With Battery Compartment

D18046—6 Volt Battery Operated Model 83J. Has compartment for hot shot battery or 4 dry cells. Battery compartment size, 3x7½x10½". Overall size, 6½x12¼x9½" high. Built-in detachable fence tester. Includes 25 line and 4 corner insulators. Less batteries. Wt. 16 lbs. List, \$11.95. **\$7.85**
YOUR PRICE.....

Each above include lightning arrester, ground clamp, 6 ft. ground wire and instructions.

Electrical Wire and Cables

Wire Prices Subject to Market Change.

Waterproof Cable For Underground Wiring Lead and Rubber Covered



Heavy, pure seamless lead covering over rubber covered solid copper wires give permanent water tight protection to underground or underwater wiring. Where there is danger of mechanical injury, cable should be installed in rigid or thin wall conduit. Underwriter's approved. Can be supplied in continuous lengths up to 2500 ft.

Stock Num.	Wires and Size	Your Price in Lots of		
		100 ft.	500 ft.	1000 ft.
C16625	2-14	\$4.30	\$20.86	\$37.60
C16626	3-14	11.84	51.59	96.58
C16627	2-12	6.82	38.31	57.96
C16628	2-10	7.87	36.75	65.90

Heavy Rubber Cord Underwriter's Approved



Use for extension cables that get hard wear. Two conductor size 18, 41 strands of size 34 wire. Individual wires rubber insulated and color coded, cotton wrapped and covered with heavy rubber cover overall. Overall dia. .310".

D16629—YOUR PRICE, Ten feet for... **20c**

100 ft. for \$1.90

C16630—Extra Heavy Duty similar to above but has heavier covering of .395" overall dia.
YOUR PRICE, Ten feet for... **30c**

100 ft. for \$2.87

Rubber Lamp Cord



New flexible rubber jacketed two conductor cord. Splits exactly down the center when pulled apart leaving two perfect separate conductors. Conductors are size 18 stranded copper wires with a cotton wrap and individual solid rubber coverings.

Stock Number	Color	10 feet for	100 feet for
M16533	Black	12c	96c
M16534	Brown		
M16535	Green		
M16536	Ivory		

Building Wire Small Diameter



U.S. Rubber Laytex Type RU

For rewiring installations where it is impractical to increase conduit size to increase wire capacity. Insulation is superior to regular building wire and fully complies with 1940 National Electric Code. Consists of solid tinned copper wire with .018" Laytex pure rubber insulation, cellophane wrap and fibrous wrap with flame-molature resistant finish. Underwriter's approved.

Stock Num.	Wire Size	Color	YOUR PRICE
D16551	14	Black	\$1.55
D16552	14	White	
D16553	14	Red	\$6.95 per 100 ft.
D16554	14	Green	\$13.20 per M ft.
D16555	12	Black	\$2.10 per 100 ft.
D16556	12	White	9.25 per 500 ft.
D16557	12	Red	17.60 per M ft.
D16558	10	Black	\$2.85 per 100 ft.
D16559	10	White	12.65 per 500 ft.
D16560	10	Red	24.00 per M ft.

Fixture Cord



Good quality No. 18 single conductor wire. Well insulated. Cotton braid overall. Underwriter's Approved.

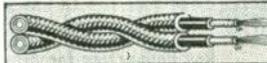
D16545—Oak Tan.

D16546—Brown.

YOUR PRICE, 100 feet for... **54c**

1000 Ft. Roll. Price **\$4.95**

Cotton Lamp Cord



Size 18 stranded copper conductors, cotton served, and rubber insulated. Tightly woven cotton braid with tracer over insulations. Underwriter's Approved with a "W" Rubber Insulation.

D16537—Green and Yellow.

D16538—Black.

YOUR PRICE, Ten feet for... **12c**

100 ft. for 97c

Electric Fence Accessories

Fence Insulators



Glazed white porcelain insulators for supporting electric fence wire to any type posts.

D4785—A—Fence Post Knob	13c	\$0.95
D4782—B—Fence Post Knob	15c	1.25
D4763—C—Fence Post Knob with double head nail	19c	1.75
D4788—D—Corner Post Knob	23c	2.00
D4764—D—Large Type Knob	29c	2.75
D4771—E—Leather Nail Head Washers. Prevents breakage when fence post knobs are nailed down.		
YOUR PRICE, Per Box of 1000		39c

Twistite Pin



Fastens fence post knobs to any type metal posts. No holes necessary in post. Made of #14 galvanized wire.

D4772—PRICE Per 100 **42c**

Kwik-Klip Wire Holder



Easy, quick, secure way of fastening fence wire to insulators. Can be used over and over.

D4788—PRICE Per 100 **32c**

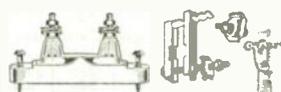
4x8" Metal Sign



Yellow background with 1" black letters. Attaches to fence wire or post. Required by law in some states.

D4773—Each **5c** 10 for **39c**

Lightning Arrester Kit



D4791—Consists of Twin Tower lightning arrester with mounting screws, ground clamp and wire terminal clamp.
Your Price, Per Set **37c**

D4792—8 Point Ground Clamp as above. Fits any rod or pipe ½ to 1½" dia. Cadmium plated.
YOUR PRICE, Each... **7c**

D4799—Wire Terminal Clamp. Insures good electrical contact for wire connections.
YOUR PRICE, Per Pkg. of 4... **8c**
10 Pkgs. for **65c**

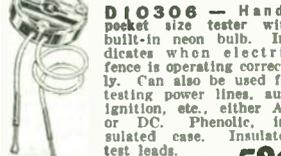
KWIK GATE



D4789—Improved type. Consist of sturdy spring built-into a thoroughly impregnated hardwood handle.

Ten for \$1.95.
YOUR PRICE, Each... **21c**

Fence Tester



D10306—Handy pocket size tester with built-in neon bulb. Indicates when electric fence is operating correctly. Can also be used for testing power lines, auto ignition, etc., either AC or DC. Phenolic, insulated case. Insulated test leads.
Your Price, Each **59c**

"Hot Shot" Type Battery



D130—YOUR PRICE **\$120**

Four No. 6 dry cells sealed in one water-proof unit. Fits inside case of battery operated fence control. Size, 2½x6x10¼".

POPULAR ELECTRICAL SUPPLIES

Belden "Corditis-Free"

Appliance Cord Set

A nationally advertised appliance cord set. Includes 6 ft. glazed cotton braid covered, size 18, 3000 cycle, heater cord wire. Impact resistant appliance plug. Rubber plug on other end. Entire cord set approved by Underwriters.

C4409—Complete Cord Set. 36¢
Five for \$1.57. Each.

D4410—Appl. plug only. 19¢
Ten for \$1.30. Each.

For Coffee Makers, etc.
C4411—Miniature cord set. Components underwriters approved. Five for \$1.68. Each. 40¢

Special Cord Sets



Very serviceable though not as high quality as those listed above. Includes 6 ft. 3000 cycle, glazed cotton covered heater cord, bakelite handle and bakelite appliance plug. Component parts approved by Underwriters. Available with or without switch.

C4445—Cord Set. 20¢
Ten for \$1.95. Each.

C4446—Appliance Plug Only. 6¢
Ten for 55¢. Each.

C4447—Cord Set. 30¢
Ten for \$2.90. Each.

D4448—Appl. Plug Only. 15¢
Ten for \$1.40. Each.

Belden Extension Cord

Non-breakable all rubber construction. Consists of soft rubber duplex plug receptacle, extra flexible size 18 rubber covered cord and narrow, rubber attachment plug.

C4412—Brown 10 ft. 45¢
C4413—Ivory 10 ft. 49¢

Extension Cord Sets



Consists of rubber covered #18 wire, unbreakable rubber plug and switch socket. Underwriters approved.

C10400—12 ft. 26¢
C10401—15 ft. 29¢
C10402—20 ft. 33¢

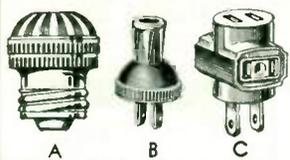
Power Supply Cords



For replacement on radios, lamps, fans, etc. Wetproof, washable, kinkless 7 1/2 foot long rubber cord with unbreakable soft rubber plug attached to one end. Wires on other end are already stripped and tinned, easy to attach. Underwriters' Approved.

K4415—Black 18¢
K4416—Brown 18¢
K4417—Ivory 18¢
10 for \$1.65

Cord Connectors



D11260—A—Two Piece Plug. 5¢
Ten for 47¢. Each.

D11261—A—Irons Plug Only. 2¢
Ten for 19¢. Each.

D11262—A—Screw Plug Only. 3¢
Ten for 28¢. Each.

D11267—B—Rubber Handle Cap. Ten for 35¢. Each. 4¢

D11264—C—Bakelite Trio-Tap. Ten for 40¢. Each. 4 1/2¢

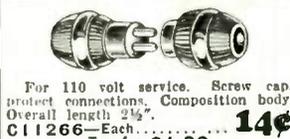
D11271—C—Bakelite Extension Trio-Tap has wire connection instead of prongs. For extension cords. Ten for 47¢. Each. 5 1/2¢



D11265—D—Rubber Connector. Ten for \$1.57. Each. 18¢

D11263—D—Bakelite Connector. Ten for 95¢. Each. 11¢

E—Triple Outlet for wall or table use. Bakelite body. Each Ten for
D11258—Brown 8¢
D11257—Ivory 70¢



For 110 volt service. Screw caps protect connections. Composition body. Overall length 2 1/2".
C11266—Each. 14¢
Ten for \$1.30

Fusible Plug
K11253—Your Price, Ea. 22¢
Ideal for fusing equipment not already protected. Takes two 3AG type fuses for fusing both sides of line. Fuses are inserted from the prong end. Brown molded bakelite body.

Three Way Socket with Pull Chain
Socket threaded for shade holder. Two outlets on side. Pull chain controls light only. Brown bakelite construction.
R11272—Ea. 16¢
Ten for \$1.45

D10499—Less pull chain. 8¢
Ten for 70¢. Each.

D11278—Bakelite Twinline. Has two light sockets, no outlets. 8¢
Ten for 70¢. Each.

Drop Cord Pendant Switch With Triple Outlet
For ceiling lights in kitchens, etc. Switch controls light. Requires 3-wire cable for connection. Made of bakelite. Underwriters approved.
Each Ten for
C10403—Brown 23¢
C10404—Ivory 29¢
\$2.19
\$2.80

Feed Thru Toggle Switch
Brown Bakelite Construction. Underwriters approved.
R11209—Each 13¢
Ten for \$1.10

Friction Tape

Best quality. Cotton fabric. Free from pinholes. Impregnated with adhesive rubber compound. Holds fast.

Stock Number	Size Roll	Tape Width	Your Price
K5745	4 oz.	3/4"	9¢
K5746	4 oz.	1"	
K5747	8 oz.	1 1/2"	17¢
K5748	8 oz.	2"	

Rubber Tape
Made of highest grade rubber compound. Moulds into one solid mass making a waterproof joint that can never be separated. Will safely withstand 10,000 volts.

N5785	4 oz.	1 1/2"	11¢
N5786	8 oz.	2"	20¢

Scotch Tape 1700 Volt Insulation
C5737—30 Foot Roll. 1/2" Wide. YOUR PRICE... 29¢
For use on all radio and electrical work. Has all the advantages of varnished cambric and friction tape, plus greater adhesive properties and flexibility. Adheres to flat or irregular surfaces: wood, metal, paper, glass, bakelite, cloth, etc. Thickness 10 mils.

OK Plug Fuses
Tested finest quality. Porcelain body. Speaks for itself, "OK" in window vanishes when fuse is blown. Special construction expels fuses, but will not allow flame to escape. Amperage marked on each fuse. Underwriters approved.

Stock Num.	Amps.	Carton of Five
K11273	15	15¢ Per 100 \$2.50
K11274	16	
K11275	20	
K11276	25	
K11277	30	

Cartridge Fuses
Tested fine quality. Brass ferrule contacts, fibre casing. Amperage stamped on each fuse. UL approved.

Stock Num.	Amps.	Each
C10412—15		4¢
C10413—20		
C10414—25		
C10415—30		
C10416—30		
C10416—35		8¢
C10417—40		
C10418—50		
C10419—60		

Quintet Receptacle with Plate
A combination of five outlets embodied in a single gang bakelite plate. Fits ordinary receptacle box. Will take five flat caps and two round caps and one flat cap.

Each	Ten For
C13865—Brown 18¢	\$1.65
C13866—Ivory 23¢	2.15

Electric Heating Elements
NICHROME REPLACEMENT ELEMENT

D11270—Nichrome Wire Lengths. Coiled #22 wire, may be stretched to any length. Each length is 600 watts at 110 volts. Ten for 65¢. Each. 7¢

D11268—Air Heated Element. Coiled nichrome wire wound on ceramic form. 600 to 600 watts on 110-120 volts, etc. Ten for \$1.80. Each. 20¢

D11269—Laundry Iron Element. Standard replacement, fits 90% of the 6 pound irons such as Westinghouse, Sunbeam, etc. Ten for \$1.70. Each. 19¢

Bells and Buzzers

Have double coil magnets, silver contacts, iron box housing and gray finish. Will operate from 2-1 1/2 volt dry cells or transformers listed below.
C10405—Bell with 2 1/2" gong. 24¢
Each. Ten for \$2.19

C10406—Buzzer. 23¢
Ten for \$2.10. Each.

Economy Models
Similar to above but has only one coil magnet and bronze contact.
C10407—With 2 1/2" gong. 19¢
Ten for \$1.79. Each.

C10408—Buzzer. 18¢
Ten for \$1.69. Each.

Bell-Buzzer Combination C10409 49¢
Each. Ten for \$4.50
Combines bell for front door, buzzer for back door in one heavy gauge metal container. Operates from 2-1 1/2 volt dry cells or transformers listed below.

Bakelite Push Button
For door bells, test circuits, etc. Brown finish.
C10410—1 1/2" Square 8¢
C10411—1 1/4" Round 8¢
Each.

Bell Transformers
A6716—For 3 1/2" or 4" octagon and 4" sq. boxes. YOUR PRICE... 65¢
Ten for \$5.70

A6715—With mounting brackets. YOUR PRICE... 46¢
Ten for \$4.00

Suitable for door chimes and bells. For 110 volt, 50-60 cycle AC operation.

Bell Wire
Size 18 copper wire insulated with paraffined cotton braid.
K4300 50 ft. coil 12¢
K4301 100 ft. coil 22¢

New Insulated Staples
Drive like a nail. Easy to start and drive. Sharp pointed. 3/8" Long. 1/2" Spacing.

Number.	Insul. Color	50 for	1000 for
D11280	Copper	5¢	90¢
D11281	Brown		
D11282	Buff	5 1/2¢	98¢
D11283	White		

Plug-In Nightlite
For Dark Halls, Nursery, Stokroom, etc. Has built-in On-Off switch. Complete with 5 watt 110-120 volt bulb.
C11755—Each 17¢
Ten for \$1.50

Electrical Wiring Material

Brass Shell Sockets



Has snap-on cap with 1/8" pipe thread. Hard rubber bushing is supplied so that socket may be used for extension and drop cords. Bottom is threaded for shade holder. Will stand an average of 60,000 on-offs at 250 watts. Brushed brass finish. Approved by Underwriters.

Type Socket	Each	Ten For
D13800—Keyless	8 1/2c	\$0.78
D13801—Key	9c	.83
C13802—Push Thru	11c	1.05
C13803—Pull Chain	11c	1.05

Porcelain Shell Sockets



Pendant cap for use in damp places as garages, basements, etc. Underwriters approved.

Type Socket	Ea.	Ten For
D13804—Keyless	17c	\$1.50
D13805—Key	18c	1.57
D13806—Pull Chain	21c	1.86

Porcelain Fixture Sockets



(Sign Receptacle)
For replacement in ceiling fixtures, kitchen lights and bathroom lights. Underwriters approved.

C13807—Less Switch with 9" wire lead.	Ten for 49c. Each.....	5 1/2¢
C13808—Has pull switch with 4 ft. cord. Concealed terminals.	Ten for \$1.05. Each.....	11¢

Weatherproof Socket

One piece molded rubber body. Fully weatherproof. 3/4" Long = 14 wire leads. 1 1/2" Dia. shade holder groove. Rated 660 watts at 250 volts. Underwriters approved.

C13809	Each.....	7 1/2¢
	Ten for 70c	

Box Receptacles

Porcelain socket mounted on steel box cover. Fits octagon boxes. Has groove for clamp-on shade holder. Screw terminals. Underwriters approved.

Size	Each	10 for
D13810 3 3/4"	11c	\$0.98
D13811 4"	12c	1.10

Porcelain Receptacle



1 Piece white porcelain with groove for clamp on shade holder. Switch types have pull chain and 36" cord. Underwriters approved.

Size	Ea.	Ten For
C13812 3 3/4"	10 1/2c	\$0.95
C13813 4"	13 1/2c	1.20
With Switch Less Outlet		
C13814 3 3/4"	13 1/2c	\$1.25
C13815 4"	20c	1.85
With Switch and Outlet		
C13816 3 3/4"	24c	\$2.20
C13817 4"	32c	2.90

Toggle Switches

Flush wall mounting type with bakelite handle and porcelain body, finest quality construction. A product of Underwriters. Rated at 10 amps. 125 V., 5 amps 250 V. Fit any switch box.



Single Pole (S. P. S. T.)	Each	Ten for
D13818—Brown	9c	\$0.78
D13819—Ivory	10c	.85
3 Way (S. P. D. T.)		
C13820—Brown	13c	1.20
C13821—Ivory	14c	1.30

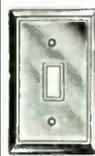
Duplex Flush Receptacles



Bakelite body. High quality construction. Phosphor bronze spring contacts. Approved by Underwriters. Rated at 15 amps. 125 V., 10 amps. 250 V.

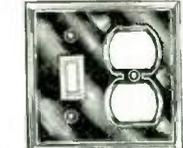
C10490—Brown bakelite.	10 for 60c Each.....	6 1/2¢
D10489—Ivory bakelite.	10 for 80c. Each.....	8 1/2¢
C10491—Brown bakelite mounted on 3 1/2" metal box cover.	10 for 90c. Each.....	9 1/2¢
C10492—Brown bakelite mounted on 1" metal box cover.	10 for \$1.00. Each.....	10 1/2¢

Switch and Receptacle Wall Plates



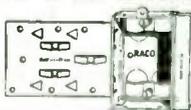
Strong durable bakelite plates in either brown or ivory. Have ribbed design with decorative border. Come complete with screws to match plate. Underwriters Approved.

Brown Bakelite		
C10493—For Single Toggle Switch.	Ten for	40c. Each 4 1/2¢
C10494—For Duplex Receptacle.	Ten for	40c. Each 4 1/2¢



C10495—For 1 Toggle Switch and 1 Duplex Receptacle.	Ten for 80c. Each.....	9¢
Ivory Bakelite		
C10496—For Single Toggle Switch.	Ten for 75c. Each.....	8¢
C10497—For Duplex Receptacle.	Ten for \$1.50. Each.....	17¢

Box with Bracket



Box with quick mounting bracket. One end mounts to wall stud, other end has latch support. Fits flush with finished wall.

For Non-Metallic and Armored (BX) Cables. With clamps.			
Depth	Each	Ten For	
C13839—2"	14c	\$1.35	
C13840—2 1/2"	15c	1.40	
Less Clamp			
C13841—2 1/2"	14c	1.35	
For Rigid or Thin-Wall Conduit. 1/2" K.O.'s			
C13842—2 1/2"	14 1/2c	\$1.40	

Handy Boxes



For mounting switches, receptacles, etc., on surface of garage, basement walls, attic, work benches, etc. Heavy galvanized rust resisting finish. 1/2" Knockouts for rigid iron or thin wall conduit. Size, 4"x2 1/4"x2 1/4". Underwriters approved.

C13831—Each.....	10¢
Ten for 95c	

Handy Box Covers



Heavy galvanized rust resisting finish. For use with above handy boxes. Size, 4"x2 1/4". Underwriters approved.

C13832—For Duplex Receptacle.	Each.....	6 1/2¢
C13833—For Toggle Switch.	Ten for 60c.	
C13834—Blank Cover.	Ten for 35c. Each.....	4¢

Universal Boxes



For old or new work. 14 Gauge steel, black enamel finished. Reversible and adjustable mounting ears. Removable sides for gang boxing. 1/2" K.O.'s. Underwriters approved.

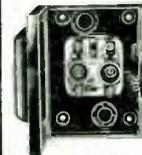
Depth	Each	Ten For
C13835—2"	9 1/2c	90c
C13836—2 1/4"	10c	95c
With Clamps to hold Armored (BX) and Non-Metallic Cable		
C13837—2"	10 1/2c	\$1.00
C13838—2 1/4"	11c	1.05

Surface Toggle Switches

Bakelite construction. Underwriters approved. Rated 10 amps. at 125 volts. Single pole.

	Each	Ten For
C13827—Less Plate	11c	\$1.00
C13828—For 3 3/4" Box	16c	1.50
C13829—For 4" Box	18c	1.65

Fused Entrance Switches



For all small installations. Rated load 30 amperes. Box, 7 1/2"x3 1/4"x 1 1/2" and 1" K.O.'s.

D13882—2 Wire ckt. 1 Plug Fuse. 1 Switch blade. 1 Solid neutral. For 125 volt use.	Ten for \$7.84. Each.....	82¢
D13883—2 Wire ckt. 2 Plug Fuses. 2 Switch blades. For 125 volt use.	Ten for \$8.33. Each.....	92¢
D13885—3 Wire ckt. 2 Plug Fuses. 2 Switch blades. 1 Solid neutral. For 125 or 250 volt use.	Ten for \$9.80. Each.....	\$1.08

Fused Branch Cutouts

Dead front fused outlet boxes with 1/2 and 3/4" knockouts. Cadmium plated. Hinged cover. Size 5 1/2"x7 1/4"x2 1/4". Each circuit 50 amps.	Each Ten for
D13889—Two Fuse.	\$1.08 \$ 9.90
D13890—Four Fuse.	1.42 13.37

Octagon and Square Boxes

Used as junction box and for ceiling and wall outlets. 14 Gauge steel black enamel finish. 1 1/2" Deep. May be used with conduit, BX or non-metallic cable. Underwriters approved.



With 1/2" Knockouts		
	Each	Ten For
C13846 3 3/4" Octagon	6c	\$0.55
C13847 4" Octagon	9c	.85
C13848 4" Square	10c	.95
With 1 1/2" and 3/4" Knockouts		
C13849 4" Octagon	9c	.85
C13850 4" Square	11c	1.05

Shallow Ceiling Boxes



14 Gauge steel. Underwriters approved. For Conduit

C13851—4" Dia., 1/2" deep. Has 5 1/2" K.O.'s and ears.	Ten for 55c. Each.....	6¢
C13852—As above less ears.	Ten for 50c. Each.....	5 1/2¢
For Armored Cable (BX)		
C13853—3 1/2" Dia., 3/4" deep. Has four K.O.'s with clamps to hold cable, fixture stud and ears.	Ten for \$1.05. Each.....	11¢
C13854—3 1/2" Dia., 1 1/2" deep. Has four K.O.'s in side, four in bottom, with clamps to hold BX cable and ears.	Ten for \$1.05. Each.....	11¢

Set-up Box with Hanger



Has hanger for mounting to ceiling joists. Clamps for holding loom, non-metallic or BX cable, fixture stud and ears. Four K.O.'s in side, four in bottom. 3 1/2" Dia., 1 1/2" deep. Underwriters approved.

C13855—Each.....	21¢
Ten for \$1.98	

Box Covers



Heavy gauge steel, black enamel finish. Underwriters approved.

3 1/4" Dia. Round Cover		
	Each	Ten For
C13856—Flat Blank	3c	25c
C13857—Raised blank	3 1/2c	30c
C13858—Raised and bushed for drop cord	3 1/2c	30c
C13859—Splitter for surface toggle switch	4c	35c
4" Dia. Round Cover		
C13860—Flat Blank	3 1/2c	32c
C13861—Raised and bushed for drop cord	4 1/2c	40c
C13862—Spider for surface toggle switch	4 1/2c	40c
C13863—With plaster ring and ears	5 1/2c	50c
4" Square Box Covers		
C13864—Flat Blank	5c	41c

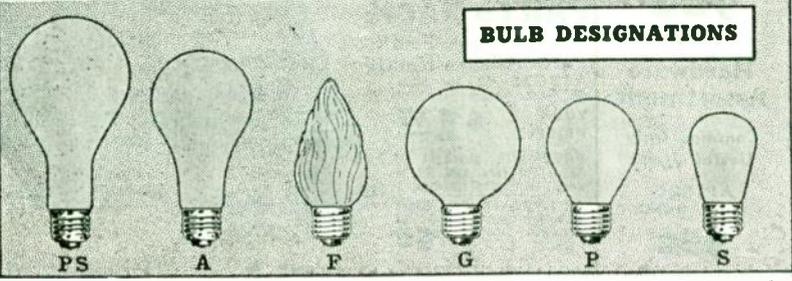
Box Hangers



C13873—Old work Ceiling fixture box hanger. With 3/8" sliding stud. Mounts in small hole. Ten for 80c. Each.....

C13874—New work ceiling fixture box hanger with 3/8" sliding stud. 19 1/2" long.	Ten for 75c. Each.....	8¢
Box Hangers		
C13875—Universal Box Hanger. Keeps box flush with finished wall. 2 1/2" long.	Ten for 55c. Each.....	6¢

MAZDA LAMPS



When your customers think of light bulbs, they think of Mazda. Cash in on the Mazda reputation by identifying yourself as a Mazda dealer. In bulb designations, the letter indicates style of bulb, the numeral gives approximate dia. in indicated multiples of one eighth of an inch. Lamps may be assorted to obtain quantity discount.

For 110, 115 and 120 Volt Operation

General Lighting—Inside Frosted
The standard bulb for general lighting use in homes, offices, factories, etc. Have long life.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14200	15	A-15	120	.10	8½¢	8¢
D14201	25	A-19	120	.10	8½¢	8¢
D14202	40	A-19	120	.13	11¢	10½¢
D14203	50	A-19	120	.13	11¢	10½¢
D14204	60	A-19	120	.13	11¢	10½¢
D14205	75	A-21	120	.15	12½¢	12¢
D14206	100	A-23	120	.15	12½¢	12¢
D14207	150	A-25	60	.20	17¢	16¢
D14208	200	PS-30	60	.27	23¢	21½¢
D14209	300	PS-35	24	.50	42½¢	40¢

Daylight IF Blue Lamps
Tinted blue glass, provides light closely approximating daylight. Inside Frosted.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14208	60	A-19	120	.25	21½¢	20¢
D14209	100	A-23	120	.25	21½¢	20¢
D14210	150	A-25	60	.45	38½¢	36¢

Vibration & Rough Service Lamps
A19 and A23 Will stand up under severe shocks and bumps. Inside frosted.
F19 Withstands high frequency vibration such as produced by high speed machinery. Clear bulb.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14211	50	A-19	120	.25	21½¢	20¢
D14212	50	P-19	120	.20	17¢	16¢
D14213	100	A-23	120	.35	29½¢	28¢

Silvered Bowl Reflector Lamps
Bowl has permanent Mirror Silver coating forming an efficient reflecting surface. Use base up for indirect lighting. Inside frosted.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14234	60	A-19	120	.23	19½¢	18½¢
D14235	100	A-23	120	.25	21½¢	20¢
D14236	150	A-25	60	.45	38½¢	36¢
D14237	200	PS-30	60	.62	52½¢	49½¢

American Made Quality Lamps
For 110-125 Volts AC or DC



A high quality American made lamp priced so that you may meet competition yet give your customers merchandise that you can stand back of. Guaranteed for 1000 burning hours. These types fill all requirements for standard purposes and will produce excellent light at the lowest cost per light hour.

Type A Inside Frosted Lamps

Stock Num.	Watts	Type	List	Each	Lots of 12 Ea.
D14239	15	A17	13¢	9½¢	9¢
D14240	25	A19	13¢	9½¢	9¢
D14241	40	A19	13¢	9½¢	9¢
D14242	60	A19	13¢	9½¢	9¢
D14243	75	A21	15¢	11¢	10½¢
D14244	100	A23	15¢	11¢	10½¢
D14245	150	A25	20¢	14¢	13½¢
D14246	200	PS30	27¢	23¢	21¢
D14247	300	PS35	60¢	56¢	54¢

Three Light Lamps Inside Frosted

Have Special Bases For I.E.S. Fixtures
*Has Mogul base, all other medium base.

Stock Num.	Watts	Type	List	Each	Lots of 12 Ea.
D14248	20-40-80	A21	45¢	32¢	30¢
D14249	40-60-100	A21	45¢	32¢	30¢
D14250	50-100-150	PS25	45¢	32¢	30¢
D14251	*50-100-150	PS25	45¢	32¢	30¢
D14252	*100-200-300	PS30	60¢	42¢	39¢

Three-Lite Lamps—Inside Frosted

Two separate filaments produce three levels of illumination. Requires special 3 contact mogul base.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14228	50	PS25	60	.45	38½¢	36¢
D14229	100	G30	24	.60	51¢	48¢

Lamps For Decorative Lighting

*Candelabra Base. C-Clear, IF-Inside Frosted, R-Red, Y-Yellow, AO-Amber Orange, W-White.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14230	6	S6 C*	120	.15	12½¢	12¢
D14231	6	S14 IF	120	.15	12½¢	12¢
D14232	6	S14 R	120	.20	17¢	16¢
D14233	6	S14 Y	120	.20	17¢	16¢
D14234	6	S14 AO	120	.20	17¢	16¢
D14280	7½	G11 W	120	.10	8½¢	8¢
D14281	7½	G11 R	120	.10	8½¢	8¢
D14282	10	S14 IF	120	.13	11¢	10½¢
D14283	10	S14 R	120	.13	11¢	10½¢
D14237	10	S14 Y	120	.18	15½¢	14½¢
D14238	10	S14 AO	120	.18	15½¢	14½¢

Flame Shape Mazda Lamps

*Candelabra Base. I-Ivory, W-White, F-Flame tint.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14222	15	F10*	60	.20	17¢	16¢
D14223	15	F10*W	60	.20	17¢	16¢
D14224	15	F10*F	60	.20	17¢	16¢
D14225	25	F15 I	120	.15	12½¢	12¢
D14226	25	F15 W	120	.15	12½¢	12¢
D14227	25	F15 F	120	.15	12½¢	12¢

G.E. Type D Lamps for Lighting Fixtures

Popularly used in unshaded fixtures.
*IF-Inside Frosted, I-Ivory, F-Flametint.

Stock Num.	Watts	Bulb	Std. Pkgs. Quan.	Std. Your Price	Std. Price	Std. Pkgs.
D14220	30	G19*IF	60	.10	8½¢	8¢
D14282	30	G19*I	60	.10	8½¢	8¢
D14283	30	G19*F	60	.10	8½¢	8¢

Metal Shade Light Reflectors

Plain enameled green outside, white inside. 10" Dia. For indoor use only. Fits shadeholders listed below.

Stock Num.	Type	Each	Ten For
D15894	Deep Type	18¢	\$1.70
D15895	Shallow Type	25¢	2.35

Porcelain Enameled

3 Coat vitreous porcelain enameled, rust proof for indoor or outdoor use. White inside, green outside. Best reflecting surface. Rolled rims. Easy to keep clean.

Stock Num.	Size	Each	Ten For
D15892	12" Dia.	42¢	\$3.92
D15893	14" Dia.	55¢	4.90

Shade Holder

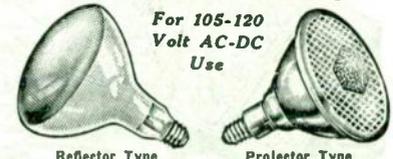
Made of brass. Fits all standard sockets and shades with 2½" flter.
D13867—Threaded to fit brass shell sockets.
Ten for 45c. Each.....5¢

D13868—Clamp type for brass shell sockets.
Ten for 60c. Each.....6½¢

D13869—Clamp type for light shades. Fits porcelain, bakelite and other sockets with shadeholder groove. Ten for 65c. Each.....7¢

D13870—Clamp type for heavy shades. Fits porcelain, bakelite and other sockets with shadeholder groove.
Ten for 70c. Each.....7½¢

Spot and Flood Lamps



Reflector Type **Projector Type**
New type lighting units providing spot and flood lighting at only a fraction of cost formerly required. Useful for lighting window displays, gardens, night clubs, etc. Consists of lens, reflector and filament in one complete unit. Fits standard medium screw base sockets. Spot lamps have a concentrated beam for illuminating distant objects. Flood lamps cover twice the area of the spot type. Burn in any position. Average life 1000 hours. Projector and 300 Watt Reflector lamps are for use in porcelain sockets only.

R-40 Reflector Lamps

For indoor use or outdoors when protected against weather. Size 5" dia., 6½" long.

Stock Number	Watts	Type	Price Each	\$4.25 Orders	Std. Pkgs.
D14267	150	Spot	\$0.93	\$0.79	\$0.74½
D14268	150	Flood	0.93	0.79	.74½
D14269	300	Spot	1.67	1.42	1.33
D14270	300	Flood	1.67	1.42	1.33

PAR-38 Projector Lamps

Made of rugged heat resisting glass with reflecting surface on inside. For indoor or outdoor use. Size 4½" dia., 5½" long.

Stock Number	Watts	Type	Price Each	\$1.17 Orders	Std. Pkgs.
D14271	150	Spot	\$1.37	\$1.17	\$1.10
D14272	150	Flood	1.37	1.17	1.10

Packed 12 to Standard Package

Swivel Socket Adapter

Permits above lamps to be adjusted to any angle when used in stationary sockets. Made of glazed porcelain, fully insulated. Retains its fixed position.

D13879
YOUR PRICE.....39¢
In Lots of 12 or More, Each 35c

Holder for Above Lamps

D13878—YOUR PRICE...92¢
In 12 Lots, Each 86c
3x5" Cast iron base has two holes for fastening down permanently or mounting onto walls. Adjustable porcelain socket with metal protective shell. Black wrinkle finish.

7 ft. Rubber cord and plug. No bulb included.

Color Lens Sets

For use with any of above lamps. Each set contains one lens holder and 4 glass lenses in the following colors: red, green, blue and amber.

D13887—For Projector (PAR-38) Lamps.
D13888—For Reflector (R-40) Lamps.
Either Type.
YOUR PRICE, Per Set.....85¢
In 12 Lots or More, Each Set 80c

Bench or Desk Lamp

D13871—Less bulb.
YOUR PRICE.....78¢
In lots of 6 or More, Each 73c
Why work under improper lighting conditions—equip your work bench or office with any number of these inexpensive desk lamps. Equipped with 12" flexible "goose neck" and 6½" dia. metal shade. Turn key knob socket with 6 ft. cord and plug. Heavy cast iron base. Finished in antique green with inside of shade brightly finished. A fine quality lamp.

Clamp-On Type Lamp

D13872—As above but has clamp instead of cast iron base. Clamp opens to 2" and has screw holes for permanently fastening to bench.
YOUR PRICE.....\$1.10
6 Lots or More, Each 98c

See Page 120 for a complete line of Fluorescent Fixtures and accessories

Radio Hardware



900
Piece
Hardware Assortment

Contains Only
Useful Items

A11826
YOUR PRICE

95c

A real Bargain! Purchased separately, this assortment would cost over \$2.50. Contains all these type items the busiest serviceman would ordinarily use. Included are approximately: 225 machine screws; 175 nuts; 100

screws, escutcheon screws, set screws, etc.; 150 rivets and eyelets; 250 fiber washers, rubber grommets; brass washers, lock washers, solder lugs, eyelet lugs. Packed in neat box with removable compartments.

Convenient PARTS RACK

Keeps Your Small Parts Always Handy

A17375—32 Jar Metal Rack. Less jars.

YOUR PRICE ... **\$1.37**

FREE with purchase of 32 Glass Jars and \$9.95 worth of radio hardware.

A11825—2 Oz. Glass Jars or above.

YOUR PRICE, Ea. ... **5c**

32 for \$1.25

SERVICEMEN! This jar and rack assembly will conveniently provide a place for keeping radio hardware, resistors, pilot bulbs, etc. Protected parts against dust and moisture. Ruggedly constructed black crackle



finished rack holds 32 square clear glass jars of 2 oz. capacity each. Jars have black enamelled screw-on caps. One or more racks can be placed side by side to provide a larger rack. Can be placed on the work bench or mounted on wall.

Round Head Machine Screws

Brass-Nickel Plated

Supplied in 10c Packets or in Gross Packages

Stock Num.	Size & Length	Quant. in 10c Pkg.	Price Gross
A11855	1/4"x1/4"	45	\$0.28
A11856	1/4"x3/8"	32	.33
A11857	1/4"x1/2"	25	.42
A11858	1/4"x1"	24	.55
A11859	1/4"x1 1/2"	16	.76
A11860	1/4"x2"	12	1.05

Steel-Cadmium Plated

A11861	1/4"x3/8"	72	\$0.18
A11862	1/4"x1/2"	58	.20
A11863	1/4"x3/8"	55	.24
A11864	1/4"x1/2"	50	.24
A11865	1/4"x3/8"	45	.27

A11867	1/4"x1/4"	100	.13
A11868	1/4"x3/8"	80	.16
A11869	1/4"x1/2"	80	.17
A11870	1/4"x3/8"	78	.17
A11871	1/4"x1/2"	72	.19
A11872	1/4"x3/8"	68	.20
A11873	1/4"x1/2"	65	.20
A11874	1/4"x3/8"	50	.27
A11875	1/4"x1 1/2"	38	.35
A11877	1/4"x2"	28	.45

A11878	1/4"x1/4"	72	.19
A11879	1/4"x3/8"	59	.23
A11880	1/4"x1/2"	54	.27
A11881	1/4"x3/8"	48	.28
A11882	1/4"x1/2"	37	.37
A11883	1/4"x3/8"	30	.41
A11884	1/4"x1"	25	.52
A11885	1/4"x1 1/2"	20	.63
A11886	1/4"x2"	10	1.35

Size 6/32 Flat Head Machine Screws

Steel-Cadmium Plated
Supplied in 10c Packets or 1 Gross Packages

Stock Num.	Length Inches	Quant. in 10c Pkg.	Price Gross
A11889	1/4"	110	12c
A11890	3/8"	100	13c
A11891	1/2"	80	17c
A11892	5/8"	72	19c
A11893	1"	65	20c

Spade Lug

For Anchoring Shield Cans to Chassis, etc. Steel Cadmium plated. Illustration is actual size. 6/32 screw.

A11814—TEN FOR **5c**
100 FOR **25c**
PER 1000 **\$2.35**

Ornamental Head Screws

Attractively embossed. Wide flat head 3/8 inch diameter 6/32 screws. Antique or Statuary Bronze Finish.

Number	Length Per Screw	Dozen	Per Hundred
C11926	3/8"	8c	44c
C11927	1/2"	9c	58c
C11928	1 1/4"	10c	68c

Hexagon Nuts

Chamfered and countersunk for quick assembly work.

Brass-Nickel Plated

Stock Num.	Screw Size	Size Dia	Quant. in 10c Pkg.	Price Gross
A11931	1/4"	1/4"	45	25c

Steel-Cadmium Plated

A11932	1/4"x3/8"	1/4"	50	23c
A11933	1/4"x1/2"	1/4"	50	23c
A11934	1/4"x3/8"	1/4"	50	23c
A11935	1/4"x1/2"	1/4"	25	45c

Palnuts

New stamped design. Nuts firmly grip screw eliminating need of lock washers. Cadmium plated. Can be used with socket wrench.

A12145	1/4"x3/8"	1/4"	65	15c
A12146	1/4"x1/2"	1/4"	65	15c
A12147	1/4"x3/8"	1/4"	65	15c
A12148	1/4"x1/2"	1/4"	60	17c
A12149	10/24"	1/4"	40	25c

Flat Washers

Proper size for radio work. Hole fits screw size given below.

Brass-Nickel Plated

Stock Num.	Size Hole	Quant. in 10c Pkg.	Price Gross
A11843	6	50	24c

Steel-Cadmium Plated

A11844	4	65	19c
A11845	6	60	22c
A11846	8	50	25c
A11847	10	30	31c

Split Lock Washers

Proper size for radio work. Made of high grade tempered steel.

Stock Number	Size Hole	Quant. in 10c Pkg.	Price Gross
C11965	4	62	21c
C11966	6	65	20c
C11967	8	72	18c
C11968	10	80	16c

Round Head Wood Screws

No. 1 Round Head Brass Wood Screws. Will fit practically every escutcheon plate. Length 1/2 inch.

A11930—PER GROSS **29c**
40 Screws in Packet for 10c

Radio Hardware Assortments

In Glass Jars

Any Assortment Below

YOUR PRICE EACH **22c**

Ten for \$2.10

Machine Screw, Washer and Nut Assortment

C11827—Contains 60-6/32 round head machine screws from 1/4" to 1" long, 60 washers and 60 nuts.

C11900—35 Assorted Size 6/32 Brass Nickel plated screws, 1/4-2".

C11901—105 Assorted Size 4/36 Steel Cadmium plated screws, 1/4-1".

C11902—115 Assorted Size 6/32 Steel Cadmium plated screws, 1/4-2".

C11903—85 Assorted Size 8/32 Steel Cadmium plated screws, 1/4-2".

C11894—85 Size 10/32 steel cadmium plated screws. Contains 40 screws 1/4" long, 25 of 1/4" length.

C11854—Contains 90 assorted machine screws: 15-0.32 1/4 to 3/8" nickel plated and 20-4.30 1/4 to 3/8", 10-6/32 1/4 to 3/8" and 15-8.32 1/4 to 3/8" steel cadmium plated types.

Nut Assortment

C11969—Contains 100 nuts: 15-6/32 brass nickel plated and 20-4/36, 40-8/32, 15-8/32 and 10-10/32 steel cadmium plated types.

Palnut Assortment

C11970—Contains 120 Palnuts: 20-4/36, 35-6/32 1/4, 35-6/32 3/8, 20-8/32 and 10-10/24 sizes.

Flat Washer Assortment

C11971—Contains 120 Flat Washers: 18-#6 brass nickel plated and 24-#4, 48-#6, 18-#8 and 12-#10 steel cadmium plated types.

PER THOUSAND **\$1.90**

Fahnstock Connectors

Wires held firmly in spring grip. May be instantly released.

A11433—Single connector. 3/8" wide, 1 1/2" overall length. Dozen Per Hundred **59c**

A11434—Double connector. 3/8" wide, 1 1/2" long. Dozen Per Hundred **25c**

A11441—Screw grip type. Takes screws up to 3/16" dia. Has lug for soldering lead. 1" long. YOUR PRICE, Each **4c**

Ten for 35c

Self-Tapping Screw Assort.

C11925—Contains 50 self-tapping screws in blunt and gimlet points with square and round heads. In popular sizes.

Lock Washer Assortment
C11972—Contains 120 lock washers. Includes split-lock and shake-proof. 10 of #4 hole, 65-#6, 25-#8 and 20-#10.

Fibre Washer Assortment
C11829—Contains 75 fibre washers. Complete range of sizes. Plain and shoulder types are included.

Solder Lug Assortment
C11973—Contains 90 solder lugs of assorted types listed below including locking type.

Angle Bracket Assortment
C11828—Contains 24 angle brackets best suited for radio work. Made of brass, nickel plated.

Rubber Grommet Assortment
C11809—Contains 30 rubber grommets of assorted popular sizes.

Spacer and Bushing Assortment
25 Spacers and bushings in 1/8 and 3/8" diameters from 1/4 to 3/8" long.

D11954—Insulated Type.
D11955—Brass Type.
YOUR PRICE, Less Jar **39c**

Locking Lugs and Washers

Insure permanent tight connections. When nut is tightened down they will not loosen regardless of vibration or shaking. Fitted.

A11849—3/8" lug with #8 hole.

A11849—3/8" lug with #8 hole.

A11850—3/8" washer with #8 hole.

A11851—3/8" washer with #8 hole. Per Hundred 20c

PER THOUSAND **\$1.90**

Lugs

Quality brass solder lugs. Fully fitted for easy soldering. Illustrations below are actual size.

C11920—A
C11852—B
C11853—C
C11921—D

50 for **10c**
100 for 18c
1000 for \$1.55

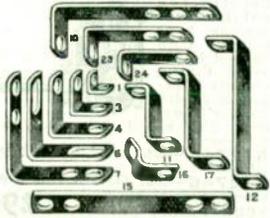
C11922—E
25 for **15c**
100 for 49c
1000 for \$4.11

C11923—As E but larger, 1/2" Hole, 1" Long overall. 25 for **21c**
100 for 75c
1000 for \$5.85

C11924—F
25 for **12c**
100 for 38c
1000 for \$3.10

Indispensable Hardware for Servicemen

Angle Brackets



Brass nickel plated. For mounting panels, tubes, coils, grid leads, etc. Width 1/2 inches.

Stock Number	Code Num.	Size Inches	Ten For
K11936	1	1/2 x 1/2	9c
K11937	3	3/4 x 3/4	15c
K11938	4	1 x 1	19c
K11939	6	1 1/2 x 1 1/2	25c
K11940	7	1 1/2 x 2	32c
K11941	10	1 1/2 x 2 1/2	35c
K11942	11	1 1/2 x high	10c
K11943	12	2 high	39c
K11944	15	3 long	29c
K11945	16	3/4 x 1/2	16c
K11946	17	1/2 x 1/2	25c
K11947	23	1/2 x 1 1/2	29c
K11948	24	1/2 x 1	15c

With Tapped Hole

C11956—Size, 1/2 x 1/2, 1/2" wide. One hole is tapped for #32 screw, other is plain. **16c**
Ten for \$1.49

"U" Type Bracket
C11957—Size, 1/2 x 1/2 x 1/2. 1/2" wide. 3/8" holes on top and center. 1/2" hole on bottom. **15c**
Ten for \$1.32

Rivet and Eyelet Punch Set

Produces Factory-Like Job.

Properly sets any rivet or eyelet used in radio work. Tools are made of hardened steel. Holder is made of cast iron. Hexagonal sides permit tool to be placed in a vise. Assortment of tubular rivets and eyelets included.

R11756—YOUR PRICE **\$1.32**

Rivet Clinching Tool For Tubular Rivets

Special machined face centers on rivet and a slight blow with hammer will turn the rivet body back against the material and clinches as securely as a power driven rivet. Size: 3/8" long, 1/4" dia. For 1/4" and 3/8" body diameter rivets.

K11750—YOUR PRICE, Each..... **34c**

Tubular Rivets "Eyelets"

Rivets for replacement and repair are a necessity for every serviceman. These are the most popular sizes. Body diameter 3/8".

K11815—3/8" long. **9c**
K11816—1/2" long.

5 for \$1.00..... **28c** Per 1000, \$1.85

Combination Rivet—Solder Lug

Rivet fits 3/8" hole. Illustration exact size. Plated with solder coating.

K11813—**29c**
PER HUNDRED.....
Per Thousand...\$1.95

Self Tapping Screws

Hardened steel cadmium plated screws. Screws cut own thread. No nut or tapping required. Simply drill hole and drive in screw. Ideal for replacing rivets. Supplied in blunt point with hexagon or round heads.



Round Stock Num.	Hex. Stock Num.	Size & Lgth.	Quant. in 10c pkg.	Price Per Gr.
A12300	A12314	6 x 1/4	15	\$0.76
A12301	A12315	6 x 1/2	14	.82
A12302	A12316	6 x 3/4	13	.88
A12303	A12317	6 x 1	12	.94
A12304		6 x 1 1/2	12	1.00
A12305	A12319	8 x 1/4	15	.79
A12306	A12320	8 x 1/2	14	.82
A12307	A12321	8 x 3/4	13	.88
A12308	A12322	8 x 1	12	.97
A12309	A12323	8 x 1 1/2	11	1.06
A12310	A12324	8 x 1 1/2	10	1.18
A12311	A12325	10 x 1/4	11	1.06
A12312	A12326	10 x 1/2	10	1.12
A12313	A12327	10 x 1	9	1.29

Sheet Metal Screws

Self tapping steel cadmium plated screws with round head and hardened glnet point. No nut required.

Size No. 6 Stock Num.	Price Gross	Lgth. In.	Size No. 8 Stock Num.	Price Gross
A11995	30c	1/2"	A11915	34c
A11996	32c	3/4"	A11916	36c
A11997	35c	1"	A11917	38c
A11998	40c	1 1/2"	A11918	40c

Bakelite Tubing



Smooth polished surface. All tubing listed has 3/8" wall.

Length 3 Inches			
Stock Number	Outside Diam.	Price Each	Ten For
C11328	1"	9c	\$0.80
C11329	1 1/4"	12c	1.05
C11330	2"	15c	1.39
C11331	2 1/2"	18c	1.55
C11332	3"	21c	1.85

Length 6 Inches			
Stock Number	Outside Diam.	Price Each	Ten For
C11441	1"	18c	\$1.60
C11442	1 1/4"	24c	2.10
C11443	2"	30c	2.76
C11444	2 1/2"	36c	3.10
C11445	3"	42c	3.70

Small Diameter Tubing
Phenolic "bakelite" tubing does not absorb moisture. High electrical and tensile strength. Easy to cut. Concentric hole full length. Supplied in 12" lengths.

Stock Number	Outside Diam.	Diam. Hole	Your Price
C11348	1/8"	1/16"	25c
C11350	1/4"	1/8"	27c
C11351	3/8"	1/4"	29c
C11352	1/2"	3/8"	32c
C11353	5/8"	1/2"	32c
C11355	3/4"	5/8"	35c

Solid Rods

Same material as above but solid.

Stock Number	Diam. Inches	Price Long	Price 2' Long
C11354	1/8"	15c	29c
C11356	1/4"	21c	41c
C11358	3/8"	25c	59c

Radio Tweezer

R11599—YOUR PRICE **21c**
For holding wires, nuts, etc. Tempered spring. Size 5 1/2" long.

All Steel Metal Parts Cabinet

Convenient and Practical
A15865—YOUR PRICE, Only..... **\$3.53**

In Lots of 3 or More, Each, \$3.37
A cabinet value that is hard to beat. Provides a very convenient storage place for all small radio parts and tools. Sturdy all steel construction. Finished in dark green crackle enamel with 6 drawers in smooth green enamel. The 6 drawers have compartments properly divided with permanently fastened partitions to accommodate a variety of different size radio parts: 1 drawer has fifteen divisions, each 2 1/2 x 3 1/2"; 1 with 12 divisions, each 2 1/2 x 3 1/2"; 2 with 6 divisions, each 4 1/4 x 4 1/4"; remaining two drawers have 4 divisions, one size 3 x 8 1/4" and three of 2 1/2 x 9 1/4". Card holders on each drawer. Size of cabinet: 10 1/2" x 11 1/2" x 13 1/4" deep. Two or more can be used to provide a larger unit.



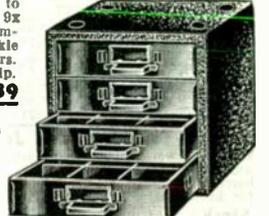
C15867—Same as above cabinet in construction and finish but smaller in size. Measures 9" high, 6" wide, 8" deep. 6 Drawers, each 5" x 8". 2 Drawers have ten compartments, 2 have six and 2 have 3. Ship. wt., 6 lbs. **\$1.76**
In Lots of 3 or More, Each, \$1.65

Economy All-Steel Parts Cabinets



D15866—Small Size 4 Drawer Cabinet. An outstanding value at this low price. Four 5x8" drawers; 2 drawers have six compartments and 1 has three. Size 5 1/2" wide, 8 1/2" deep, 6 1/2" high. Smooth green enamel finished. Ship. wt., 4 lbs. **88c**
YOUR PRICE, Each.....
In Lots of 3, Each 83c

D15868—Large Size 4 Drawer Cabinet. Sectional construction permits any number to be grouped and bolted together. Has four 9x 11 1/2 x 2 1/2" drawers divided into 12 equal compartments. Two-tone green finished; wrinkle finished case with smoothly enameled drawers. Size 10" wide, 11 1/2" deep, 10" high. Ship. wt. 10 1/2 lbs. **\$1.89**
YOUR PRICE, Each.....
In Lots of 3 or More, Each \$1.79



D15869—2 Drawer Cabinet. Similar to above. Two 9x11 1/2" drawers, one has 9 various sized compartments. Dark green enamel finished. Size 9 1/2" wide, 11 1/2" deep, 5 1/2" high. Ship. wt. 6 lbs. **\$1.10**
YOUR PRICE, Each.....
In Lots of 6 or More, Each 98c

Insulating Washers

For insulating equipment mounted on flat metal panels or chassis.

Stock Number	Flat Washers		Thick-ness	Ten for
	Outside Diameter	Hole Diameter		
K11831	1 1/2"	1 1/4"	1/16"	8c
K11832	1 1/2"	1 1/4"	1/8"	
K11833	1 1/2"	1 1/4"	3/16"	
K11834	1 1/2"	1 1/4"	1/4"	
K11836	1 1/2"	1 1/4"	5/16"	
K11837	1 1/2"	1 1/4"	3/8"	

Per Hundred **56c**

Extruded Washers

Shoulders fit into panel holes, insulating shaft, etc., in passing through panel.

Stock Number	Outside Diam.	Hole Diam.	Shoulder Diam.	Washer Thick.	Shoulder Raise	Ten for
K11838	1"	3/4"	3/4"	1/16"	1/8"	10c
K11839	1"	3/4"	3/4"	1/8"	1/4"	
K11840	1 1/4"	1"	1"	1/16"	1/8"	84c
K11842	1 1/4"	1"	1"	1/8"	1/4"	

Per Hundred

Insulated Grommet Bushings

Made of hard insulating material. Supplied complete with knurled nuts.

Stock Num.	Red	Fits Hole	In-side Dia.	Lgth	Ten for
R12060	R12064	1/8"	1/8"	3/8"	38c
R12061	R12065	1/4"	1/4"	7/8"	44c
R12062	R12066	3/8"	3/8"	7/8"	56c
R12063	R12067	1/2"	1/2"	7/8"	56c

Rubber Grommets

For insulating holes in any metal plate about 1/8" thick. Prevents cutting wires. Strong black rubber.

Stock Num.	Fit Hole	Inside Diam.	Per Doz.	Per Hun.
C11800	1/8"	1/8"	8c	52c
C11801	1/4"	1/4"	14c	54c
C11802	3/8"	3/8"	17c	59c
C11803	1/2"	1/2"	19c	62c
C11804	5/8"	5/8"	20c	68c

A11805—Assortment of 60 Grommets. 12 each of above. **47c**
YOUR PRICE.....

Rubber "Feet—Bumpers"

For use on bottom of cabinets, amplifiers etc. Recessed cavity for head of screw. Cannot scratch. Fits size 6 or 8 screws.

C11806—1/2" diam., 3/8" high. **19c**
C11807—3/4" diam., 1/2" high.
Per Hundred, 95c
Per dozen.....



Rubber Head Tack Bumpers

For use on bottom of cabinets and cases. Prevents marring of surface. Nail is firmly imbedded in rubber head.

C11818—1/2" Dia. **9c**
C11819—3/4" Dia.
Ten for.....
100 for 49c 1000 for \$3.85

SERVICEMEN'S SUPPLIES: JACKS • PLUGS

Standard Phone Plugs



Screw connection for one or two sets of cords with either phone tip or eyelet ends. In red or black molded bakelite or shielded metal barrel handles. All metal parts brass, nickel plated.

1 Circuit—2 Lead Type

Stock Num.	Barrel Type	Barrel Size	Pr.	Ten For
C12121	Red Bak.	3/4 x 1 1/2	17c	51.69
C12122	Black Bak.	3/4 x 1 1/2	17c	51.69
C12123	Red Bak.	3/4 x 1 1/4	17c	51.69
C11251	Black Bak.	3/4 x 1 1/4	17c	51.69
C12124	Shielded	1 1/4 x 1 1/2	28c	52.60
C12125	Shielded	1 1/4 x 1 1/4	28c	2.60
C12126	Shielded	3/4 x 1 1/4	37c	3.10

2 Circuit—3 Lead Type

C12127	Black Bak.	3/4 x 1 1/2	39c	53.60
C12128	Shielded	3/4 x 1 1/2	59c	5.45

Portable (Line) Jacks



For extension purposes where jack is not mounted on panel. All metal parts are brass, nickel plated. Available in black molded bakelite or shielded barrel types or less barrel with insulating washers for chassis mounting. Phosphor bronze springs. Size 3/4" dia., 1 1/2" long.

1 Circuit—2 Lead Type

C12129	Bakelite	1 1/4 x 1 1/2	28c	52.60
C12130	Shielded	1 1/4 x 1 1/2	45c	4.50
C12133	Less Barrel	1 1/4 x 1 1/2	17c	1.60

2 Circuit—3 Lead Type

C12131	Bakelite	3/4 x 1	35c	3.20
C12132	Shielded	1 1/4 x 2 1/4	59c	5.45
C12134	Less Barrel	1 1/4 x 1	21c	1.98

Barrels for Plugs and Jacks

Will fit above Plugs and Jacks and any others of equivalent size. Metal barrels have rubber grommet in end for insulation.

Stock Num.	I.D.	Outside D x L	Type	Your Price
D12135	1 1/2"	3/4 x 1 1/2	Black Bak.	9c
D12136	1 1/2"	3/4 x 1	Black Bak.	
D12137	1 1/2"	3/4 x 1 1/4	Red Bak.	Each
D12138	1 1/2"	3/4 x 1	Red Bak.	
D12139	1 1/2"	1 1/4 x 2"	Nickel Plated	24c
D12140	1 1/2"	1 1/4 x 1 1/2	Plated	35c
D12141	1 1/2"	1 1/4 x 1 1/4	Brass	24c
D12142	1 1/2"	1 1/4 x 1	Brass	15c

Standard Jack Plugs



Moulded body, 1 1/4 inch diameter with eyelet for anchoring cord.

C11250—YOUR PRICE 12c
Ten for \$1.05

Carter Flat Plug



Popular flat type plug. Ideal for wall plate connection. Body made of bakelite 1 1/2" dia., 3/4" thick.

Set screw connections take plug-in tips or wire ends. **C11208—YOUR PRICE... 33c**

Short Jacks



Smallest made. Solder lugs widely spaced. Heavy bakelite insulators eliminate leakage. Mount in 3/8 inch hole on 1/2 to 3/4 inch panels.

Take any standard plug. **C11220—1-Open Circuit.** **C11221—No. 2A—Single, Closed Circuit.** **YOUR PRICE, Each... 14c**
Ten for \$1.25

Infant Jack



A single circuit jack. Plated phosphor bronze spring will not lose tension. Tinned lugs. Bakelite insulation.

K11156—List, 25c. **YOUR PRICE... 15c**

Rotary Tap Switches

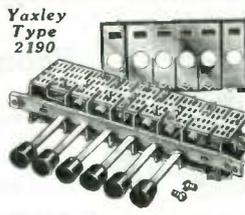
Requires 3/8" hole, in 1/4" or thinner panel. Single deck type extends 3/8" back of panel. Knob shaft, 1/4" dia., 1/4" long beyond bushing. Rotor grounded to frame. Wiping spring contacts. Will carry 3 Amps. at 110 Volts A.C. Non-Shorting Type.



Stock Num.	Number Contacts	Stock Num.	Number Contacts
D13200	3	D13205	8
D13201	4	D13206	9
D13202	5	D13207	10
D13203	6	D13208	11
D13204	7	D13209	12

Price Each **27c** Price Each **40c**

Push Button Switches



For use in test equipment and other switching circuits. Switches are non-shorting type, each button providing D.P.D.T. action. Depressing one button automatically releases others. Low loss construction. Includes statutory bronze escutcheon, brown bakelite knobs and blank inserts with transparent strip for identification window.

Stock Number	Mfg. Code	Num. of Buttons	Your Price
C10987	2194	4	\$2.35
C10988	2196	6	2.94
C10989	2198	8	3.53

Head Phone Cords



For Double Unit Headphones. Fine quality durable mercerized braid covering. Length 5 ft.

R4906—With pin tips on both ends.
R4907—With spade tips on phone unit end, pin tips on other end.
TEN FOR \$1.65. **PRICE EACH... 17c**

Two Conductor Cords

For Speakers or Single Unit Headphones. Finest quality glossy mercerized covering. Lgth. 5 ft. **R4908—Pin tips one end, spade tips other.** **EACH 8c**
R4909—Pin tips both ends. Ten for 74c

Extension Cords



Fine Stranded Copper Wire Conductors. Each conductor rubber insulated and covered with cotton braid. Two conductors. Braid covering over all. Cord tips each end.

Stock Number	Length Feet	Price Each	Ten For
R4900	10	18c	51.70
R4901	20	22c	2.10
R4902	30	33c	3.20
R4903	50	44c	4.65

Extension Connector



Takes phone tip ends. **C11252—Ten for 75c** **8c** EACH

Yaxley Push Button Jack Switches

Contacts made and broken by pressure on knob. Non-locking type returns to original position when pressure released. Locking type remains in depressed or raised position.



Single Pole—Single Throw

Makes Contact in Single Circuit. **K11126—Code 2001. Non-locking.** **K11127—Code 2001L. Locking.** List price \$0.90. **YOUR PRICE, Each... 53c**

Single Pole—Double Throw

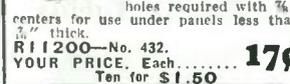
One circuit completed in up position. In depressed position, first circuit broken and one of contacts switched to second circuit. **K11130—Code 2003. Non-locking.** **K11131—Code 2003L. Locking.** List Price \$1.00. **YOUR PRICE, Each... 59c**

Double Pole—Double Throw

Two separate circuits closed in "up" position. In depressed position, one contact from each circuit is connected to a second set of separate circuits. **K11136—Code 2006. Non-locking.** **K11137—Code 2006L. Locking.** List Price \$1.50. **YOUR PRICE, Each... 88c**

Circuit Opening Twin Tip Jacks

Circuit opens when both pin tips are in place. Closed while either one alone is in position. Used in circuits for current and voltage measurements. Mounts above or below panel with standard 5/8" screw. 3/4" holes required with 3/8" centers for use under panels less than 3/8" thick. **R11200—No. 432.** **YOUR PRICE, Each... 17c**
Ten for \$1.50



Porcelain Base Knife Switches

Glazed white porcelain bases. Copper contacts and blades with screw lug connections.

Stock Num.	Type	Size Inches	Your Price
N11105	S.P.S.T.	1 1/4 x 1 1/4	9c
N11106	S.P.D.T.	1 1/4 x 2 1/4	11c
N11107	D.P.S.T.	1 1/4 x 1 1/4	17c
N11108	D.P.D.T.	1 1/4 x 2 1/4	19c

Small Bakelite Base Knife Switches

Base lengths:—
Double Throw 2 1/2 inches;
Single throw 1 1/2 inches.
Moulded bakelite base and handle. Contacts and blades, brass nickel plated. **Single Throw—Double Throw**

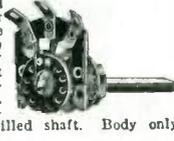
Stock No.	Poles	Each Net	Stock No.	Poles	Each Net
K11109	1	\$0.32	K11114	1	\$0.38
K11110	2	.44	K11115	2	.50
			K11116	3	.76
K11112	4	.88	K11117	4	.94
K11113	5	1.29	K11118	5	1.32

Miniature Switches

Compact, substantial. For base panel mounting. Bakelite base 1 1/4" long. Nickel plated blades and posts. S. P. 3/4" wide, D. P. 1" wide. **K11120—S.P.S.T. Each... 9c**
K11121—S.P.D.T. Each, 15c
R11123—D.P.S.T. Each, 21c
R11122—D.P.D.T. Each, 24c.

Centralab Tone Switches

Constructed chiefly for use as tone switches. Can be used in any circuit. Current capacity 1 ampere at 6 volts. "Ticker" movement. 2 1/4" milled shaft. Body only 1 1/2" deep.



N12745—Code 1460. 1 Pole 2 Positions. Size 1 1/4" x 1 1/2".
N12746—Code 1461. 1 Pole 3 Positions. Size 1 1/4" x 1 1/2". **YOUR PRICE EACH... 29c**
N12747—Code 1462. 2 Pole 2 Position. Size 1 1/4" x 1 1/2". **YOUR PRICE... 35c**

Centralab Lever Switches

Low Capacity—Compact



For extremely compact mounting. Very little space required behind panel: 1 1/2" deep, 1 1/2" high and 3/4" wide for each switch. Knob included. "Spring action returns lever to mid-position from either side. Spring action to mid position from one side only. With spring return action to original position. Others positive action in all positions.

Shorting Stock Num.	Mfg. Code	Non-Short. Stock Num.	Mfg. Code	Poles	Positions
B10910	1452	B10915	1454	2	3
B10911	1453	B10916	1455	2	3*
B10912	1466	B10917	1467	2	3†
B10913	1459	B10918	1458	4	2
B10914	1456	B10919	1457	4	2†

Mounting Plates for Above

Num.	GANES	Price	Black crackle finished steel plate. Size 2 1/2" high by 4 1/2" wide.
B10920	1	12c	2 1/2" x 4 1/2"
B10921	2	18c	2 1/2" x 4 1/2"
B10922	3	21c	2 1/2" x 4 1/2"
B10923	4	26c	2 1/2" x 4 1/2"
B10924	5	29c	2 1/2" x 4 1/2"

C-H S. P. D. T. Toggle Switch With "Off" Position

Makes or breaks two circuits and has "off" position in center. Toggle shaft is insulated from switch. Mounting size 1 1/2" x 1 1/2" x 1 1/2" deep. Three screw terminal connections. **C11070—YOUR PRICE... 20c**
Ten for \$1.80



Push Button Switch

C11075—Open Circuit. **YOUR PRICE 10c** EACH
Ten for 95c
Fine quality. Pearl center with polished nickel rim. Fits 3/8" hole. Screw connectors eliminate soldering. Suitable for circuits up to 250 volts. 2 amps. Phosphor bronze contact.



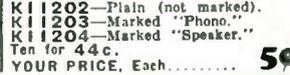
Rotary Canopy Switch

C11089—Single pole on-off rotary switch. Rated 1 ampere at 250 volts. Shank mounts in single 3/8" hole in panels up to 3/4" thick. Brown bakelite knob. 6" insulated leads. **YOUR PRICE... 21c**
Ten for \$1.90



Twin Tip Jacks

Sure contact, nickel tip jacks mounted in bakelite strip, 2" long, 1 1/2" wide. Mounting holes 1 1/8" centers. **K11202—Plain (not marked).** **K11203—Marked "Phone."** **K11204—Marked "Speaker."** **TEN FOR 44c.** **YOUR PRICE, Each... 5c**



TOGGLE · PUSH BUTTON · ROTARY SWITCHES

Toggle-Panel Switches

Underwriters approved, 3 amp., 125 V.—1 amp. 250 V. For controlling radio sets, motors, lamps, meters, etc. Two locknuts included. Best quality, H. & H. brand, laminated fiber construction. Solder lug connections. Available in Nickel or Statuary Bronze.

Single Pole—Single Throw 2 Connections

Makes and breaks a single circuit. Standard "ON" and "OFF" switch. Mounting sleeve 3/8" diameter. 3A. 125V. 1A. 250V.

Stock Number	Brz	Nickel	Siv.	Year	Price
			Lgth.	Each	Ten
C10925	C11010	1/2"	17c	\$1.53	
C10926	C11011	1/2"	17c	1.53	
C10928	C11013	1/2"	20c	1.80	

Single Pole—Single Throw Heavy Duty

Same as above switch except will handle heavier current. 6 amps., 125 V. or 3 amps., 250 V.

Stock Number	Brz	Nickel	Siv.	Year	Price
			Lgth.	Each	Ten
C10994	C10997	1/2"	18c	\$1.65	
C10995	C10998	1/2"	18c	1.65	
C10996	C10999	1/2"	22c	2.02	

Single Pole—Double Throw or Three Way 3 Connections

Can be used as Three way, or single pole double throw. Mounting sleeve 3/8" diameter. 3A. 125 V. 1A. 250V.

Stock Number	Brz	Nickel	Siv.	Year	Price
			Lgth.	Each	Ten
C10929	C11014	1/2"	21c	\$1.89	
C10930	C11015	1/2"	21c	1.89	
C10932	C11017	1/2"	24c	2.16	

Double Pole—Single Throw 4 Connections

Cuts two circuits in and out. "On" and "Off" for two circuits. Mounting sleeve 3/8" diameter. 3A. 125V.—1A. 250V.

Stock Number	Brz	Nickel	Siv.	Year	Price
			Lgth.	Each	Ten
C10933	C11018	1/2"	30c	\$2.70	
C10934	C11019	1/2"	30c	2.70	
C10936	C11021	1/2"	30c	2.70	

Double Pole—Double Throw 8 Connections

Feeds two circuits into either one of two pairs of circuits. A new development of many uses. Mounting sleeve 3/8" diameter. 3A. 125V.—1A. 250V.

Stock Number	Brz	Nickel	Siv.	Year	Price
			Lgth.	Each	Ten
C10937	C11022	1/2"	35c	\$3.15	
C10938	C11023	1/2"	35c	3.15	
C10940	C11025	1/2"	38c	3.42	

Streamline Sliding Lever Switch

For modernizing appliances, panels, etc. Bakelite slide lever can be pried off and plate removed. Fits hole 1 1/4" x 1 1/4" deep. Polished nickel plate, size 1 1/2" x 2 3/8". For AC or DC. Rated 3 amps. at 125 volts. "One circuit is "on", other "off".

Stock Number	Type	Price Each	Ten For
A11000	S.P.S.T.	33c	\$3.10
A11001	Two Circuit*	40c	3.80
A11002	S.P.D.T.	40c	3.80
A11003	D.P.S.T.	45c	4.27
A11004	D.P.D.T.	54c	5.13

Momentary Contact

Switch must be held in position. For AC operation only. †Normally off.

Stock Number	Type	Price Each	Ten For
A11005	S.P.S.T.†	39c	\$3.78
A11006	Two Circuit*	45c	4.27
A11007	S.P.D.T.†	45c	4.27
A11008	D.P.S.T.†	54c	5.13
A11009	D.P.D.T.†	59c	5.60

Rotary Panel Switches

Underwriters approved. 3 amps. at 125v., 1 amp. at 250 volts. Best quality. H. & H. brand. Cadmium plated lugs. Supplied with locknuts. Mounts in 3/8" hole. Shaft extends 1" out of sleeve.

Single Pole—Single Throw 2 Connections

Stock Number	Sleeve Length	Price Each	Ten For
A11030	1/2"	15c	\$1.35
A11031	1/2"	16c	1.44
A11032	1/2"	22c	2.05

Single Pole—Double Throw 3 Connections

Stock Number	Sleeve Length	Price Each	Ten For
A11034	1/2"	20c	\$1.79
A11035	1/2"	21c	1.89
A11036	1/2"	29c	2.75

Double Pole—Single Throw 4 Connections

Stock Number	Sleeve Length	Price Each	Ten For
A11038	1/2"	32c	\$2.88
A11039	1/2"	32c	2.88
A11040	1/2"	34c	3.20

Double Pole—Double Throw 6 Connections

Stock Number	Sleeve Length	Price Each	Ten For
A11042	1/2"	37c	\$3.33
A11043	1/2"	37c	3.33
A11044	1"	38c	3.60

Key Lock Switch

Single Pole-Single Throw
A11055
 Your Price **25c**
 Ten for **\$2.37**
C11056—D. P. S. T.
 YOUR PRICE, EACH.....**47c**
 Ten for **\$4.65**
 Key removable when circuit is broken. Mounting sleeve 3/8" diam. 3/8" long. Attractive lock nuts included. One key supplied. Underwriters approved. 3 amp. 125 volts. Body size 3/8" deep. 3/8" wide. 1 1/2" long.

Two Circuit Push Button Switches

Two circuit non-indicating slow make and quick break momentary contact switches. One circuit is normally ON and the other is normally OFF. Pressing the push button reverses the "off" and "on" position of the circuits. When pressure on the push button is released the condition of the circuits return to normal. Finest quality. Laminated bakelite or fibre insulation. Tinned copper solder lug connections. Rating 75 watts, 125 volts, A.C. Standard 3/8" diam. bushing 3/8" long.

With Metal Plunger

Same switch as used on Supreme and other makes of instruments.
A11046—
 Your Price **22c**
 Ten for **\$1.99**

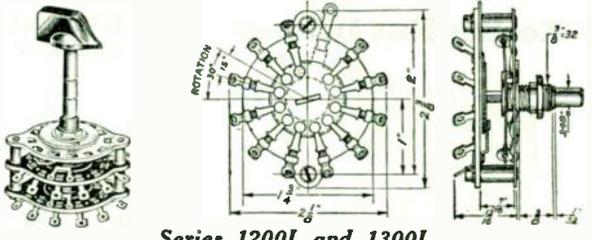
With Bakelite Button Plunger

Supplied with a bakelite or red bakelite concave button on end of plunger.
A11048—Red Button
A11049—Bak Button
 Your Price, Each.....**29c**
 Ten for **\$2.60**

"OFF" - "ON" TOGGLE SWITCH PLATE

For use with any standard panel type toggle switch. Available in nickel or statuary bronze.
C11059—Statuary Bronze.
C11058—Nickel.
 YOUR PRICE, Each.....**2c**
 Ten for **12c**

New Yaxley Rotary Tap Switches



Series 1200L and 1300L

Switches are identically same construction as used and specified by majority of radio manufacturers making all-wave receivers. All contacting members are heavily silver-plated to withstand severe wear throughout life. Lowest contact resistance and capacity permits use of this switch in any circuit. Most perfect and positive indexing system used eliminates possibility of setting switch between contacts.

Adjustable stop feature provides various circuit combinations in each switch. 3/4" Aluminum shaft 2" long is knotted to permit easy cutting at popular lengths. Multiple gang switches have 1/2" spacing between decks. Shorting switch provides a continuous circuit without any break between contact settings. Supplied with bar knob. All switches take 30 degree dial plates listed below.

Shorting		Non-Shorting		Num. of Ganges	Circuits per Switch	Contacts per Circuit	List Price	Your Price
Stock Num.	Yaxley Code	Stock Num.	Yaxley Code					
R13250	1216L	R13262	1316L	1	1	1 to 6	\$1.00	59c
R13251	1211L	R13263	1311L	1	1	1 to 11	1.15	68c
R13252	1215L	R13264	1315L	1	2	1 to 5	1.25	73c
R13253	1213L	R13265	1313L	1	3	1 to 3	1.35	79c
R13254	1212L	R13266	1312L	1	4	1 to 2	1.45	85c
R13255	1226L	R13267	1326L	2	2	1 to 6	1.60	94c
R13256	1221L	R13268	1321L	2	2	1 to 11	1.75	\$1.03
R13257	1225L	R13269	1325L	2	4	1 to 5	2.00	1.28
R13258	1223L	R13270	1323L	2	6	1 to 3	2.10	1.33
R13259	1231L	R13271	1331L	3	3	1 to 11	2.35	1.38
R13260	1241L	R13272	1341L	4	4	1 to 11	3.00	1.76

Yaxley Series 3100J and 3200J Single Gang Combination Switches

Newly designed compact single gang switches used in majority of compact all-wave receivers. Heavily silver-plated contact points. Low capacity and low contact resistance. Various circuit combinations are provided when only certain sections of the switch are used and with the use of the adjustable stop plate.

New 2" long, 3/4" dia. universal shaft is notched to provide easy cutting at popular lengths. Shaft bushing fits into 3/8" hole. Body thickness 1/2". Maximum body depth including terminal lugs is 1 1/2". Diameter 1 1/4". Take 30 degree plates. Have adjustable stop feature and diameter of 1 1/4". Take 20 deg. plates. Bar Knob Included.

Shorting		Non-Shorting		No. of Circuits (Poles)	Contacts per Circuit (Throws)	List Price	Your Price
Stock Num.	Yaxley Code	Stock Num.	Yaxley Code				
R13275	3115J	R13285	3215J	1	1 to 5	\$0.75	44c
R13276	3112J	R13286	3212J	1	1 to 12	.75	
R13277	3117J*	R13287	3217J*	1	1 to 17	1.35	79c
C13273	3122J	R13288	3222J	2	1 to 2	.75	44c
C13274	3123J	R13289	3223J	2	1 to 3	.75	44c
R13278	3126J	R13290	3226J	2	1 to 6	.75	44c
R13279	3129J*	R13291	3229J*	2	1 to 9	1.35	79c
R13280	3134J	R13292	3234J	3	1 to 4	.90	53c
R13281	3136J*	R13293	3236J*	3	1 to 6	1.59	59c
R13282	3142J	R13294	3242J	4	1 to 2	.85	50c
R13283	3143J	R13295	3243J	4	1 to 3	.90	53c
R13284	3163J*	R13296	3263J*	6	1 to 3	1.50	88c

Bat Handle Toggle Switches

Bat handle permits quicker, easier operation. Best quality H. & H. brand. Nickel plated sleeve and handle. Two nuts included. Mounts in 3/8" hole. 3 Amps. at 125 v., 1 amp. at 250 v. Solder lug terminals. Underwriters approved. Heavy duty type, 6 amps. at 125 v., 3 amps. at 250 v.

Stock Number	Type	Siv.	Price Each	Ten For
D10907	SPST	1/2"	17c	\$1.53
D10908	SPST	1/2"	17c	1.53
D10909	*SPST	1/2"	18c	1.65
D10941	SPST	1"	20c	1.80
D10942	SPDT	1/2"	21c	1.89
D10943	SPDT	1/2"	21c	1.89
D10944	DPST	1/2"	30c	2.70
D10945	DPST	1/2"	30c	2.70
D10946	DPDT	1/2"	35c	3.15
D10947	DPDT	1/2"	35c	3.15
D10948	DPDT	1/2"	38c	3.42

Etched Dial Plates For Above Tap Switches

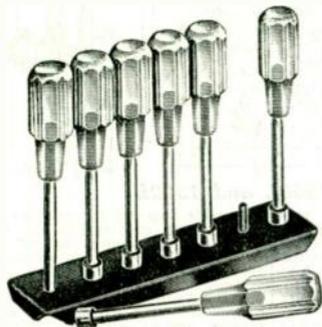
Bright aluminum raised figures on black background. 1 1/2" Dia. 3/8" Hole.
 PRICE EACH.....**9c**

Numerical Spacing		Dial Markings
30 Degree Stock Num.	20 Degree Stock Num.	
R13302	R13312	1 to 3
R13303	R13313	1 to 4
R13304	R13314	1 to 5
R13305	R13315	1 to 6
R13307	R13317	1 to 8
R13308	R13318	1 to 9
R13309	R13319	1 to 10
D13337	D13347	1 to 10
R13310	R13320	1 to 11
R13311	R13321	1 to 12
	R13324	1 to 15
	R13326	1 to 17
	R13327	1 to 18

For Volume Controls
 D13300—Dia. 2 1/4" 0-100.
 YOUR PRICE, Each.....**15c**

HIGH QUALITY Tools

Xcelite Nut Drivers



Unbreakable Shockproof Handles

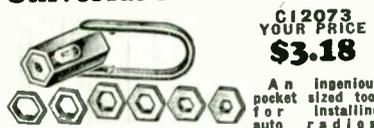
Transparent firm grip handle will withstand 5000 volts. Guaranteed against splitting and breaking. Sockets free from burrs, truly formed, and deep enough to handle two nuts. Hollow shaft stem up to 1 1/2" permits removal of nuts on long projecting screws. Sockets and 3" long shanks expertly tempered, fully polished. Steel mounting rack.

6 Inch Length		9 Inch Length	
Stock Number	Your Price	For Hex. Nut	Stock Number
A11974	38c	1/8"	A12077
A11975			A12078
A11976			A12079
A11977			A12080
A11978			A12081
A11979			A12082
A11980	44c	3/16"	A12083
A12075			A12084
A12076	56c	1/2"	A12085

Hollow Shaft Type

Stock Number	Your Price	For Hex. Nut	Fits Volume Control Nuts
A11983	59c	1/4"	}
A11984	71c	3/8"	
A11982—5 Unit Mounting Rack — Will hold any five above wrenches. YOUR PRICE 12c			
FREE with any 5 of above wrenches			
A11982—7 Unit Mounting Rack — Will hold any seven above wrenches. YOUR PRICE 15c			
FREE with any 7 of above wrenches			

Universal Socket Wrench



A12073 **YOUR PRICE \$3.18**
An ingenious pocket sized tool for installing auto radios, heaters, and for general radio work. The head of the tool takes any of the 7 standard popular socket wrenches provided. All wrenches not in use fit in the hollow handle and lock in place. Socket sizes furnished: 1/8", 3/16", 1/4", 5/16", 3/8" and 1/2". Ship. wt., 3 lbs.

Genuine Klein Pliers

The World's Standard of Quality

Klein pliers are made of the best fine tool steel, guaranteed the highest quality on the market.

Narrow Nose Oblique Plier



Cuts close, the narrow head permitting use in confined places. Knives perfectly fitted so that they meet accurately at all points.
C11655 5 Inch. Each..... **\$2.00**
C11656 6 Inch. Each..... **\$2.15**

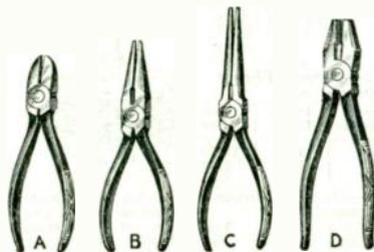
Long Nose Side Cutting Plier



Pt. No. 203
Fine cutting assured. Knives carefully fitted. Body of the plier is hardened and tempered. Point 1/4 inch round.
C11657 5 Inch. Each..... **\$2.05**
C11658 6 Inch. Each..... **\$2.30**

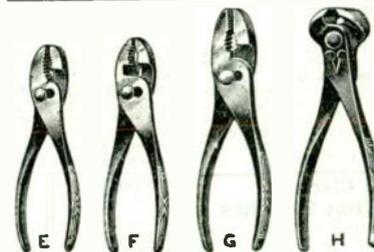
Kraeuter Pliers

The Choice of Skilled Mechanics



Only the best material and perfect workmanship go into the production of Kraeuter pliers. Pliers are drop forged of extra high grade steel. Blued steel finish knurled handles will withstand a pressure of 140 to 165 lbs. without breaking. Jaws are milled and tested for pulling strength. Cutting edges are trips tested—first, to cut blow steel wire; second, to cut silk covered wire; third, for cutting hard drawn nails. Heads are highly polished. Made in America. *Pliers are especially suitable for delicate work such as meter or watch repairing, having fully polished finish.

Stock Number	Type	Description	Length Overall	Your Price
C12095	A	Side Cutting	4 1/2"	\$1.27
C11562	A	Side Cutting	5"	.73
C12096	A	Side Cutting	5"	1.23
C11563	A	Side Cutting	6"	.93
C11564	B	Needle Pt. Nose	5"	1.13
C11565	B	Long Nose	6"	.79
C11566	C	Extra Long Nose	7"	1.11
C12097	C	Needle Pt. Nose	7"	1.31
C11567	D	Electrical Pliers	6 1/2"	.73
C11568	D	Electrical Pliers	7"	.86
C11569	D	Electrical Pliers	8"	.93



All have smooth handles. †Tumble nickel finish. ‡Black handles, polished head.

Stock Number	Type	Description	Length	Your Price
C12098	E	All Purpose†	6"	1.4c
C11570	E	All Purpose†	6"	50c
C11571	F	Side Cutting	5 1/2"	88c
C11572	G	Shearing Type	6"	64c
C11595	H	End Cutting	7"	86c

Amberyl Nut Drivers

With Transparent Unbreakable Handles



You can save time, temper and money by using these high quality nut drivers in your radio service work. Shank is firmly embedded in clear transparent unbreakable shock-proof handle that will not chip or crack even when subjected to hammer blows. Handles are large enough and properly formed for best grip. Hardened steel socket. Stems made to take projecting screws from 1/4 to 3/8" long depending on socket size. Overall length 6".

Stock Num.	For Hex Nut	Your Price	C13007—Set of Seven (One of Each)
C13000	1/8"	29c	YOUR PRICE
C13001	3/16"		
C13002	1/4"		
C13003	5/16"		
C13004	3/8"		
C13005	1/2"		
C13006	5/8"		
		Each	\$1.83

Volume Control Nut Drivers

Full length hollow shaft handles take volume control shafts up to 4 1/2" long. Cross bracket in handle positively prevents handle from turning.

C13038	1/4"	} Each 59c	C13040—Set of Two \$1.06
C13039	3/8"		

Amberyl "Lifetime" Screw Drivers

Guaranteed Unbreakable—Rust-Proof

Finest quality screwdrivers at a new economy price. Clear transparent unbreakable shockproof Amberyl handle will not chip or crack even when subjected to most severe hammer blows. Handles are large enough and properly formed for best grip. The blades are forged of a tough crucible alloy steel, correctly oil tempered and cadmium plated. Guaranteed not to rust. Blades positively will not turn in the handle. A size for every need is listed below.

With 1/8" Round Blades



Will fit knob screws. Narrow blade tip properly formed for radio work.

Stock Number	Blade Length	Price Each	C13012—Set of 4 Screwdrivers. YOUR PRICE
C13008	3"	9c	78c
C13009	4"	21c	
C13010	6"	26c	
C13011	8"	30c	

With 3/16" Round Blades



All 3/8" and 1/2" dia. blade screwdrivers except 8" long type have flange on blade at handle. This will prevent blade from being driven thru handle when hit heavily with a hammer.

Stock Number	Blade Length	Price Each	C13018—Set of 5 Screwdrivers. YOUR PRICE
C13013	3"	25c	\$1.31
C13014	4"	29c	
C13015	5"	29c	
C13016	6"	31c	
C13017	8"	33c	

With 1/4" Round Blade

Stock Number	Blade Length	Price Each	C13024—Set of 5 Screwdrivers. YOUR PRICE
C13019	1 1/4"	33c	\$1.69
C13020	3"	32c	
C13021	4"	36c	
C13022	6"	41c	
C13023	8"	46c	

With 1/4" Square Blade For Heavy Duty Use



Stock Number	Blade Length	Price Each	C13028—Set of 4 Screwdrivers. YOUR PRICE
C13026	3"	34c	\$1.56
C13026	5"	38c	
With 5/16" Square Blades			
C13027	6"	49c	\$1.56
C13028	8"	52c	

Grip-Point Screw Drivers



Holds screw firmly by engaging revolving tongue in screw slot. Easily operated with one hand. Quickly sets screw in inaccessible places. Finest quality hardened tool steel blade. Transparent unbreakable handle as above screwdrivers.

Stock Num.	Takes Screws	Blade Dia.	Blade Lgth.	Overall Length	Your Price	Set of 3
C13030	1 to 6	3/8"	4 1/2"	7 1/2"	55c	\$2.10
C13031	4 to 14	1/2"	4 1/2"	7 1/2"	71c	
C13032	8 to 20	5/8"	4 1/2"	8 1/2"	82c	

"Phillips" Screw Drivers



For use with Phillips self-centering screws commonly recognized by the cross slots in the head. Special design prevents driver from slipping out of screw slot. Best quality forged, tempered alloy steel blades. Same transparent unbreakable handles as above screwdrivers.

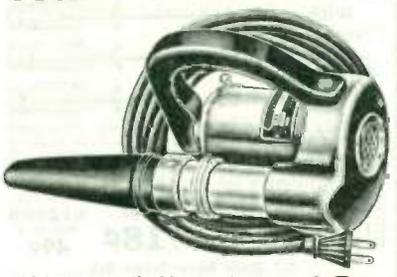
Stock Num.	Takes Screws	Blade Dia.	Blade Lgth.	Overall Length	Your Price	C13041—Set of 5 PRICE
C13033	to 4	3/8"	3"	5 1/2"	39c	\$2.18
C13034	to 4	1/2"	3 1/2"	4 1/2"	41c	
C13035	5 to 9	3/8"	3 1/2"	4 1/2"	43c	
C13036	5 to 9	1/2"	4"	4 1/2"	49c	
C13037	10 to 16	5/8"	4"	10"	67c	

10% Discount

Order any 6 or more of the above Amberyl Screwdrivers or Nut-drivers and deduct an additional 10% from the single lot price. These may be assorted or all of one kind.

INCREASE Your Profits

Premier Radio Blower

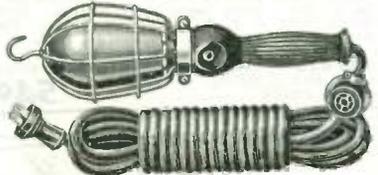


NI 1697—Radio Blower. Operates on any 110 volt current. **\$8.25**
YOUR PRICE

Quickly blows accumulated dust and dirt from the most inaccessible corners of the most intricate radio set. Flexible rubber nozzle eliminates possibility of damage to any of the chassis components. Eliminates static, cutouts, shorts, and all other radio disturbances caused by the destructive action of dust and dirt on radio parts. Made by one of the oldest and largest manufacturers of vacuum cleaners. Constructed of brightly finished cast aluminum. Hard rubber form fit handle. On-Off switch controls operation. 14 foot all-rubber cord fitted with rubber plug. Powerful ball bearing motor.

"Tool Tap" Trouble Lamp

Push-Thru Switch in Handle



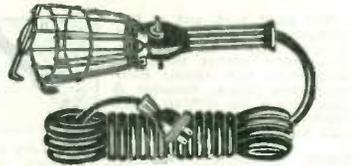
NI 1693—Trouble Lamp complete with 25 ft. heavy rubber covered cable. **\$1.39**
YOUR PRICE

NI 1694—Trouble Lamp complete with 50 ft. heavy rubber covered cable. **\$1.91**
YOUR PRICE

Consists of heavy rubber cable, molded rubber handle with Push-Thru switch, light socket body, reinforced type dual outlet, large rubber handle spring prong plug and a heavy duty spot welded wire guard with cadmium plated reflector. Completely assembled and wired, ready to use. Will take up to a 300 watt bulb. The "Tool Tap" is an unbreakable rubber double outlet connected in cable below the handle. Provides plug-in connections for electric tools or extra connections for any electrical apparatus. Sturdy hook for hanging. Ruggedly constructed. Cable connections reinforced at all points with metal discs which prevent cable from pulling out. No Bulb.

Super Value Trouble Lamp

With Switch and 25 Ft. Cord



CI 1641—**85c**
YOUR PRICE

In Lots of 6 or More, Each, 79c

An indispensable cord set of good quality suitable for all portable light extension purposes. Consists of heavy rubber shock-proof construction; Spring prong rubber plug. All rubber handle-type light socket with push-thru switch and heavy rubber covered cord. Cadmium plated guard with hook for hanging. No bulb included.

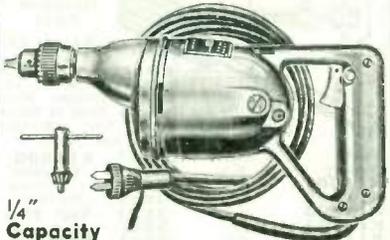
Miniature Flashlight



CI 1659—Complete with battery and Mazda bulb. **25c**
YOUR PRICE

Signal Electric Drills

Model OB-8 and OB-4



1/4" Capacity

A high quality electric drill. Durable cast aluminum alloy housing. Special neck permits drilling in close quarters. Bronze wood packed bearings with thrust ball bearing on spindle shaft. Almond three jaw key type chuck. Gears are of special heat treated alloy. Brushes can be replaced by removing set screws at the sides. Trigger type switch in handle can be locked for continuous operation. Universal 110-120 volt. AC-DC motor. 8 ft. power cord has ground connection lead.

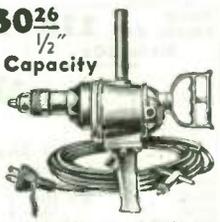
CI 1698—Code OB8. 1/4" Drill Capacity. For light duty use. Speed, 2950 RPM. 12" Long overall. Net wt. 5 1/2 lbs. **\$12.67**
YOUR PRICE

CI 1744—Code OB4. 1/4" Drill Capacity. For standard duty use. Speed 1700 RPM. 12 3/4" Long overall. Net wt., 7 lbs. Ship. wt., 8 lbs. **\$16.81**
YOUR PRICE

CI 1743—Model OB-5. **\$30.26**
YOUR PRICE

1/2" Capacity

This quality drill has everything. Lots of power, proper speed, correct balance and right price. Same general specifications as above except takes up to 1/2" drill bits and has high grade ball bearings on armature and spindle. Speed 400 RPM at no load. Detachable pipe handle at top. Length overall 16". 15 ft. Power cord. Ship. wt., 18 lbs.



New Electric Drill



Takes Up to 1/4" Drills

DI 1699 **\$5.65**
YOUR PRICE

For 110 Volt AC-DC Operation

A sensational new value in electric drills. A fine high quality high speed electric drill at a price that you would expect to pay for a good hand-drill. Indispensable to servicemen and radio dealers for use in auto radio installation and general radio work. Very rugged, yet light and easy to handle. Ample ventilation permits motor to run cool. Handy on-and-off thumb controlled switch. A knurled collar permits easy removing and inserting of drill bits. Entire assembly constructed for durability and hard wear. Finished in aluminum and red. 6' Rubber covered cord.

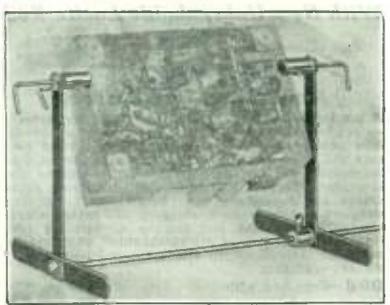
Adjustable Handy Lamp



AI 1692—**89c**
YOUR PRICE

Handy for supplying light when servicing radios. Clamps on side of cabinet. Double ball swivel joint allows adjustment to any angle. Strong spring clamp securely fastens to any object and holds light firmly in place. Rubber covering on clamp. Push through type switch. Shade diameter 5 1/4". Takes any size bulb. Nickel finished. All rubber cord 5 1/2" long. Bakelite plug. Bulb not included.

Acro Chassis Cradle



NI 1654—Adjustable radio chassis holder. Complete with clamps. **\$3.25**
YOUR PRICE

CI 1651—Extra Set Clamps, Pair. **\$1.95**
YOUR PRICE

Holds any make or size radio, P. A. Amplifier, or power supply chassis in any desired position. Prevents damage to radio components and tubes mounted on the chassis. No more broken dials, smashed tubes or damaged coils—just place chassis in rack and tilt to working position, upside down if you wish. Special mechanical clamps hold chassis in vise like grip—no danger of chassis slipping or falling. Entire assembly sturdily constructed of cold rolled heavy steel.

Radio Chassis Guards

CI 1649—**YOUR PRICE** **\$1.23**
Per Pair

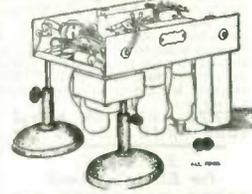
New type low cost, practical chassis guard cradle that conveniently supports radio chassis and protects dial, tubes, coils, etc. against damage when chassis is inverted or carried around. Easily and quickly applied. Adjustable to fit any chassis.



Radio Chassis Jacks

DI 1650—**YOUR PRICE** **73c**
Per Pair

These New All-Metal Chassis Jacks provide a strong yet flexible means of supporting a radio chassis on your work bench. They are quickly adjustable to any chassis regardless of size or shape. They require little space on the bench when not in use. Two pairs of these jacks in any service shop will more than pay for themselves in time saved.



Bench Stools With Back Rest

CI 6665—28" High, Metal seat. **\$3.15**
YOUR PRICE, Each,

With Wood Seat

CI 6666—24" High. **\$4.50**
CI 6667—28" High. **Each**

CI 6668—28" High. **\$4.50**
YOUR PRICE

These stools enable the radio serviceman to "take the load off his feet" while working. Welded construction, stool will never become wobbly as rivet types inevitably do. Properly reinforced to stand rough handling. Back rest, adjustable in height, can be easily removed and re-installed. Heavy spring swivel and hinged back rest provide proper tension for correct body posture. 14" Dia. seat. Bottom of legs well formed to prevent marling floor. Finished in durable olive green enamel.



Stools without Back Rest

With Metal Seat **With Wood Seat**

CI 6660—28" High **CI 6662**—24" High
CI 6670—28" High **CI 6663**—28" High
CI 6671—30" High **CI 6664**—28" High
Each \$1.95 **Each \$2.57**

Note: All above stools can be supplied with rubber feet on special order at 40c extra.

SOCKET WRENCHES-SCREW DRIVERS

Handy Shop Accessories

Probe Flashlight

With New Unbreakable Lucite Rod



Makes Light Turn Corners

A practical, low cost flashlight for radio servicemen, electricians, mechanics and technicians of all kinds. New unbreakable lucite rod takes light around corners and fully illuminates those hitherto inaccessible tough-spots. Saves time and error in making inspections, diagnosing trouble and identifying parts values, serial numbers, etc. Invaluable for reading numbers on tube sockets, checking bad solder joints, bad switch contacts and tracing circuits. Flashlight case is made of "Unbreakable" onyx plastic material. On-off switch allows intermittent or permanent operation.

D96—Complete with batteries and Mazda Bulb.
YOUR PRICE
D60—Extra batteries for above.
YOUR PRICE, Per Set of 2

59c
8c

Handiprobe

Speedy Trouble Shooter

K11594—List Price, \$4.00
YOUR PRICE ... **\$2.25**

A fountain pen size analyzer for quick diagnosis of radio and other electrical troubles. Tests open and closed condensers while in operation. Tests up to 2000 volts and distinguishes between A.C. and D.C. Tests for static, alignment, output, open and shorted transformers, dielectric efficiency, low volume, oscillation, distortion, fading, etc. Number of tests limited only to ingenuity of user. Overall size is only 9"x3/4". Made of best quality fiber tubing. Comes equipped with 20" flexible lead and insulated alligator clip. 1/4 watt Neon bulb, and complete instructions on how to make all tests.



Magic Electric Pencil

Engraves and Embosses

An electrically heated scriber about the size of a fountain pen. Embosses in beautiful colors—copper, gold, silver, green, blue, purple, on any material. Reproductions can be made of drawings, designs, initials, emblems, etc. Very useful for marking test panels, tools, books, advertising materials, tube bases, etc. Enough embossing paper supplied to emboss hundreds of words. Works on 100-120 volt A.C. or D.C. Heats quickly. Maintains even temperature. 8 feet cord.

R5775—List, \$2.00.
YOUR PRICE **78c**



Extra Foil for Electric Pencil

C5776—Gold C5778—Red C5780—Blue
C5777—Silver C5779—Green C5781—Purple
Each contains 8-6x12 inch sheets.
YOUR PRICE, EACH **59c**

Socket Wrench and Driver Set



N11632—List Price, 75c.
YOUR PRICE **36c**

A set of seven detachable sockets, together with handle. Fine quality steel. Sizes: 1/4, 1/2, 3/8, 1/2, 3/4, 1 inch for turning knurled nuts and a screw driver attachment that handles all sizes of radio screws. Cadmium plated. Wood handle.

Adjustable Socket Wrench

C12074
YOUR PRICE

98c



A very practical and useful socket wrench. Has double adjustable end sockets to fit hexagonal, square, round and odd shape nuts from 1/4" up to 1". Turning of handle provides adjustment. Drop forge construction of chrome nickel steel. Supplied with 1/4" square, 2 1/2" long tempered screw-driver bit and with transparent unbreakable mallet head for converting wrench into a useful mallet. Fully guaranteed.

Genuine Spintite

Hollow Stem Socket Wrenches
For Small Hexagon Nuts



Extra fine quality Spintite wrenches. Built to please the most exacting craftsman. Wood handle fits the hand. Stem is hollow to permit use on long projecting screws. Hardened tool steel.

Stock Number	Socket Size	Price Each	K11608 Complete set Seven Wrenches Your Price
K11601	1/4"	36c	\$2.68
K11602	3/8"	36c	
K11603	1/2"	36c	
K11604	5/8"	36c	
K11605	3/4"	48c	
K11606	7/8"	48c	
K11607	1"	48c	

Hollow Stem Hex-Nut Wrenches

High quality tools. Have deep hollow in socket to take any ordinary projection of screw above nut. Fine tool steel shanks. Sockets of specially hardened tool steel. Shank and socket cadmium plated. Finely finished wood handles.



6" Long Stock Number	For Hex. Nuts	9" Long Stock Number
A11610	1/4"	A11617
A11611	3/8"	A11618
A11612	1/2"	A11619
A11613	5/8"	A11620
A11614	3/4"	A11621
A11615	7/8"	A11622

YOUR PRICE, Each, **11c** Six for 60c
YOUR PRICE, Each, **12c** Six for 65c



With 90° Offset Shanks, 7" Overall

Easily and quickly handle nuts in positions not accessible with straight shank wrenches.

Stock Num	For Hex. Nuts	YOUR PRICE EACH
K11624	1/4" In.	12c
K11625	3/8" In.	
K11626	1/2" In.	
K11627	5/8" In.	
K11628	3/4" In.	
K11629	7/8" In.	

K11630—Complete Set of six wrenches
YOUR PRICE **65c**

Hollow Handle Radio Wrench Set

N11633—YOUR PRICE **47c**

The handiest tool in the serviceman's kit. Hollow handle holds screwdriver socket and 5 wrench sockets: size 1/4", 3/8", 1/2", 5/8" and 3/4". Handle and shank are 7/8" inches long. Handle is heavily knurled. Finished in white nickel.

Socket Wrench Set

A11758—YOUR PRICE **73c**

Contains 6 1/2" combination screw driver and socket handle, 3 1/2" extension, 4" "L" extension and one each 1/4", 3/8", 1/2", 3/4", 5/8" and 3/4" hex. and 3/4" square sockets. Also one socket for knurled nuts. Packed in steel box.

A11734—Similar to above but contains: Flexible Shaft socket wrench holder (also used as screw driver), 5" "L" extension, 3" straight extension and 8 sockets (1/4" to 1" inc.).
List Price, \$2.00.
YOUR PRICE **\$1.76**

Unbreakable Midget Screw Driver

10 for... **81c**
A11749
List, 15c. YOUR PRICE, EACH **9c**

Particularly shaped to fit small screws. Unbreakable amber colored transparent handle 5/8" dia. Specially hardened blade 2 1/4" long, 1/8" dia. Overall length, 4 1/2". Includes pocket clip.

3/32" Blade Knob Screw Drivers

With Transparent High Insulation Handles



Especially designed to fit knob screws, adjustment screws of iron core coils, etc. Will fit the smallest screw used in radio work. Transparent unbreakable shock-proof handle will not loosen. 3/8" Diameter blades of hardened tool steel. Blade tip is no wider than the blade. Supplied with handy pocket clip.

C12086—With 2" Blade Each C12089 Set of 3
C12087—With 3" Blade **18c**
C12088—With 4" Blade **49c**

1/4" Blade Screw Driver Set
C11642—Same quality and design as above but with 3/8" diameter blades.
YOUR PRICE, Set of Three **32c**

Maple Handle Screw Drivers

Extra High Quality



K11645—Set of 4
YOUR PRICE **75c**

Substantially made to stand the gaff yet low in price. Handles are of white hardwood in natural varnish finish, fluted for sure grip. Blades of hardened and polished tool steel. Will not turn in handles. Extra heavy steel ferrules. Four drivers with 6, 5, 4, and 3 inch blades. Fits practically every screw used in radio work.

A11635—Screwdrivers similar to above except not as high in quality. Per set of Four.
YOUR PRICE **54c**



WHEN NOT IN USE
Hold-E-Zee Screw Drivers

Holds Any Size Screw

Insulated Unbreakable Handle

Quickly places any type screw in spots not accessible with ordinary screw driver. Screw gripper holds screw firmly while screw is being placed and instantly releases it when desired. Gripper slips along blade to upper and when not in use. Strong insulated unbreakable handle. Hexagonal tool steel blade 5/8" diameter.

C11646—3" Blade, Each **33c**
C11647—4" Blade, Each **43c**
C11648—10" Blade, Each **46c**

Super Grip Screw Drivers

Insulated Handles—Insulated Blades



The finest made and at bargain prices! Tight grip, moulded, polished black composition handles. Offer perfect insulation. Radio sizes have slender hardened steel blades, diameter 1/4 inch. Reach the difficult spots. Blades can never get loose or turn in handle. Blade 5/8" dia.

Stock Number	Blade Length	Price Each	R11636—Set of 4 One of each size. YOUR PRICE
K11637	3"	12c	62c
K11638	4"	13c	
K11639	5"	14c	
K11640	6"	18c	

Special Socket Wrench Set



K11631—Handle and five sockets.
YOUR PRICE **59c**

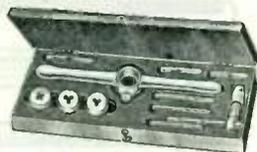
A specially selected socket wrench set for radio work. Fine quality steel sockets. Sizes: 1/4", 3/8", 1/2", 5/8" and 3/4" inch for hexagonal nuts. Hollow stems take screws projecting not over 1/2" inch.

TOOLS EVERY RADIO-MAN NEEDS

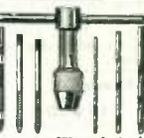
11 Pc. Tap and Die Set

In Handy Wood Case

YOUR PRICE \$1.59



The most practical tap and die set for radio servicemen. Supplied with three drills, three taps and three dies for cutting either male or female 8/32, 7/32, and 4/36 threads. Also includes "T" wrench or holding taps and wing wrench for holding dies. Fine quality. Packed in handy hinged wood box. Box size 1 1/2 x 3 1/4 x 1 1/4". Made in U.S.A.



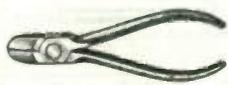
Tap Wrench with Drills and Taps

K11684—YOUR PRICE \$1.15

Three taps and three drills, one each for 7/32, 8/32 and 7/32 screws. Wrench to hold taps and drills.

Diagonal Jaw Nippers

K11661—YOUR PRICE 32¢



For fine electrical and radio work. Made of hardened tool steel. Cuts wire clean in tight places. Size 5 1/2 inches.

Long Nose Pliers

K11662—YOUR PRICE 38¢



The handiest pliers for radio work. A fine quality tool made of fine hardened tool steel.

Special Thin Nose Pliers

K11664—YOUR PRICE 37¢



Handy radio pliers with long thin jaws for reaching into narrow places. Stub nose will hold nuts firmly. Overall length 6 1/2". Drop forged steel.

Mayhew Center Punch Set

Tool steel hammer forged center punch set. Set consists of 3 punches: 4" long, 3" long, 2 1/2" long. **K11665—Set of three. YOUR PRICE 29¢**

Keyhole Hack Saw

Cuts steel, bakelite, wood, etc. quickly and cleanly. Strong tight grip frame. 7 1/2 inch long saw blade. Gets into hard corners. Reaches many places ordinary hacksaw cannot touch. Blade very durable; almost unbreakable. Blade easily replaced. Very fine teeth, 18 per in. **K11667—Frame with one blade. 26¢**
K11668—Extra blades. Six for 79¢

Pistol Grip Hack Saw

K11669—List. \$1.00. YOUR PRICE 42¢
American made. Finest quality. A real bargain. Strong, adjustable to take 8, 10 or 12 inch blades. Folded handle. One 8" blade included.

Hack Saw Blades

Best American Made
24 Teeth per Inch. Best for radio use.
K11670—8-in. Dozen. Your Price 29¢
K11671—10-in. Dozen. Your Price 35¢
K11672—12-in. Dozen. Your Price 42¢

Circle Cutters

Adjustable from 1" to 4"
K11673—YOUR PRICE \$1.88

For cutting socket holes, meter holes, etc., in wood, bakelite, hard rubber, linoleum, brass, tin, sheet metal, etc. Does first class job and makes clean cut. Drills pilot hole, cuts out material and puts bead or scroll around hole all in one operation. Made of best materials. Best high speed steel cutting bits for use in breast drill, hand brace or drill press.



3/8" Shank



ROUND OR SQUARE SHANK

K11674—Same as above but without beading Cutter. YOUR PRICE \$1.10

Heavy Duty
For cutting the heaviest of materials. Will cut 3/8" cold rolled steel, 3/8" aluminum. Dashboards of cars, etc. Adjustable from 1" to 5 1/2". **K11675—Square Shank. Your Price \$1.88**

K11676—3/8" Round Shank. YOUR PRICE \$1.88

K11677—Extra cutter for either of above. YOUR PRICE 24¢

New All-Purpose

Circle Cutter

Cuts Holes From 3/4" to 8 Inches

K11679—List. \$4.00. Your Price \$2.35



A new heavy duty, all-purpose circle cutter. All parts are hardened steel, insuring long life and ability to do the toughest jobs. Hexagon shaft fits brace or electric drill. 1 inch diameter cutting bar holder is fitted with removable centering drill. Any size pilot pin may be used in centering drill's place. 3/8" square cutting bar holds 3/8" high speed cutting bit. A quality, sturdy tool for machine shop, laboratory or serviceman's bench.

Replacement Parts

A11666—Cutter for above. Your Price .29¢
A11680—Drill for above. Your Price .21¢

HIGHEST QUALITY Alloy Steel Twist Drills

American Made



Made of alloy steel consisting in part of tungsten which makes these drills far superior to ordinary carbon drills. Straight shanks. Particularly intended for electric drills. Perfectly pointed, precision ground. Extra strong web prevents splitting of drill. Constantly tempered to insure long life. Quality considered, our prices represent extra-ordinary values.

K11681—Seven drills in Hardwood Box. Sizes 3/16, 1/8, 5/16, 3/8, 7/8 and 1/2 inch. YOUR PRICE 89¢

K11682—Eight drills in Hardwood Box. Sizes 3/16, 1/8, 5/16, 3/8, 7/8 and 1/2 inch. YOUR PRICE \$2.45

K11683—Eleven drills in Fibre Roll. Sizes 3/16, 1/8, 5/16, 3/8, 7/8, 1/2, 3/4 and 1/2 inch. YOUR PRICE \$1.35



Tapered Reamer

Enlarges holes in wood, bakelite, or metal. Cutting edge 3 1/2" long and tapered from 3/8" to 1/2". High grade steel. Properly ground edge provides quick, easy reaming.
C11999—YOUR PRICE 69¢

Radio Servicemen's Tool Box

All are of heavy gauge cold rolled steel, baked-on enamel green finish. Nickel plated catches and lock with one key. Paneled sides, ends, top and bottom for rigidity and strength.



K15870—YOUR PRICE 69¢

Handy size for servicemen. Very strong and light. 12 3/4" long, 5 1/2" deep, 6" wide. Safety lock and cantilever tray with adjustable partitions.

Cantilever Tray Tool Box

Tray Raises as Lid is Opened
C15872—Size 6x8 1/2 x 18" YOUR PRICE \$1.25



C15871—Size 6x8 1/2 x 14". YOUR PRICE 98¢

Tray is so fastened that as cover is raised tray is automatically lifted, permitting easy access to bottom compartment. Box has gold rule of full size scale on cover.



Portable Model Servicemen's Vises

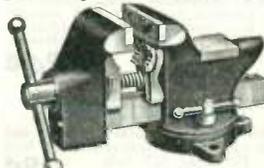
N11685—YOUR PRICE 79¢

Sturdily built, accurately fitted. Machine cut steel screw. Polished jaws 1 1/2" wide. Red japan body. Convenient to carry in tool box. Shpg. wt., 2 lbs.



Journeyman's Swivel Bench Model

K11686—YOUR PRICE \$2.68



Replaceable hardened steel jaw faces, knurled surfaces. Cold rolled steel bar, screw and handle. Pipe jaws hold pipe 1/2 to 1 1/4". Jaws open 3 1/4" width 3". Swivel base with improved lock, holds fast at any angle. Rugged anvil. The finest vise on the market for Radio and electrical work.

Handy Pocket Tool Case

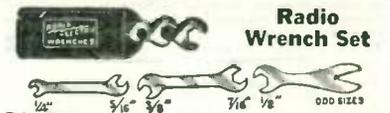
Saves the Pocket and the Tools
K5711—Pocket tool case only. List Price, \$1.00. YOUR PRICE 59¢

Made of high grade, genuine leather. Has snap fastener on flap. May be carried in hip pocket or fastened to belt. Two partitions large enough to hold all necessary tools for ordinary service call. Saves your pockets from wear and tear. No tools included.



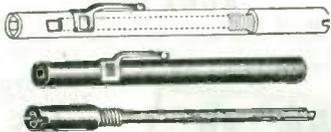
Radio Wrench Set

R11634—YOUR PRICE 10¢
Set of three wrenches in leather case. For all hex nuts measuring 3/16, 1/8, 5/16, 3/8 and 1/2 inch with alligator jaw for odd sizes. Very handy.



NEUTRALIZING AND ALIGNMENT TOOLS

4 in 1 Aligning Tool Genuine Bakelite



A11577—Handy 4 in 1 alignment tool. Has $\frac{1}{8}$ " and $\frac{3}{16}$ " hex. socket, key slot and $\frac{1}{8}$ " Dia. screw driver section with securely attached metal nib. Sections fit into each other to form one convenient tool. Made of bakelite. Length overall, 6". Handy pocket clip.
YOUR PRICE..... 28¢

4 in 1 Aligning Tool With Metal Socket Ends

C11581—Heavy Duty 4 in 1 Tool similar to above but has $\frac{1}{4}$ " and $\frac{3}{8}$ " metal socket ends. Recommended for shop use where considerable alignment is done. Screw driver is $\frac{3}{8}$ " dia. 5" Long overall. With pocket clip.
YOUR PRICE..... 59¢

Alignment Tools



A11596—Push Button Tuner Adjusting Tool. Insulated handle $\frac{3}{8}$ " dia., 1 $\frac{1}{2}$ " long. Shank 4 $\frac{1}{2}$ " long. $\frac{3}{8}$ " dia. socket has recessed screw-driver nib. Fits adjustment screws of variable iron cores used in push button tuners and I.F. & R.F. coils.
YOUR PRICE..... 29¢



C11588—6" Fibre Tube with full length $\frac{1}{4}$ " hex. hole. Ends can be cut when worn.
YOUR PRICE..... 12¢

A11589—8" Long. Price..... 15¢



A11590—Adjustable No Metal Screw Driver and $\frac{1}{4}$ " Socket Wrench. Made of strong insulating material. Adjustable from 6" to 11".
YOUR PRICE..... 34¢

C11591—Adj. from 10" to 18". Price..... 49¢

A11592—7" Screw Driver Section Only. Beveled at both ends. Price..... 19¢



D11579—U.H.F. Alignment Tool. Molded of pure polystyrene material having no body capacity effect on critical high frequency circuits. Ideal for R.F., F.M., Television and Short-Wave alignment. With pocket clip.
YOUR PRICE..... 24¢



A11574—Metal $\frac{1}{4}$ " Hex. Socket Wrench and Screw Driver nib are securely fastened on 5" long insulated shaft. Fits into $\frac{1}{4}$ " hole.
YOUR PRICE..... 28¢



A11597—For RCA & Philco. $2\frac{1}{2}$ " x $\frac{3}{8}$ " dia. insulated rod has $\frac{3}{8}$ " hex. socket at one end and specially shaped hook at other.
YOUR PRICE..... 73¢



A11580— $\frac{3}{4}$ " Alligator Wrench and Screw-Driver nib are securely fastened on $\frac{1}{4}$ " insulated shaft, 4 $\frac{1}{2}$ " long.
YOUR PRICE..... 21¢



A11586—Tuning Wand. 6 $\frac{1}{4}$ " insulated bakelite rod with brass cylinder at one end (inserting end in coil lowers inductance) and iron core at other end (to increase inductance). Indicates proper coil adjustment without affecting trimmer condenser setting.
YOUR PRICE..... 49¢



D11558—2 $\frac{1}{2}$ " x 6" Long fibre alignment screw-driver with metal nib on one end and metal hook on other. For air trimmer condensers.
YOUR PRICE..... 24¢

Neutralizing and Aligning Tool Kit



K11559—With Leatherette Case. **\$294**
List Price, \$5.00.
YOUR PRICE.....

Every serviceman needs these balancing instruments. This complete outfit provides every tool that you will ever need to neutralize, balance or re-align the variable condenser or IF sections of any receiver. Twelve tools, ingeniously designed to telescope into each other, become only four pieces when assembled into the attractive black leatherette carrying case. Also includes flexible shaft screw driver and tuning wand. Handles are extra strong, made of fine high dielectric hard rubber, fiber and bakelite. Fittings are polished nickel plated brass.

Same as above but without flexible screw driver and tuning wand, making twelve distinct tools which telescope into four pieces.

K11560—Complete with leatherette case. List Price, \$4.00.
YOUR PRICE..... \$2.30

Five-in-One Neutralizer Compensator and "Tool Kit"



N11582—**YOUR PRICE..... 59¢**

Combines in a fountain pen size compact tool that can be carried in your vest pocket. $\frac{1}{4}$ " and $\frac{3}{8}$ " nut wrenches, miniature blade screw driver for neutralizing and a full size insulated handle general purpose screw driver. Made of fine quality extra strength fiber. Fountain pen clip prevents losing from pocket. When closed, no sharp points are exposed to wear clothing.

Fused Test Leads

Heavy duty laboratory type test leads. Long phone needle type prods have provisions for inserting any 3AG or 8FE fuse. Can be used without fuses. 50" Kinkless rubber covered wire leads. Insulated banana type plugs on other end with interchangeable fittings. Coded red and black. Fuse included.
D11578—**PRICE, Per Pair..... \$147**

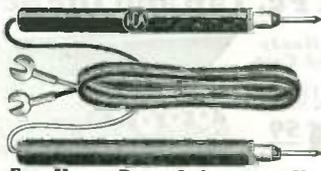
D11578—**PRICE, Per Pair..... \$147**

Heavy Duty Needle Point Type
D11142—With Spade Ends.
D11587—With Alligator Clips.
Per Pair, Each..... **53¢**
D11598—With Insulated Phone Tip Ends.
Per Pair..... **65¢**
6" Long slim handle heavy duty prods with removable phone needle chuck. 50" Long kinkless rubber covered wire leads. Coded red and black.

High Voltage Test Leads

D11543—**YOUR PRICE, Per Pair..... \$147**
Heavy duty laboratory type test leads constructed for safely testing voltages up to 10,000 volts. Recommended for television and transmitter testing. Consists of 6" long heavily insulated bakelite prods with finger grip guards, 50" long, 18 gauge, 67x36 stranded flexible wire leads with heavy rubber covering measuring $\frac{3}{16}$ " in diameter and 2" long insulated plugs on other end. Prods and plugs have replaceable threaded phone tips. Prods and leads coded red and black.

Testing Leads



For Heavy-Duty Laboratory Use

C11548—Spade Ends.
YOUR PRICE PER PAIR..... 42¢

D11542—With insulated solderless phone tip plugs.
YOUR PRICE, Per Pair..... 59¢

Polished, lustrous high di-electric handles 5 $\frac{1}{2}$ " long (over-all) $\frac{3}{8}$ " diameter. One red, one black for polarity indicating. 60" long flexible heavy duty leads in coils to match prods. Point screws into prod handle. All connections are soldered, providing low resistance connections.

With Phone Tip Prods



K11549—Spade Ends.

K11550—Tip Ends.

Per Pair.... **22¢**

Polished lustrous high di-electric handles, 3" long (overall) $\frac{3}{8}$ " diameter. One red, one black for polarity indicating. 50" long flexible cables.

With Finger Grip Molded Tips

5" pencil type prods made of high dielectric insulation material. Sharp pointed threaded tips screw into handles. 60" Long kinkless wire leads. Phone tips molded into dielectric finger grips. All connections soldered. Finger grips and prods are one each red and one each black.
D11547—**YOUR PRICE, Per Pair..... 71¢**

D11547—**YOUR PRICE, Per Pair..... 71¢**

With Renewable Phone Needle Prods

K11552—Spade Ends.
K11553—Tip Ends.
YOUR PRICE..... 27¢

K11554—Alligator Spring Clip Ends.
YOUR PRICE..... 34¢

Polished lustrous high di-electric handles, 4 $\frac{1}{2}$ " long (overall) $\frac{3}{8}$ " diam. One red, one black. 50" Long leads. Needles easily changed.

With Unbreakable Test Prods

C11512—**YOUR PRICE, Per Pair 42¢**

Prods are made of 6 $\frac{1}{4}$ " long, $\frac{1}{4}$ " dia. soft brass with needle point tips and Red and Black shock-proof live rubber sleeves. 50" kinkless, flexible rubber wire with insulated solderless plug ends.

Slender Prod Test Leads With Interchangeable Tip Ends

New 7" long overall, $\frac{3}{8}$ " dia. test prods. Extra strong, high insulation fibre handles. Spring prong ends provide a quick positive means of changing from one type of tip to another. Included are one pair each; alligator spring clips; tapered spade lugs and the new needle point phone tips for piercing insulation. Prods also fit all standard phone tip jacks. Complete with one black and one red 5 foot flexible wire.
R11546—**Per Set..... 73¢**

With Non-Interchangeable Ends

C11555—With Spade Ends.
C11556—With Phone Tip Ends.
Per Pair..... **45¢**

C11557—With Alligator Clips.
Per Pair..... **49¢**

7" Long, $\frac{3}{8}$ " dia. prods with sharp phone type tips, 5 ft. flexible wire leads. Above end fittings permanently attached to leads.

TEST LEADS • PRODS • JACKS • PLUGS

Neon Tattelite Tester



With Non-Breakable Neon Lamp

A1186—List, \$1.00. **59¢**

YOUR PRICE
Convenient testing light for locating electrical voltages, defective fuses, resistors, condensers, etc. Shows whether current is AC or DC (AC causes both electrodes to glow, on DC only negative glows). Glows at only .0005 ampere current. Operates on 90 to 550 volts. 5" Insulated leads fitted with pin tips.

Short Tester

A11179 — Complete with battery and bulb.

YOUR PRICE **88¢**

Handy test prod with built-in battery and bulb. Indicates whether circuits are opened or closed.

Probe Light



C11754—**YOUR PRICE** **88¢**

An indispensable fountain pen size probe light. Provides plenty of light where and when you want it. Bulb is completely protected. Supplied with 6 foot cord and plug. For 105-120 volt, AC-DC operation.

Snap Test Insulated Test Handle

K11452—Black Color.
K11453—Red Color.

YOUR PRICE EACH **38¢**

A new "deep sea" electric test clip that eliminates danger of short circuits. A 6" long insulated fibre tube is fitted with spring contact jaws operated by a push of the thumb. Test wire connected under insulated binding post. Will pick up screws, etc., dropped into inaccessible places.

Alligator Test Clips

Now tyns. Long thin jaws. Strong spring will grasp the smallest terminal lug or lead with a tight, barrel end will fit Banana Type Spring Contact Plug-in prongs or can be securely soldered to test cable. K11457—Small size. 2" long, 1/4" wide. **YOUR PRICE, EACH** **4¢**
Ten for **30¢**

C11500—Small size as above but with screw for solderless lead connection. K11458—Large size. 2 3/4" long, 3/4" wide. **YOUR PRICE, EITHER TYPE, EACH** **5¢**
Ten for 45¢

Insulated Alligator Clips

Fits Banana Plugs. High di-electric insulated 3/4" handle is forced over barrel end of clip. 3/4" wide. Fits banana plugs or can be soldered to leads. 2 1/2" Long overall. C11459—Red } **PRICE** Ten for
C11460—Black } **EACH** **8¢** **70¢**

Wee Pee Wee Test Clip

Smallest alligator clip. Made of spring temper phosphor bronze. Will not heat up in HF circuits. A11442—**YOUR PRICE, Each** **9¢**
Ten for 60¢

Alligator Tip Clip

Combines the utility of an alligator test clip with standard phone tip. Clips onto bare wires or plugs into binding post or tip jack. C11400—**YOUR PRICE, Each** **12¢**
Ten for 88¢

See page 89 for rubber insulators and complete listing of other clips.

Long Test-Prod Handle

With Sharp Point Phone Tip End



Hollow high di-electric insulated handle. 5 1/2" long overall. 3/8" diameter. Sharp point phone tip terminal. Fits standard phone tip jack. No soldering necessary.

C11465—Red } **PRICE** Ten for
C11466—Black } **EACH** **14¢** **\$1.35**

With Needle Point Tips

Has removable needle type chuck with high di-electric insulated handle. 5" Long overall. D11461—Red } **PRICE** Ten for
D11462—Black } **EACH** **18¢** **\$1.70**

ICA 7" Test Prod Handles



Long narrow test prods. Made of sturdy Fenolite material. Brass nickel plated fittings, screw into handle. 7" Long overall. 3/8" Diameter. EACH

C11502—Red } Solderless
C11503—Black } Phone Tip Ends **18¢**
C11454—Red } Phone
C11455—Black } Needle Ends Ten for \$1.70

High Voltage Test Prods

Heavy duty bakelite prod handle with finger guard for safely testing high voltages. Removable threaded phone tip. 6" Long overall. D11473—Black, Type A. **YOUR PRICE, Each** **50¢**

High Voltage Test Plug

Heavy duty bakelite plug handle with removable threaded phone tip. 2" Long overall. D11474—Black, Type B. **YOUR PRICE, Each** **18¢**

Insulated Midget Phone Tip Plug

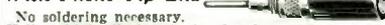
Bakelite handle with removable threaded phone tip. 1 1/2" Long overall. Type B. D11475—Red } **PRICE** Ten for
D11476—Black } **EACH** **6¢** **55¢**

Replacement Threaded Phone Tip

D11479—Brass nickel plated threaded tip to fit prods having removable threaded phone tips. **YOUR PRICE, Each** **4¢** Ten for **38¢**

Short Test-Prod Handle

With Phone Tip End



No soldering necessary. Hollow high di-electric insulated handle. 2" long overall. 3/8" diameter. Solderless. C11471—Red } **PRICE**
C11472—Black } **EACH** **6¢**
Ten for 49¢ 100 for \$4.50

Solderless Tip Plug

K11812—**YOUR PRICE, Each** **4¢**
Ten for 29¢. Per hundred, \$2.80

No soldering necessary. Positive connection. Brass nickel finish. 1 1/2" Long overall. 3/8" Tip.

Midget Solderless Plug

Brass nickel plated. 1 1/2" Long overall. 3/8" Tip. D11480—**YOUR PRICE, Each** **3¢**
10 for 25¢. Per 100 \$2.35

Solder Cord Tips Brass Nickel Plated



A11811—**FIFTY FOR** **29¢**
Per hundred **45¢**

Heavy Duty Cord Tip

Brass nickel plated. 1 1/2" Long. C11751—**YOUR PRICE, Each** **6¢** Ten for **29¢**
Two for **6¢**

Grip-Rite Molded Phone Tip Plug

Standard phone tip fits any tip jack. Neat and compact in appearance. More convenient to use than old type tips. Made of Fenolite insulation. C11507—Red
C11508—Black
YOUR PRICE, Each **12¢**
Ten for \$1.10

Heavy Duty Plugs and Jacks

Improved heavy duty type for transmitters, diathermy apparatus, etc. Will handle heavy RF currents. Heavy insulated bakelite handles and threaded heads. Plugs: 3/4"x3/8" Contact. 1/2"x2" Handle. Each
D11485—Black } **15¢**
D11486—Red & Black }
Jacks: Size 3/4"x2". Fits panels up to 1/2" thick. C11487—Black } **32¢**
D11488—Red & Black }

Standard Tip Jacks

Solid brass, nickel plated Takes any phone tip. Positive connection. Requires 3/4" hole on panels up to 3/8" thick. With nut and solder lug.

A11810—**YOUR PRICE, Each** **3¢**
12 for 29¢. Per Hundred \$2.40



Insulated Top Jacks For Standard Phone Tips



Insulated top. Hold phone tips straight and tight. Fits 3/4" holes in panels up to 1/2" thick. Fiber shoulder washer and nut included.

C11477—Red } **PRICE** Ten for
C11478—Black } **EACH** **6¢** **48¢**
With Bakelite Tops
C11752—Red } **PRICE** Ten for
C11753—Black } **EACH** **7¢** **65¢**

Hexagon Insulated Top Jacks

Quality tip jacks with positive contact phosphor bronze spring. Fits standard solder cord tips listed above. Mounts in 3/4" hole in panels up to 1/2" thick. *Includes insulating washers.

A11211—Red* } **PRICE** Ten for
A11212—Black* } **EACH** **9¢** **47¢**
A11210—Green* } **PRICE** Ten for
A11216—Blue* } **EACH** **7¢** **65¢**



Insulated Banana Jacks

Insulated top banana jack. Provides a secure low resistance connection. Fits 1/2" holes in panels up to 3/8" thick. Shoulder washer included for metal panels. Solder lug terminal also included.

C11525—Red } **PRICE** Ten for
C11526—Black } **EACH** **6¢** **47¢**
With Bakelite Top
C11148—Red } **PRICE** Ten for
C11149—Black } **EACH** **7¢** **65¢**



Metal Jack

For Banana Type Prongs
Made of brass nickel plated. Hold prongs securely. Provide sure contact. Fits 1/2" hole. Shank 3/8" long. Lock nut and solder lug included. K11545—Ten for **29¢**



Threaded Banana Plugs

C11544—**YOUR PRICE, Each** **4¢**
Ten for 29¢
Fits jacks listed below. Provides secure contact. Threaded shank and nuts for mounting on coils, terminal strips, etc. 1 1/2" Long overall.



Insulated Banana Plugs

High di-electric insulated hollow handle 3/4" long. Solderless screw connection for test lead. C11519—Red } **PRICE** Ten for
C11520—Black } **EACH** **6¢** **48¢**



Banana Plug End Fittings

Insulated handles color coded. Fit above and all other standard banana plugs. Can also be soldered on wire leads.

Tip End Spade End
C11143—Red } **PRICE** Ten for
C11144—Black } **EACH** **6¢** **48¢**
C11146—Red } **PRICE** Ten for
C11147—Spade end as above but not insulated. **4¢**
2 for **10¢** 100 for \$1.65



Complete Alignment Tool Kit



D11593—Contains 21 individual alignment tools, consisting of trimmer wrenches, screw-drivers, tuning wand, test leads, etc., to service practically every radio receiver. Leatherette carrying case included. List price of tools if purchased individually, \$15.40. **YOUR PRICE, Only** **\$8.08**

Soldering Irons and SOLDERING NECESSITIES

ICA Electric Soldering Irons

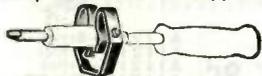


Stock Number	Watts	Tip Diam.	Length Overall	List Price	Your Price
K11724	60	3/8"	10"	\$3.75	\$2.05
K11725	85	3/8"	11 1/2"	4.50	2.45
K11726	115	3/8"	13 1/2"	5.50	2.95

A large Radio manufacturing company formerly experienced much trouble with their electric soldering irons. So they put their highly trained Engineering Department on the job of building a long lasting trouble free solder iron. Here it is! One of the finest ever made! And what a value! Bound to give long satisfactory service. (Absolute Guarantee on Heating Element for a Full Year of Use!)

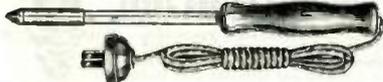
Heats quickly, holds heat a long time. 3/8" solid copper alloy tip. Fine quality 5 foot heater cord. Unbreakable rubber attaching plug. Polished nickel barrel. Black rubberoid handle. First quality in every point! For 105-120 volt current A.C. or D.C.

Snap-on Holder is supplied FREE with every ICA Soldering Iron



every ICA Soldering Iron

Soldering Iron Bargain



C11737—For 105-125 volt current. YOUR PRICE 10 for \$2.55

An amazingly low priced electric iron for all light soldering. Ideal for use where only occasional soldering is done. 3/8" Tip. 3 ft. Cord and plug.

Kester Quality Solder

Kester Rosin Core Solder

Best for fine radio connections. Flux is in the solder. Makes strong, low resistance joint.



3/32" Diameter

Stock Num.	Quantity	Your Price
C5755	4 oz. Can	17c
C5756	1 lb. Spool	64c
C5757	5 lb. Spool	\$3.00
C5752	20 lb. Spool	\$10.95

1/16" Diameter

C5753	1 lb. Spool	66c
C5754	5 lb. Spool	\$3.25



Kester Acid Core Solder

C5758—Per Can | C5759—1 Lb. Spool
YOUR PRICE 17c | YOUR PRICE..... 64c

Kester Aluminum Solder

Flux Filled

C5760—Per can | C5765—1 lb.
YOUR PR. 17c | YOUR PRICE..... \$1.96

Kester Tinning Block

Replaces ordinary sal-ammoniac. Cleans and "tins" soldering irons very speedily. Will not crumble or cause any corrosion on the work.

C5766—1/4 lb. Size. YOUR PRICE..... 15c

C5767—1/2 lb. Size. Each. YOUR PRICE..... 25c

C5782—1 lb. Size. Each. YOUR PRICE..... 44c

Gardiner Rosin Core Solder

Dependable quality at a substantial saving. Non-corrosive, pure rosin core assures perfect connection.

C5763—3 oz. Can. 3/16" Dia. YOUR PRICE 12c

C5764—1 lb. Spool. 3/16" Dia. YOUR PRICE 58c



Solder Paste

C5768—2 oz. Can. Non-corrosive. Assures perfect electrical connection. YOUR PRICE..... 10c

Solder Prices are Subject to market change

"Esico" General Purpose Electric Soldering Irons



Extraordinary high quality irons. One piece blued steel cases. Rich dark mahogany handles. Replaceable forged copper tips. Grade "A" nickel chrome elements wound on highest quality mica insulation. Underwriters approved 5 ft. cords with unbreakable rubber plugs. For 105-120 volts A.C. or D.C. operation. Guaranteed for one year.

With Screw-On Pointed Tips
D11710—Esico Nick Nack. 55 watts. 3/8" tip. Length 11 1/2". YOUR PRICE..... 65c

Electric Soldering Irons				Extra Tips	
Stock Number	Watts	Tip Dia.	Your Price	Stock Number	Your Price
C11710	55	3/8"	5.65	C11714	12c
C11711	65	3/8"	1.03	C11715	18c
C11712	100	3/8"	1.62	C11716	18c
C11713	150	3/8"	2.94	C11717	26c

With Plunger-Type Pointed Tips

C13062	65	3/8"	\$1.03	C13065	18c
C13063	100	3/8"	1.62	C13066	18c
C13064	150	3/8"	2.94	C13067	26c

"ESICO" Constant Duty Industrial Soldering Irons



Hard drawn tinned copper plunger type tips, replaceable. One year guarantee. Grade A nickel chrome resistance wire wound on lava insulators encased in blue steel one-piece case. Long life. Quick heat. Maintains a constant even temperature. 6 foot heavy duty cord. Handle never gets hot. For use on 105-125 volt current.

Stock Number	Watts	Tip Diam.	Length Overall	List Price	Your Price
K11706	65	3/8"	10 1/2"	\$5.00	\$2.94
K11707	110	3/8"	12 1/2"	5.50	3.23
K11708	200	3/8"	14 1/2"	8.75	5.15
K11709	310	3/8"	14 1/2"	10.25	6.03

Hotspot Soldering Irons



An exceptionally fine quality iron suitable for continuous use under severe conditions. Unbreakable bakelite handle with spring cord protector and cord strain relief. Heat retarding fins keep handle cool. Grade A chromel element with highest grade amber mica insulation wound on steel core. Plunger type tip easily replaced. 5 1/2" Cord. Metal stand included. For 110-120 Volt, AC-DC operation.

Stock Number	Watts	Tip Diam.	Length Overall	List Price	Your Price
C13068	85	3/8"	12 1/2"	\$4.00	\$2.35
C13069	100	3/8"	13 1/2"	4.50	2.64
C13070	150	3/8"	13 1/2"	5.50	3.23
C13071	200	3/8"	13 1/2"	7.50	4.41

Copper Replacement Soldering Tips Fit Drake, American Beauty, Etc.

Stock Number	Tip Diam.	Tip Length	Your Price
D11730	3/8"	2 1/4"	18c
D11731	3/8"	4 3/4"	18c
D11732	3/8"	4 3/4"	27c
D11732	3/8"	3 1/2"	27c
D11729	3/8"	1 1/2"	21c

Sal-Ammoniac Cake For Cleaning Iron Tips



Speedily cleans and brightens the soldering copper, causing solder to flow smoothly. Insures good solid joints with minimum of resistance. Will last many months in continuous service. Most convenient to use.

K5769—Per 1/2 lb. Cake 29c

Soldering Iron Holder



C11733—PRICE, Each 67c

A practical stand and carrying case for hot iron. When job is done simply insert hot iron into the holder. Saves time.

Drake Soldering Irons



Guaranteed perfect in workmanship and material. Gives quick heat and long satisfactory service. Meets Underwriters' approval. Highest quality nickel wire element wound on amber mica enclosed in one piece nickel plated housing. Tins machined from hard copper rod and nickel coated to prevent corrosion. Set screw securely holds tip. Perfectly balanced handle always keeps cool. Spring at handle prevents cord wear. 5' high grade cord fitted with rubber plug. For 105-120 volts, A.C. or D.C. operation. "Magic Cup" Stand described below supplied free.

With Plunger Type Pointed Tips
N11745—Code 225, 80 Watt. 3/8" tip. Length, 12 1/2". List Price, \$3.15. YOUR PRICE..... \$1.85

N11746—Code 325, 100 Watt. 3/8" tip. Length, 12 1/2". List Price, \$3.75. YOUR PRICE..... \$2.20

N11747—Code 425, 200 Watt. 3/8" tip. Length, 14". List Price, \$7.50. YOUR PRICE..... \$3.89

Drake Midget Soldering Iron



An extra small iron particularly suited to servicing midget radios. Same high quality construction as above irons. 10 1/2" long overall. 3/16" dia. plunger type tip. 60 Watt element. Has 6 ft. heater cord and rubber plug. Magic Cup stand described below.

D11700—YOUR PRICE..... \$2.35

Drake "Magic Cup" Iron Stand



A twist of the iron tip and all oxide coating disappears. 7 1/2" long. D11701 Your Price 29c

Drake Heat Control

C11740—Without guard over iron rest. YOUR PRICE..... \$2.06

C11741—With guard over iron rest as shown. YOUR PRICE..... \$2.35

Has built-in resistance unit to provide low heat for keeping iron warm when not in use. A flip of the switch provides high heat and iron is ready for use. Protective guard over iron rest. Adjustable iron rest takes any iron. Has outlet receptacle and 4 ft. cord with plug. Sturdy all metal construction, cadmium plated.



Quality at Low Price



Plunger Type Tip

Nowhere on the market will you find the equal of these irons at such low prices. Plunger type tips firmly held by set screws are easily removed. Wire elements wound on steel core with mica insulation. Gun-metal finished tubes. 6 ft. cord with rubber plug. Well constructed handle. For 105-120 volt, AC-DC operation. All irons 12" long.

55 Watt Iron
C13052—3/8" plunger tip. Wt. 8 oz. YOUR PRICE..... 59c

75 Watt Iron
C13053—3/8" plunger tip. Wt. 10 oz. YOUR PRICE..... 82c

100 Watt Iron
C13054—3/8" plunger tip. Wt. 14 oz. YOUR PRICE..... 95c

Jackson Soldering Pencil

A small handy soldering tool for quick light work. For use by radio servicemen, jewelers, dentists and for household repairs. Heats quickly and is easy to handle. Black insulated handle, cord and finger guard. 6 ft. rubber cord. Stand included. For 110 volt, AC-DC operation.



C13043—25 Watt Iron. Includes three 3/8" dia. plunger type replacement tips. YOUR PRICE..... 88c

C13044—40 Watt Iron. Has 3/8" plunger type tip. YOUR PRICE..... \$1.15

Popular Service Items

Shield Grid Caps



Type A For standard glass, all-metal and "G" type tubes. Made of spring steel to insure close contact with terminal. (cadmium plated).

Type B

Type C

Standard Glass Octal Base

A11411 **Type A** A11413

A11412 **Type B** A11414

C11409-**Type C**

100 for 45c. 10 for..... **5c**

Insulated Grid Cap

Special spring bronze grid cap with soft rubber insulating cover. Attached 12" rubber covered wire lead.

A11422 - Standard Glass Tubes.

A11423 - Octal Tubes.

Your Price, Ea..... **5c**

Ten for 45c

A11424-866 Reel.

YOUR PRICE, Each..... 9c

Double Grid Clip

Permits grid cap connections to be made on both the regular glass bulb type and new octal base tube caps. Housed in a bakelite case. Completely insulated. Fitted with 12" lead and tip plug. List Price, 20c.

R11416-Red

R11415-Black

YOUR PRICE, EACH..... 12c

Mueller Insulated Grid Clip Assembly

Insulated clip on 9" flexible wire lead with phone tip on other end. Clip fits grid caps of all tubes. Used on many new tube checkers.

C11408

PRICE, Each 15c

Ten for \$1.30

Contact Terminal Strip and Plug

C12352 Plug

Each..... **4c**

Ten for 35c

For speakers, radio, P.A., etc. Spring contacts, 1/2" ctrs. mtd. on Bak. Strip.

Contact Strips

Stock Number	Number Contacts	Price Each	Ten for
C12353	2	6c	\$0.54
C12354	3	7c	.63
C12355	4	9c	.81
C12356	5	10c	.90
C12357	6	12c	1.04
C12358	7	15c	1.35
C12359	8	20c	1.80

Coil Shield with Base

Shield is 2 1/2" inside diameter 1 1/4" overall height. Grid lead hole in wall near top. Bases have oblong mounting holes to fit either 1 1/4" or 1 1/2" socket centers. Bright Aluminum finish.

R11760-

YOUR PRICE..... 10c

Ten for 85c

Grid Cap Shields For Metal Tubes

Fits firmly over top shoulder of all metal tubes affording complete shielding for grid terminal. Slot permits passage of grid wire.

A11410-

YOUR PRICE..... 4c

Ten for 30c

New Close Fitting Ventilated Tube Shields

For 55, 57, 58, 6A7, etc., Small Diameter Dome Shaped Tubes

Ventilated shell has three formed ribs which press against the side of the tube to hold it rigidly—dampens vibration and microphonic disturbances. Natural finish aluminum metal. A wide range of base mounting sizes. Cap height 1 1/2" slotted for grid lead. Shell diameter 1 1/2", height of body 3", chimney extension 3/4". Overall height assembled 4 3/4".

Aluminum Stock Number	Base Mounting Centers	Price Each	Ten for
K11767	1 1/2"	75c	75c
K11768	1 1/4"	50c	50c
K11769	1 3/8"		

Standard Type Ventilated Tube Shields

For 55, 57, 58 Tubes Improved Non-Rattle Type

Ventilated shell has three formed ribs which press against the side of the tube to hold it rigidly—dampens vibration and microphonic disturbances. A wide range of base mounting sizes. Cap height 1 1/2". Shell diameter 1 1/2". Overall height assembled 4 3/4".

Aluminum Stock Num.	Base Mounting Ctr. Centers	Price Each	Ten for
K11770	1 1/2"	75c	75c
K11771	1 1/4"	50c	50c
K11772	1 3/8"		

9c

Ten for 75c

Hundred \$6.50

Sub Panel Sockets Wafer Type

With Tube Locating Ring

Midget Size

Tubes easily and quickly inserted. Firm positive contacts. With mounting holes 1 1/2" inch centers. Overall length 1 1/2". Width 1 1/2".

Stock Number	Number Prongs	Price Each	Ten For
K12172	4	5c	45c
K12173	5		
K12174	6		
K12175	7		
K12176	8 (Octal)		

Standard Size

Mounting holes 1 1/2 inch centers. Overall length 2 1/2". Width 1 1/2".

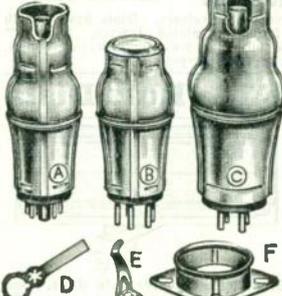
Stock Number	Prongs	Price Each	Ten For
K12177	4	5c	45c
K12178	5		
K12179	6		
K12180	7		
K12181	7L		

Bakelite Sockets

Moulded black bakelite. Have guide for tube prongs. Tubes quickly and easily inserted. Perfect contact. Easy to mount above panel or below panel of any material not over 1/2 inch thick. Mounting holes have 1 1/2" centers. *†Combination type.

Stock Number	Prongs	Price Each	Ten For
K12161	4	15c	\$1.45
K12162	5		
K12163	6		
K12165†	7-7S	21c	2.05
K12166	8(Octal)	23c	2.15

Improved Form-Fitting Tube Shields



For use where space is limited or to replace spray-shield type tubes. Two parts of shield fit snugly around tube and are firmly held in place by clamp ring. Grounding clip D for connecting shield to pin of octal tubes. E for grounding to chassis. F has slotted mts. ctrs. of 1 1/2 to 1 3/8". List Price, 12c.

YOUR PRICE, Each..... 5c

10 for 45c 100 for \$4.25

Stock Numbers

Type	Tube Bulb Type*	With Clip D	With Clip E	With Clip F
A	ST12D	11773D	11773E	11773F
A	ST12C	11774D	11774E	11774F
B	ST12D	11775D	11775E	11775F
B	ST12C	11780D	11780E	11780F
C	ST14	11781E	11781F	

*ST12D type includes all dome type tubes except those specified below. ST12C types are 22, 24A, 26, 32, 33 34, and 35/51.

Bantam Shields

Designed for bantam, 1.5 volt and other tubes having T9 bulb. Inside dia., 1 1/8" by 3 1/2" long.

C11798 - 1 Pc. Plain shield. No top included. PRICE, Each..... **2 1/2c**

Ten for 20c

Non-Removable Bakelite Top Binding Posts

A11238-Plain. Each

A11239-And. } 9c

A11240-Gnd. } Per Dozen

A11241-+ } 99c

A11242-- } Per Dozen

A11243-Input. } 99c

A11244-Output. } 99c

Captions engraved on polished black bakelite top. Diameter, 1/2 inch. Size, 6/32 screw, 1/2 inch long. Nut included.

Ten for 36c

Bakelite Binding Post Kit

C11245-Consists of 25 non-removable top bakelite binding posts like above with assorted captions as we select.

YOUR PRICE..... 97c

Insulated Binding Posts

With Built-in Banana Jack

Moulded, high dielectric, knurled grip, non-removable top. Takes either banana plug, phone tip, spade end or wire. Extends 1/2" above panel when top is screwed down. Fitted with 8/32 screw 1/2" long and two nuts.

C11483-Red } Pr. 7c

C11484-Black } Ea. 7c

Ten for 62c

Insulated Binding Posts

High dielectric, insulated top, diameter 1/2" long. Threaded metal base washer 1/2" diam., 1/2" thick.

TEN FOR

C11489-Red } 35c

C11490-Black } 35c

Terminal Strip Assemblies



Genuine laminated bakelite strip 1/2" thick, 3/4" wide. Latest type screw and collar terminals with rigid-non-shift lug. Collar and lug is one single piece and mounted rigidly and securely through the terminal strip. Screws are brass nickel plated. Centers between terminals, 5/8".

Stock Number	Terminals	Length	Price Each	Ten For
K11360	2	2 1/4"	9c	\$0.74
K11361	3	2 3/4"	12c	.98
K11362	4	3"	15c	1.25
K11363	5	3 1/4"	19c	1.55
K11364	6	4"	23c	1.85
K11365	7	4 1/4"	28c	2.50
A11217	8	5 1/4"	34c	3.00
A11218	9	6 1/4"	40c	3.55
A11219	10	7"	46c	4.00

Terminal Strips



An attractive brown bakelite 3/4" thick terminal strip made for light duty radio work, experimental uses, P.A., etc.

Stock Number	Number Terminals	Price Each	Ten for
C13075	2	6c	55c
C13076	3	7c	65c
C13077	4	11c	95c
C13078	5	12c	\$1.15
C13079	6	13c	1.25

Screw and Lug Assembly

2" long, 1 1/2" wide. Mounting holes 1 1/2" centers. Wide head cadmium plated screws on 3/4" centers. Solder lugs riveted on, extend 1/2".

K11206-PRICE EACH... **4c**

Ten for...33c Per Hundred...\$2.95

Terminal Lugs

Nickel plated phosphor bronze terminal lugs. Screw included. Illustration is actual size.

C11207-... **19c**

Ten for...\$1.75

Tie Terminal

A single terminal entirely insulated on the mounting lug. Handy for tying three or four leads together.

K11370-Ten for..... **19c**

Per Hundred, \$1.16

New Lug Terminal Strip

Bakelite Insulation

C11371-... **14c**

Ten for.....

Terminal Strips

Simplifies wiring and provides a ready means of mounting resistors. Center terminal may be grounded by mounting directly to chassis. 1 1/4" long. Lugs tinned.

Terminal Strips

Tinned lugs mounted securely on laminated bakelite strips. High insulation factor. Lugs widely spaced. Two lug mounting.

Stock Number	Terminals	Price Each	Ten For
D11359	1	2c	14c
D11372	2	3c	16c
K11366	3	3c	18c
K11367	4	4c	33c
K11368	5	4c	33c
K11369	6	4c	33c

DIALS AND DIAL REPAIR PARTS

Attractive Designs - Improved Construction

Improved model dials for all-wave and broadcast receivers. Dials have smooth friction or cable drives. No backlash. Cadmium plated frames. Fits $\frac{3}{8}$ " condenser shaft but supplied with reducer bushings for use with $\frac{1}{4}$ " shafts. All dials include Escutcheon plate and pilot lamp sockets.

Airplane Dials



Airplane type dials with peach colored translucent dial scales. Upper scale is marked 0-100 with clockwise rotation. Lower scale is marked 0-100 counter-clockwise. Dual pointer. Smooth friction type drive. Has glass protected dial face. Attractive antique bronze escutcheon.

Giant 5" Dial
A10645—Has 6" Escutcheon and 14 to 1 ratio drive. **YOUR PRICE..... \$139**

4" Airplane Dial
A10632— $\frac{1}{2}$ " Escutcheon. 10 to 1 ratio drive. **YOUR PRICE..... \$105**

3 1/2" Airplane Dial
A10630— $\frac{1}{2}$ " Escutcheon. 6 to 1 ratio drive. **YOUR PRICE..... 83¢**

2 1/2" Airplane Dial
A10628— $\frac{2}{3}$ " Square Escutcheon. 6 to 1 ratio drive. **YOUR PRICE..... 68¢**

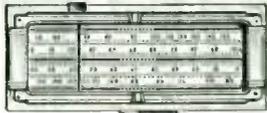
4 1/2" Oval Dial
With Escutcheon and Lamp Sockets
A10648
Your Price **\$132**



Square, edge lighted glass dial scale measures $4\frac{1}{2}$ " x $5\frac{1}{2}$ ". Calibrated 0-100 outer and 100-0 inner. Pointer covers 180° rotation. White letters and pointer. Black background. Ratio 6 to 1. Friction drive.

Dial Cable Tension Spring
Keeps proper tension on all types of dial cable drives. Made of high grade music wire. Nickel plated. Size: $\frac{1}{8}$ " dia., $\frac{3}{8}$ " long. **A4253—Set of 3. 9¢**

Slide Rule Dials



Beautiful new slide rule dials. Long scale lengths make tuning easier. Has four separate calibrations: 55 to 150, 0 to 100, 100 to 0 and 150 to 55. Attractive antique bronze finished escutcheons. Dial scale is finished by unbreakable clear celluloid lens. Dials have flexible shaft couplings to compensate for any misalignment of condenser mounting. Smooth cable drive.

Giant 11" Dial
A10636—11"x4" Escutcheon. $\frac{3}{4}$ " x 3" Dial scale. 10 to 1 ratio. **YOUR PRICE..... \$376**

8 1/2" Wide Dial
A10637— $8\frac{1}{2}$ " x 4" Escutcheon. $\frac{7}{8}$ " x 4" Dial scale. 10 to 1 ratio drive. **YOUR PRICE..... \$259**

6 1/2" Wide Dial
A10638— $6\frac{1}{2}$ " x 2 1/2" Escutcheon. 5 to 1 ratio drive. **YOUR PRICE..... \$206**

Crowe Slide Rule Dial
D10655
Your Price **95¢**



Attractive 3 color finish with embossed effect on calibration and background. Two scales: 550 to 1700 KC and Universal 0-100. Direct drive fits $\frac{1}{4}$ " shaft. Requires panel opening size $1\frac{1}{2}$ " x $3\frac{3}{4}$ ". Complete with pilot light sockets and escutcheon with unbreakable crystal. **D10656**—Similar to above with 7-1 ratio drive. Mig. hole required, $1\frac{1}{2}$ " x $5\frac{1}{2}$ ". **YOUR PRICE..... \$141**

Victor R-32 Pilot Lamp
American Made
110 Volt, 10 Watt
Especially for Victor R-32 and Colonial Receivers. May also be used in continuity tests to indicate open or short circuits. Intermediate base. Sprayed white. **C10598—EACH 15¢**
Ten for \$1.44



Dial Belt Kits

Complete assortment of dial belts containing a replacement for practically any radio. Each assortment housed in attractive baked wrinkle finish 24 gauge steel cabinet, size $8\frac{1}{4}$ " x $1\frac{1}{2}$ " x $1\frac{3}{8}$ ". Includes measuring device and replacement chart. Cabinet will hold up to 100 belts.

D15295—Kit of 25 asstd. **YOUR PRICE..... \$367**
D15296—Kit of 50 asstd. **YOUR PRICE..... \$686**
D15297—Kit of 100 asstd. **YOUR PRICE..... \$1323**



Bronze Dial Cable



B4239—5 Ft. Length. **PRICE, EACH..... 19¢**
D4240—25 Ft. Spool. **YOUR PRICE, EACH..... 69¢**
D4241—50 Ft. Spool. **YOUR PRICE, EACH..... \$1.24**

Right size, flexibility, and strength for any make drum dial. Six individual cables each consisting of seven fine strands of phosphor bronze wire are scientifically braided together and around a strong center fibre cord making a cable $\frac{1}{8}$ " diameter. Best quality cable made.

Braided Bronze Dial Cable
16 number 36 bronze wires braided over strong linen thread center.

B4243—25 foot coil **22¢**
B4244—50 foot coil **36¢**
B4245—100 foot spool **54¢**

Dial Drive Springs



D4254
Kit of 25 Assorted
Your Price **59¢**

A new Kit of hard to get dial drive tension springs. Six assorted sizes that will take care of all dial repairs. Every service man should have a kit of these springs. Springs are cadmium plated. Packed in a neat box.

Push-On Knob Springs



D4251
Kit of 35 Assorted
List, 60¢
Your Price **35¢**

At last!—that hard-to-get item that Radio Men have needed! These push-on knob springs are put up in an assortment of various types needed for all knobs. Spring knobs that are used in Majestic, RCA, Philco, General Electric, etc. This kit will come in handy to replace those lost or broken springs. Every Serviceman needs a kit. **D4252**—Kit of 100 Springs. List Price, \$1.25. **YOUR PRICE..... 73¢**

Radio Knob Felts

D4256—Box of 25 Felts. For use behind Radio Knobs to prevent rubbing and scratching cabinets. **YOUR PRICE..... 15¢**

Set Screw Assortment



Headless set screws for replacement use in all types of knobs, shaft couplings, etc. Bottom of screw is in cup form to provide a firm grip. Kit includes screws in 13 sizes of 6/32, 8/32, and 10/32. Lengths $\frac{1}{2}$ to $1\frac{1}{2}$ ". In metal case. **D4154**—Kit of 100. **YOUR PRICE..... 73¢**
D4153—Kit of 50. **YOUR PRICE..... 44¢**

Set Screws

C11910—6 32x $\frac{1}{4}$ " L. Any Type
C11911—8 32x $\frac{1}{2}$ " L. Ten for
C11912—8 32x $\frac{3}{4}$ " L. **11¢**
C11913—10 32x $\frac{1}{2}$ " L.

Dial Drive Rubbers



Especially designed for practically all Atwater-Kent, R. C. A., Stewart-Warner, Emerson, Kennady and others. **C4150**—24 Assorted. **YOUR PRICE..... 84¢**

Linen Dial Cable

Strong extra thin linen cable tightly braided. Dia. approx. .024".

D4195—3 foot coil. **12¢**
D4196—25 foot spool. **44¢**
D4197—100 foot spool. **\$1.47**

Medium Weight Linen Cable

Made of finest linen. Tightly braided. Tensile strength 150 lbs. Diam. Approx.

A4250—5 foot. **19¢**
D4246—25 foot spool. **64¢**
K4247—100 foot spool. **\$2.15**

Heavy Linen Cable

Tensile strength 200 lbs. Used on Philco and Brunswick receivers and many other sets. Diam. Approx. $\frac{1}{16}$ ".

K4248—25 foot spool. **78¢**

Dial Cable Kit



D4242—Your Price Per Kit **\$230**

Kit contains: Four 25 ft. spools of popular type Dial Cable; 25 ft. GE-RCA Cable; 25 ft. Light Linen Cable; and 25 ft. Heavy Linen Cable. With this Kit you are supplied FREE an assortment of Eyelets and Clamps for making Ready Made Cables. The contents are put up in a neat box that will make a permanent container for the Dial Cable Spools.

Eyelet and Clamp Ass't.

D4151—YOUR PRICE **15¢**
Contains 50 assorted eyelets and clamps same as used on ready made dial cables. Make your own cables and save time.

D4152—Cable Eyelet Tool. Consists of base which may be inserted in vise and punch for turning small rivets and eyelets. **YOUR PRICE, Per Set..... 29¢**

Dial Drive Rubber

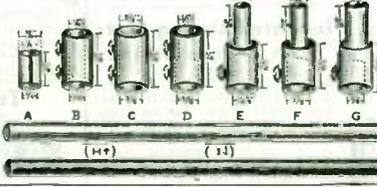
For repairing complete dial assemblies in many Atwater-Kent, and Stewart-Warner receivers. Made of rubber. Size, $\frac{1}{8}$ " dia., $\frac{1}{4}$ " thick.

C4149—10 for 59¢ **10¢**
YOUR PRICE, EACH..... 10¢

Shaft Couplings, Reducers, Extenders

Brass and Fibre Shafting

Machined brass fittings for coupling shafts of uniform or dissimilar diameter; for extending rheostat, volume control or switch shafts. Extension fittings are furnished to expand or reduce shaft diameter. Shafting is available in brass or fibre.



Stock Number	Style	Length	Description	Your Price
K11785	A	3/4" Long	1/4" Hole I.D. 1/2" O.D. Dial Bushing	5c
K11786	B	3/4" Long	1/4" Hole I.D. 1/2" O.D. Coupling	9c
K11787	C	3/4" Long	1/4" Hole I.D. 1/2" O.D. Coupling	9c
K11788	D	3/4" Long	1/4" Hole I.D. 1/2" O.D. Coupling	9c
K11789	E	1-1/4" Long	1/4" Hole I.D. 1/2" O.D. Extender	9c
K11790	F	1-1/4" Long	1/4" Hole I.D. 1/2" O.D. Reducer	9c
K11791	G	1-1/4" Long	1/4" Hole I.D. 1/2" O.D. Reducer	9c
K11792	H	6" Long	1/4" Diameter Brass Shafting	9c
K11793	H	12" Long	1/4" Diameter Brass Shafting	9c
K11794	I	6" Long	1/4" Diameter Fibre Shafting	9c
K11795	I	12" Long	1/4" Diameter Fibre Shafting	9c

EVEREADY Radio Batteries

TRADE-MARK



No. 482 Minimax 45 V. "B"

For Portable Radios

A new compact battery source of "B" power that will give the same number of listening hours as batteries twice the size. Physically and Electrically they meet the requirements of practically any make portable radio. The dealer who keeps Minimax in stock can, with rare exception, supply batteries for every make of battery receiver. May be used in either battery, or combination battery—AC-DC operated portables. Used with Minimax "A" batteries at left, they will fit practically all radios that otherwise usually require a special pack. Plug-in terminals. Size 3 1/2" L x 1 1/2" W x 5 1/2" H. Net wt. 2 lbs. D52—Less plug. List, \$1.50. **\$1.13**
YOUR PRICE, Each.
In Lots of 2, Each \$1.03.



No. 745-746 1 1/2 and 6 V. "A"

For Portable Radios

A companion unit to the Mini-Max "B" battery shown at left. Eveready Mini-max "A" and Portable "B" batteries used in correct combination, will fit many radios that would otherwise require special packs. Will give approximately the same life as Mini-Max "B". Has plug-in type connection. Plug not supplied.

No. 745—1 1/2-Volts
Size-L. 10 1/2"-W. 1 1/2"-H. 3 1/2". Weight 3 lbs. List, 95c.
D41—YOUR PRICE, Each. **66c**

No. 747—6-Volts
Size-L. 10 1/2"-W. 1 1/2"-H. 3 1/2". Weight 3 lbs. List, \$1.00.
D44—YOUR PRICE, Each. **69c**

New Smaller Minimax

No. 467—67 1/2 Volts

Same type construction as No. 482 above. Has double the service life of ordinary batteries of the same size. Size L. 2 1/2"-W. 1 1/2"-H. 3 1/2". Wt. 10 1/2 oz. Snap type connections. D76—List, \$2.50. **\$1.72**
Net Each.

"B" Batteries

No. 762
45-Volts
Size-L. 4 1/2"-W. 2 1/2"-H. 3 1/2".
Weight 3 lbs.
Plug-in type.
Less plug.
List, \$1.50.
D70—**\$1.03**
Each.

No. 738—45-Volts
Size-L. 2 1/2"-W. 2 1/2"-H. 4 1/2".
Weight 1 1/2 lbs. Plug-in type, tapped at +2 1/2 Volts. Less plug.
D61—List, \$1.50. Net Each **\$1.03**



Exclusive flat-cell construction eliminates waste space and insures long life and a maximum of operating efficiency. Plug-in type tapped at +2 1/2 Volts. **No plug-in connector included.**

No. 585—45 Volt
Averages 375 hours life. Size-L. 8 1/2"-W. 3 1/2"-H. 7 1/2". Weight 9 lbs. Tapped at +2 1/2 Volts. **\$1.12**
D75—List, \$1.39. Net Each
In Lots of 6, Each \$1.02

No. 485—45-Volt
Averages 500 hours life. Size-L. 8 1/2"-W. 3 1/2"-H. 7 1/2". Weight 9 1/4 lbs. Tapped at +2 1/2 Volts. **\$1.29**
D78—List, \$1.69. Net Each
In Lots of 6, Each \$1.18

No. 486—45-Volt
Averages 750 hours life. Size-L. 8 1/2"-W. 4 1/2"-H. 7 1/2". Weight 14 lbs. Tapped at +2 1/2 Volts. **\$1.61**
D79—List, \$2.10. Net Each
In Lots of 6, Each \$1.46

No. 386—45-Volt
Averages 915 hours life. Size-L. 8 1/2"-W. 4 1/2"-H. 7 1/2". Tapped at +2 1/2 Volts. Weight 15 lbs. **\$1.87**
D74—List, \$2.45. Net Each
In Lots of 6, Each 1.70

Clip-In Plugs

D10—For all 45 Volt Plug-in type batteries.
D11—For No. 768
D12—For No. 771
D13—For Nos. 740, 741, 742, 743, A1300 "A" batteries.
YOUR PRICE Any Type, Each. **4c**

"C" Batteries

No. 768
22 1/2 Volt
Size-L. 4 1/2"-W. 2 1/2"-H. 2 1/2". Weight 2 lbs. Plug in type tapped at -3, -1 1/2, -16 1/2 Volts. List, 98c. **68c**
D69—YOUR PRICE, Each.

No. 763—22 1/2-Volt
Size-L. 3 1/2"-W. 2 1/2"-H. 2 1/2". Weight 1 lb. Binding post terminals. No. 763—List, \$1.20. **90c**
D66—YOUR PRICE, Each.
In Lots of 5, Each 82c

No. 771—4 1/2-Volt
Size-L. 4 1/2"-W. 1 1/2"-H. 3 1/2". Weight 8 oz. Plug in type tapped at 3 Volts. Less plug. List, 35c. **26c**
D67—YOUR PRICE, Each.
In Lots of 5, Each 24c

No. 761T—4 1/2-Volt
Size-L. 4 1/2"-W. 1 1/2"-H. 3 1/2". Weight 1 lb. Binding post terminals tapped at -1 1/2, -3 Volts. List, 55c. **41c**
D68—YOUR PRICE, Each.
In Lots of 5, Each 37c

7 1/2 Volt "C" Batteries

No. 773
7 1/2 Volts
Size-L. 4 1/2"-W. 1 1/2"-H. 3 1/2". Weight 3 1/2 lbs. Binding post and wire terminals tapped at -1 1/2, -3, -4 1/2, -6 Volts. List, 65c. **48c**
D64—YOUR PRICE, Each.
In Lots of 5, Each 43c

No. 774—7 1/2-Volt
Size-L. 4 1/2"-W. 1 1/2"-H. 3 1/2". Weight 3 1/2 lbs. Plug in type tapped at -1 1/2, -3, -4 1/2 Volts. Less plug. List, 65c. **48c**
D63—YOUR PRICE, Each.
In Lots of 5, Each 42c

90 Volt "B" Battery

No. 749
90 Volts
Size-L. 13 1/2"-W. 3 1/2"-H. 7 1/2". Weight 18 lbs. Plug in type not tapped, less plug. List, \$3.45. **\$2.33**
D62—YOUR PRICE, Each.

Battery Testers

Portable type battery testers to test "B" Batteries. Dry Cell Storage Batteries. 4-c Long insulated cord with 1" prod on end, for testing batteries with socket terminals.

C10376—0-40 Amps. for Dry Cells
C10377—0-50 Volts for B Batteries
YOUR PRICE, Each. **59c**

D10372—0-1.5 V. & 0-90V.
D10373—0-7.5V. & 0-90V.
C10378—0-40 Amp. & 0-50 V.
YOUR PRICE, Each. **88c**

"A" Batteries

All are plug in type without taps and supplied without plug-in connector.

No. 742
1 1/2 volt
Size-L. 2 1/2"-W. 2 1/2"-H. 4". Weight 1 1/2 lbs. List, 50c. **34c**
D77—YOUR PRICE, Each.

No. 746—4 1/2-Volt
Size-L. 3 1/2"-W. 1 1/2"-H. 4 1/2". Weight 1 lb. List, 45c. **34c**
D42—YOUR PRICE, Each.
In Lots of 2, Each 31c

No. 741—1 1/2-Volt
Size-L. 3 1/2"-W. 2 1/2"-H. 5 1/2". Weight 3 1/4 lbs. List, 95c. **66c**
D72—YOUR PRICE, Each.

No. 743—1 1/2-Volt
Size-L. 3 1/2"-W. 2 1/2"-H. 3 1/2". Weight 1 3/4 lbs. List, 75c. **51c**
D40—YOUR PRICE, Each.

Air Cell "A" Batteries

No. 718—6-Volt
Size-L. 3 1/2"-W. 2 1/2"-H. 5 1/2". Weight 3 1/2 lbs. List, \$1.00. **69c**
D43—YOUR PRICE, Each.

Air Cell "A" Batteries

No. A2300—2-Volt
Size-L. 8 1/2"-W. 5 1/4"-H. 8 1/4". Weight 1 1/2 lbs. dry. For sets drawing up to 660 Ma. 500 hour life. List, \$4.25. **\$2.92**
D86—YOUR PRICE, Each.

No. A2600—2-Volt
Size-L. 9-6/8"-W. 6 1/4"-H. 10 1/4". Weight 2 1/2 lbs. dry. For sets drawing up to 660 Ma. 1000 hour life. **\$4.51**
D83—YOUR PRICE, Each.

No. SA2600—2-Volt
Size-L. 9-6/8"-W. 6 1/4"-H. 10 1/4". Weight 2 1/2 lbs. dry. For sets drawing up to 750 Ma. 800 hour life. List, \$8.00. **\$5.40**
D84—YOUR PRICE, Each.

No. A1300—1 1/2-Volt
Size-L. 5 1/2"-W. 4 1/4"-H. 8 1/4". Weight 6 lbs. dry. 660 Ma. capacity. 1500 hours life on 200 Ma. List, \$2.45. **\$1.69**
D85—YOUR PRICE, Each.

NOTE:
All Eveready Prices Shown Are Net. 2% Cash Discount Already Deducted

The batteries listed on this page will satisfy practically every replacement requirement. We supply special batteries for every Radio made. Send in your order. Lowest prices.

"A" Batteries

No. 711 1 1/2-Volts
Size-Dia. 2 1/2"-H. 2 1/2". Weight 1 1/2 lbs. 2 oz. List, 45c. **33c**
D50—Your Price, Ea.

In Lots of 12, Each 30c
No. 6 1 1/2-Volts Size-Dia. 2 1/2"-H. 2 1/2". Weight 2 lbs. 2 oz. List, 40c. **28c**
D51—YOUR PRICE, Each

In Lots of 12, Each 26c
No. 16 1 1/2-Volts Size-Dia. 2 1/2"-H. 2 1/2". Weight 2 lbs. 2 oz. List Price, 25c. **21c**
D52—YOUR PRICE, Each
In Lots of 12, Each 19c

Dry "A" Batteries

No. X125—3-Volts
Size-L. 1 1/2"-W. 1 1/2"-H. 7 1/2". Weight 20 lbs. Clip connectors. List Price, \$3.50. **\$2.28**
D80—YOUR PRICE, Each.

No. 740—1 1/2-Volts
Size-L. 4 1/2"-W. 3 1/2"-H. 7 1/2". Weight 7 lbs. Plug-in type. Less plug. List Price, \$1.80. **\$1.23**
D81—YOUR PRICE, Each.

Flashlight Cells

No. 950 1 1/2-Volts Size-Dia. 1 1/2"-H. 2 1/2". List Each, 10c. **78c**
D58—Your Price 12 for.

No. 935 1 1/2-Volts Size-Dia. 1 1/2"-H. 2". List Each, 10c. **78c**
D59—Your Price 12 for.

No. 915 1 1/2-Volts Size-Dia. 1 1/2"-H. 2". List Price, Each 5c. **39c**
D60—Your Price, 12 for.

Test Batteries

No. 750—3-Volts
Size-L. 1 1/2"-W. 3 1/2"-H. 2 1/2". List, 15c. **10c**
D57—Your Price, Each.

No. 751—4 1/2-Volts
Size-L. 2"-W. 3 1/2"-H. 3 1/2". List, 30c. **20c**
D56—Your Price, Each.

No. 703—4 1/2-Volts
Size-L. 2 1/2"-W. 3 1/2"-H. 2 1/2". List, 30c. **20c**
D55—Your Price, Each.

No. 781—4 1/2-Volts
Size-L. 2 1/2"-W. 3 1/2"-H. 3 1/2". List Price, 40c. **30c**
D54—Your Price, Each.

Radio Experimenters' Supplies

Microphones for Experimenter



Desk Models

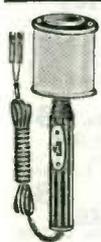
Make your own broadcast over your own radio to entertain your friends at gatherings, parties, etc. These microphones will provide much amusement and surprise. Mikes are supplied with adapters, attachment cords and instructions for easily attaching to any radio.



Carbon Microphone C9968—Single button carbon mike in brown enameled metal case 3 1/2" high. Supplied with cord and adapters.
YOUR PRICE \$54c

Quam Microphone

C9984—High impedance permanent microphone. Can be used on wireless record players, radio sets, etc. Connects directly to tube grid. No field excitation necessary. Freq. range 60 to 8000 cps. Output —50 Db. Case 5 1/2" high. 5 ft. Cord with phone tips, no adapters supplied.
YOUR PRICE \$176



Hand Microphones

C9964—Similar to Type B but not quite as well made. Has wooden handle with switch. Complete with cord.
YOUR PRICE 98c

C9969—Type A. Single button carbon microphone in metal case. Looks like a professional crystal type mike. Has switch in handle and 10 ft. cord.
YOUR PRICE \$118

C9970—Type B. Single button carbon microphone in attractive cast metal case trimmed in bright nickel. With switch in handle and 10 ft. cord.
YOUR PRICE \$162

Type A

Diagrams and instructions included.



Type B



Permo-Magnetic Microphone

With High Impedance Output

D9967—A high quality microphone using the new type high impedance permanent magnet unit. The high impedance output permits direct connection to tube grid and ground. Highly sensitive. Frequency range of 60 to 8000 cycles assures perfect response. For either hand or desk use with receivers, amplifiers, transmitters, record players, recorders, etc. Contained in attractive, professional type crystalline finished case with metal base. 5 Ft. Cord with phone tips and full installation instructions included.
YOUR PRICE \$232

Microphone-Speaker



Oxford P.M. Type

A new midret 3 1/4" PM dynamic speaker housed in brown bakelite case, size 4 1/4 x 1 1/2". Useful for many applications

such as auxiliary extension speaker, intercommunication systems, etc. Requires no field excitation. The microphone model is of dynamic type and is unusually sensitive with good frequency response. Just connect to output transformer of receiver or to grid of tube when used as microphone. Sturdy construction. Voice coil imp. 3 1/2 ohms.

D15658—For use as speaker. Less output transformer. Use output transformer on receiver or transformer listed below.
YOUR PRICE \$206

D16659—For use as microphone. Includes shielded input transformer for matching speaker to tube grid of amplifier or radio.
YOUR PRICE \$265

D6953 — Universal Tube Output Matching Transformer for above.
YOUR PRICE \$50c

Grid Cap Adapters



Inserts between grid cap and tube for connecting high impedance crystal or magnetic phono-pick-ups, microphones or matching transformers to tube grid. Does not interfere with circuit wiring. Has split grid connection. Completed connection is made by using jumper across clips, or switch may be inserted for cutting in and out.

D12329—For Large Grid Caps.
D12274—For Small Grid Caps.
List Price, 50c.
YOUR PRICE, Each..... 26c

Carbon Mike Kit Adapters



For matching any carbon microphone to a high impedance input such as a tube grid of an amplifier or radio. Consists of carbon mike-to-grid matching

transformers, 4 1/2 volt battery and current limiting control with on-off switch, dial plate and knob.
D13587—Kit for Single Button Carbon Mike.
YOUR PRICE \$149
D13588—Kit for Double Button Carbon Mike.
YOUR PRICE \$175

Mike or Phono Adapters



D12186—5 Prong.
D12187—6 Prong.
D12188—7S Prong.
D12189—8 Prong.
for Octal tubes.
YOUR PRICE \$54c

Split cathode connections. Used as a low impedance phono-graph or microphone adapter by inserting under detector or 1st stage audio tube.

Wafer Adapters

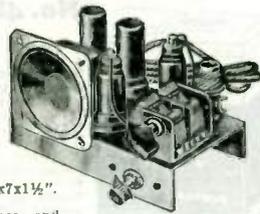


For making connection to any tube prong. Two discs of bakelite riveted together. Holes punched for tube prongs. In each hole is a metal contact connected to a lug. Lugs can be bent to any position or clipped off if not needed.

D12190—4 prong. } **PRICE, Each**
D12191—5 prong. } **12c**
D12192—6 prong. }
D12193—7 prong. } **10 for \$1.05**
D12194—8 prong. For Octal base tubes.
YOUR PRICE, EACH..... 19c

4 Tube AC-DC TRF Kit

Complete kit of parts for a quick, easily assembled, extremely compact, sensitive AC-DC TRF set. Uses a pair of high gain 112z wire wound coils covering 1550 to 540 Kc with a 2 gang variable tuning condenser. Built-in wire antenna. Circuit employs four metal tubes, types 6K7 as RF Amplifier, 6J7 Detector, 25L6 Output Amplifier and 25Z6 Rectifier. 3 1/4" Electro-dynamic speaker delivers plenty of volume. Volume control has attached on-off switch. Pilot light. Line cord resistor. Includes punched and drilled chassis finished in black wrinkle enamel, size 4 1/2 x 1 1/2". For 105-120 volt, AC or DC operation.



D16421—Complete kit of parts less tubes, and cabinet.
YOUR PRICE \$475
D1334—Set of 4 tubes when purchased with above.
YOUR PRICE \$1.65

"Wireless" Phono Oscillator Kit

A complete kit of parts for constructing your own phonograph oscillator. Permits any record player having a high impedance magnetic or crystal pickup to be played thru any broadcast receiver without connection between the two. Compactly designed so as to fit into the record player case. Chassis finished in gray crackle lacquer. Adjustable trimmer permits oscillator to operate between 900 to 540 Kc. Uses 70L7GT tube. For use on 105-120 volt, AC or DC use.



D16422—Less tube.
YOUR PRICE \$175
D1335—Sylvania 70L7GT Tube.
YOUR PRICE \$1.13

Plug-in Coil Kits

Space wound on 1 1/2" dia. x 3/4" high bakelite coil forms. 4 Prong coils have primary and secondary. 6 Prong coils have primary, secondary and tickler. For use with .00014 mfd. tuning condenser. Instructions for building an efficient short wave and broadcast receiver are included.



Short Wave Coils
Set of 4 coils to cover 9.5 to 200 meters or 1500 Kc. to 31.5 Mc.
C13491—4 Prong Kit. **85c**
YOUR PRICE..... \$135
C13492—6 Prong Kit.
YOUR PRICE..... \$135

Broadcast Coils
Set of 2 coils to cover 100 to 570 meters or 525 Kc. to 3000 Kc.
C13493—4 Prong Kit. **65c**
YOUR PRICE..... 85c
C13494—6 Prong Kit.
YOUR PRICE..... 85c

Low Loss Type



Wire wound on 4 prong low-loss bakelite ribbed forms. 1 1/2" Diameter, 2 1/4" high. Rim handle makes it easy to change coils. Uniformity and precision of the spaced primary and secondary windings insures a high degree of efficiency. Printed insert signifies wave length of coil. For use with 140 or 150 mmd. tuning condenser.

D9560—Broadcast Coil Kit. 2 Coils cover 190 to 550 meters.
YOUR PRICE, Per Set..... 94c
D9561—Shortwave Coil Kit. 4 Coils cover 9 1/2 to 217 meters.
YOUR PRICE, Per Set..... \$115

Bakelite Coil Forms

Bakelite forms measuring in 1 1/2" dia., by 2 1/4" high. Rim on top makes it easy to insert and pull out of socket. Rim is grooved for color coding.
D9800—4 Prong } **10c**
D9801—5 Prong } **Each**
D9802—6 Prong }
D9803—4 Prong } **12c**
D9804—5 Prong } **Each**
D9805—6 Prong }

Small Ribbed Type
Low-loss ribbed amber colored bakelite forms with rim for easy changing. Size 1 1/2" dia., 3 1/4" high.
D9806—4 Prong } **17c**
D9807—5 Prong } **Each**
D9808—6 Prong }

Large Ribbed Type
Low loss ribbed molded bakelite construction. Size 1 1/2" dia., 3 1/4" high.
D9806—4 Prong } **17c**
D9807—5 Prong } **Each**
D9808—6 Prong }

Code Practice Set



C9961—Single Unit. **85c**
YOUR PRICE..... \$185
C9962—Double Unit with 50 ft. wire for two-way communication.
YOUR PRICE..... \$185

Suitable for code practice or sending and receiving between two stations. Consists of high frequency buzzer and blinker light with change-over switch for using either, and telegraph key. Uses 2 standard size flashlight cells each unit. Code instruction card mounted on top of unit. Less batteries.
C58—Flashlight Cells. **6 1/2c** Each.

Morse Code Linguaphone Records

Learn the Morse Code Quickly and Easily
D15393—List, \$12.50. **\$750**
YOUR PRICE, Per Set..... \$750

Learn the International Morse Code quickly and easily by the sight and sound method. Consists of 5 double faced records with album and code book. You learn the code by playing the records and watching the dot and dash equivalent in the code book. No tedious drudgery of practice. Study at home in your leisure time. A scientifically correct way to learn the code as it simulates actual operating conditions. Sending speed can be adjusted to suit personal requirements by varying phonograph speed.



Radio Experimenters's Supplies

Meissner Radio Set Kits

4-5-6

Tube Sets

These new radio set kits are designed to obtain the highest efficiency possible from the number and types of tubes used. The finished job will surpass the performance of most factory built sets of equal number of tubes. Particularly recommended for beginners in radio who wish to gain experience by building their own sets. Tuning range 535-1600 Kc. Complete kits include punched and drilled chassis base, tuning condenser, airplane dial and escutcheon, resistors, controls, condensers, sockets, all coils, shields, knobs, hardware, wire, solder, power transformer (AC sets only) and complete pictorial and schematic wiring diagrams. Tubes, speaker, cabinet and panel are not included.



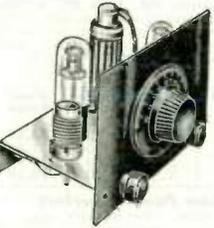
- C16450—4 Tube AC-DC TRF Kit. For 105-120 volt, AC-DC operation. Chassis size, 7x4 1/2". **YOUR PRICE..... \$955**
- C1300—Set of 4 Sylvania Tubes: 6K7, 6J7, 25A6, and 25Z6. **YOUR PRICE..... \$242**
- C16451—5 Tube AC TRF Kit. (Illustrated.) Has 3 gang tuning condenser and tone control. For 105-120 volt, 50-60 cycle AC operation. Chassis size, 9x7". **YOUR PRICE..... \$1382**
- C11301—Set of 5 Sylvania Tubes: 2-6K7's, 6J7, 6B6 and 5Y4G. **YOUR PRICE..... \$248**
- C16452—6 Tube AC TRF Kit. Has 4 tuned circuits, AVC, tone control, iron core coils and calibrated dial. For 105-120 volt, 50-60 cycle operation. Chassis, 12x10". **YOUR PRICE..... \$2117**
- C1302—Set of 6 Sylvania Tubes: 3-6K7's, 6Q7, 6V6G and 5Y4G. **YOUR PRICE..... \$280**
- C16453—Metal Cabinet and Panel for 6 Tube Set. Drilled and cut. Black crackle finish overall. Size, 11x14x10". **YOUR PRICE..... \$372**

Speakers for Above

- C15747—5" P.M. Dynamic for 4 tube set. With output transformer. **YOUR PRICE..... \$133**
- C15748—5" Speaker..... **\$147**
- C15749—6" Speaker..... **\$164**
- C15617—8" Speaker..... **\$2.70**

1/2 Volt Battery Set Kits

Latest developments in radio design are incorporated in these new battery sets. Particularly designed for the radio beginner and experimenter. Easy to wire and remarkably efficient in operation. Chassis base is punched and drilled to take up to 3 tubes so that a one tube set can be later converted to a 2 or 3 tube set. Each kit includes all necessary parts such as chassis, panel, sockets, resistors, condensers, wire, hardware, knobs, broadcast band, plug-in coil, etc. Tubes, batteries, headphones and cabinet are not included. Three tube set has sufficient volume to operate a speaker.



- C16454—One Tube Set. Uses 1E4G tube and 1-1/2V. "A" and 1-45V. "B" batteries. **YOUR PRICE..... \$294**
- C16455—Two Tube Set. Uses 1E4G, 1C5G tubes, 1-1/2V. "A", 1-7/2V. "C" and 2-45V. "B" batteries. **YOUR PRICE..... \$353**
- C16456—Three Tube Set. Uses 1C5G, 1E4G and 1E5G tubes, 1-1/2V. "A", 1-7/2V. "C" and 2-5V. "B" batteries. **YOUR PRICE..... \$441**

Add-On-Kits for Above

- C16457—Converts 1 tube set to 2 tube. **YOUR PRICE..... \$44c**
- C16458—Converts 2 tube set to 3 tube. **YOUR PRICE..... \$109**

Accessories for Above Sets

- C9718—Plug-In Short Wave Coil Set. 3 Coils for 17-20 meters. **YOUR PRICE..... \$105**
- C9410—Single Headphone with Base. Pr. 59c
- C52—1 1/2 V. A Eveready Battery. Price..... 19c
- C65—7/2 V. C Eveready Battery. Price..... 43c
- C75—45 V. B Eveready Battery. Price..... 96c
- C1152—Sylvania 1C5G. Price..... 68c
- C1169—Sylvania 1E4G. Price..... 68c
- C1226—Sylvania 1E5G. Price..... 54c

Carron Crystal Sets

Provides real economical radio enjoyment in localities near broadcasting stations. Housed in attractive solid walnut cabinets. Full instructions included with each set.



- Midget Model**
- A16400—Set with single headphone and roll of ground wire. Size, 4 1/2 x 3 1/2 x 2 1/4". **YOUR PRICE..... \$131**
- D16401—Set only. **YOUR PRICE..... 88c**
- Junior Model**
- A16402—Set with single headphone with headband and roll of ground wire. Size, 5 3/4 x 4 1/4 x 2 3/4". Illustrated below. **YOUR PRICE..... \$198**
- D16403—Set Only. **YOUR PRICE..... \$1.47**

DeLuxe Model

- A16404 — Looks like a real AC radio. Has variable tuning condenser with tapped coil for adjustment of selectivity and sensitivity. Super sensitive crystal. Supplied with headphones and ground wire. Size, 6 1/2 x 5 1/4 x 3 3/4". Complete with headphone and roll of ground wire. **YOUR PRICE..... \$329**
- A16405—Set Only. **YOUR PRICE..... \$235**



Philmore Crystal Sets

"Little Wonder Set"

- D9006 **YOUR PRICE.... 59c**
- Compact in size but big in results. Receives broadcasts within 25 miles from station. Open type, super-sensitive crystal detector permits finest adjustments to be made. Slider is provided for station selection. Attractive bakelite case.



The "De Luxe"

- C9001— **YOUR PRICE..... \$195**
- Looks like a midget receiver. All one has to do is to hook up the aerial and the ground and headphones and tune in. Two pairs of headphones can be used. Housed in beautiful bakelite case. Crystal detector is set to most sensitive spot and permanently sealed. Tuning dial is operated by knob for station selection. Complete less headphones and aerial.



The "Supertone"

- C16407— **YOUR PRICE..... 69c**
- A well constructed crystal set. Gives loud and clear reception. Has glass enclosed fixed crystal detector. Bakelite case. Range about 25 miles.



Crystal Sets

- "Top Notch"**
- C9000— **YOUR PRICE 80c**
- A super sensitive crystal set. Crystal is mounted under dust proof glass cover. Brings in stations with full volume and clarity. Housed in black crystalline metal case. Complete but less headphones and aerial.



"Low-Loss"

- C9002—An inexpensive crystal set that will bring in many programs. Has adjustable slider for station selection. Simple to operate. Complete less headphones and aerial. **YOUR PRICE..... 59c**



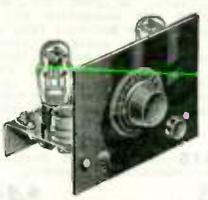
Philmore 1 and 2 Tube Radio Sets and Kits

Efficiently designed 1 and 2 tube radio sets and kits. Easy to wire. Large picture diagrams makes errors almost impossible. Uses plug-in coils to tune the broadcast and short-wave bands (13 to 550 meters) covering police calls, amateur bands, etc. Sets are complete including broadcast coil. Batteries, tubes, headphones, short-wave coils and aerial are not included.



- 1 Tube Battery Set**—Uses one type 30 tube, one 1 1/2 volt A battery and one 45 volt B battery. **C16410—Kit. YOUR PRICE..... \$118**
- C16411—Wired. YOUR PRICE..... \$165**
- 2 Tube Battery Set**—Uses two type 30 tubes, one 1 1/2 volt A battery and two 45 volt B batteries. **C16412—Kit. YOUR PRICE..... \$149**
- C16413—Wired. YOUR PRICE..... \$198**

- 2 Tube AC-DC Set**—Uses two type 76 tubes. Operates on 110 volts either AC or DC current. **C16414—Kit. Not wired. YOUR PRICE..... \$225**
- C16415—Wired. YOUR PRICE..... \$285**

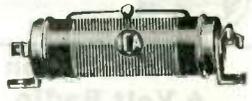


- 2 Tube AC-DC Kit**
- Uses two type 76 tubes and plug-in coils tuned by a variable condenser giving excellent selectivity and volume for headphone reception. For 110 volt AC or DC operation. **D16408—Kit. YOUR PRICE..... \$323**

- Set of 4 Short Wave Coils, 13 to 240 Meters. **C9675—For Battery Sets. C9676—For AC-DC Sets. YOUR PRICE, Per Set..... 72c**

"3 in 1" Radio Tuner

- D9005— **YOUR PRICE 27c**
- For installation in antenna circuit to serve as wave trap for elimination of undesirable signals, aerial eliminator or an antenna tuner to improve selectivity of set. Instructions included.



Mounted Detector Crystal

- C10556 — Sensitive mounted detector crystal. Fits all standard crystal holders. **YOUR PRICE..... 40c**

- Meter Tested Crystal**
- C9012—Genuine Galena. Tested on sensitive laboratory meters to provide highest efficiency. **YOUR PRICE..... 10c**

- Cat Whiskers**
- C9013—Spring wire silvered to give best results. Correct tension holds sensitive spot. Set of Three..... **8c**
- 10 Sets for 70c

- Crystal Detector Assembly**
- C9010—Universal joint swivel arm for quick adjustment. Includes crystal. **YOUR PRICE..... 12c**

- Enclosed Crystal Detector**
- C9011—Ideal for crystal reflex circuits. Dust proof glass enclosed assembly. Includes crystal. **YOUR PRICE..... 22c**

- Fixed Crystal Detector**
- C9003—Sensitive Galena Crystal with contact permanently set for maximum efficiency. Mounted in molded case. Screw terminals. **YOUR PRICE..... 43c**



BATTERY CHARGERS--POWER SUPPLIES

Gas Engine Driven AC-DC Generator



300 Watt Model

C16899—Delivers 110 Volts, 60 Cycle AC at 300 Watts or 6 Volts DC at 200 Watts. 1/2 HP Engine. 1 Gallon fuel tank in use for 12 to 16 hours operation. Size, 17"x16"x12" high. Wt., 103 lbs.
YOUR PRICE.....\$5788

450 Watt Model

C16888—Delivers 110 Volts, 60 Cycle AC at 450 Watts and 6 Volts DC at 200 Watts. Equipped with 1 HP engine. 3/4 gal. fuel tank at top for 5 to 6 hours operation. Size, 17"x15"x12" high. Wt., 90 lbs.
YOUR PRICE.....\$8873

C16887—Radio Noise Filter necessary when above generators are used with radio sets.
YOUR PRICE.....\$441

Equipped with AC voltmeter, push-button starting on control panel and rope-pull auxiliary starter. Hand starting not necessary when used with 6 volt battery. The 6 volt DC output can be used to keep starting battery fully charged. Governor assures constant frequency and uniform voltage output. Sturdily constructed.

A dependable, economical source of electric power for operating sound systems, radios, lights, etc. Especially adaptable for mobile use. Both AC and DC outputs can be used at one time, providing full capacity of either is not used. DC Output terminals on panel, AC available thru BX cable connection at side. 4 Cycle, single cylinder, air-cooled gasoline driven engine.

GTC Porta-Power Packs



For operating battery sets on 105-125 volt 50-60 cycle AC lines when testing, servicing, demonstrating, etc. Also used for converting battery sets for AC line operation. GTC Porta-Power Packs supply all voltages necessary. Ruggedly built and dependable in operation. Complete with line cord, and on-off switch. There's a model for every battery set.

For 2 Volt Battery Sets

D16912—Model L. Supplies "A", "B", and "C" Power for 4 to 8 tube battery sets designed for 2, 2.5 or 3 volt operation. Delivers 2 volts DC at 660 Ma. for tube filaments, "B" voltages of 67 1/2, 90, 112 1/2 and 135 volts and 1, 2 or 3 "C" voltages from 1 1/2 to 2 1/2 volts as desired. "B" section can be adapted to supply 45 volts also if needed. Power consumption less than 30 Watts. Has screw type terminal connections. Size: 6x3 1/2 x 17".
YOUR PRICE.....\$585

For 6 and 12 Volt Sets

D16911—Model P. Converts 6 and 12 Volt Battery Sets to all-electric operation. Providing two separate 6 volt DC 1 1/2 amp. power sources. Size: 3 1/2 x 6 x 12 1/2" high. Wt. 8 lbs.
YOUR PRICE.....\$820

For 1.5 Volt Battery Sets

D16913—Model U. Provides "A" 1.5 V. up to 250 M.A. "B" 90 to 101 V. for 1 1/2 V. 4 and 5 Tube battery sets. Plug-in sockets accommodate practically any type battery plug. Size 2x3 1/2 x 6". Light weight—fits in cabinet in place of "A" and "B" batteries. Operates in any position.
YOUR PRICE.....\$441

D16914—Model G. Same as Model U above except for larger 5 and 8 tube sets including consoles. Size: 3 1/2 x 6 x 12 1/2" high.
YOUR PRICE.....\$558

Stancor "A-B" Battery Power Packs

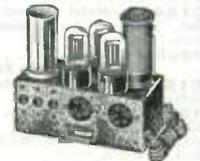
For 6 Volt DC Operation

D16919—Pt. 138. Permits 4, 5 or 6 tube sets using 1 1/2 "A" and "B" batteries to operate from a 6 volt "hot shot" storage battery or other DC source. Provides 1.4 volts at 300 Ma. and 90 volts at 18 Ma. Well filtered. Has plug-in connections for battery plugs and battery clips. Relay control in pack allows "on-off" operation from battery switch on radio. Black wrinkle finished metal case. Size 5x5x2 1/2". Ship. wt. 3 1/2 lbs.
YOUR PRICE.....\$735

D16920—Pt. 135. As above but supplies 2 volts DC at 480 Ma. and 67, 90, 112 or 135 volts at 20 Ma. Size 5 1/2 x 3 1/2".
YOUR PRICE.....\$820

For 110 Volt AC-DC Operation

D16921—Pt. 137. Permits 4, 5 or 6 tube sets using 1 1/2 "A" and "B" batteries to operate on 110 volt AC or DC lines. Supplies 1.4 volts DC at 300 Ma. and 90 volts at 18 Ma. Plug-in connections. Black wrinkle finished metal case. Size 6x3 1/2 x 1 1/2". Ship. wt. 2 lbs.
YOUR PRICE.....\$526



Homcharger Battery Chargers



Especially designed for keeping any 6 volt automotive and home radio storage batteries fully charged. Tapered charging rate decreases as battery becomes charged—no chance of overloading battery. Attractively designed—sturdily constructed. All types are non-radio interfering. For 105-120 volt, 50-60 cycle AC operation.

5-3 Ampere Booster

A16915—Includes auto steering post mounting connector and cables.

YOUR PRICE.....\$441

10 Ampere Charger

A16916—Heavy duty type charger. Supplies 10 amperes for fast charge. Complete with built-in ammeter, 10 ft. cable and auto dash mounting receptacle and plug.

YOUR PRICE.....\$1147



6 Ampere Charger

A16917—Vibrator type 6 volt storage battery charger. Self-polarizing; entirely automatic in operation. With cord, plug, car clamp and cables.

YOUR PRICE.....\$735



DC to 110 Volt AC Inverters

With Radio Interference Filter

Operates AC radios, sound systems, small appliances, etc. from DC voltage sources. Uses ten contact dual arm vibrator with 1/2" contact points assuring long life and reliable service. Includes voltage regulator, fuse protection and on-off switch. All deliver 110 volts, 60 cycle AC. Size 7 1/2 x 8 1/2 x 4 1/2". **C16863** Size, 7 1/2 x 8 1/2 x 6 1/2". Less interference filter. *For shavers, etc.



Stock Number	Input Volts	Output Watts Max.	Cost.	Your Price
C16860	6	100	75	\$14.08
C16861	12	125	150	14.08
C16862	110	250	150	20.58
C16863	110	325	225	20.58

Compact Low Power Inverters

Less interference filter. *For shavers, etc.

C16864	6	20	15	\$4.09
C16865	110	75	35	6.43

Globe—Union 6 Volt Radio Storage Batteries



Highest Quality materials and workmanship. Extra heavy thick plate construction. Designed especially for radio and P.A. service. Holds charge longer than other batteries of similar capacities. Equipped with handle. F.O.B. Shipping Point Near You. 18 Month guarantee.

100 Ampere Hours. **A18050—YOUR PRICE \$639**
150 Ampere Hours. **A18051—YOUR PRICE \$976**
180 Ampere Hours. **A18052—YOUR PRICE \$1249**

10 Ampere Bulb Type Battery Charger

Charges 1 or 2 Batteries

D16918—Complete.
YOUR PRICE \$1666

For 105-120 Volt, 50-60 Cycle AC Operation

A complete charger that can be taken right to the car and connected to the battery. Particularly made for the used car dealer, small or medium sized oil stations, radio stores, etc. Charges batteries at the more efficient 10 ampere rate in about 6 hours. Can be used for charging either 1 or 2 batteries at once at the 10 ampere rate. Uses a bulb type rectifier providing greatest economy, life and performance. Fully guaranteed against transformer burnouts and defective workmanship or materials. Insulation in this charger is fire-proof, moisture-proof and vermin-proof. Easily replaced, plug fuse. Sturdy steel case with carrying handle, size 5 1/2 x 6 x 8" high.

Battery Terminal Connectors



D11456—PRICE, Each **18¢**
TEN FOR \$1.69

Fasten to post of any auto storage battery to adapt it for use with radio set. Has binding screw for connecting lead wire.

Carter Genemotors



Heavy duty "B" power supplies for mobile, marine and aircraft radio, amplifiers and transmitters operating from 6 volt storage battery. Constructed for continuous operation. Sealed oil-less bearings. Brushes replaceable from outside of unit. Size, 2 1/2 x 1 1/2 x 6 1/2" long. Type 420A to 520A inclusive are 7 1/2" long.

Stock Num.	Mfg. Code	DC Output Volts	Ma.	Amp. Drain	Your Price
C16830	351A	350	100	10	\$17.64
C16831	355A	350	150	15	19.99
C16832	415A	400	150	20	23.52
C16833	420A	400	200	25	23.52
C16834	425A	400	225	30	24.11
C16835	450A	400	250	33	24.70
C16836	520A	500	200	33	26.46

Mallory Vibrapacks



6 V. D.C. Input Six volt DC, vibrator operated, power supply. Equipped with a dependable source of DC plate voltage for portable radio receivers, transmitters, P.A. amplifiers, etc. Equipped with built-in noise suppressors but do not include high voltage "B" supply filter.

C16837 — VP551. Delivers 125, 150, 175 or 200 DC Volts at 100 Ma. Uses synchronous vibrator.
YOUR PRICE.....\$882
C16838 — VP552. Delivers 225, 250, 275 or 300 DC Volts at 100 Ma. Uses synchronous vibrator.
YOUR PRICE.....\$1088
C16839 — VP553. Delivers 225, 250, 275 or 300 DC Volts at 100 Ma. Uses tube rectifier. Required only for applications where B— cannot be at ground potential.
YOUR PRICE.....\$1176

Hydrometer

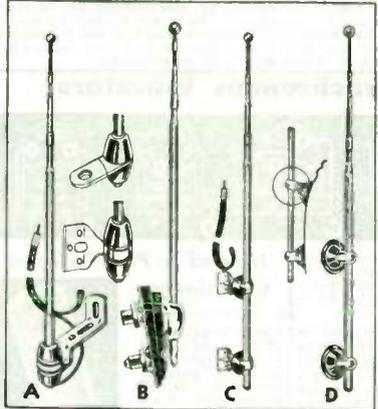
Provides accurate readings for all wet cell batteries. Large size, suitable for garage use. Octagon nozzle prevents instrument from rolling. Beaded float does not adhere to side of tube when testing. Length approx. 13".
N11281—YOUR PRICE.....28¢
N11282—Beaded hydrometer floats. Fit 3/4" tubes. Length 4 1/4".
YOUR PRICE.....10¢

NEWEST Auto Radio Aerials

Ward Auto Aerials

A Type for Every Installation
Guaranteed Rust and Rattleproof

Finest quality auto aerials. Designed for quick, easy installation on any automobile—from an old-time "jalopy" to the latest streamliner. Improved anti-rattle telescopic construction, adjustable to any height. Lower sections are made of seamless bronze tubing. Top telescopic rod is of electric bronze with anti-rattle ball tip. Split proof caps protect ends of tubes. Heavily chrome plated—guaranteed not to rust. 36° low-loss shielded loom lead-in cable included. Lead-in has universal set connector to fit radios with either standard bayonet sockets or Motorola type sockets.



Type A—Tri-Mount Aerial. All necessary installation brackets are included to accommodate five types of installations—Side Underhood, Alligator and Hinge.

Stock Num.	Model Num.	Num. Sers.	Adjust. to Hgt.	List Price	Your Price
D15932	T2-48	2	48"	\$1.95	\$1.15
D15933	T3-68	3	68"	2.90	1.70

Type B—Single Mount Flex-Angle Cowl. Single stanchion double bolt mounting. By means of an adjusting nut at base the antenna can be swung through a range of 16° so that it will stand vertically on any cowl design.

D15935	F3-68	3	68"	\$3.35	\$1.97
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Type C—Double stanchion Under-Hood Cowl.

D15964	U3-93	3	94"	\$3.65	\$2.15
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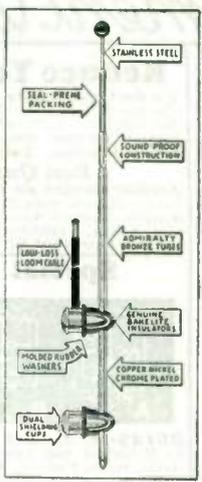
Type D—Side Cowl. Double stanchion type with low-loss glazed ceramic insulators. Necessary connector parts for Torpedo and Chrysler bodies are included.

D15916	5XXL	3	66"	\$2.95	\$1.72
D15917	8XL	3	94"	3.45	2.03
D15930	1511	4	100"	3.95	2.32

D15905—Single Aerial Display Rack. Attractive display to help you sell Ward aerials. Mounts any above aerial. With Order for Ward Aerials. **FREE**

DeLuxe Auto Radio Aerials for Cowl Mounting

Finest Quality at Substantial Savings



Only finest nationally advertised Auto Radio Aerials compare with the Radolek DeLuxe Auto Aerial line. Guaranteed Rust Proof—Guaranteed Rattle Proof. Require only two small holes to mount on side of car between door and hood. Holes are positively sealed against any possible water seepage. Bottom sections are of corrosion resisting admiralty Bronze with highly polished heavy chrome finish. Top section is rod of polished stainless steel which telescopes into bottom sections. Attractive red catalin ball on top section. Solid rigid installation quickly and easily made. Each Aerial comes equipped with 36° flexible low loss shielded loom cable lead-in. Have male bayonet type set connector except where otherwise specified.

D15980—3 Section Cowl Aerial. Extends to 66" closes to 27".
YOUR PRICE, Each in Lots of 6, **99¢**
In Single Lots, Each **\$1.15**

Additional Cowl Aerial Models

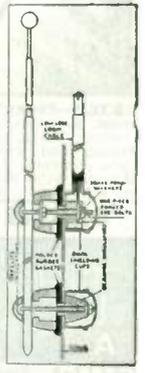
Stock Num.	Num. of Sections	Length Open	Length Closed	Price Each	In 10 Lots Each
D15906	Two	50"	24"	\$0.98	\$0.89
D15979*	Three	66"	27"	1.15	0.99
D15907	Four	66"	20"	1.45	1.28
D15908	Four	96"	29"	1.65	1.44
D15909	Four	117"	35"	1.96	1.84

*Has Motorola Type plug-in set connector.

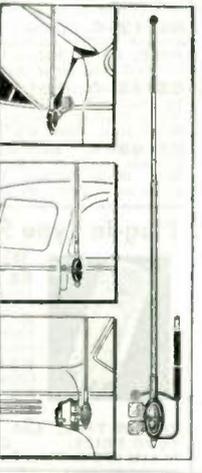
Auto Radio Booster



Improves radio reception. Quickly installed without tools in antenna lead-in circuit of radio. Has male and female bayonet end fittings. Completely shielded.
D15919—List Price, 75¢.
YOUR PRICE..... **39¢**



DeLuxe Concealed Hood Mounting Models



Designed especially for installation on late model cars will also make an excellent installation on older cars. All models incorporate the quality construction features of cowl models shown above. Guaranteed Rust Proof—Guaranteed Rattle Proof. Each aerial comes equipped with 36° flexible low loss shielded loom cable lead-in.

Universal Mounting Type

Three Section extends to 69" closes to 30". Illustrated at left. Comes complete with three mounting brackets. Bottom—For old style "Side lift hood" cars. Top—For new front lift "Alligator" hoods. Center—For hinge pin mounting. Illustrated left.
D15981—Has lead-in with male bayonet set connector.
D15989—Has lead-in with Motorola type set connector.

YOUR PRICE, Either Type
In Lots of Six, Each **\$1.15**
In Single Lots, Each **\$1.24**

Dual Mounting Type

Three Section extends to 66" closes to 27". Illustrated at right. Double stanchions are adjustable up to 20" apart allowing very rigid installation. Designed for use with cars having straight sided hoods. Illustrated right.

D15910—Has lead-in with male bayonet type set connector.
D15911—Has lead-in with Motorola type set connector.
YOUR PRICE, Either Type
In Lots of Six, Each **\$1.13**
In Single Lots, Each **\$1.25**

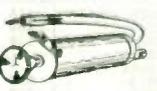
Ward Concealed Cowl Aerial



Compact—inconspicuous installation does not detract from the appearance of even the finest automobile. Easily and quickly installed in any car. Many 1940 cars already have knock-out in hood, eliminating drilling. Antenna when lowered is housed in an air tight moisture proof shielded casing. Aerial sections made of bronze. Guaranteed rustproof. Highly chrome plated. Equipped with 36° low capacity shielded loom lead-in.

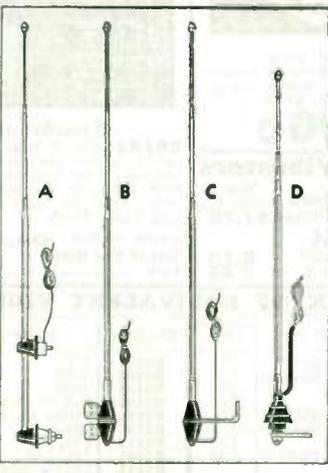
D15958—2 Section, extends 42".
List, \$3.75. **\$2.20**
YOUR PRICE
D15934—3 Section, extends 62".
List, \$4.25. **\$2.50**
YOUR PRICE

Variable Signal Booster



For use in antenna lead-in circuit of any car radio. Provides signal gain of from 5 to 12 db. Tuneable over entire broadcast range. Has male and female combination Motorola and bayonet end fittings. Mounts below car dash.
D15936—List Price, \$1.95.
YOUR PRICE..... **\$1.15**

Standard Quality Auto Radio Aerials



Good Quality Aerials with which you can meet and beat competition. Fully equal to many Aerials selling at much higher prices. Bottom sections are of Admiralty Bronze triple chrome plated. Top section is rod of polished stainless steel. Guaranteed Rust Proof. Insulators are of black glazed ceramic except hinge types which have black rubber insulator. All have 36° plain lead-ins.
D15922—Two Section Hinge Mtg. Extends to 47" closes to 26". Type D.
YOUR PRICE
In Lots of 6, Each..... **49¢**
In Single Lots, Each **55¢**

D15990—Two Section Heavy Duty Hinge Mtg. Extends to 50" closes to 28". Type D.
YOUR PRICE
In Lots of 6, Each..... **72¢**
In Single Lots, Each **79¢**

D15982—Three Section Cowl Mtg. Extends to 55" closes to 24". Type A.
D15983—Three Section Under Hood Mtg. Extends to 55" closes to 24". Type B.
D15984—Three Section for Alligator Hood Mtg. Extends to 55" closes to 24". Type C.
Any one of the above Three Aerials
YOUR PRICE
In Lots of Six, Each..... **72¢**
In Single Lots, Each **79¢**

Cowl Conversion Kit

Converts any side cowl aerial to fit cars with extremely sloped cowls. Consists of moulded rubber extension block with size 10/32, 2 3/4" long eye bolt.
D4018—List Price, 20¢.
YOUR PRICE..... **12¢**



KEYSTONE

Replacement Vibrators

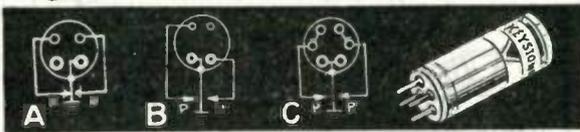
For 6 Volt
Auto and Home
RADIOS

4 Prong
**Universal
Replacement
Non-Synchronous Vibrator**
For Motorola-RCA-Zenith, Etc.

List Price, \$1.75.
Your Price Each **90c**
In Lots of 6 or More In Single Lots Each **92c**

B5384—Compact 4 prong non-synchronous vibrator. For replacement use in hundreds of radio receivers including: Admiral, Airlite, Arrin, Atwater-Kent, Continental, Crosley, Delco, Detroit, Emerson, Firestone, Ford, GE, Howard, Motorola, RCA, Silverstone, Wells-Gardner, Zenith and others. Size, 3 1/2" x 1 1/2".

Special Non-Synchronous Vibrators

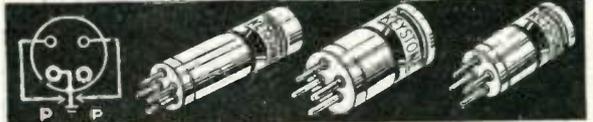


D5111-A. Standard 4 prong plug-in vibrator. Used in certain models of Stewart Warner, Zenith, etc. Size, 3 1/2" x 1 1/2".

D5186-B. Special 4 prong plug-in vibrator. Fits standard 6 prong socket. Size, 3 1/2" x 1 1/2". Used in Delco R640 List Each, \$2.95.

ANY TYPE, YOUR PRICE, Each, **92c**.
In Lots of 6 or More, Each, **90c**

Exact Duplicate Replacements for Philco



D5100—Replaces Philco part 38-5036 and 41-3186. Size, 4 1/2" x 1 1/2". Used in all sets up to 1936. 816, 816B-C-F, PT4X, T2, T3, T5, T6, NT15, ST15, PHXD. List, \$3.00.

D5101—Replaces Philco part 41-3170. Size, 3 1/2" x 1 1/2". Used in Models 817, 818, 819, 826, 827, 828, and many other 1936, '37, '38 Models. List, \$2.50.

ANY TYPE, YOUR PRICE, Each, **92c**.
In Lots of 6 or More, Each, **90c**

Exact Replacements for Motorola



D5102—Replaces Motorola vibrator part numbers 2404, 3333, 3340, 3552 and 38X3333 as used in Models 34, 35, 45, 50, 60, 65, 70, 80, 90 etc. Size 1 1/2" dia. x 3 1/4". List, \$2.50.

D5147—Replaces Motorola vibrator part number 1062 in Models D6 and T8. Size 2x4 1/2". List, \$3.95.

YOUR PRICE, Each, Either Type, **92c**.
In 6 Lots or More, Each, **90c**

Popular Genuine Replacement Vibrators

Philco Your Price, Ea. **Motorola** Your Price, Ea.

D5385 Philco Replaces #38-5036 and #41-3186 **\$1.76** **D5399** Motorola #333 **\$1.76**

D5387 Philco #41-3398 **\$1.47** **RCA**

D5388 Philco #41-3170 **\$1.47** **D5392** RCA #12236 **2.40**

D5388 Philco #83-0017 **\$1.47** **D5390** RCA #7804 **3.23**

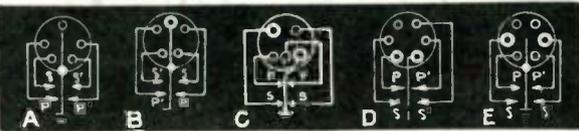
Reduce Your Stock! Save Money!

You don't have to carry a big stock on hand when you standardize on Keystones. The few Keystones on this page will take care of 98% of your vibrator needs. The other 2% we'll supply on special order at equally attractive prices. For Greatest Customer Satisfaction always replace the Buffer Condensers when replacing Vibrators. Longer life and more efficient performance will result.

Best Quality! Guaranteed for 1 Year!

Keystone vibrators are finest quality throughout, yet exceptionally low in price. They will work perfectly on any 6 volt receiver. Made for Radolco by one of America's largest vibrator manufacturers. Constructed and tested to conform with R.M.A. Standards, they will give quiet operation and long satisfactory service. Guaranteed for one year against defects in workmanship.

Special Synchronous Vibrators



B5149-A. Standard 5 prong used in Household and Auto Sets such as Arrin, Delco, Emerson, Sentinel, Firestone, RCA & Stew.-Warn. Size, 3 1/2" x 1 1/2".

B5148-B. Special 5 prong used in Household sets of Admiral, Continental, Simplex and private brand radios made by them. Size, 3 1/2" x 1 1/2".

B5112-C. Special 5 prong vibrator without buffer condensers. Used in B.O.P. United Motors Models 980534-35-66-67 and other sets.

B5146-D. Standard 6 prong used in Crosley, G.E., Silverstone, Traveler, Wells Gardner, Zenith and Silverstone Home sets. Size, 3 1/2" x 1 1/2".

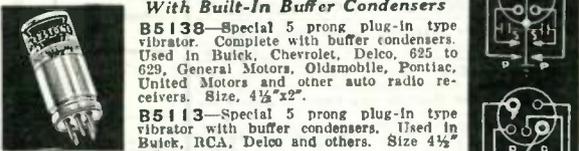
B5196-E. Reversible 6 prong vibrator used in G.E., Mont. Ward, RCA, Wells Gardner, United Motors, Delco and others. Size, 3 1/2" x 1 1/2".

Housed In Plug-In Type Containers

Finest quality synchronous plug-in type vibrators. Built to exacting standards. Will mechanically and electrically replace many of the synchronous types in present day use.

ANY TYPE, List, \$4.95.
YOUR PRICE, Each, **\$1.95**
In Lots of 6 or More, Each, **\$1.75**

Plug-In Type Synchronous Vibrators



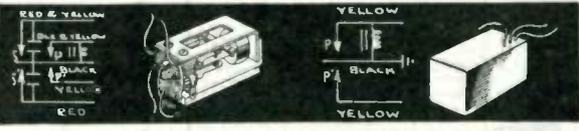
With Built-In Buffer Condensers

B5138—Special 5 prong plug-in type vibrator. Complete with buffer condensers. Used in Buick, Chevrolet, Delco, 625 to 629, General Motors, Oldsmobile, Pontiac, United Motors and other auto radio receivers. Size, 4 1/2" x 2".

B5113—Special 5 prong plug-in type vibrator with buffer condensers. Used in Buick, RCA, Delco and others. Size 4 1/2" x 2".

EITHER TYPE, List, \$5.50.
YOUR PRICE, EACH, **\$2.20** **\$1.95**
In Lots of 6 or More, Each, **\$1.95**

Wire Lead Type Vibrators



Synchronous **B5134**—Has 5 leads and self-contained buffer condensers. Used as replacement for Spartan, Westinghouse, United Motors, and Delco Auto Radios. Size, 2 1/2" x 1 1/2" x 1 1/2". List Price, \$5.50.

YOUR PRICE, Each, **\$2.20**

Lots of 6 or More, Each, **\$1.95**

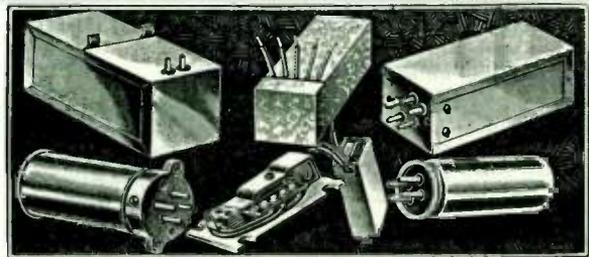
Non-Synchronous **B5105**—Has 3 leads. Used in Delco 2035, 4036 etc., Montgomery Ward, Wells Gardner, United Motors, 980385, 980393 and 384111, Stewart Warner and many others. Size, 2 1/2" x 1 1/2" sq. Can be used in your old container. List Price, \$3.45.

YOUR PRICE, Each, **\$1.25**

Lots of 6 or More, Each, **\$1.10**

CROSS INDEX OF EQUIVALENT VIBRATORS

Synchronous					Non-Synchronous						
Keystone	Mallory	Radiart	Utah	Delco—U.M.S.	Meis. & Elec.	Keystone	Mallory	Radiart	Utah	Delco—U.M.S.	Meis. & Elec.
B5149	245, 281, 285	5413, 5409	SP5	5051125, 5053185	715	B5384	4-4	SU1	Acc	5052378, 5040000	454
B5138	273C	4613, 3481	SP51	5039681, 5038055	704	B5100	507P	NP45	NP483	5042240	P450
B5146	246, 46	4416, 5411	SP66	5052525	712	B5101	505P	5320	NP49	5042703	P454
B5148	245C, 45C	5410, 3679	SP55	5053181	714	B5102	294, 94, 508P	5300, 5325P	NP42	5052378	
B5113	273D	4611	SP52	5041376, 5043853	718	B5114	Philco Pt. 83-0017	For 1939	Philco	Auto Sets	
B5196	248, 286S, 287M	5400, 3883	SP62	5053501, 5052869	723, 728	B5186	294C	5303	NP45	5050673	435
B5112	514, 715, 515	5426	SP94	5050498	726	B5119	296, 96	3283, 5312	NP6	5052374	452
B5134	222, 223	3315, 3308	SL5	5036120, 1208152	700	B5105	221, 292	3313, 2867	NL3	1207758, 5053699	400
						B5111	294SW 854	5331	NP43		440
						B5147	253	3417	NP89		438



Most Complete Vibrator Selection

Mallory, Utah and Radiart Vibrators have achieved an enviable record of excellent performance. Due to the varied preference among the many radio servicemen and dealers, it is necessary for us to list these three most popular makes. Select the proper replacement vibrator from your copy of the manufacturers vibrator guide or specify on your order the radio make, model and any other necessary information, and we will ship you the proper vibrator for your requirements. An exact duplicate replacement is supplied for practically every installation. Long trouble free operation is assured. Vibrators are guaranteed for one year.

Synchronous Vibrators

5 Prong—Plug-in 6 Volt Synchronous

Mallory		Radiart		Utah		Either Type			
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
C5011	210	C5312	3318			2	\$7.50	\$4.41	\$3.97
C5028	230					11	7.50	4.41	3.97
C5084	245	C5287	5409	C5340	SP5	14	4.95	2.91	2.62
C5014	245C	C5295	5413	C5341	SP56	14	4.95	2.91	2.62
C5034	245C	C5276	5410	C5342	SP55	15	4.95	2.91	2.62
C5046	270B					24	5.95	3.50	3.15
C5047	271	C5208	3283			25	5.95	3.50	3.15
C5050	273C	C5282	4613	C5343	SP51	26	5.90	3.23	2.91
C5051	273D	C5268	4611	C5344	SP52	27	6.50	3.23	2.91
C5052	514	C5240	5426	C5345	SP54	43	4.95	2.91	2.62
C5030	716					43	4.95	2.91	2.62

6 Prong—Plug-in 6 Volt Synchronous

Mallory		Radiart		Utah		Either Type			
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
C5025	224					8	7.00	4.12	3.70
C5035	246	C5277	5411	C5346	SP66	16	4.95	2.91	2.62
C5036	247	C5245	3780	C5347	SP6	17	4.95	2.91	2.62
C5038	248	C5274	5400	C5348	SP62	19	4.95	2.91	2.62
C5036	275 XS	C5326	4608	C5349	SP68	28	7.60	4.41	3.97
C5054	277B					29	5.95	3.50	3.15
C5058	285 XS			C5350	SP67	31	7.00	4.12	3.70
C5097	286BY					30	4.95	2.91	2.62
C5059	286B					32	5.50	3.23	2.94
C5000	722A	C5329	5434	C5351	SP64	44	4.95	2.91	2.62
C5006	728A					45	4.95	2.91	2.62
C5056	951P					16	5.25	3.09	2.77
C5061	954	C5241	5404			51	4.95	2.91	2.62

7 Prong—Plug-in 6 Volt Synchronous

Mallory		Radiart		Utah		Either Type			
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
C5039	249	C5275	5406	C5352	SP71	20	4.95	2.91	2.62
C5063	280Y	C5319	4414	C5353	SP72	20	4.95	2.91	2.62
C5021	725					20	5.50	3.23	2.91

Miscellaneous Synchronous—Plug-in

Mallory		Radiart		Utah		Either Type					
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Volt	No. of Prgs.	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
5099	W245	C5287	5409	C5354	48P5	4	5	14	\$4.95	\$2.91	\$2.62
5005	W245A	C5242	5415	C5355	48P56	4	0	18	4.95	2.91	2.62
5001	W246	C5318	5427	C5356	48P68	4	0	18	4.95	2.91	2.62
5007	F247	C5268	4404	C5357	32SP6	32	6	18	5.50	3.23	2.91
5001	G286B					12	6	32	7.50	4.41	3.97
5081	G725					12	7	20	6.50	3.82	3.44

Uncased Synchronous

Mallory		Radiart		Utah		Either Type					
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Volt	No. of Prgs.	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
5022	222	C5216	3315	C5358	9L5	6	6	5.50	3.23	2.91	
5023	223					6	7	5.95	3.50	3.15	
5024	F223					32	6	7.50	4.41	3.97	
5029	231	C5223	4607			6	12	7.25	4.26	3.83	
5031	235					6	12	5.95	3.50	3.15	

COMPLETE VIBRATOR GUIDES

Mallory Radiart Utah
C12534 C12536 C12535

The increased listings of the vibrator replacements prohibits incorporating a complete guide in our catalog. However, complete vibrator replacement guides will be sent FREE on request. Write, or specify on your next order. **FREE** Order by above stock number.



Radiart Vibrator Manual

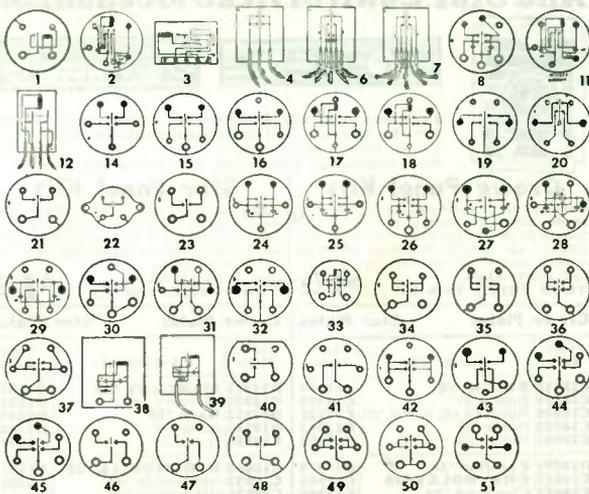
and Auto Radio Guide
C12537—Contains data on vibrators, vibrator "B" power supplies, auto aeriels, and other useful information. Pocket size, 4 1/2" x 7". 128 pages. **YOUR PRICE**..... **25c**
With Order of Six or More Radiart Vibrators..... **FREE**



PLEASE NOTE the extra 10% discount quoted on purchases of 6 or more vibrators. Vibrators may be assorted to obtain this saving.

Vibrator Circuit Diagrams

Illustrations below are given for your convenience in selecting a vibrator for automobile radios of unknown make or model.



Non-Synchronous Vibrators

4 Prong—Plug-in 6 Volt Non-Synchronous

Mallory		Radiart		Utah		Either Type			
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
C5010	205	C5313	3443			1	\$6.50	\$3.82	\$3.44
C5041	253	C5226	3417	C5359	NP482	21	3.95	2.32	2.09
C5042	253T			C5360	NP44	22	3.95	2.32	2.09
C5078	503Y	C5273	5321	C5361	NP42	23	2.95	1.73	1.56
C5066	294	C5270	5300			34	2.95	1.73	1.56
C5091	294C	C5292	5303	C5362	NP480	35	2.05	1.73	1.56
C5068	294SW	C5279	5331	C5364	NP43	36	2.05	1.73	1.56
C5077	500P	C5221	3320	C5365	NP41	34	2.50	1.47	1.32
C5078	501P			C5366	NP44	34	2.50	1.47	1.32
C5004	505P	C5320	5320	C5367	NP40	34	2.50	1.47	1.32
C5015	507P	C5293	5323	C5368	NP483	34	2.50	1.47	1.32
C5016	508P	C5233	5326P	C5369	NP484	46	2.50	1.47	1.32
C5017	510P					23	3.60	1.76	1.59
C5018	825					34	2.50	1.47	1.32
C5033	851					47	2.95	1.73	1.56
C5045	860	C5235	5333			47	2.95	1.73	1.56
C5049	901M	C5236	5341M			34	2.50	1.47	1.32
C5052	902M	C5238	5340M			46	2.50	1.47	1.32
C5053	903M	C5239	5342M	C5370	NP485	34	2.50	1.47	1.32

6 Prong—Plug-in 6 Volt Non-Synchronous

Mallory		Radiart		Utah		Either Type			
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
C5069	296	C5207	3263	C5371	NP6	37	2.95	1.73	1.56
C5070	297			C5372	NP61	49	3.95	2.32	2.09
C5009	299	C5258	4320			50	3.95	2.32	2.09
C5003	506P	C5327	5324	C5363	NP64	42	3.95	2.32	2.09

Miscellaneous Non-Synchronous Plug-in

Mallory		Radiart		Utah		Either Type					
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Volt	No. of Prgs.	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
C5008	F204					32	4	1	\$6.75	\$3.97	\$3.58
C5013	F211					32	5	2	7.50	4.41	3.97
C5040	F251	C5224	3395			32	4	21	4.45	2.62	2.35
C5067	F294	C5224	3395			32	4	34	4.45	2.62	2.35
C5071	F297	C5255	4314			32	6	37	4.95	2.91	2.62
C5078	F502P	C5257	4319			32	4	40	6.95	3.50	3.15
C5032	F826					32	4	23	4.75	2.79	2.51
C5072	302S			Square Box Type		6	2	38	6.50	3.82	3.44
C5076	F312			Square Box Type		32	2	38	7.50	4.41	3.97

Uncased Non-Synchronous

Mallory		Radiart		Utah		Either Type					
Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Stock Num.	Mfg. Code	Volt	No. of Prgs.	Wlr. Dia.	List Price	Your Price	Lots of 6 Each
C5018	220B	C5227	3442	C5373	NL3M	6	3	3.95	2.32	2.09	
C5019	F220C	C5231	3460			32	3	5.00	2.94	2.65	
C5020	221	C5243	3313			6	4	3.95	2.32	2.09	
C5064	292	C5201	2867	C5374	NL3	6	4	3.45	2.03	1.82	

Special Value Universal Vibrators

Standard 4 Prong Non-Synchronous Type

Popular vibrators priced to meet competition. Quality construction. Compact universal size permits this vibrator to be used in hundreds of receiver models including: Airline, Arvin, A.K., Crosley, Delco, Emerson, Fairbanks-Morse, G.E., Motorola, Philco, RCA, Radolek, Sentinal, Silvertone, Steward-Warner, Trax-Ler, Well-Gardner, Zenith and many others. Fits standard 4 prong socket and measures only 1 1/2 x 3/4".

C5098—Mallory "4-4" Vibrator
C5375—Utah "ACE" Vibrator
C5244—Radiart "SUPERIOR" Vibrator
List Price, \$1.75.
In Lots of 6 or More, Each..... **93c**
In Single Lots, YOUR Price, Each..... **\$1.03**



CROWE Auto Radio Remote Controls STAR

Panel Kits for Use with Crowe And Star Control Head Mechanism



Provides custom instrument panel installation for the majority of auto radio sets in most cars. Each kit contains correct type of escutcheon, dial assembly, mounting hardware and knobs.

Crowe Panel Kits

Supplied with porthole, slide-rule and round dials (according to car) calibrated 55 to 150 for clockwise shaft rotation. (If 150-55, 0-100 or 100-0 is wanted, please specify on order.) List Price, \$3.00. YOUR PRICE, Each Kit... **\$1.76**

Star Panel Kits

Available only with round dials calibrated 55 to 150 which is adapted to fit all automobiles '39. Can be used for either clockwise or counter-clockwise condenser shaft rotation. List Price, \$2.25. YOUR PRICE, Each Kit... **\$1.32**

Crowe Plates Star Plates

Stock Num.	Automobile	Stock Num.	Automobile
C10810	BUICK '40	C13964	
C10888	Buick '39	C13900	
C10866	Buick 40, 60, 80, 90, '38	C13901	
C10800	Buick '37	C13902	
C10802	Buick '36	C13904	

Stock Num.	Automobile	Stock Num.	Automobile
D10896	Cadillac '40	D13976	
C10817	CHEVROLET '40	C13965	
C10889	Chevrolet '39	C13906	
C10868	Chevrolet '38	C13907	

Stock Num.	Automobile	Stock Num.	Automobile
C10804	Chevrolet '37	C13908	
C10805	Chevrolet '36	C13909	
C10806	Chevrolet '35	C13909	

Stock Num.	Automobile	Stock Num.	Automobile
C10819	CHRYSLER '40	C13911	
C10883	Chrys. All '38	C13910	
C10808	Chrys. Imperial '37	C13911	
C10808	Chrys. Royal '37	C13913	

Stock Num.	Automobile	Stock Num.	Automobile
C10825	DESOTO '40	C13967	
C10890	DeSoto '39	C13914	
C10882	DeSoto '38	C13915	
C10815	DeSoto '37	C13916	
C10826	DODGE '40	C13968	
C10891	Dodge '39	C13917	
C10869	Dodge '38	C13918	
C10820	Dodge '37	C13919	

Stock Num.	Automobile	Stock Num.	Automobile
C10827	FORD '40	C13969	
C10892	Ford '39	C13922	
C10871	Ford '38	C13923	
C10824	Ford '35	C13924	
C10824	Ford Deluxe early '36	C13925	

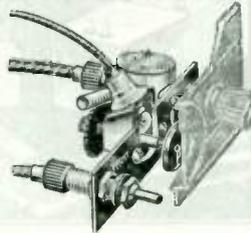
Stock Num.	Automobile	Stock Num.	Automobile
C10824	Ford Std. early '36	C13926	
C10828	Ford Std. late '36	C13927	
C10837	Ford DeLuxe '37	C13928	
C10831	Ford Standard '37	C13930	
C10832	Ford '34	C13931	

Stock Num.	Automobile	Stock Num.	Automobile
C10873	HUDSON '40	C13970	
C10837	LaFayette '37	C13932	
C10837	LaFayette '36	C13933	
D10807	LaSalle '40	D13977	
C10870	Lincoln Zephyr '37	C13935	
C10823	Lincoln Zephyr '38	C13936	

Above listing contains only popular types. We can supply plates for most cars.

Star Control Head Mechanism

One Star control mechanism with other supplementary units listed below and a panel kit listed at left fits all cars and all radios. Adjustable to fit all types of installations. No drilling or filing necessary. Supplied with interchangeable gears to provide ratios of 6, 8, 10, 12 and 16 to 1, either clockwise or counter-clockwise. A pair of end fittings, housing adapters, pilot light socket with bulb and lead, and mounting hardware are also furnished. No plate kit included. Less switch and tone control.



C14010—Code 3801. List, \$3.50. YOUR PRICE, **\$2.06**

Tone Controls



Tone and volume control combination with wing knob. Displaces volume control unit on above control head mechanism.

Less Switch
C14011 Code T-1, 3 Tap Type Control.
C14012 Code T-2. Continuously variable 100,000 ohm control. **\$1.18**

PRICE, Each, **\$1.18**

With Switch

With on-off switch, fuse retainer, pilot light socket, bulb and leads.
C14013—Code ST-1. 3 Tap Type.
C14014—Code ST-2. Continuously variable, 100,000 ohms. **\$1.76**

YOUR PRICE, Each, **\$1.76**

Molded Knobs



Tapered design $\frac{3}{4}$ " long, $\frac{3}{8}$ " dia. For $\frac{1}{8}$ " and $\frac{1}{4}$ " shafts. **9¢**

PRICE EACH **9¢**

For $\frac{1}{8}$ " Shafts For $\frac{1}{4}$ " Shafts

Stock Number	Color	Stock Number	Color
C14000	Black	C14005	Black
C14001	Brown	C14006	Brown
C14002	White Tenite	C14007	White Tenite
C14003	Pearl Gray	C14008	Pearl Gray
C14004	Chrome	C14009	Chrome

Ready Made Cables

Consists of a pair of flexible shafts and housings with fittings to exactly fit either Crowe or Star control head mechanisms. Other end exactly fits radios specified, 23" Long.
C14030—For Arvin 1930, '38, '37
C14031—For Delco 1939, '38, '37
C14032—For Philco 1937, '36, '35
List Price, \$1.75. **\$1.03**

YOUR PRICE, Either set **\$1.03**

Single Cable with End Fittings

C14033—For Philco 926, 927, 928K
C14034—For Philco 936, 937, 937K, 938K and 938KX. List, 85¢. **50¢**

YOUR PRICE, Each, **50¢**

Attachable Switches

Mounts in place of plate on tuning unit of above mechanism.
C14015—Code S-1, SPST Switch with fuse retainer, pilot light socket with bulb and leads. For power on-off use. List, \$1.00. **59¢**

YOUR PRICE, **59¢**

C14016—Code S-2, SPST Switch

only for sensitivity (local-distance) use. No leads included. **29¢**

YOUR PRICE, **29¢**

Chevrolet Panel Plates

For 1939

C13963

YOUR PRICE **\$2.06**



For 1940

D13984— **\$1.76**

YOUR PRICE, **\$1.76**

Only this plate is necessary to re-install any '36, 1937, or 1938 Delco UMS or Chevrolet custom built radio into the 1939 Chevrolet car. Sturdily constructed and finished to match car dash. Easy to install.

Star Conversion Kits

For Delco and Philco Sets

C14017—Converts any 1939, '38, '37, '36 or '35 Delco Auto Radio for use with any Star Panel Kit listed at left. Consists of 12 to 1 ratio tuning control unit, combination volume control unit with on-off switch and tone control, all necessary plugs, flexible shafts and hardware for easy installation. **\$4.14**

YOUR PRICE, **\$4.14**

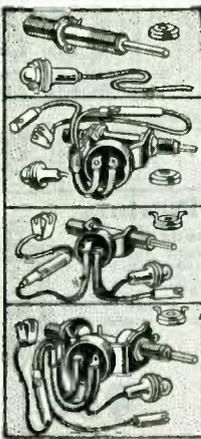
C14018—For Philco 1938-1939

Auto Radios. Includes complete control head mechanism with flexible shaft, fittings, etc. for use with any Star Panel Kit listed at left. **\$4.17**

YOUR PRICE, **\$4.17**

Crowe Control Head Mechanism

Volume and Tone Control Units



C10762—Code 700-V1. Volume control only. No switch. No built-in tone control. List, 75¢. **44¢**

YOUR PRICE **44¢**

C10763—Code 700-V2. Volume control with switch operated by volume control knob. List, \$1.85. **\$1.09**

YOUR PRICE **\$1.09**

C10764—Code 700-V3. Volume control with independent switch operated by wing knob. **\$1.26**

YOUR PRICE **\$1.26**

C10765—Code 700-V6. Volume control with switch and built-in continuously variable tone control unit. (Switch is operated by volume knob, tone by wing knob). List, \$2.80. **\$1.65**

YOUR PRICE **\$1.65**

For use in conjunction with tuning control units listed at right. Fits flexible shafts with tongue type end fittings. (Type 2 on Page 156.) Select the proper unit in accordance with the requirements of the radio you are installing. All units include pilot light bulb with bracket and 24" lead. Switch type units include fuse, fuse holder and connection wire. Built-in tone controls, are of the continuously variable type and mounted in unit.

C10769—Code 700-V81. For Philco models 926, 927, 928K, 936U, 937, 937K, 938K and 938KX. Special volume control unit connected to radio by electrical leads not by flexible shaft. Includes volume control on-off switch, fuse retainer with fuse, light socket with bulb and all leads. **\$2.65**

YOUR PRICE **\$2.65**

C10770—Code 700-V65. For Delco '37 and '38 models including R-676 ('39). Similar to code 700-V6 except also includes shielded tone control lead with pin plug. **\$2.09**

YOUR PRICE **\$2.09**

Plug Button Assortment

D10899—Code S-17579. Chrome plated snap-on buttons designed to conceal holes in panels, automobiles, etc. Contains 40 pieces, 10 each of sizes to fit $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " and $\frac{5}{16}$ " dia. **73¢**

YOUR PRICE, Per Set of 40 **73¢**

Tuning Control Units



For use with volume control units. Switches operated by secondary wing knob are for sensitivity and tone control purposes only. (Power supply switch should be controlled by volume control unit.) To determine gear ratio of any condenser first open condenser and then count turns of flexible shaft required to close condenser. Multiply this figure by two.

Less Switch

List, \$1.75. **\$1.03**

PRICE, Each, **\$1.03**

With Switch

List, \$2.35. **\$1.38**

PRICE, Each, **\$1.38**

Gear Ratio	No Switch Stock Number	Code Number	With Switch Stock Number	Code Number
8 to 1	C10750	706-T1	C10759	712-T2
8 to 1	C10751	708-T1	C10760	716-T2
10 to 1	C10752	710-T1	C10761	720-T2
12 to 1	C10753	712-T1		
16 to 1	C10754	716-T1		
20 to 1	C10755	720-T1		

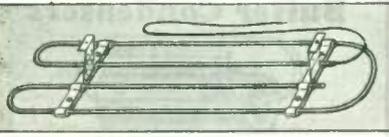
Auto Aerials and Accessories

RUNNING BOARD AERIAL

Completely Sealed In Rubber

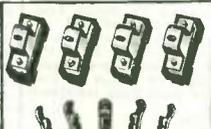
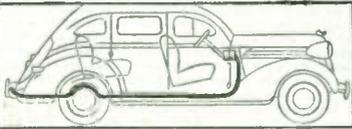
Quick, Easy Installation

DI 5904—
YOUR PRICE EACH... **85c**
In Lots of Ten
In Single Lots, Each ... **93c**



Mounts under running board, using bolts or holes which are already in the running board supports. No drilling necessary. Brackets are adjustable along entire length of aerial. Aerial consists of continuous 15 ft. length of steel rod fully sealed in rubber covering which provides protection against all weather conditions. Moisture, ice or mud does not affect aerial nor interfere with radio reception. Will not rattle. Size: 46" long. Includes 36" lead-in wire.

Use the BUMPER for the AERIAL

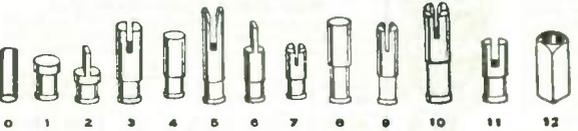


Does Not Weaken Bumper

AI 5948—Complete set of fittings including—four rubber insulated brackets, 5 foot insulated shield cable for front, 10 foot regular cable for rear and 5 mounting clips. Full instructions for easy installation included. List Price, \$4.50.

YOUR PRICE, **\$2.65** Easy to Install
A practical satisfactory answer to the antenna question. By insulating the rear bumper it will provide maximum pick-up with elimination of projecting poles, rods, etc. Reduces fading. Less static. Shielded lead-in and distance of bumper from ignition system insures least electrical interference. Fits all cars and all bumpers. Easily and quickly installed.

Auto Radio Cable Fittings



A type for every cable now in use. Match old fitting with illustration and order by stock number. Highest quality. Made of brass. Exact duplicates of fittings used on the majority of auto radio cables.

Stock Num.	Type	Your Price	Stock Num.	Type	Your Price	Stock Num.	Type	Your Price
D10710	0	3 1/2c	D10718	8	5c	D10716	6	6c
D10711	1		D10719	9				
D10712	2		D10720	10				
D10713	3	5c	D10715	5	D10704	12		
D10714	4							

Cable Service Machine



A labor saving cable end fitting tool that removes old fittings from cable and housing without destroying them, swages cable to prevent unraveling and clamps fittings on cable and housing. For use with either 130° or 150° cables. Can be used in ordinary vise or with base. Easy to use. Made of hardened tool steel. 6 3/4" High overall with base.

C10727—For use in vise. No base included. YOUR PRICE... **\$7.35**

C10728—Heavy Base for above tool. Can be permanently mounted to work bench. Bolts included. YOUR PRICE... **\$2.94**

Cable Housing Ends



For securing cable housing to remote control head mechanisms or radio receiver. A and B are for use with C and fit 3/8" cable. Housing listed below. C has inside thread diameter of 3/8". D and E are for new 3/8" cable housings used on the majority of 1937 radios. D has inside diameter of 3/8" and fits Crowe and Star dial mechanisms. Made of rust proof material.

C10730—Type A } Each **3 1/2c**
C10708—Type E } Price
C10731—Type C } Price
C10707—Type D } Each **4c**

C10729—Type A Each **5 1/2c**

Housing Adapter
C10725—Holds 3/8" and 1/2" auto radio cable housing to control mechanisms. Fits Crowe, Star, etc.
Your Price, Each... **24c**

Cable Only

Highest quality flexible shaft. Properly swaged at ends to prevent unraveling. No fittings are included.

Length Inches	Stock Number	List Price	Your Price
18	K10736	40c	24c
24	K10737	50c	29c
30	K10738	60c	36c
36	K10739	75c	42c

Casing Only

Parkerized rust proof finish. Casings easily cut to size required. 1/4" Dia.

Length Inches	Stock Number	List Price	Your Price
18	K10744	30c	13c
24	K10745	35c	21c
30	K10746	45c	26c
36	K10747	55c	31c

Low Loss Auto Antenna Lead-in Cable



Specially designed low-loss lead-in cables for use on practically every auto radio and aerial. Antenna lead is protected by a shielded iron covering with process braid heavily lacquered. One end has a bayonet male connector for plugging into auto radio.

Stock Num.	Length	Type Terminal for Antenna	Your Price
B4741	2 ft.	Female	26c
B4742	2 ft.	Male	26c
B4740	2 ft.	Eyelet	26c
B4743	4 ft.	with	38c
B4744	6 ft.	Ground	49c
B4745	8 ft.	Connection	72c

For Motorola Sets
C4747—36 Inch Lead-in. Set end has small pin type plug to fit Motorola Radios. Antenna end has eyelet with ground connection.
YOUR PRICE, Each... **38c**

Midget Shielded Auto Radio Connectors



Positive contact, small size. Single terminal with shield. Will stand severe vibration. Cadmium plated.
C12021—Plug... **6c**
YOUR PRICE...
C12022—Line Jack... **15c**
YOUR PRICE...
C12023—Chassis Jack for above plug (not shown)... **9c**
YOUR PRICE...

Plugs and Jacks



Motorola Type
D12024—Plug Each **6c**
D12025—Jack Ten for **54c**
Each **12c** Ten for **\$1.10**
Buick Type
D12026—Plug } Each **12c**
D12027—Socket } Ten for **\$1.10**

Cable Adapters



Allows the plugging in of cables, ending in male bayonet type connectors, into antenna input sockets of Motorola and Buick auto sets. Every auto radio service shop should keep a supply on hand at all times.

D4014—Connects between Bayonet type male output and Motorola input Jack.
D4015—Connects from Bayonet male output plug to Buick input.

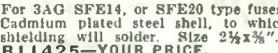
YOUR PRICE, Ea., **15c**
Either Type... Ten for **\$1.35**

Antenna Coupler



Two piece metal container. Has bayonet lock ends. Powerful spring contact insures perfect electrical connection for conductor inside shield.
B11426—YOUR PRICE, Each **4c** Ten for **25c**

Fuse Retainer



For 3AG SFE14, or SFE20 type fuses. Cadmium plated steel shell, to which shielding will solder. Size 2 1/2 x 7/8".
B11425—YOUR PRICE, Each **4c** Ten for **35c**

C11419—Jumbo Fuse Holder, 2 1/2 x 7/8". Used in Delco, Philco, Motorola and others. For 3AG, SFE14, SFE20, or SFE30 type fuses.
YOUR PRICE, EACH **10c**
10 for **89c**

Type 3AG Fuses



BEST QUALITY
For Automotive and Radio use. Packed 5 fuses in a handy metal box. Boxes may be assorted to obtain quantity price.

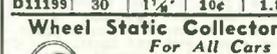
Type 3AG. Size, 1/4 x 1 1/4" Long

Stock Number	Amps	Box of 5	20 Boxes For
B11103	20	5c	95c
B11102	15		
B11101	3	11c	\$1.95
B11100	2		

SFE Type 1/4" Dia.

Stock Num.	Amps	Lgth.	Box of 5	Per 100
D11104	14	1 1/4"	7c	\$1.25
D11103	20	1 1/4"	5c	.95
D11199	30	1 1/2"	1c	1.85

Wheel Static Collector For All Cars



B3950—Your Price, Ea.,... **5c**
Eliminates radiation of static created by the front wheels of automobiles. Simply installed in the hub cap.

Auto Antenna Replacement Parts Fit ICA and Other Aerials



For Hinge Aerials
D4000—Rubber Insulator, 1/4" #20 bolt on ea. end. **18c**
YOUR PRICE, Each...
D4001—As above but with hinge pin clamp on bottom. **29c**
YOUR PRICE, Each...

For Cowl Aerials

Moulded bakelite insulator. Upper type has two holes in sides for passage of tube through insulator. Lower type has only one hole in side. No brass inserts are supplied.

Stock Number	Upper	Lower	Tube Hole	Price Each
C4002	C4006		1/4"	21c
C4004	C4008		3/8"	Ten for \$1.95
C4005	C4009		1/2"	

Brass inserts for above. Has 10/32 screw attached. No nuts included.

C4010—For 1/4" Tubes **9c**
C4011—For 3/8" Tubes } Each
C4012—For 1/2" Tubes } Ten for **81c**

C4013—Rubber Gaskets for above cowl insulators. Ten for **55c**. Each... **6c**

Antenna Coupler



and
Signal Booster for all Auto Radios

Increases signal strength. Mounted in moisture proof, shielded metal connector. Operates efficiently with any type receiver.

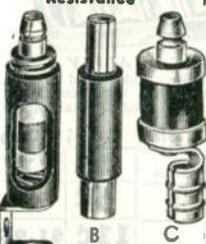
D4016—Bayonet Type
D4017—Motorola Type
YOUR PRICE, Each... **24c**
Ten for **\$2.16**

AUTO RADIO NOISE SUPPRESSORS

Powerflo Auto Spark Suppressors

Inductive Wire Wound

Low Resistance | **Saves Gasoline**



For Spark Plugs
D3958—Type A
 For Distributor
D3960—Type B

Either type
 Your Price, **20¢**
 Ea.
 10 for \$1.79

Special Plug Type
 For Ford V8.
D3959—Type C
 Your Price, **25¢**
 Ea.
 10 for \$2.20

Fully sealed in moisture-proof containers with rust-proof nickel hardware. Highly efficient, patented nichrome wire wound cores.

Steps radio noise—suppresses disturbances in electrical system that cannot be eliminated otherwise—prevents reduction of speed—insures full engine power—allows faster acceleration—saves excess fuel. The Nichrome Wire Core that is used gives thousands of miles more service from spark plugs, coil and ignition points, than any type of carbon suppressor! A full flow of current from distributor to spark plugs without interruption—efficiency is constant. Not affected by heat or humidity. Will not break, crack down or burn out at any speed. Resistance 12,500 ohms. Ford type 25,000 ohms resistance.

Master Distributor Noise Suppressor

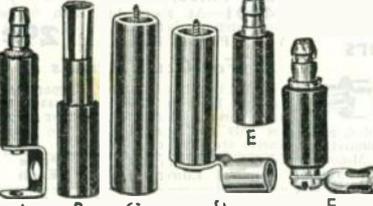
Eliminates Individual Spark Plug Suppressors

B3957—List Price, 50¢.
YOUR PRICE 27¢
 10 for \$2.45



New inductive type. Eliminates necessity of individual spark plug suppressors and on most late model cars will give as good results. Mounts in center socket of distributor cap only. On cars with dual ignition systems two are required. Impervious to heat, oil and moisture. Resist. 10,000 ohms.

Compact Suppressors



Highly Efficient

	Price Each	Ten For
K3961—Type A Spark Plug Type	8¢	75¢
K3962—Type B Distributor Type	8¢	75¢
K3963—Type C Cable Type	9¢	81¢
K3964—Type D Elbow Type	9¢	81¢
K3965—Type E Regular, 10,000 ohms	8¢	75¢
D3974—Type E '39-'40 Fords, 20,000 ohms	8¢	75¢
A3966—Type F Regular, 10,000 ohms	8¢	75¢
D3975—Type F '39-'40 Fords, 20,000 ohms	8¢	75¢

*Fit all makes of spark plugs. Had terminal screws open for connecting wires.

Latest design new small size suppressors for use on new model cars. Highly efficient noise suppressors for auto-radio installations. Carbon resistance element is encased in a heat-proof and moisture-proof tube. Metal parts are securely fastened. Leakage is at an absolute minimum.

Noise Eliminator Distributor Brush for Ford V8

Replaces Original Brushes

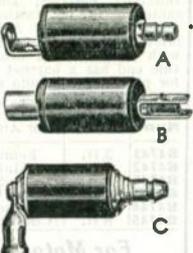


C3976—For 1933, '34, '35, '36 Fords.
 C3977—For 1937, '38, '39 Fords.
 List Price, 30¢.
YOUR PRICE, EACH 9¢
 Ten for 81¢

A high resistance brush for the distributor of the Ford V8 to eliminate radio interference. Takes the place of the original distributor brush and acts as the distributor suppressor.

Auto Spark Suppressors

Saves Gas and Improves Performance



200 Ohm Inductive Type
 A new type low resistance Automobile ignition noise suppressor. Inductive type. Presents very high impedance to the oscillator discharge of an ignition spark but less than 20 ohms to the initial surge which fires the cylinder. Filter is of solid, vibration proof construction, moisture proof, not affected by motor heat. Oil proof, not affected by oil. Improved filter and oil proof, not affected by oil.

The low resistance usually results in 2 to 5 miles more per gallon of gas. The jerky idling of a motor with high resistance suppressors is smoothed out.

K3953-B—Distributor Type.
K3953-A—Spark Plug Type.
A3956-C—Slip-on Suppressor.
 List Price, 60¢. **YOUR PRICE 27¢**
 10 for \$2.40

Eliminates Motor Noise Interferotrol

A Scientifically Designed Auto Radio Noise Eliminator

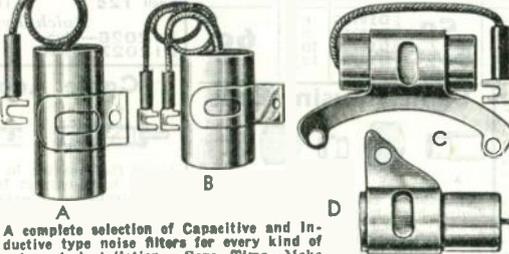


A highly efficient easily installed ignition noise eliminator which does not interfere in any way with the functions of the car ignition system. For noise-free Auto Radio reception. Consists of a combination high-frequency filter and an adjustable balancing circuit that completely eliminates the use of spark plug suppressors. Shielded metal container fitted with bracket for mounting. Installed in series with antenna lead of receiver.

D9980—List. \$2.25.
YOUR PRICE \$1.04

Capacitive and Inductive Type Auto Filter Units

A Filter For Every Purpose



A complete selection of Capacitive and Inductive type noise filters for every kind of auto set installation. Save Time—Make More Money—Gain Satisfied Customers—Guarantee noise free installations by keeping your shop fully prepared with a selected stock of these items to effectively and promptly service all types of noisy installations complaints.

A—For Ignition Coils & Accessories
 Filter Condensers—For use on interrupter and battery sides of ignition coil, tail light, windshield wiper, heater and other electrical accessories. D8665, D8666 and D8667 are especially desirable for use on car generators. Use D8667 where car generators are set to charge over 18 amperes.

D8665—5 Mfd. Size 1 1/2" x 1 1/2" long.	YOUR PRICE, 11¢
10 for 98¢	
D8666—1.0 Mfd. Size 1 1/2" x 2 1/4" long.	YOUR PRICE, 20¢
10 for \$1.80	
D8667—1.5 Mfd. Size 1 1/2" x 2 3/4" long.	YOUR PRICE, 32¢
10 for \$2.90	

B—Generator Noise Filter—
 Two .5 Mfd. capacitors properly grounded for connection across generator cut out. Kills interference resulting from an idling generator as well as from higher charging rates—a feature not found in single section units. Size 1 1/2" x 2 3/4".
D8669—Dual .5 Mfd. filter. Metal Cased.
 List Price, \$1.50.
YOUR PRICE, Each 34¢

Buffer Condensers



For Auto Radio Replacements

OIL FILLED—WAX FILLED
1600 WKG. VOLTS D.C.

The condensers offered here are of exact specifications required for auto receivers and are of a make used by many of the foremost receiver manufacturers as original equipment. Because of unusually severe conditions existing in electrical systems of most automobiles, the original condensers are frequently damaged to such an extent as to require replacement. You will make and save money by stocking and using these condensers and yet be assured of the very best quality and dependability. Stock is always fresh and clean. **SPECIAL NOTE:** Vibrator manufacturers recommend replacement of buffer condensers whenever a new vibrator is required in an auto radio receiver. This is to insure satisfactory vibrator service and longer vibrator life.

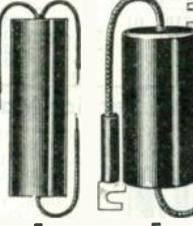
Oil Filled—Metal Shell Type—1600 Volt
 Condensers are securely sealed in compact cylindrical metal containers. Fully insulated waxed cardboard tube overall. Tinned copper wire leads 2 1/2 inches long. Impervious to moisture. Metal container is grounded to one lead

Stock Num.	Cap. Mfd.	Size Dia. x L.	List Price	Net Each	Ten For
D8750	.005	1 1/2" x 1 1/2"	45¢	19¢	\$1.69
D8751	.01	1 1/2" x 1 1/2"	55¢	24¢	2.19
D8752	.02	1 1/2" x 1 1/2"	60¢	27¢	2.43

Wax Filled Type—1600 Volt
 Oil impregnated paper windings, placed in treated fibre tube, the entire condenser being then thoroughly sealed in moisture proof wax. Tinned copper wire leads 2 1/2 inches long.

Stock Num.	Cap. Mfd.	Size Dia. x L.	List Price	Net Each	Ten For
D8753	.005	1 1/2" x 1 1/2"	35¢	16¢	\$1.39
D8754	.01	1 1/2" x 1 1/2"	40¢	18¢	1.59
D8755	.02	1 1/2" x 1 1/2"	45¢	20¢	1.79

"A" Line R.F. Filter



Two .5 Mfd. condensers and a choke in a single can with two flexible leads for connecting in series with A supply to radio. Overcomes interference resulting from unbalanced ignition circuits caused by varying rates of battery charge. Size 1 1/2" x 2 3/4".
D8668—Dual Capacitor and Choke.
 List Price, \$1.75. **YOUR PRICE, Each 39¢**

C & D—Ford Distributor Filter
 Especially designed for the Ford V8 distributor. Metal bracket exactly fits bolts in distributor cap.

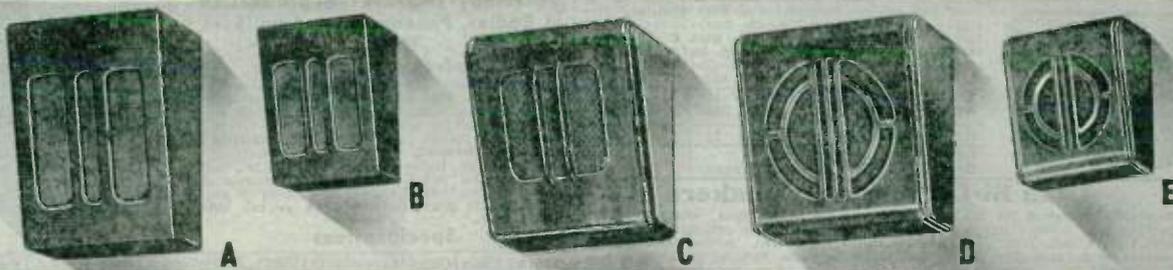
D8672—Type C, for '34 '35 '36	Each, Net
D8673—Type D, for '37 '38	Any
D8674—Type A, for '39 '40	Type

YOUR PRICE
 Ten for **\$1.59**

E—Efficient Dome Light Filter—
 A .5 Mfd. capacitor and choke in moisture sealed fiber tube especially developed for eliminating dome light interference. Can also be used to kill stubborn interference resulting from other lighting and electrical accessories. Fiber cased.
D8671—Dome Light Filter. Size 1x3"
 List Price, \$1.50. **YOUR PRICE, Ea. 24¢**
 Ten for \$1.95

F—Where Mounting is Not Grounded
 A .5 Mfd. filter used for concealed-in-upholstery installations or where no-grounded mounting is available. Size 7/8" x 2 1/4".
D8670—In Moisture Sealed Fiber Case.
YOUR PRICE, Ea. 13¢

SPEAKER BAFFLES - P.A. CARRYING CASES



Speaker Wall Baffles for Extension Uses

Provide a convenient means of mounting extension speakers for proper sound distribution. Can be placed or mounted in any desired position on desk or wall. Grille design provides ample protection for speaker and eliminates other vibration producing protective materials.

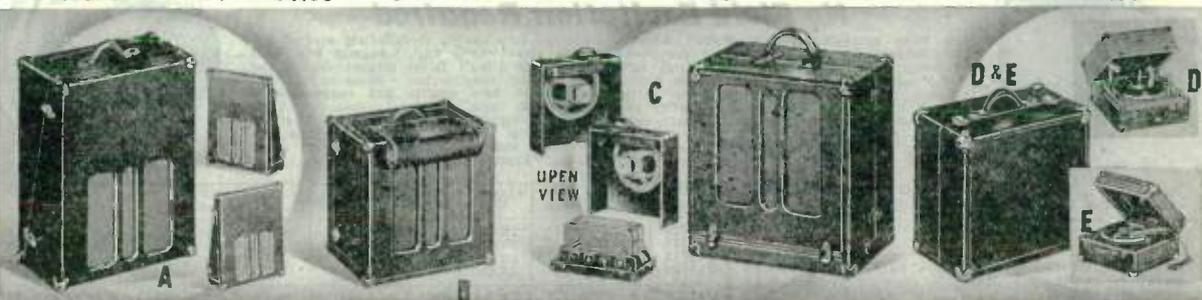
D15700—Type A—Blue Fabric Covered Baffle. For up to 12" speakers. An economical speaker wall baffle made of 3/4" plywood. Includes speaker mounting board with hole cut for 12" speaker. Size, 13 1/2 x 16 1/2" high, 5 1/4 to 8 1/4" deep. **\$1.95**
YOUR PRICE, Less Speaker.....
In Lots of 10 or More, Each **\$1.75**

D15701—Type B—As above but for 8" Speakers. Size 9" x 11" high, 6" deep at bottom. **\$1.45**
YOUR PRICE, Less Speaker.....
In Lots of 10 or More, Each **\$1.35**

D15646—Type C. 12" DeLuxe Walnut Veneer Type Wall Baffle in polished walnut finish. Extra well built, designed for DeLuxe appearance and performance. For use with highest priced P.A. installations. Takes up to 12" speakers. 3" side panels. Heavily reinforced. Open back. All corners rounded. Square rounded corner speaker opening has two 1" vertical walnut fins. Grille cloth size, 14 1/2 x 17" high, 5 to 9 1/2" deep. **\$4.20**
YOUR PRICE, Less Speaker.....
In Lots of 10 or More, Each **\$3.95**

D15642—Type D. 12" Walnut Finished Baffle. **D15644—Type D. 12" Unfinished Baffle** ready for painting any color. Takes up to 12" speakers. Made of veneer with 3/4" side panels. Reinforced. Rounded corners. Grille cloth. Size 14 1/2 x 17 x 6 to 9" deep. **\$3.45**
YOUR PRICE, Either Type, Less Spkr.
In Lots of 10 or More, Each **\$3.25**

D15643—Type E. 8" Walnut Finished Baffle. **D15645—Type E. 8" Unfinished Baffle** for painting. Takes up to 8" speaker. Size 9 1/2 x 10 1/2 x 4 to 6 1/2" deep. Same construction as above except has 1/2" side panels. **\$2.10**
YOUR PRICE, Either Type, Less Spkr.
In Lots of 10 or More, Each **\$1.85**



A—Dual Speaker Case

A split type carrying case that will house two speakers up to 12" in size. Speaker openings covered with grille cloth and protected by vertical bars. Sections serve as speaker baffles and may be placed on floor or hung from wall. Each section contains brackets for holding up to 50 feet of speaker cable. Constructed of sturdy plywood, covered with waterproof blue fabricoid, metal reinforced corners. Carrying handle. Rubber bumpers at top and bottom. Heavy snap fasteners. Closed size, 21 1/2" high, 16 1/2" wide, 9" deep. **\$4.95**
YOUR PRICE.....

B—Single Speaker Case

Durable Fabricoid covered plywood case with metal corner guards. Takes 8" to 14" cone speaker. Removable back fitted with snap type clasps and brackets for holding up to 50 ft. of speaker cable. Ample baffle surface for excellent tone reproduction. Grille cloth covered opening. Button-up Fabricoid flap over speaker opening. Size, 15x15x11". **\$4.75**
YOUR PRICE.....

D15824—Less speaker. \$4.75
YOUR PRICE.....
D15823—Same as above but less metal corner guards and protective flap. Less speaker. \$2.75
YOUR PRICE.....

C—P.A. System Case

Houses complete P.A. System. Accommodates amplifier, two speakers up to 12" with cable, take-down microphone stand and microphone. Sturdy, extra heavy plywood construction. Metal reinforced corners. Waterproof blue fabricoid covered. Separates into three units. Baffles may be stood on floor or mounted on wall. Grille cloth covered speaker openings. P.A. equipment not included. **\$6.95**
YOUR PRICE, Case only.....

D15831—Size inside 11" deep, 17" wide, 17" high. \$6.95
YOUR PRICE, Case only.....
D15832—Size inside 11 1/2" deep, 20 1/2" wide, 22 1/2" high. \$9.20
YOUR PRICE, Case only.....

D and E Phono. Cases

Constructed of heavy plywood with metal reinforced corners. Covered with attractive blue waterproof fabricoid. Heavy clasp fasteners.

D15826—Type D—For manual record player. Includes blank motorboard. Size inside, 12 1/2 x 14 1/2 x 7 1/2. \$3.95
YOUR PRICE, Case Only.....

D15828—Type E—Similar to above but better construction. Size inside, 14x15x7 1/2. \$7.15
YOUR PRICE, Case Only.....

For Automatic Record Changers
Fine sturdily constructed case.

D15833—For RCA DeLuxe Changer. \$7.15
D15834—For Webster Std. Model. \$7.15
D15840—For Gen. Industries Model. \$7.15
D15841—For Radiola D1337. \$7.15
YOUR PRICE, Case Only.....

D15842—For Webster DeLuxe. \$7.45
YOUR PRICE, Case Only.....

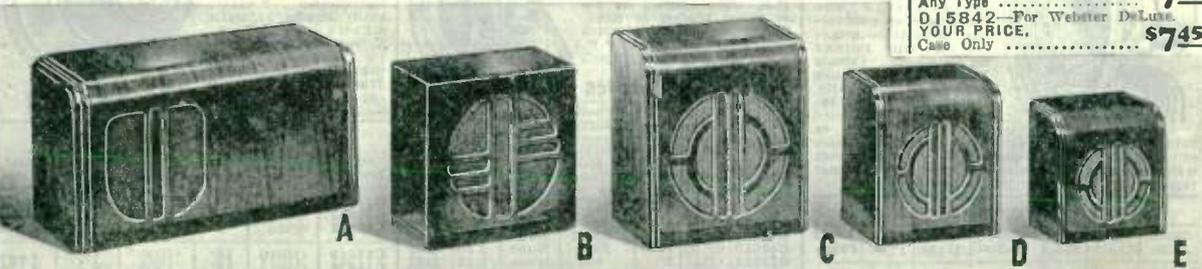


Table Type Radio, Extension Speaker and Intercommunicator Cabinets

Type A—Modern Design Lay-Down Cabinet in a pleasing rich two tone walnut finish. Will accommodate a good sized radio chassis or may be used for intercommunication systems. Rolled panel and top of cabinet are made of genuine walnut veneer with solid grained ends. Inside Dimensions 13" wide, 8 1/2" high, 7 1/2" deep. Will take up to 6" speakers. **D17609—Type A Cabinet. \$2.75**
YOUR PRICE, Each.....
In Six Lots or More, Each **\$2.55**

Type B. Special Value Speaker Cabinet in attractive new design. Front and sides finished in rich warm walnut brown with contrasting dark base trim. Two tone gold figured grille cloth. Removable back cover is same design and finish as front. Sturdily constructed. Size inside, 8 1/4" wide, 8 1/4" high, 5 1/4" deep. Takes up to 8" speakers. **D15811—Type B. Cabinet. \$1.40**
YOUR PRICE.....
In Six Lots or More, Each, **\$1.32**

Type C, D and E. Attractive walnut veneered cabinets suitable for speaker extensions, intercommunication systems, roll top design. Removable veneered back. Rigidly constructed. Light walnut finish with side and bottom edge in contrasting darker shade. Mounted speaker grille cloth. Felt feet. No speakers supplied. **D15843—Type C—For 8" Speakers. Inside size 8 1/2" wide, 10 1/2" high, 6" deep. \$2.15**
YOUR PRICE, Each.....
In Six Lots or More, Each **\$1.95**

D15844—Type D—For 6" Speakers. Inside size 6 1/2" wide, 7 1/2" high, 4 1/2" deep. \$1.55
YOUR PRICE, Each.....
In Six Lots or More, Each **\$1.37**
D15845—Type E—For 5" Speakers. Inside size 5 1/2 x 6 1/2 x 4 1/2. \$1.10
YOUR PRICE, Each.....
In Six Lots or More, Each **95c**

UTAH PUBLIC ADDRESS REPRODUCERS

Utah Wall Type Reproducer



Ideal for all sound systems where wide coverage of voice and musical frequencies of high quality is desired, as in night clubs, theatres, music stores, restaurants, sweet shops, taverns, etc. Uses 8" P.M. dynamic with 12 oz. magnet. Molded, non-metallic case attractively finished in platinum grey crackle with dark brown trim. Size: 13x11". Ship. wt. 4 lb.

Stock Num.	Utah Code	V.C. Imp.	Input Normal	Watts Max.	List Price	Your Price
D15660	W-810	6-8	8	12	\$9.50	\$5.58
D6969	8747	Line trans.			.85	.49
D6979	8759	Univ. Plate Trans.			.85	.49

Utah Bi-Directional Speakers

Especially designed for paging systems in factories, clubs, offices, garages, parking lots, hotels, large homes, etc. Gives clear, easily understandable voice reproduction from front and back. Sturdily constructed. Swivel joint bracket insures correct mounting. Molded, non-metallic baffle, finished in platinum grey crackle with dark brown trim. Line transformer included. Size: Housing 9 1/2 x 5". Brkt. 3" high. Ship. wt. 3 1/2 lb.



Stock Num.	Utah Code	Cone Dia.	Magnet Wt.	V.C. Imp.	Input Normal	Watts Max.	Overall Size	List Price	Your Price
D15661	W800	8"	12 Oz.	6-8	8	12	11 1/4 x 17 1/4 x 24"	\$29.50	\$17.34

With transformer tapped at 500, 1000, 1500, 2000 ohms for 1 to 8 speakers across a 250 or 500 ohm line.
D15662 W801 8" 12 Oz. 6-8 8 12 10.75 6.32
With transformer tapped at 2500, 3750, 4000, 4750 ohms for 9 to 20 speakers across a 250 or 500 ohm line.

Utah Baflex Reproducer

Materially Improves Reproduction of Radios, Phonographs, Amplifiers Comes

Complete with Speakers

Incorporates the latest developments and improvements for high fidelity reproduction of music and voice from radio sets and public address amplifiers. Ideal for schools, dance halls, taverns, auditoriums, homes, etc. All "back-radiation" has been eliminated. Base response greatly improved. High frequency response up to 9500 Cycles is clear and without cabinet resonance or vibration distortion. Cabinets are sturdy in construction and attractively finished in two tone satin bronze.



Specifications

Stock Num.	Utah Code	Cone Dia.	Magnet Weight	V.C. Imp.	Input Normal	Watts Max.	Overall Size	List Price	Your Price
D15663	M-820	8"	20 oz.	8	12	15	11 1/4 x 17 1/4 x 24"	\$39.50	\$17.34
D15664	M-831	8"	31 oz.	8	12	18	11 1/4 x 17 1/4 x 24"	\$33.50	\$19.70
D15665	M-123	12"	46 oz.	8	17	28	12 1/4 x 22 3/4 x 31"	44.50	26.16
D15666	M-127	12"	7 lb.	8	22	33	12 1/4 x 22 3/4 x 31"	59.50	34.98

Output Transformers for Baflex Reproducers

Line	Univ. Plate	For Model	List Price	Net
D6971	D6970	M-820	\$1.50	\$0.88
D6986	D6985	M-831	1.95	1.14
D6958	D6957	M-123	1.95	1.14
D6903	D6902	M-127	2.25	1.32

UTAH PERMO-MAG PERMANENT MAGNET DYNAMIC SPEAKERS

No Field Excitation Required

Use these speakers for your Public Address installations. Especially suited for use where extremely long lines must be run as only two connecting wires are needed. The saving effected in wire very often pays the entire cost of the speaker. True high fidelity reproduction, high volume carrying capacity and amazing high efficiency make these speakers fully equivalent in every way to the corresponding type of electro dynamic speakers.

Improved tone quality is definitely assured due to the exceptionally high magnetic flux made possible by Utah's latest magnet design and special alloy construction. Speakers are far superior in tone quality and ruggedness of construction over previous types of P.M. speakers, insuring permanency and freedom from trouble. Voice coils are specially impregnated and baked to take abnormal sound peaks. *Especially designed for trumpet type baffle.



Output Transformers for Utah Permo-mag Speakers

Univ. Tube	Line Matching	For Speaker Type	List Price	Your Price
D6970	D6971	G6P, E12P, 12P	\$1.50	\$0.88
D6985	D6986	H8P	1.95	1.15
D6957	D6958	K15P, L15P	4.00	2.32
D6902	D6903	F12P, G12P	2.25	1.32
D6930	D6903	GS12P, H12P	2.25	1.32
D6930	D6991	GS15P, H15P	2.25	1.32

The Universal Tube Transformers listed on this page match speakers to any output tubes either single or P.P.
The Universal Line Transformers listed on this page have secondaries tapped at 500, 1000, 1500 and 2000 ohms.

Stock Num.	Utah Code	Cone Dia.	Magnet Wt.	V.C. Imp.	V.C. Ohms	Input Normal	Watts Max.	Output Trans.	List Price	Your Price
D15720	*12P	12"	12 Oz.	1"	6-8	10	15	None	\$8.75	\$5.14
D15575	E12P	12"	20 Oz.	1"	6-8	13	20	None	12.50	7.35
D15721	G6P	6"	20 Oz.	1 1/2"	6-8	5.5	8	None	7.50	4.41
D15722	*H8P	8"	31 Oz.	1 1/2"	8	12	18	None	11.75	6.91
D15578	F12P	12"	31 Oz.	1 1/2"	6-8	16	24	None	14.00	8.23
D15579	G12P	12"	46 Oz.	1 1/2"	6-8	17	28	None	18.50	10.88
D15527	GS12P	12"	4 Lb.	1 1/2"	6-8	20	30	None	27.50	16.33
D15528	GS15P	15"	4 Lb.	1 1/2"	6-8	22	33	None	29.50	17.34
D15580	H12P	12"	7 Lb.	1 1/2"	6-8	22	33	None	33.75	19.84
D15581	H15P	15"	7 Lb.	1 1/2"	6-8	24	36	None	39.50	23.23
D15723	K15P	15"	15 Lb.	2"	8	27	40	None	79.50	46.74
D15724	L15P	15"	23 Lb.	2"	30	30	43	None	104.50	61.44

REPLACEMENT SPEAKERS TO FIT ANY RADIO

Utah 12 In. Speakers



Excellent sound reproduction and high output combined with ruggedness of construction make these speakers especially suitable for DeLuxe Console Receivers. Will handle peak loads of 15 watts. Recommended field input on field excited models, 9 watts; no field excitation required on P.M. types. Voice coil, 8 ohms. Universal Output Transformers match any tube, Single or P.P. Line Transformer tapped for 500-1,000-1,500-2,000 ohm lines.

Electro-Dynamic Speakers

Stock Number	Mfg. Code	C. Dia.	Field Ohms	Out'p Trans.	List Price	Your Price
A15582	Q1210	12"	1000	Univ.	\$7.50	
A15583	Q1215	12"	1500	Univ.	7.50	\$4.11
A15584	Q1220	12"	2000	Univ.	7.50	
A15585	Q1225	12"	2500	Univ.	7.50	Each

P. M. Dynamic Speakers

A15586	12P	12"	12 Oz.	None	\$ 8.75	\$5.14
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Output Transformers for 3", 4" or 5" Speakers

Stock Number	Tube Imped.	Stock Number	Tube Imped.	Your Price
C6963	2000	C6965	10,000	EACH 35c
C6964	4000	C6966	25,000	
C6967	2000	(251A) for 3" Spkr		

3, 5 and 6 In. Speakers

For use in compact radios. Strong rugged construction combined with true high fidelity sound reproduction. P.M. types adapted for use as either speaker or mike. Output Transformers match any tube, Single or P.P. Voice coil impedance, 3 to 5 ohms.

Electro-Dynamics

Stock Num.	Mfg. Code	C. Dia.	Field Ohms	Out'p Trans.	List Price	Your Price
D15716	Q330	3 1/2"	3000	None	\$2.25	\$1.32
C15589	Q345	3 1/2"	450	None	2.25	1.32
D15717	Q427	4"	2750	None	2.25	1.32
D15718	Q445	4"	450	None	2.25	1.32
C15590	Q506	5"	6	None	2.25	1.32
C15591	Q518	5"	1800+	None	2.25	1.32
C15592	Q530	5"	3000+	None	2.25	1.32
C15517	Q510	5"	1000	None	2.25	1.32
C15518	Q545	5"	450	None	2.25	1.32
C15593	Q606	6"	6	Univ.	3.40	2.00
C15594	Q618	6"	1000	Univ.	3.40	2.00
C15595	Q618	6"	1800+	Univ.	3.40	2.00
C15596	Q625	6"	2500	Univ.	3.40	2.00

†Tapped at 1,500. ‡Tapped at 2,500.

P. M. Dynamic Speakers

Stock Num.	Mfg. Code	C. Dia.	Field Ohms	Out'p Trans.	List Price	Your Price
D15710	3PY	3 1/2"	1 1/2"	None	\$1.80	\$0.94
D15711	3PZ	3 1/2"	2 1/2"	None	1.85	1.09
D15597	3P	3"	5	None	2.70	1.58
D15712	4PY	4"	1 1/2"	None	1.05	.97
D15713	4PZ	4"	2 1/2"	None	1.80	1.12
D15714	5PY	5"	1 1/2"	None	1.75	1.03
D15715	5PZ	5"	1 1/2"	None	1.95	1.15
D15598	6P	5"	5	None	2.75	1.61
D15599	6P	5"	5	None	3.30	1.94

8 and 10 In. Speakers

Especially desirable as replacement speakers for console cabinet receivers. Excellent tone reproduction. Speakers easily handle 10 watts without distortion. Voice coil impedance 8 to 8 ohms. Supplied with Universal Output Transformer to match any tube, Single or Push-Pull.



Electro-Dynamic Speakers

Stock Number	Mfg. Code	Cone Dia.	Field Ohms	List Price	Your Price
C15615	Q810	8"	1000	\$4.80	\$2.70
C15617	Q818	8"	1800+	4.80	Each
C15618	Q825	8"	2500	4.60	Each
C15619	Q1010	10"	1000	6.50	\$3.82
C15620	Q1015	10"	1500	6.50	
C15621	Q1020	10"	2000	6.50	
C15622	Q1025	10"	2500	6.50	Each

†Tapped at 300 ohms.

P. M. Dynamic Speakers

Stock Num.	Mfg. Code	C. Dia.	Field Ohms	Out'p Trans.	List Price	Your Price
C15623	8P	8"	5 Oz.		\$4.00	\$2.35
C15624	8EP	8"	7 Mag.		4.50	2.64
C15625	10P	10"	12 Wt.		6.25	3.67

Output Transformers for PM Speakers

Univ. Tube	Univ. Line	For Speaker	Each
C6968	C6969	8P & 8EP	50c
C6970	C6971	10P	88c



RADIO'S FAVORITE VOICE

A complete line of field excited Electro Dynamic replacement speakers. Each unit is rigidly welded to form a one piece rugged assembly. No screws or fastenings to get out of adjustment. Universal speaker mounting bracket packed with 4", 5", 6 1/2" models. Field coil pots on these models are also drilled and tapped for chassis mounting. These features allow replacement of speaker on practically any set. All models are dustproof.

Quam Permanent Magnet Dynamic Speakers are designed especially for replacement purposes where high quality dynamic speakers which do not use field excitation are required. Excellent for automobile and battery set replacement. Particularly adaptable to Public Address Systems as extension speakers. Fully dust and weather proof. Rigid, welded construction insures long, trouble-free life.

4 and 5 Inch Electro-Dynamic Speakers

For AC and AC-DC midjet sets. Conservatively rated at 3.5 watts output. Voice coil impedance 4 ohms at 400 cycles. 4" Model: Extra shallow for Pee Wee sets. Depth, 1 1/2". Mounting dia. 4 3/8". 5" Model: Mounting dia. 5"; Depth, 2 1/4".

4 Inch Model 405M Less Transformer

Stock Number	Field Ohms	Stock Number	Field Ohms
A15435	3000	A15437	1800
A15436	2500	A15439	450

5 Inch Model 50S Less Transformer

Stock Number	Field Ohms	Stock Number	Field Ohms
A15440	3000	A15443	1000
A15441	2500	A15444	450
A15442	1800	A15445	5.5

List Price, \$2.00
YOUR PRICE, Each

\$1.18

6 1/2 Inch Model 65M Electro-Dynamics

For table model radios, extension speakers, and automobile radio sets. Conservative output rating 4.5 watts. Voice coil impedance 4 ohms at 400 cycles. Dia., 6 1/2". Depth 3". Ship wt., 2.3 lbs.

Less Transformer

Stock Num.	F'd. Ohm	Stock Num.	F'd. Ohm
A15415	3000	A15418	1000
A15416	2500	A15419	450
A15417	1800	A15420	5.5

List Price, \$2.80
YOUR PRICE, Each

\$1.65

Junior PM Dynamics

Incorporates new developments and manufacturing methods that have enabled considerable savings in cost. Desirable for replacement in auto sets, intercommunication systems and low-priced battery receivers. Dust proof construction. 10" Leads. Voice coil Imp. 4 ohms. Conservatively rated. No field excitation necessary. 4" Model is supplied with square frame, others with round frame. Supplied less output transformer.

Stock Number	Model Num.	Cone Size	Magnet Weight	Input Normal	Watts Normal	Watts Max.	List Price	Your Price
D15558	4JP2	4"	2 oz.	1.5	2.25		\$1.60	\$0.94
D15556	4JP4	4"	4 oz.	2.5	3.75		2.00	1.18
D15559	5JP2	5"	2 oz.	1.5	2.25		1.60	.94
D15557	5JP4	5"	4 oz.	2.5	3.75		2.00	1.18
D15560	6JP4	6 1/2"	4 oz.	2.5	3.75		2.50	1.47
D15561	8JP5	8"	5 oz.	3.5	5.25		3.00	1.76
D15562	8JP7	8"	7 oz.	6.0	9.00		3.50	2.06

Junior Electro-Dynamics

Models 40J, 50J, 65J and 80J

Meets the demand for a lower priced replacement speaker yet carries a full guarantee of satisfaction and service. Used by set manufacturers. Well designed and constructed of quality materials to give excellent performance characteristics. Baked brown finish. 4" Model is supplied with square frame, others with round frame. Supplied less output transformers.



Stock Num.	Field Ohms	Stock Num.	Field Ohms	Cone Dia.	Input Normal	Watts Normal	Watts Max.	List Price	Your Price
D15563	3000	D15572	2500		2.5	3.25		\$1.70	\$1.00
D15564	1800	D15573	1000	4"	2.5	3.25		1.70	
D15565	450				2.5	3.25		1.70	
D15566	3000	D15574	2500	5"	2.5	3.25		1.70	\$1.15
D15567	1800	D15600	1000		2.5	3.25		1.70	
D15568	3000	D15601	2500	6"	3.5	5.25		1.95	
D15569	1800	D15602	1000		3.5	5.25		1.95	\$1.76
D15570	3000	D15603	2500	8"	4.0	6.00		3.00	
D15571	1800	D15604	1000		4.0	6.00		3.00	

Output Transformers

Designed to exactly fit speakers for which specified. All transformers are unshielded.

For Models 4JP2, 4JP4, 5JP2, 5JP4, 6JP4, 405M, 50S, 65M, 40PM and 50 PM
Core Size 1/2" x 1/2"

Stock Num.	Pri. Imped. Ohms	For Sgle. or P.P.	Your Price
A6800	2000	Sgle.	35c
A6801	4000	Sgle.	
A6802	7000	Sgle.	
A6803	10000	Sgle.	

For Models 8JP5, 8JP7, 80PM and 65PM Core Size 1 1/2" x 3/4"

Stock Num.	Pri. Imped. Ohms	For Sgle. or P.P.	Your Price
A6804	2000	Sgle.	41c
A6805	4000	Sgle.	
A6806	7000	Sgle.	
A6807	10000	Sgle.	
A6808	10000CT	P.P.	
A6809	500 & 1000 Line	Universal	

For Model 80PM Core Size 3/4" x 3/4"

Stock Num.	Pri. Imped. Ohms	For Sgle. or P.P.	Your Price
A6811	2000	Sgle.	50c
A6812	4000	Sgle.	
A6813	7000	Sgle.	
A6814	10000	Sgle.	

Stock Num.	Pri. Imped. Ohms	For Sgle. or P.P.	Your Price
A6815	14000CT	P.P.	59c
A6816	8000CT	P.P.	
A6817	10000CT	P.P.	
A6818	500 & 1000 Line	Universal	

For Models 580PM, D80PM, M120PM and 120 PM Core Size 3/4" x 3/4"

Stock Num.	Pri. Imped. Ohms	For Sgle. or P.P.	Your Price
A6820	2500	Sgle.	65c
A6821	4000	Sgle.	
A6822	7000	Sgle.	
A6823	10000	Sgle.	

Stock Num.	Pri. Imped. Ohms	For Sgle. or P.P.	Your Price
A6824	14000CT	P.P.	76c
A6825	10000CT	P.P.	
A6826	5000CT	P.P.	
A6827	500 & 1000 Line	Universal	

A6828 Universal 94c

4 Inch Model 40PM PM Dynamic

Very compact. Unsurpassed for replacement in midjet radios and intercommunicating systems. 4" P.M.'s can also be used as a combination dynamic microphone and speaker. Conservatively rated at 2 watts output. Voice coil impedance 4 ohms at 400 cycles. Frequency response 180 to 8000 c. p. s. 5 oz. Magnet. Mounting dia., 4 1/8". Transformer not included. Ship. wt., 2 1/2 lbs.

C15446—List, \$3.00
YOUR PRICE... **\$1.76**

A15447 — For use as a microphone. Complete with special transformer. List Price, \$3.90.
YOUR PRICE... **\$2.29**

5 Inch Model 50PM PM Dynamic

Remarkable performance on battery receivers, automobile sets, intercommunicating systems, and as extension speakers. Conservative output rating 3.5 watts. Voice coil impedance 4 ohms at 400 cycles. 5 oz. Magnet. Outside dia., 5". Depth, 2 1/4". Less transformer. Ship. wt., 2 1/2 lbs.

C15430—List, \$3.00
YOUR PRICE... **\$1.76**

6 1/2 Inch Model 65PM PM Dynamic

Highly efficient — Exceptional tone quality. For battery receivers, automobile sets and extension speakers. Voice coil impedance 4 ohms at 400 cycles. Conservatively rated at 5.5 watts output. Outside dia., 6 1/2". Depth, 3 1/4". 8 oz. Magnet. Less transformer. Ship. wt., 2 3/4 lbs.

A15431—List, \$3.80
YOUR PRICE... **\$2.23**

8 Inch Model 80PM PM Dynamic

Excellent volume and brilliant tone fidelity. Ideal for large battery receivers, automobile sets, amplifiers, P.A. systems and extension speakers. Voice coil impedance has 4 ohms, 8 ohms, 16 ohms, 32 ohms, 64 ohms. Less transformer.

Stock Num.	Size Model	Watts Normal	List Price	Your Price
D15432*	80PM	8	\$4.50	\$2.65
D15433*	80PM	28	10	8.40
D15434*	80PM	48	15	11.00

12 Inch Permanent Magnet Dynamics

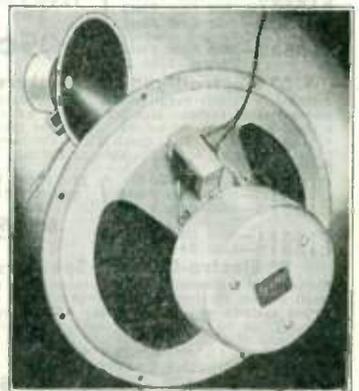
Suitable for large receivers and public address uses. Features unusual power handling capacity with excellent frequency response characteristics. Arc welded construction insures perfect alignment of integral parts. Speaker does not require field excitation. Completely dust proof. Voice coil impedance 8 ohms. Supplied less output matching transformers.

Model M120PM

D15400 — Conservatively rated at 15 watts. 28 oz. Magnet.
List Price, \$10.95.
YOUR PRICE... **\$6.44**

Model 120PM

D15401 — Conservatively rated at 25 watts. 48 oz. Magnet.
List Price, \$14.85.
YOUR PRICE... **\$8.73**



RADIO and PUBLIC ADDRESS SPEAKERS

Radolek Electro-Dynamic Speakers Use External Field Excitation

For replacement in radio sets which supply speaker field current or where a more efficient unit is required. Models are listed for replacement in practically any radio set. Heavy pressed steel frame holds assembly absolutely rigid, assuring perfect alignment of voice coil even under severe operating conditions. All speakers fully dustproofed. Speakers with field coil resistance other than those listed can be supplied on special order at slightly higher prices.

Radolek P.M. Dynamic Speakers Require No Field Excitation

Made of finest materials by one of the largest speaker manufacturers in the country. Equal to other speakers selling for much more than the low prices below. Latest type highly saturated permanent magnets are used, which retain their strength indefinitely. For practical applications these speakers are superior to field excited dynamics. Heavy pressed steel frame holds assembly absolutely rigid assuring perfect alignment of voice coil even under severe operating conditions. All speakers fully dustproofed.

12" and 15" Public Address Dynamic Speakers

For All Public Address and Radio Replacement Uses

Fine quality, highly efficient dynamic speakers. Designed particularly for Public Address Installations and Radio Set replacement use where high power handling capacity must be combined with high sensitivity and faithful reproduction. Made of best quality materials. Light pressed steel frame finished in smooth black enamel. One piece moulded weatherproof cones. Entire unit fully dustproof. Supplied less output transformer. Electro-Dynamic Speakers are supplied with base stand as shown at left, above. P.M. Dynamics are supplied less stand as illustrated.



Electro-Dynamic



P.M. Dynamic

12 Inch Electro-Dynamic Speakers

Stock Number	Model Number	Watts Normal	Rat. Peak	Field Ohms	Spkr. Depth	Voice Dia.	Coil Imp.	Shlp. Wt.	List Price	PRICE EACH
C15611	R12Q†	9	13	1000	5 1/4"	1"	5.5	6 1/4 lbs.	\$ 6.50	\$3.69
C15612	R12Q†	9	13	2500	5 1/4"	1"	6.5	6 1/4 lbs.	6.50	
C15613	R12F	16	24	1000	7 1/4"	1 1/4"	8.0	11 lbs.	10.25	\$5.75
C15614	R12F	16	24	2500	7 1/4"	1 1/4"	8.0	11 lbs.	10.25	
C15632	R12G	20	30	1000	7 1/4"	1 1/2"	8.0	16 lbs.	16.75	\$8.29
C15633	R12G	20	30	2500	7 1/4"	1 1/2"	8.0	16 lbs.	16.75	

†Supplied with Universal Sgle. or P.P. Output Transformer—less Stand.

12 Inch P.M. Dynamic Speakers

Stock Number	Model Number	Watts Normal	Rat. Peak	Field Ohms	Spkr. Depth	Voice Dia.	Coil Imp.	Shlp. Wt.	List Price	PRICE EACH
C15629	R12H	10	15	12 oz. mag.	5"	1"	7.0	7 lbs.	\$ 8.50	\$ 3.65
C15634	R12P*	10	15	15	4 1/4"	1"	8.0	5 1/4 lbs.	8.75	
C15635	R12EP	13	20	20	5 1/4"	1"	8.0	6 1/4 lbs.	12.50	6.67
C15636	R12FP	16	24	31	5 1/4"	1 1/4"	8.0	8 1/4 lbs.	14.00	
C15637	R12GP	17	24	46	5 3/4"	1 1/4"	8.0	9 1/4 lbs.	18.50	9.80
C15638	R12GTP	20	30	64	6 1/4"	1 1/2"	8.0	12 1/4 lbs.	25.00	
C15640	R12HP	22	33	7 lbs.	6 3/4"	1 1/2"	8.0	15 1/4 lbs.	33.75	14.75

*Special High Fidelity Model.

15 Inch P.M. Dynamic Speaker

C15639	R15HP	24	36	110 oz. mag.	7 1/4"	1 1/2"	8.0	18 1/4 lbs.	\$39.50	\$17.38
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5", 6" and 8" Radio Replacement Speakers

Also Suitable for P.A. Extension Uses



Electro-Dynamics
Use these speakers on small radio sets which provide speaker field supply or where speaker field is part of filter system. May also be used for P.A. extension where field supply is available. Fully dustproofed.

5" Speakers

For replacement in Mantel type AC-DC receivers and Auto Radios. Handles up to 3 1/2 watts without overloading or chattering. 3 1/2 ohm voice coil, 1/2" dia. Size, 5" dia. x 2 3/4" deep. Less output transformer.

C15639	6 Ohm Field	List Price, \$2.25
C15600	450 Ohm Field	YOUR PRICE
C15601	1000 Ohm Field	
C15602	1800 Ohm Field	
C15638	3000 Ohm Field	
C15637	Tapped 1500-300	95c
C15636	Tapped 2500-500	

6" Electro-Dynamic Speakers

Adequately fulfills requirements for reproduction in medium sized radios. Handles up to 6 watts peak, 4 watts average power output. 3 1/2 Ohms voice coil, 3/4" dia. Size, 6" dia., depth 2 1/2". Complete with Universal Sgle. or P.P. Tube Matching Transformer.

C15614	6 Ohm Field	List Price, \$3.40
C15610	1000 Ohm Field	YOUR PRICE
C15613	1800 Ohm Field	
C15611	Tapped 1500-300	
C15612	2500 Ohm Field	
C15611	2000 Ohm Field	\$1.65
C15612	2500 Ohm Field	

8" Electro-Dynamic Speakers

Suitable for replacement in large table model radios, small console receivers, multi-speaker sound distribution systems and small public address systems. Handles up to 10 watts peak, 6 watts normal. Voice coil dia., 3/4". Resistance, 3 1/2 ohms. Size, 8" dia., depth 4 1/4". Complete with Universal Single or P.P. Tube Matching Transformer.

C15520	1000 Ohm Field	List, \$2.75
C15522	2500 Ohm Field	Each, \$2.25

P.M. Dynamics

Especially suited for replacement in Pee Wee radio sets, midget radios, table models and small console sets. Also used to a great extent as extension speakers in large P.A. sound distribution systems. Fully dustproofed. All models quoted Less Output Transformer. Voice coil impedance 3 1/2 ohms.



Special 5" Speaker

5" Dia. Depth 2 1/4". Power handling capacity 2 watts, 3 watts peak. 1 1/2 Oz. Magnet. 1/2" dia. Voice Coil. Shlp. wt. 1/2 lb.

C15689	List Price, \$1.75.	97c
C15688	YOUR PRICE.....	
C15677	List Price, \$2.75.	\$1.38
C15676	YOUR PRICE.....	

High Fidelity 5" Speaker

5" Dia. Overall depth 2 3/4". Power handling capacity 3 watts, 4.5 watts peak. 5 Oz. Magnet. 1/2" Dia. Voice Coil. Shlp. wt., 1 1/4 lbs.

C15677	List Price, \$3.30.	\$1.80
C15676	YOUR PRICE.....	
C15677	List Price, \$3.30.	\$1.80
C15676	YOUR PRICE.....	

6 Inch Speaker

6" Dia. Overall depth 2 27/32". Power handling capacity 4 watts, 6 watts peak. 5 Oz. Magnet. 3/4" Dia. Voice Coil. Shlp. wt. 1 1/4 lbs.

C15677	List Price, \$3.30.	\$1.80
C15676	YOUR PRICE.....	
C15685	List Price, \$4.00.	\$2.25
C15684	YOUR PRICE.....	

8 Inch Speaker

8" Dia. Depth 3 1/4". Power Handling Capacity 7 watts, 11 watts peak. 5 Oz. Magnet. 3/4" Dia. Voice Coil. Shlp. wt. 2 1/4 lbs.

C15685	List Price, \$4.50.	\$2.49
C15684	YOUR PRICE.....	
C15685	List Price, \$4.50.	\$2.49
C15684	YOUR PRICE.....	

High Fidelity 8 Inch Speaker

8" Dia. Overall depth 3 3/4". Power handling capacity 7 watts, 11 watts peak. 7 Oz. Magnet. 3/4" Dia. Voice Coil. Shlp. wt. 2 3/4 lbs.

C15680	List Price, \$4.50.	\$2.49
C15679	YOUR PRICE.....	

Output Transformers

All speakers on this page are listed less transformer. Proper size transformers for each speaker are listed below. Same transformer may be used for either Electro-Dynamic or Permanent Magnet Dynamic Speakers. Universal Type Transformers match all tubes in single and P.P.



Stock No.	Transformer Impedance	For Speaker	Your Price
C6973	2000	3 1/2" 4"	30c
C6974	4000	3 1/2" 4"	
C6975	10,000	3 1/2" 4"	Ten for \$2.80
C6976	25,000	3 1/2" 4"	

Universal Output Transformers

Tube Trans. Stock No.	Line Trans. Stock No.	For Speaker	Your Price
C6977	C6978	C15675-5"	49c
C6979	C6980	6"	
C6981	C6982	8"	

For 12" and 15" Speakers at Left

Tube Stock No.	Line Stock No.	For Speaker Models	Your Price
C6950	C6951	R12Q R12H R12P R12EP R12FP R12G	\$0.75
C6900	C6901	R12FP R12GP R12G	
C6902	C6903	R12GTP R12HP	1.05
C6904	C6905	R15HP	1.18
			1.18

New Midget Speakers

3 1/2" Electro-Dynamics

For replacement in AC-DC Midget sets where economy of space is important. Excellent frequency response. 3 1/2 Ohm voice coil, 1/2" dia. Handles up to 3 1/2 watts. Size, 3 1/2" dia. x 2 1/4" deep. Less Output Transformer.



D15686—450 Ohm Field
D15690—3000 Ohm Field
List, \$2.25.
Your Price, Ea. **95c**

3 1/2" P.M. Dynamic

3 1/2" Dia. Depth 2". Power handling capacity 2 watts, 3 watts peak. 1 1/2 Oz. Magnet. 2 1/2 Ohm voice coil, 3/4" dia. Shlp. wt. 1 lb. Price quoted is less output transformer.

D15691	List Price, \$1.60.	87c
D15692	YOUR PRICE.....	

4" Electro Dynamics

4" Dia. depth 2 1/4" power handling capacity 2 watts 3 1/2 watts peak. 2.7 Ohm voice coil 1/2" dia. Shlp. wt. 1 1/4 lbs. Less Output Transformer.

D15692	450 Ohm Field	\$1.03
D15693	2750 ohm field	

4" P.M. Dynamic

4" Dia. depth 2 1/4" power handling capacity 2 1/2 watts 3 3/4 watts peak. 2 1/2 ohm voice coil 1/2" dia. 2 1/2 oz magnet—Less Output Transformer.

D15694	List, \$1.90.	\$1.01
D15695	YOUR PRICE, Each.....	

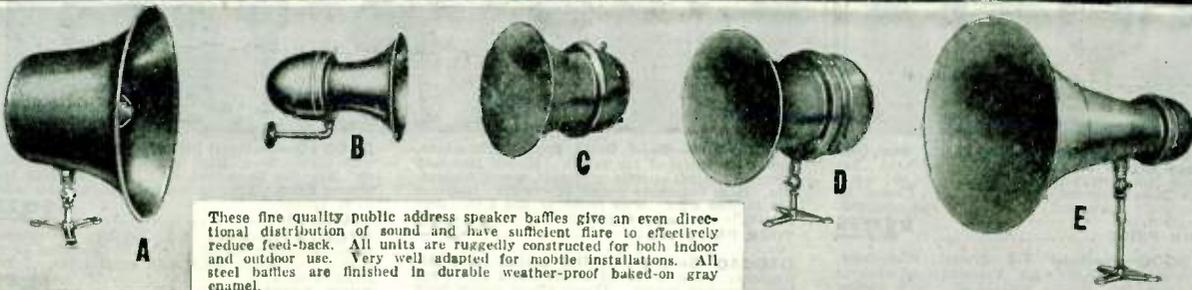
2 Inch Permug Speaker

This new midget speaker will provide unlimited new applications. Especially designed for hearing aid devices, communication systems and more compact radio and other sound equipment. Highly sensitive. Excellent voice frequency response permits use as microphone as well as speaker. Powerful, high permeability, permanent magnets. Voice coil impedance, 3 to 4 ohms. Normal rating, 3 to 4 ohms. Normal rating, 3 to 4 ohms. Normal rating, 3 to 4 ohms.

C6952	Voice Coil to Single Grid. For using speaker as microphone. Shielded.	59c
C6953	Universal Output Transformer. Load Imp. 2000 to 7000 ohms. V.C. 3-5 ohms.	

C6952	Voice Coil to Single Grid. For using speaker as microphone. Shielded.	59c
C6953	Universal Output Transformer. Load Imp. 2000 to 7000 ohms. V.C. 3-5 ohms.	

P.A. BAFFLES - PROJECTORS - HORNS



These fine quality public address speaker baffles give an even directional distribution of sound and have sufficient flare to effectively reduce feed-back. All units are ruggedly constructed for both indoor and outdoor use. Very well adapted for mobile installations. All steel baffles are finished in durable weather-proof baked-on gray enamel.

Fine Quality All-Metal Speaker Baffles and Trumpets

A—Re-Entrant Baffle
D15150—All-Steel Trumpet for 8" speakers. Light in weight. 22 1/2" Dia. bell. 17 1/2" long. Height from base 27". Welded on mounting support bracket, fits standard 1/2" pipe fittings. With Crowfoot swivel mounting support.
YOUR PRICE, Less Speaker..... \$1814
D15151—As above but complete with heavy duty 8" PM speaker.
YOUR PRICE..... \$2295

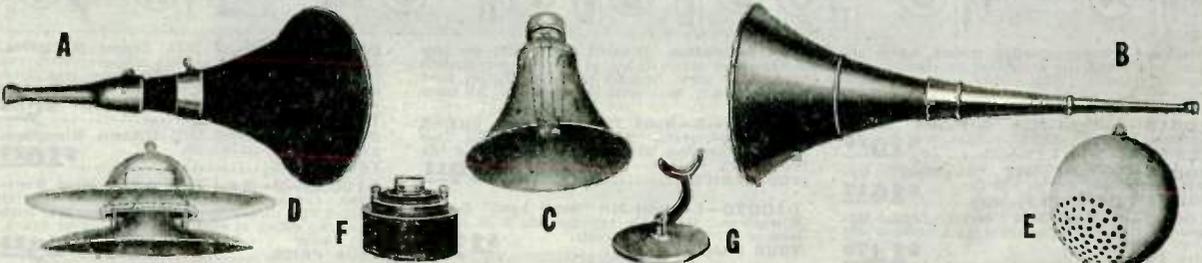
B—Midget Baffle
D15182—Suitable for call systems. Takes any 6" or smaller cone speaker. Sturdy all-steel vibration-less two piece construction. Welded on bracket socket takes 1/2" pipe fittings. Bell 10" dia., 3" deep. Overall depth, 9 1/2". Grey wrinkle finish. With pipe bracket but less pipe fittings.
YOUR PRICE, Less speaker.. \$441

C—Steel Aluminum Baffles
D15176—Steel Aluminum Baffle. Designed for all 12" cone speakers. Rugged construction. Popular with mobile installations. Has breather holes to relieve speaker back pressure. Bell is of spun aluminum, back of heavy gauge steel. Easily demountable into two sections. Loops provided for hanging. Can also be mounted to wall or ceiling by use of standard pipe fittings or used with bracket listed below. Bell 18" dia., 10" deep. Length overall 20". Less speaker. **\$425**
YOUR PRICE..... \$425
In 6 Lots or More, Each \$3.95

Weather-Proof Horn Covers
 Takes up complete protection against rain, snow, dust, wind, etc. for speaker cone when not in use. Slips over bell openings. Made of water-resisting cloth with elastic band.
D12443—For 12 to 18" bells.
YOUR PRICE..... 95¢
D12439—For 18 to 20" bells.
YOUR PRICE..... \$135

D—All Steel Baffles
 For 12" Speakers. Two piece wedge-fit rattle-proof all steel construction. Has screened breather openings to relieve speaker back pressure. Welded on mounting bracket fits 1/2" pipe fittings. Less speaker and adjustable bracket. Bell 17" dia. Overall depth 20".
D15180—With 1/2" pipe fittings as described.
YOUR PRICE..... \$720
D15184—Adjustable Crowfoot Mounting support for above.
YOUR PRICE..... \$1.47
D15183—Less pipe fittings but with eye rings for suspension.
YOUR PRICE..... \$6.98

E—P.A. Trumpet
With 8" PM Speaker Unit
D15165—Trumpet and Speaker. A scientifically designed speaker-baffle combination suitable for outdoor installations where sound must be distributed over a great distance with minimum feed back. Includes a powerful 8" permanent magnet driver speaker that will handle up to 15 Watts power output without distortion. Speaker voice coil impedance 8 ohms. Baffle is constructed of heavy spun-steel. Bell diameter 24". Length overall 38". Ship. wt. 17 lbs. Welded on bracket fits 1/2" standard pipe fittings. Less adjustable mounting support.
YOUR PRICE..... \$2495
D15167—Horn, Less Speaker.
YOUR PRICE..... \$20.46
D15166—Adjustable crowfoot mounting support bracket for above.
YOUR PRICE..... \$1.98



Racon High Quality Public Address Sound Equipment

A & B Racon Trumpets
 Best for adequate distortionless coverage of large areas as auditoriums, fields, etc. Dismountable for easy transportation. For use with T Horn Units.

Type A. For indoor use. Made of patented acoustic material which does not vibrate. Cast aluminum throat. Has suspension hook eyes.

Stock Num.	Total Lgth.	Bell Dia.	Throat Lgth.	Wt. Lbs.	List Price	Your Price
D15185	3 1/2"	22"	10"	10	\$28.50	\$16.75
D15186	4 1/2"	25"	16"	16	45.00	26.46
D15187	6"	30"	34"	18	62.50	36.75

Type B. For indoor and outdoor use. Made of 12 gauge aluminum with cast aluminum throat.

Stock Num.	Total Lgth.	Bell Dia.	Throat Lgth.	Wt. Lbs.	List Price	Your Price
D15188	3 1/2"	22"	10"	7	\$27.50	\$16.17
D15189	4 1/2"	25"	16"	11	50.00	29.40
D15190	6"	30"	34"	19	68.50	40.27

C—Racon Re-Entrant Trumpets
 Takes up very little space and yet has long air column delivering highly concentrated clearly audible sound over long distances. Sturdily constructed with cast aluminum tone chamber and heavy spun aluminum bell. For indoor or outdoor use. Center reflecting section treated with special acoustic material.

Stock Num.	Col. Lgth.	Bell Dia.	Size Lgth.	Wt. Lbs.	List Price	Your Price
D15192	3'	14"	12 1/2"	5 1/2	\$17.50	\$10.29
D15193	4 1/2'	24 1/2"	23 1/2"	11	40.00	23.52
D15194	6'	25 1/2"	28"	20	55.00	32.34

G—Racon Swivel Bracket
 For supporting all types of cone projectors as illustrated at top of page. Tooth ratchet swivel. Base has holes for mounting.
D15195—Without base.
YOUR PRICE..... \$176
D15196—With base.
YOUR PRICE..... \$265

D—Racon Radial Cone Baffle
 Distributes sound over a 360° area with even intensity. Brings out high frequencies lacking in directional type horns. Upper deflector and speaker housing made of heavy gauge steel. Lower deflector of special acoustic material to prevent resonant effects. Storm proofed for all weather conditions.
D15140—For 10" or 12" cone speakers. Reflector or dia., 31". Total height, 14". Wt. 10 lbs.
List Price, \$27.50.
YOUR PRICE, Less Speaker..... \$1617
D15141—For 5" or 6" cone speakers. Reflector dia., 17". Total height, 7". Wt. 3 1/2 lbs.
List Price, \$9.50.
YOUR PRICE, Less Speaker..... \$558

E—Racon Ball Type Baffle
 Projects sound over a 45° beam area. Blends with all types of architecture. Excellent for reproduction of both voice and music. Made of steel finished in silver enamel.
D15142—For 6" cone speaker. 9 1/2" Dia. Wt. 3 1/2 lbs. List Price, \$7.50.
YOUR PRICE, Less Speaker..... \$441
D15143—For 8" cone speaker. 12" Dia. Wt. 6 lbs. List Price, \$9.00.
YOUR PRICE, Less Speaker..... \$529
D15144—For 10" cone speaker. 14" Dia. Wt. 9 lbs. List Price, \$12.00.
YOUR PRICE, Less Speaker..... \$705

Baffle Supports
Floor Stand for Speaker Baffle
K15178—Stand only, no speaker or baffle included.
YOUR PRICE..... \$595
 For use with speaker baffle listed at top of page. Recommended for large Public Address Systems that are not permanent or where it is impractical to mount speakers on wall or ceiling. Collapsible stand provides stable base and ease of portability. Height of stand can be adjusted from 48 inches to 96 inches. Equipped with tilting bracket so that baffle can be placed at any angle.

Car-Top Horn Carrier
No holes required - Will not mar finish
 For temporary or permanent installations of horns or trumpets on car tops. No drilling necessary. Consists of maple platform, with sturdy supporting brackets secured to four large vacuum cups. Cups securely hold to any metal car top to which a film of glycerine has been applied. (Also fits Ford 1933-36, Plymouth '34-'36, Chevrolet '33-'34 or other fabric tops not wider than 41 1/2"). Doubly secured by straps anchored to drip rail over doors by rubber protected hooks.
D15199—Ship wt., 9 lbs.
YOUR PRICE..... \$408

F—Racon P.M. Type Units
 High grade compression units for use with straight and re-entrant type trumpets. Made from finest grade Alnico steel magnets and Armo iron throughout. All units are carefully measured and tested for highest flux density and power handling capacity.

Stock Num.	Watts Cap.	Oz.	Wt. Lbs.	List Price	Your Price	
D15145	8	15	46	7 1/2	\$35.00	\$20.58
D15146	10-12	20	60	9	44.00	25.87
D15147	12-15	25	104	13	55.00	32.34
D15148	12-15	25	130	17	66.00	38.80

ASTATIC MICROPHONES



D10003-A—Model WR-20 Double Dual-Diaphragm Crystal Microphone with tilting head. Response free from peaks and dips to 10,000 c.p.s. High impedance output at -56 db. Cannot be acoustically overloaded. 25 Ft. cable and connector. Chrome finish. **\$1735**
YOUR PRICE

D10000-B—Model T-3 Crystal Microphone. Response 30 to 10,000 c.p.s. Perfect for entertainers and orchestras. Output level -52 db. Satin chrome finish. Genuine Bimorph crystal. Semi-directional, but has tilt head for aiming direct at sound. Chrome finished. Has plug-in connector with 25 ft. cable. **\$1470**
YOUR PRICE

D10001-C—Model GT-3 Crystal Microphone with desk stand. Same as above. Grip-to-talk switch built in stand tubing. Gripping stand with palm of hand puts mike in operation. With 8 ft. cable. **\$1764**
YOUR PRICE

Above Microphones for 5/8"-27 thread stands.

D10004-D—Model D-104 Crystal Microphone. Especially designed for speech. Rising frequency above 500 c.p.s. stresses important speech frequencies. High impedance output at -48 Db. Response 500 to 4000 c.p.s. With connector and 8 ft. cable. Fits 5/8"-27 stands. Chrome finish. **\$1323**
YOUR PRICE

D10040-D—Model D104HS Crystal Hand Microphone. Same as Model D-104 listed above, but has convenient handle. Thumb off-on switch built in handle. Perfect for mobile work. Will not overload or block from close talking. Chrome finish. **\$1499**
YOUR PRICE

D10005-E—Model UT-48 Crystal Microphone. Designed for clean crisp speech with rising characteristic above 500 c.p.s. to a maximum of 3500 c.p.s. High impedance output at -48 db. Tilting head. Chrome finish. 7 Ft. cable with connector. **\$970**
YOUR PRICE

D10012-F—Model DN-HZ Dynamic Microphone with tilting head. High impedance output at -55 db. Response 50 to 7000 c.p.s. Two tone gray and chrome finish. Plug-in microphone connector with 25 ft. cable. **\$1323**
YOUR PRICE

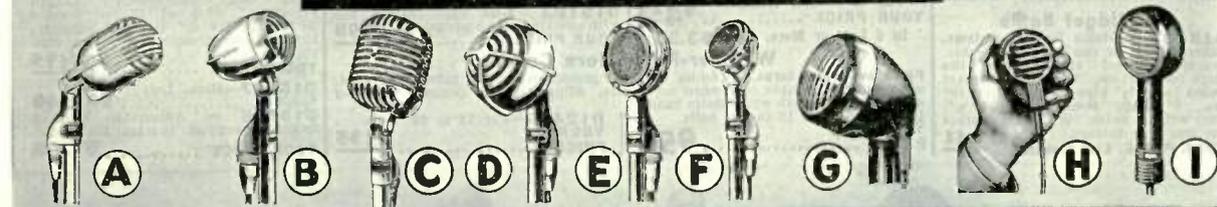
D10014-G—Model R-3 Crystal Microphone. High impedance output at -52 db. Response 30 to 5000 c.p.s. Brown finish with metal grille. 7 Ft. attached cable. **\$585**
YOUR PRICE

D10041-H—Model JT-30-TT Crystal Microphone. Wide range, semi-directional. Response 30 to 6000 c.p.s. High impedance output at -52 db. Finished in opalescent-gray and chrome. 7 ft. attached cable. **\$970**
YOUR PRICE

D10042-H—Model JT-31-TT. Same as model JT-30-TT above except furnished with cable connector and 25' cable. **\$1117**
YOUR PRICE

Above microphones for 5/8"-27 thread stands.

SHURE MICROPHONES



Microphones feature appealing modern design and excellent performance. Dynamic microphones are very rugged and practically unaffected by climatic conditions. Ideal for severe indoor or outdoor use. Smooth frequency response. Wide pickup angle at front and dead at rear, solves feedback problems. Tilting head (except E) for variable directional pickup. Detachable cable connector. Rich satin chrome finish. All types have high impedance output and fit 5/8"-27 thread stands.

D10016-A—Model 708A "Stratoliner" Crystal Microphone. Output -50Db. **\$1029**
YOUR PRICE, With 7 Ft. cable.....

D10018-A—Model 508C "Stratoliner" Dynamic Microphone. Output -60 Db. **\$1617**
YOUR PRICE, With 25 Ft. cable.....

D10010-B—Model 705A "Rocket" Crystal Microphone. Response 30 to 10000 c.p.s. Output -58 Db. 25 Ft. cable. **\$1470**
YOUR PRICE

D10019-C—Model 55C "Unidyne" Cardoid Dynamic Microphone. Response 40 to 10000 c.p.s. Output -56 Db. 25 Ft. cable. **\$2646**
YOUR PRICE

D10011-D—Model 730A "Uniplax" Cardoid Crystal Microphone. Sensitive at front and deaf at rear. Response 30 to 10000 c.p.s. Output -63 Db. 25 Ft. cable. **\$1911**
YOUR PRICE

D10020-E—Model 70H "Super Level" Crystal Microphone. Has wide response and high output level of -17.5 Db. 7 Ft. cable. **\$1323**
YOUR PRICE

D10023-F—Model 700D "Ultra" Crystal Microphone. Has wide response of 30 to 10000 c.p.s. Output -58 Db. 25 Ft. cable. **\$1470**
YOUR PRICE

D10021-G—Model 707A Crystal Microphone. An exceptional value! Smooth response. High impedance output at -50 Db. Iridescent gray finish with chrome grille. 7 Ft. attached cable. Fits 5/8"-27 stand. **\$585**
YOUR PRICE

D10022-G—Model 500C Dynamic Microphone. As above. Output -63 Db. **\$1029**
YOUR PRICE

D10033-H—Model 750B Crystal Hand Microphone. Compact and light weight. Iridescent gray finished with chrome trim. Excellent response. High impedance output at -50Db. Built-in on-off switch. 7 Ft. cable. **\$1323**
YOUR PRICE

D10026-I—Model 717A Crystal Hand Microphone. Light weight brown plastic case. Excellent response. Output -50 Db. **\$585**
YOUR PRICE, With 7 Ft. cable

ELECTRO-VOICE



D10027—Model 725 Cardak Dynamic microphone. Response 30 to 10,000 c.p.s. Output -52 db. On-off switch. Chrome finished. **\$2911**
YOUR PRICE

D9987—Model 612C Dynamic Microphone with on-off switch and tilting head. Response 40 to 9000 c.p.s. Output -56db. Gun-metal. **\$1353**
YOUR PRICE

D9988—612C. Chrome. **\$14.70**

D9989—Model 630G Dynamic Microphone similar to Model 612. On-off switch and tilt head. Response 40 to 10,000 c.p.s. Output -55 Db. Gun-metal finish. **\$1470**
YOUR PRICE

D9990—630C. Chrome. **\$16.17**

D9991—Model 640G Dynamic Microphone with tilting head. Response 30 to 10,000 c.p.s. Output -52 Db. Gun-metal finish. **\$1617**
YOUR PRICE

D9992—640C. Chrome. **\$17.64**

D9993—Model 605G Dynamic Microphone. Has fixed head. Response 45 to 8000 c.p.s. Output -58 Db. Gun-metal finished case. **\$1058**
YOUR PRICE

D9994—605C. Chrome. **\$11.17**

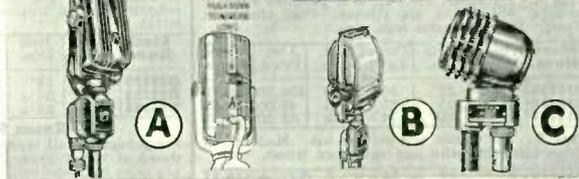
D10049—Model V1 Velocity Microphone with switch and tilting head. Response 40 to 10,000 c.p.s. High impedance output at -65 db. Compact gun-metal finished case with chrome screen. **\$1470**
YOUR PRICE

D10043—Model V2. Same as V1 but larger. Response 35 to 11,000 c.p.s. **\$20.58**
YOUR PRICE

D9995—Model V3. Same as V2 but with variable output at 50, 200, 500 ohms or high impedance. **\$2940**
YOUR PRICE

All Electro-Voice Microphones include 20 ft. cable with connector. fit 5/8"-27 stands and have high impd. output.

AMPERITE



Type A and B Velocity Microphones feature acoustic compensator that increases the high or low frequencies by a mere flip of the finger. Makes microphone suitable for either close or distant pickup and for various room acoustic conditions. Type C Anti-feedback Dynamic is very rugged and practically unaffected by climatic conditions. All models except RAL and RAL have on-off switch and detachable cable connector. All have tilting head for variable directional pickup and 5/8"-27 thread stand fitting. Available in either chrome or gun-metal finish. *High impedance for grid connection.

Stock No.	Chr.	Gun/m'l	Type	Model Num.	Output Imped.	Db.	Response c.p.s.	Cable Lgth.	Price Each
D10009	D10056		A	RSHK	*2000	-08	(60 to 12000)	12 ft.	\$18.82
D10008	D10055		A	RBSK	200	-08	8000	12	
D10007	D10058		A	RBHK	*2000	-65	40 to 11000	25	\$24.70
D10006	D10057		A	RBMK	200	-65		25	
D10104	D10061		B	RAH	*2000	-68	(60 to 12000)	12	\$12.94
D10102	D10108		B	RAL	200	-68	7500	8	
D10067	D10109		B	SR80Hm	*2000	-56	40 to 15000	25	\$47.04
D10066	D10110		B	SR80	200	-56		25	
D10103	None	C	C	PGAH	*High	-57	(70 to 12000)	12	\$14.70
D10105	None	C	C	PGAL	200	-57	8000	12	
D10106	None	C	C	PGH	*High	-55	40 to 15000	25	\$18.82
D10107	None	C	C	PGL	200	-55		25	

KEYSTONE QUALITY MICROPHONES

A Microphone for Every Public Address Requirement

Low in Cost—High in Performance

The microphones listed below have been selected on the basis of quality and utility and will fulfill the requirements of your public address jobs. All are made by well known standard microphone manufacturers and are same quality as microphones ordinarily sold at considerably higher prices. All microphones fit standard $\frac{1}{8}$ "-27 thread microphone stands and are equipped with detachable cable connectors. All units except D10045 Dynamic have a high impedance output for direct connection to tube grid of amplifier. Type D10045 is recommended where long microphone cables are necessary or microphone must operate under noisy line conditions.



A—Dynamic Mike

Extremely rugged construction. Smooth high level semi-directional response. Tilting head. Range of 50 to 9000 c.p.s. Purposely not flat to avoid better intelligibility under poor acoustical conditions. Output—54 db. No blasting under close talking conditions. Not affected by wind when used outdoors. Case attractively finished in pearl urea. Complete with 25 ft. cable and connector.

D10038—High Impedance Output

YOUR PRICE **\$9.95**

D10045—Low Impedance (50 Ohms) Output Dynamic.

YOUR PRICE **\$9.50**

B—Anti-Feedback Mike

A new directional crystal microphone. For use wherever feedback has been a problem. Can be operated close to speakers, in low ceiling rooms, in front of noisy crowds. Ideal for rental sound systems which must work under various adverse acoustics. High level—58 db. allows use of cables up to 50 ft. Flat response from 30 to 10,000 c.p.s. with no peaks. Moisture-proof crystal with barometric compensator. 90° tilting head permits aiming at sound to be picked up. Finished in polished chrome.

D10046—Complete with 25 ft. cable and connector.

YOUR PRICE **\$10.95**

C—Crystal Mike

Broadest quality and streamline appearance at new low cost. Here is a mike that will give you excellent all-purpose performance with truly high grade professional appearance of higher priced models. High impedance output. Range 30 to 8000 c.p.s. with no peaks to cause feedback. Crystal cushion mounted. Output—52 DB. Semi-directional pick-up. Will not blast. Not affected by wind when used outdoors. Streamlined case beautifully chrome finished.

D10036—Complete with 25 ft. cable and connector

YOUR PRICE **\$6.25**

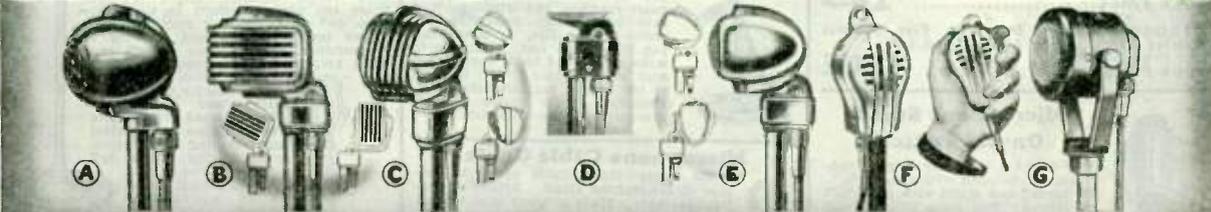
D—Velocity Mike

Particularly desirable for use where high-fidelity hum free pickup for public address, recording or radio broadcast is required. Has narrow pickup arc of approximately 90°. Built-in on-off switch. Response essentially flat with slight accentuation of lows. High impedance output. May be used with most any amplifier having 4 stages or more. Cast metal case in grey wrinkle finish. Shockproof swivel mounting. Fits $\frac{1}{8}$ "-27 stands.

D10039—Complete with 25 ft. cable and connector

YOUR PRICE **\$10.25**

TURNER CRYSTAL AND DYNAMIC MICROPHONES



D10068—A—Model CX Crystal Microphone. Fine quality, low priced and dependable. Suitable for all P.A. recording and ham use. Remarkably free from feedback and will not blast from close talking. High impedance output at—52 db. Freq. range 30 to 1000 c.p.s. Rich brushed chrome finish. Fits $\frac{1}{8}$ "-27 thread stands. 7 Ft. cable with detachable connector included.

YOUR PRICE **\$8.82**

D10069—A—Model CD Dynamic. Same as above except has a more rugged high impedance output dynamic unit.

YOUR PRICE **\$9.70**

D10095—B—Model 44X Crystal Microphone. 10° Tilting head provides directional and non-directional pick-up. Freq. range 30 to 10,000 p.s. High impedance output at—58 db. Rich satin chrome finish. Fits $\frac{1}{8}$ "-27 thread. 25 Ft. cable with detachable connector included.

YOUR PRICE **\$16.17**

D10096—B—Model 44X with switch D.

YOUR PRICE **\$17.35**

D10070—C—Model 33X Crystal Microphone. 90° Tilting head provides semi or non-directional pick-up. High impedance output at—52 db. Freq. range 30 to 10,000 c.p.s. Satin chrome finish. Fits $\frac{1}{8}$ "-27 thread stands. 25 Ft. cable with connector included.

YOUR PRICE **\$13.23**

D10071—C—33X with switch D.

PRICE **\$14.41**

D10077—C—Model 33D Dynamic. As above but has range 40 to 8,500 c.p.s.

YOUR PRICE **\$14.70**

D10078—C—33D with switch D.

PRICE **\$15.88**

D10091—E—Model 22X Crystal Microphone. Has all features of above Model 33X but with freq. range of 30 to 7000 c.p.s.

YOUR PRICE **\$10.58**

D10097—E—22X with switch D.

PRICE **\$11.76**

D10092—E—Model 22D Dynamic. As above but has range 40 to 8,000 c.p.s.

YOUR PRICE **\$12.64**

D10098—E—22D with switch D.

PRICE **\$13.82**

D10062—F—Han-D Crystal Microphone. Fills the job of two mikes. Has built-in suspension hook for hanging, can be held snugly in your hand or mounted on a $\frac{1}{8}$ "-27 thread banquet or floor stand. High impedance output at—48 db. Freq. range 60 to 7,000 c.p.s. Built-in on/off slide switch. Rich brushed chrome finish. 7 Ft. cable and detachable connector included.

YOUR PRICE **\$13.23**

D10063—F—Han-D Dynamic Microphone. Same as above except with a rugged high impedance output dynamic unit.

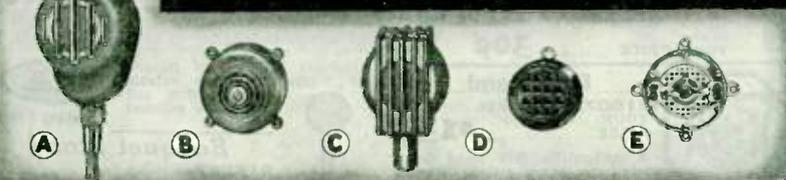
YOUR PRICE **\$14.70**

D10075—G—Model 88 Dynamic Microphone. Tilting head provides semi or non-directional pick-up. Has crisp natural reproduction. Wind and blast proof. No "boomy" response. Weighted frequency response, 40 to 9,000 c.p.s. High impedance output at—54 db. Chrome finished. Fits $\frac{1}{8}$ "-27 thread stands. 25 Ft. cable with detachable connector included.

YOUR PRICE **\$14.70**

Literature will be sent on above Turner microphones on request. We can make quick shipment on other models not listed.

CARBON MICROPHONES



B—Radolek Ring Model

D10037—Fine quality double button carbon microphone, carefully selected after exhaustive tests. 20 frills, just real microphone quality priced very low. 24 kt. gold button contacts. Response 50-1500 p.s. 200 Ohms per button, total 400 ohms. Faithfully reproduces voice and music. Not to be confused with toy microphones selling at same price, this is a well assembled instrument for long trouble-free service. 2 1/2" Dia., 1/2" thick. Gun metal finish.

YOUR PRICE **\$2.94**

C—Radolek Stand Type

D10034—A streamlined stand type carbon mike that looks and performs like the more expensive crystal models. Sensitivity can be adjusted over a wide range for close talking or for minimum feedback to full orchestral pickup. The high output makes it especially suitable for use with the audio amplifier of a radio receiver or low gain P.A. amplifier. Shockproof, mounted in a handsome moulded, gunmetal finished metal case. Fits stands with standard $\frac{1}{8}$ "-27 threads.

YOUR PRICE **\$4.41**

A—Electro-Voice Model 202

D10028—Single button carbon hand microphone. Has built in suspension hook for hanging or can be held conveniently in the palm of your hand. Speech is crisp, clean and blast proof. Push-to-talk switch is right at your thumb. Has 6 ft rubber covered shielded cable. Ideal for amateur use and P.A.

YOUR PRICE **\$7.35**

D—Universal Model W

D10032—Watch Model. A compact single button carbon microphone. Only 1 1/4" in dia., 1/4" thick. Highly sensitive. Has pure gold spot center diaphragm. Ideal for detective work.

YOUR PRICE **\$1.76**

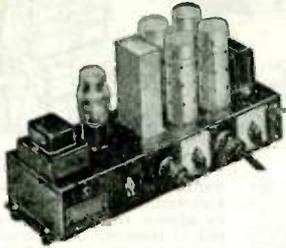
E—Universal Model XX

D10030—Double Button Carbon Microphone for ring mounting. One of the finest carbon mikes made. Truly faithful and natural tone. Freq. range 40 to 6000 c.p.s. Pure gold contacts. Duralumin stretched diaphragm. Ruggedly built for long service. 2 1/2" Dia., 1" thick. 200 Ohms per button.

YOUR PRICE **\$5.88**

MICROPHONE ACCESSORIES *and* STANDS

Dual Channel Microphone Pre-Amplifiers



These Radolek Pre-Amplifiers, when coupled to your amplifier will supply the additional gain (65 D.B.) that is needed to utilize the advantages of Crystal, Velocity or Dynamic mikes. Compact in size. Single unit construction. High impedance microphones can be connected without use of coupling transformers. Plug-in outputs and inputs. Output has 500 and 200 ohm taps for line connections and high impedance tap for direct connection. All tube noises, AC hum, motorboating and oscillation troubles have been eliminated. Size: 7 1/2 x 5 1/2 x 1 1/2". Two input channels. 5 Tubes. Two microphones or one microphone and phono can be used at the same time and mixed or faded in any proportion. Operates on 105-120 Volt, 50-60 Cycle AC.

C15065—Factory Wired. Laboratory Tested. Instructions included. As described. Less Tubes. List Price, \$44.00.
YOUR PRICE..... \$19⁹⁵

C15066—As above but With Five Sylvania Matched Tubes. 2-75's, 2-6D6's, and 1-80. List Price, \$49.30.
YOUR PRICE..... \$21⁷⁷

Microphone Stand On-Off Switch



May be used with any type of microphone equipped with female 3/8"-27 thread and stand with male 3/8"-27 thread. Two holes in back with strain relief clamp for mike cable. Chrome plated.

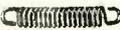
D11085—With shorting slide switch.

D11086—With "push-to-talk" push button switch.
YOUR PRICE, Each..... 98¢

D11084—Similar to above except has rotary switch and cable receptacle for Amphenol MC 1F mike cable plug.
YOUR PRICE..... \$2³⁵



Microphone Springs



Loop ends. Tempered spring steel. Heavy cadmium plated finish to prevent rusting.
K10074—Eight for..... 15¢

Carbon Granules



Carefully selected and highly polished. Acid treated to reduce ash content. Will stand higher current without burning. Vial contains sufficient granules to repack two double-tube carbon microphones.

K10082—Size No. 100. Higher sensitivity and higher background noise. Provides best quality reproduction but packs easily.

K10083—Size No. 80. Best general purpose granules. Lower hiss, good quality reproduction and does not pack easily.

K10084—Size No. 60. Best for sound trucks and hard usage. Low hiss, more freedom from packing, fair quality reproduction.
List Price Per Vial, \$1.00.
YOUR PRICE..... 40¢

Ribbons for Velocity Microphones

Will fit practically any Ribbon-Velocity Mike including Amperite, Bruno, RCA, Universal, Electro Voice, etc. Tempered to give extreme strength. .0023" thick.
A9977—3"x3".
A9978—3"x2".

YOUR PRICE, EACH..... 45¢

Duralumin Diaphragms

For Carbon Microphones. Size 4"x4"x.002".
C10081—
YOUR PRICE..... 50¢

Brunswick-Vocalion Double Faced Record Assortment



An outstanding value!

These new record assortments contain popular hits announced up to January 1939. All electric recordings of principally dance music by many famous artists and band leaders. Records are Genuine Brunswick-Vocalions electrically cut with recordings on both sides. 10" Diameter. Packed in separate envelopes. Guaranteed perfect! All brand new—never been used. No factory rejects or seconds are supplied. Suitable for all P.A. and record playing purposes. It will not be possible for us to state exactly what numbers are included in each assortment. Duplication between assortments is at a very low percentage so order any quantity.

10 Record Assortment
B15395
YOUR PRICE, ONLY..... \$1.19

25 Record Assortment
B15394
YOUR PRICE, ONLY..... \$2.38

Cable Rack



Fits Any Mike Stand
C15265—Rack only—no stand. List, \$1.25.
YOUR PRICE..... 74¢

Ten for \$6.75
A new, convenient method of storing microphone cable that eliminates tangling and tripping. Will save you enough money in increased cable life, to more than pay for its low cost. Snaps on to mike stand, and holds secure even with a heavy load. Will hold up to 100 feet of regular mike cable. Phosphor bronze spring clamps. Smooth black enamel finish.

Microphone Cable Guide



Cable Guide—Holds Cable neatly to outside of Microphone stand. Attach to tubing near base. Made of black gum rubber. Can be stretched to pass over obstacles.
D12266—For 1/4" or 3/8" diameter tubing stands. List, 35¢.
YOUR PRICE..... 21¢

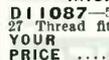
Third Hand Holds the Mike



C9971—
YOUR PRICE..... \$1.45

If you announce sports events, drive a sound equipped automobile, operate a transmitter or need both hands free while talking over a microphone, the Third Hand holds the mike close to your mouth, yet keeps it out of your line of vision. Slips over your head, is comfortable. Weighs only 12 oz. Less mike. Flexible goose neck allows adjustment of microphone to any position. Fits any standard microphone having 3/8" 27 thread female mounting.

Microphone Handle



D11087—5" Light weight handle. 3/8"—27 Thread fitting. Gun-metal gray.
YOUR PRICE..... 30¢

Suspension Yoke



D11088—Two hole suspension yoke for any mike with 3/8"—27 thread fitting. Gray wrinkle finish.
YOUR PRICE..... 30¢

Desk Stand



R10073—List, \$2.24.
YOUR PRICE..... \$1.32

A modernistic desk stand finished in black crackle. Octagon shaped ring is 3/4" inches in diameter. Will mount practically any carbon microphone. Heavily weighted 5" dia. base prevents stand from tipping. Overall height 9" 3 microphone springs included.

Suspension Ring

D10072—Similar to above except with loop for suspending mike from ceiling. With 8 mike springs. No base included.
YOUR PRICE..... 88¢

Radolek Special Microphone Stands Best Quality—Best Values

Our Finest Floor Model



K15260—List Price, \$17.50.
YOUR PRICE..... \$8⁷⁰

The finest in workmanship and quality of materials. Attractive modernistic design. Particularly suited for High Class Broadcast and Public Address installations. Fourteen pound Cast Base 12" diameter finished in Baked Black enamel. Rigid seamless brass two piece standard is adjustable from 40" to 72". Lower section 1 1/4" Dia. New friction clutch allows instant raising and lowering of microphones. Clutch keeps smooth constant pressure which prevents collapsing of stand even with the heaviest velocity microphone. Standard finished in triple plate highly polished chrome. Comes with swivel joint coupling for microphones having either 1/4" pipe thread or 3/8" 27 thread fitting. No Ring or Microphone Included.

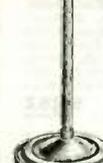
De Luxe Floor Stand



K15261—
List, \$10.00.
YOUR PRICE..... \$4⁵⁵

A neat and attractive floor stand built for convenience and hard usage. Nine pound 10 1/4" diameter cast base makes stand very rigid. Seamless brass spinning covers casting. Rigid seamless brass two piece standard is adjustable from 40" to 68". New friction clutch allows instant raising and lowering of microphone. Clutch keeps smooth constant pressure which prevents collapsing of stand even with the heaviest velocity microphone. Entire stand finished in highly polished triple plate chrome. Comes with Swivel Joint coupling for microphones having either 1/4" pipe thread or 3/8" 27 thread fitting. No ring or microphone included.

Standard Floor Stand



K15262—List, \$8.50.
YOUR PRICE..... \$3⁵⁵

Identical construction to above stand except base is only 8 1/2 lbs. Stand includes swivel joint with coupling for microphones having either 1/4" pipe thread or 3/8" 27 thread fitting. No Ring or Microphone Included.

Portable Floor Stand



R15266—
List, \$10.00.
YOUR PRICE..... \$4⁹⁵

Attractive floor stand similar in mechanical construction to above stands. Particularly designed for use with portable P.A. systems. Easily and quickly detachable into four pieces. (9" base and three 17" sections). Easy section is inside threaded to form a smooth surfaced, rigid stem. No bulky and unsightly external couplings are used. Various number of sections can be used to make mike stand adjustable from 20" to 34", 37" to 51" or 54" to 68" fits microphones with 3/8" 27 thread. Base finished in black wrinkle enamel. Stem and clutch are polished chrome.

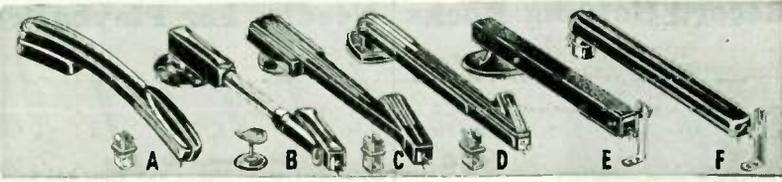
Banquet Stand



R15267—
List, \$2.50.
YOUR PRICE..... 88¢

A very attractive banquet stand. Suited for all public address and amateur purposes. Height without microphone 19". Heavy cast metal base has 3 feet which allows cord to come out at bottom. Base is black crackle finish, stem of highly polished chrome. Thread fits microphones or rings having 3/8" 27 thread. No ring or microphone included. Weight 3 lbs.

Crystal and Magnetic Phono Pickups



Astatic Crystal Phonograph Pickups

9466—TYPE A. Model FP18. Modern low pressure pickup with permanently attached sapphire stylus. Eliminates needle changing. Stylus protected against damage. Low stylus pressure of 0.5 oz. and reduced torque of wire coupling vibrating system greatly prolongs record life. Freq. range 10 to 7000 c.p.s. High impedance output at 0.85 volts. Plays up to 2" records. True tracking arm in statury brown finish. **\$970**
OUR PRICE

9467—TYPE A. Model FP38. As above except has freq. range of 0 to 10,000 c.p.s. with 0.65 volts output. **\$970**
OUR PRICE

9468—TYPE A. Model FL58. As above in appearance but has pressure of 2 oz. Freq. range 30 to 6500 c.p.s. Output 1.25 volts. Astatic replaceable type T7 needle suitable for 500 playings is recommended. **\$794**
OUR PRICE

9469—FT Needle. Each 59c

9364—TYPE B—Model B-10. Provides full bass note and high fidelity reproduction. True tracking head design. Ball bearing swivel base. Finished in black and chrome. High impedance output at 2.5 volts. Needle pressure 2 3/4 oz. Plays up to 12" records. **\$1029**
YOUR PRICE

9365—TYPE B—Model B-16. As above but plays up to 16" records. **\$1323**
YOUR PRICE

9369—TYPE C—Model AB8. High performance crystal housed in die cast true tracking arm. Statury brown finish. Plays up to 12" records. **\$588**
YOUR PRICE

9347—TYPE D—Model 0-7. Has short mounting centers of 7". High performance crystal cartridge has 2.9 volts output. True tracking arm finished in black and chrome. Plays up to 12" records. **\$382**
YOUR PRICE

9348—TYPE D. Model D9. Compact low cost high performance pickup. Finished in statury brown with single hole mounting bracket. Output 1.4 volts. Mtg. ctrs. 7". Plays up to 12" records. **\$291**
YOUR PRICE

9362—TYPE D—Model S-8. Popular pick-up with improved features. Axial cushioning reduces motor noise pick-up. High quality performance crystal with 2.5 volts output. Black wrinkle finished arm. Plays up to 12" records. **\$588**
PRICE

9363—TYPE D—Model S-12. As above but plays up to 16" records. **\$735**
YOUR PRICE

9470—TYPE F. Model SL-8. Straight die cast arm pick-up in statury brown finish. Recommended for playback of lightly cut home recordings up to 12". Mtg. ctrs. 7 or 8". Needle pressure 2 3/4 oz. Output 1.4 volts. **\$291**
YOUR PRICE

Audak Magnetic Pickups



Model AT-10

C9372—A scientifically designed, streamlined magnetic type phonograph pickup featuring exceptionally light needle pressure, wide range frequency response, off set head and ball bearings. High impedance output. Will play up to 12" records. Attractive black and silver finish. **\$4.70**
YOUR PRICE

D9373—Model AT-12. Same as above but with a wider range frequency response. **\$735**
YOUR PRICE

Microdyne Model D24E

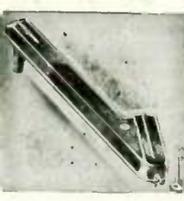
C9374—The new Microdyne magnetic pickup is designed to get the most out of modern phonograph records by boosting the bass response and leveling out the highs. Frequency response is flat within ±3 Db to 7000 C.P.S. with a rising bass characteristic reaching about +12 Db at 50 c.p.s. Needle pressure of 2 3/4 oz. prolongs record life. Appearance and other features as above. **\$1088**
YOUR PRICE

D9492—Model D28E. As above but for playing records up to 16". **\$1735**
YOUR PRICE

Microdyne Model D31E

D9493—Similar to model D24E in appearance and construction but with superior performance characteristics and lower needle pressure. Flat within ± 2 1/2 Db to 7500 c.p.s. **\$1441**
YOUR PRICE

Webster Crystal Pickups



A high impedance output crystal pick-up that features wide appeal and possesses excellent electrical and mechanical characteristics. Interlocking bearing system prevents displacement or crystal fracture by accidental pressure or blows on needle screw. Rubber cushioned true-tracking metal arm assembly with single hole mount.

Plays up to 12" records. Finished in brown wrinkle enamel. Output 1.8 volts.

9471—Model GX80A3D. Needle pressure 2 1/2 z. Freq. response 50 to 7000 c.p.s. **\$291**
OUR PRICE

9472—Model X82A3D. Needle pressure of 2 z. Freq. response 40 to 8500 c.p.s. **\$323**
OUR PRICE

With Sapphire Needle

9473—Model X82AND. Has high needle point compliance cartridge with replaceable sapphire point needle, good for many thousand playings. Output 1.5 volts. Needle pressure 1 oz. Response 30 to 7000 c.p.s. **\$397**
OUR PRICE

RCA Crystal Pickups



High fidelity crystal pickups. Flat frequency response from 70 to 7,000 c.p.s. High impedance output at 1.5 volts. Plays up to 12" records. True tracking tangent arm design.

D9375—Type A—RCA Pt. 9868. Brown bakelite arm. Needle pressure 2.7 oz. **\$320**
YOUR PRICE

D9376—Type B—RCA Pt. 9869. Top needle loading. Brown wrinkle finished metal arm. Needle pressure 3 oz. **\$379**
YOUR PRICE

D9377—Combination Needle Box and Pickup Ref. For RCA 9869 pickup only. **\$59c**
YOUR PRICE

D9378—Type C—RCA Pt. 9891. Fine quality low priced pick-up. Brown wrinkle finished arm. Needle pressure 2.7 oz. **\$291**
YOUR PRICE

Special Value Pickups



B9339—Crystal Pickup **\$2.45**
B9367—Magnetic Pickup
YOUR PRICE, Either Type

Reproduce recorded music with exceptional clarity, depth and fullness of tone. Both pickups have high impedance outputs for direct tube grid connection. Play records up to 12". Ship. wt., 1 lbs. **B9339** —Uses Brush Licensed Crystal mounted in special offset arm to reduce tracking error and record wear. Accurately balanced arm with full floating, rubber cushioned pivot bearing. Wide range frequency response. **B9367**—Has alnico steel magnet assuring full performance and long life.

Replacement Crystal Cartridges

For Astatic, Webster, Shure, RCA and other crystal pickups having a needle pressure of 2 to 3 oz. *For 1/2 oz. pick-ups.

Type A. Bakelite case, size 3/8"x2 1/4" long. Mtg. hole ctrs. 1 1/8"x3"

D13100—Lug term. For Webster X81C, Astatic 88, Shure 914. **\$3.53**
YOUR PRICE

D13105—Screw terminals. Used in Astatic A138 and 812. **\$2.94**
YOUR PRICE

D13106—3" Wire lead term. **\$2.94**
YOUR PRICE

D13107—Pin term. **\$2.94**
YOUR PRICE

D13108—Screw terminals. For Astatic B10 and B16. **\$3.53**
YOUR PRICE

D13101—B. For Webster X82CM; Astatic ALS, D9, SL8. **\$2.32**
YOUR PRICE

D13109*—B. For Webster X82CH; Astat. FL53. **\$3.53**
YOUR PRICE

D13102*—B. With sapphire point needle. For Webster X82CH, X82CM. **\$3.06**
YOUR PRICE

D13115—C. Has "needle tilt." For Shure 94, 99, 910. **\$2.35**
YOUR PRICE

D13103—D. Replaces Webster X70C, X80C. **\$2.12**
YOUR PRICE

D13110—E. For Astatic 07. **\$2.94**
YOUR PRICE

D13111*—F. With built-in sapphire stylus. For Astatic FP18 and FP38. **\$4.70**
YOUR PRICE

D13120—G. RCA Pt. 8150 for #9842 pick-up. **\$2.25**
YOUR PRICE

D13121—H. RCA Pt. 33217 for #9891 pick-up. **\$2.25**
YOUR PRICE

D13122—H. RCA Pt. 33122 for #9868. **\$2.25**
YOUR PRICE

D13123—H. RCA Pt. 33905 for #9869 pick-up. **\$2.55**
YOUR PRICE

Brush Crystal Pickups



Low Pressure Type With Permanent Sapphire Stylus

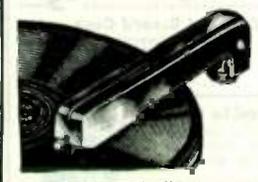
D9371—Model PL-50 **\$44.10**
YOUR PRICE

New high fidelity crystal pickup with permanently attached sapphire stylus. Needle pressure 1/4 oz. reduces no measurable wear on recordings. 15,000 satisfactory playings of 10" discs possible. Stylus protected against injury. Freq. response ± 1 1/2 Db. om 30 to 10,000 c.p.s. Output 0.18 volts. Supplied with high impedance frequency equalizer. Gold black bakelite tangent 1 1/2" arm with satin chrome finished metal pivot assembly. Adjustable or various turntable heights. Plays up to 16" records.

9409—Model PL-20. Same as above except has 1/2 oz. sapphire pressure. Sapphire suitable for 5000 satisfactory playings of 10" discs. Output 2 volts. freq. response ± 2 1/2 Db. up to 6000 c.p.s. Taupe colored bakelite arm with antique bronze finished metal parts. High impedance frequency equalizer included. **\$2205**
OUR PRICE

9429—Model PL-25. Uses same cartridge as L-20 but has 10 1/2" arm of less expensive design. plays up to 12" records. Less equalizer. **\$1617**
OUR PRICE

Shure Crystal Pickups



Model 94A D9434— **\$291**
YOUR PRICE

Compact design for mounting in limited space. Plays up to 12" records. Needle tilted for true tangent arm. Output 2 1/4 z. *Output 2 3/4 z.

gent tracking. Needle pressure 2 3/4 oz. Single hole mounting rubber cushioned pivot bearing assembly. 8" Long cast arm with wood tone finish.

SHURE "ZEPHYR"

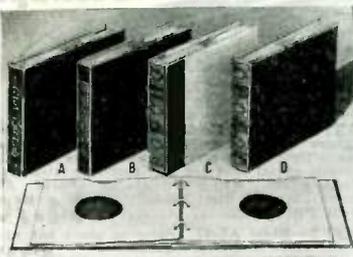
Modernistic molded bakelite arm crystal pick-up. Flat response 50 to 7000 c.p.s. High impedance output at 2 1/4 volts. Needle pressure 2 3/4 oz. Plays up to 12" records.

With streamlined mounting base
D9457—Model 99CW—Walnut } PRICE \$441
D9368—Model 99C—Black } EACH..

With single hole mounting base
D9458—Model 98AW—Walnut } PRICE \$382
D9463—Model 98A—Black } EACH..

PHONOGRAPH ACCESSORIES

Record Albums For 10" and 12" Records



Attractive albums for conveniently storing records. Opens flat. Loose-leaf design permits quick accessibility to records and enables them to remain in pocket until ready to be played when removed from the album. Pockets have reinforced metal eyelets. Each album has a capacity of 12 records. **Style A.** Rich wine colored cover with alligator grain matching marooned colored cloth end. A most attractive low priced album.

Stock Number	Record Size	YOUR PRICE EACH	
D14900	10"	39c	37c
D14901	12"	49c	46c

Style B. Completely covered in leatherette cloth. Extremely durable.

D14902	Blue 10"	55c	49c
D14903	Russet 10"		
D14904	Maroon 10"	66c	59c
D14905	Blue 12"		
D14906	Russet 12"		
D14907	Maroon 12"		

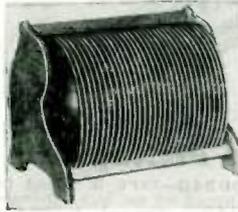
Style C. Cork-grain cover with ends of brown swirl cloth bearing gold stamped design. A credit to any record library.

D14908	10"	65c	62c
D14909	12"	75c	75c

Style D. A deluxe aristocratic album. Full cloth bound in brown swirl design with padded covers and fine gold stamped, rounded metal reinforced binder.

D14910	10"	90c	86c
D14911	12"	\$1.10	\$1.05

Record Holding Racks



Holds Thirty 10" Records

D14914
YOUR PRICE
65c

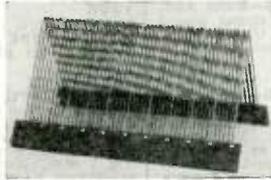
A practical inexpensive record holder having provisions for storing up to 30 10" records. Each record division is numbered. Index cards included. Walnut finished end pieces. Size 13x10x1 1/2". Shipped knocked-down, easy to assemble.

Holds Fifty 10" or 12" Records
D14912—Somewhat similar to above in appearance but holds up to 50 10" or 12" records.
YOUR PRICE **97c**

Wire Record Rack

Holds Up to Fifty 10" or 12" Records

D14913
YOUR PRICE
95c



A new handy wire rack at a sensible price. Securely and conveniently holds up to fifty 10" or 12" records. Heavy steel wires are covered with cotton fabric. Wood bases are covered with a fine quality brown Spanish Du-Pont fabrikoid. Numbered every five divisions.

Record Carrying Case

All-Metal Holds Up to 65

10" Records
D15848—
Size 10 1/2 x 10 3/4 x 6 1/4".
YOUR PRICE
\$3.25



Just the thing to carry popular recordings with portable sound equipment. Also serves as an ideal storage case for surplus records. All steel exceptionally sturdy construction finished in black crackle enamel. Cloth lined for protection to records. Hinged cover and front panel. Strong double snap lock fasteners.

D15849—As above but holds up to 85 10" records. Size 10 1/2 x 10 3/4 x 9 1/4".
YOUR PRICE **\$3.50**

Fabrikoid Covered Record Case

D15857—Sturdy Fabrikoid covered wood carrying case. Holds 50 10" records. Ideal for portable sound systems.
YOUR PRICE **\$1.95**

Bakelite Needle Cup

Brown mottled bakelite needle cup with removable cover. Can be used with or without cover. Mounts in 1 1/4" hole.
D9309—
Ten for 55c. Each ... **6c**



Metal Needle Cup

May be bolted onto motorboard or mounted in 1 1/4" hole. Spring hinged cover. Overall size 1 1/2" dia. x 1 1/2" high. Holds approximately 100 needles.
D9303—
YOUR PRICE **8c**



Phono Pickup Scratch Filter

D9340—
YOUR PRICE **79c**

For use with crystal pickups. Tuned to point of greatest scratch intensity. Sealed against atmospheric changes.



Needles For Playback



For Manual Play Only

D9394—Type A—Genuine RCA Victor Full Tone needle. For commercial records.
10 Pkgs. for 75c. Per Pkg. of 100..... **10c**

D14100—Type B—Genuine RCA Victor Red Seal Needles for playing Red Seal records.
10 Pkgs. for \$1.85. Per Pkg. of 50..... **20c**

D14101—Type C—Trailing shoe-needle for playing acetate recordings with heavy acoustic or electric pickups weighing 2 1/2 oz. or more. Plays approx. 25 records perfectly.
YOUR PRICE, Per Pkg. of 100..... **63c**

D9304—Type D—Actone Green Shank Transcription Type. Tested under magnification of 200 times to assure perfection. Plays 5 pressed records without change.
YOUR PRICE, Per Pkg. of 100..... **38c**

D9307—Type D—Actone Red Shank Type. Perfectly formed and tested as above Type D. Excellent for playi g acetate discs.
YOUR PRICE, Per Pkg. of 100..... **38c**

D14102—Type E—Hi-fidelity Transcription Needles for professional and home use. Shadow-tested. Fine enough to play the best acetate and commercial records in any studio. Famous for uniformity and hi-fidelity.
YOUR PRICE, Per Pkg. of 75..... **49c**

D9399—Type F—Bamboo Needles for playback of aluminum and commercial recordings.
YOUR PRICE, Per Pkg. of 100..... **54c**



Sapphire for Manual Play

Waco Sapphire Playback Needle. Tip is shaped to fit record groove. Will play approximately 2,000 commercial records and 5,000 acetate recording discs without injury.

D14103—Type H—Bent Shank type for pickups having 2 1/2 oz. or more needle pressure.

D14104—Type C—Straight Shank type for new light weight crystal pickups.
YOUR PRICE, Either Type, Each **88c**

For Record Changer and Manual Play
D9301—Type I—Very quiet in operation with true, natural reproduction of voice and music. Plays 10 to 15 records without change.
YOUR PRICE, Pkg. of 30 Needles..... **23c**

D14105—Type J—Elden Classic. High grade inexpensive needle tipped with a preclous metal that minimizes wear and reduces surface noise. Gives 2,000 perfect playings.
YOUR PRICE, Each **29c**

D14106—Type K. Permo-Elliptical Point Needle with tip coated with osmium-iridium composition. Plays over 2,000 pressed records with excellent tone. Recommended for coin machines.

D14107—Type L. Permo-Fidelitone Needle as Type K but with round tip having wider frequency response and lower surface noise.
YOUR PRICE, Either Type, Each..... **50c**

Lots of 5, Each..... **45c**
D14108—Type M. Presto-Transcription Needle same as Type K but has excellent high fidelity response. Recommended for playback of acetate coated discs.
YOUR PRICE, Each **\$1.00**

Phonograph Adapters

Adapts any radio set for phonograph operation without changes in circuit wiring. For use with high impedance magnetic or crystal pickups. Includes 18" shielded leads and phono-radio switch that can be mounted anywhere. Instructions included.

D14115—A. With octal adapter. For radios using a 6116 2nd detector tube.

D14116—B. With 5 prong adapter. For radios using a 27, 37, 56, 76 etc. (tubes without grid cap) as detector or first audio.

D14117—C. With grid cap adapter. Fits both large and small grid caps. For sets having detector or first audio tubes with grid caps.

D14118—D. With octal adapter. For sets having 6C5, 6J5, etc. metal tubes without grid caps as first audio amplifier.
YOUR PRICE, Each **71c**



Record Album Cabinet



Holds Nine 10" or 12" Albums

D17600—Walnut Finished.
D17601—Mahogany Finished.
YOUR PRICE Either Type **\$8.75**

A fine, sturdily constructed cabinet that provides a quickly accessible storage space for your records. Designed

to hold up to nine 10" or 12" record albums of the type listed above or others not measuring over 2x14x13" high. Sectional dividers hold albums upright. Overall size 26" wide, 26" high and 16" deep. Fashioned of choice grained veneers and hardwood richly finished. Albums not included.

DeLuxe Album Cabinet



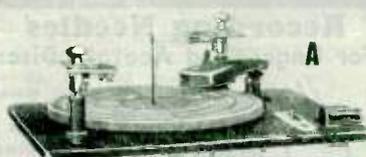
Holds Ten 10" or 12" Albums

D17602—Walnut Finished.
D17603—Mahogany Finished.
YOUR PRICE Either Type **\$9.95**

A beautifully constructed record album cabinet. Quality built throughout of choice grained veneers and

hardwood. Richly finished. Attractive carved legs and trim. Sectional dividers hold the albums upright. Cabinet holds up to ten 10" or 12" albums of the type listed above or others not measuring over 2x14x13" high. Albums not included.

AUTOMATIC PHONOGRAPH RECORD CHANGERS



A—RCA DeLuxe Changer

Compact—Efficient—Dependable
Plays Seven 12" or Eight 10" records automatically. Exceptionally efficient—practically fool-proof in operation. Rejects any undesired record at will. Includes new top loading crystal pickup with automatic needle ejector and receptacle. Pickup is 1½ volt output, wide range type, matches input of any public address amplifier or can be used in conjunction with practically any radio set. Compact, easily slipped into limited space. Ideal for replacing manually operated phonographs. Requires mounting space of only 14½" wide x 11½" long x 4½" under mtg. plate x 4¼" above mtg. plate. Operates on 110-120 volts, 60 cycle AC.

A15386—RCA DeLuxe Automatic Record Changer. List Price, \$34.95.
YOUR PRICE **\$20.55**



B—General Industries Changer

Plays Twelve 10" or Ten 12" records
Requires no more space for installation than most manually operated units. Plays twelve 10" or ten 12" records at 78 RPM. Fully enclosed direct drive motor. One lever to set for record size or manual operation. Any record may be rejected at will. Mechanism is positive—quiet in operation and will not jam or damage records in any way. Sturdy base-plate assures complete rigidity. Size: Base plate 18x14". Mechanism extends 5¼" above and 3¼" below.
D15364—G.I.—C120 Automatic Record Changer. Complete with true-tangent crystal pickup, and on-off switch. List Price, \$58.00.
YOUR PRICE **\$34.80**



C—Webster Standard Changer

Compact—Quiet—Jam Proof
Compact construction permits installation in same space usually required by manual units. Automatically plays ten 12" or twelve 10" records at 78 RPM. Push buttons for 10" to 12" changeover, record rejection and manual playing. Positive trip action insures changer operation as soon as needle reaches eccentric groove at end of record. Entire unit rubber mounted for noise-free operation. Grey wrinkle finish. Size: plate 14x14". Projects 5½" top and bottom. For 110 V. 60 cyc. AC.
D15389—Webster W5570 record changer with crystal pickup. List, \$34.50.
YOUR PRICE **\$20.29**

Webster DeLuxe Changer

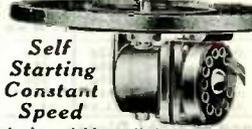
Plays up to 17 mixed 10" and 12" records.



D15373—Model 5590
List Price, \$55.00.
YOUR PRICE **\$32.34**

Finer construction, appearance and operation than Model W5570 above. Automatically plays up to 17 mixed ten and twelve inch records—at 78 RPM. Pickup balanced to 2 oz. needle pressure, minimizing record wear. Mechanism stops automatically after last record has been played. Heavy die-cast mounting plate. Hammered bronze enamel finish. Size, Mounting plate 13½x17¼". Mechanism 7½" above and 4¼" below plate. Ship wt. 30 lbs.

Special Value Motor



Self Starting Constant Speed

D15399
List, \$8.50.
YOUR PRICE, Each **\$3.95**

A dependable well built unit. Maintains uniform speed regardless of ordinary record drag or line fluctuation. Large, well oiled bearings and special helical cut laminated bakelite gears assure smooth silent operation and long life. For 105-120 volt, 60 cycle AC operation. Complete with 9" turntable, and mounting screws.

D15396—A dependable unit at a sensationally low price. Smooth-running friction rim drive eliminates gears. Motor is shock mounted to prevent vibration.
YOUR PRICE **\$2.45**

GENERAL INDUSTRIES PHONOGRAPH MOTORS



Self-Starting—Constant Speed

Low Cost—Light Weight—Compact. Have ample power to play 10" and 12" records. Fan cooled motors, designed to comply with Underwriters Lab. requirements. Can be installed in small cases without over-heating. Quiet in operation. For 110 Volt 60 cycle AC operation.

78 RPM Driven Types
Self-starting 78 RPM friction rim drive. Motor is rubber insulated from both mounting plate and turntable to insure quiet operation. Oil-less bronze bearings.

D15367—A—Model LX with 9" turntable and 2 pole motor. Depth from mounting plate to bottom, 2". List Price, \$4.65.
YOUR PRICE **\$2.79**

D15368—A—Model RX with 10" turntable and 4 pole motor. More powerful and smoother running than Model LX. Depth from mounting plate to bottom, 2¾". List Price, \$6.35.
YOUR PRICE **\$3.81**

Gear Driven Types

D15370—B—Model CX. 78 RPM. Extra dependable performance at exceptionally low cost. 12" turntable. Very quiet in operation. Powerful synchronous motor rubber insulated from turntable, minimizing motor rumble. Positive direct drive through silent, helical cut gears sealed in oil. Mounting hardware furnished. Depth from mounting plate to bottom, 3¼". List, \$9.55.
YOUR PRICE **\$5.73**

Governor Controlled Motors

D15369—C—Model A. 78 RPM. Centrifugal governor speed control provides a positive means of accurate maintenance of uniform speed even with fluctuating line voltages. Silent operation induction motor, rubber suspended from mounting plate, directly drives 12" turntable through helical gears. Motor dimension 6¼x3¼"—suspends 3" below baseboard. Mounting hole centers 3x3¼". Mounting hardware included. For 105-120 V. 60 cyc. AC operation. List Price, \$13.70.
YOUR PRICE **\$8.22**

D15365—C—Model D. Dual Speed 33½-78 RPM. 12" turntable. Overall dimension of motor 8¼x5¼". Suspends 3¼" below baseboard. Mounting hole centers 3¼x5¼". Otherwise same specifications as Model A above.
YOUR PRICE **\$10.86**

D15366—C—Dual Speed model with special weighted 12" turntable which is very essential to best reproduction of 33½ RPM records. Automatic stop switch included. Otherwise same specifications as Model D above.
List Price, \$20.60.
YOUR PRICE **\$12.36**

D15372—C—Model G. AC-DC-78 RPM. Same specifications as model A above except operates on 110 V. AC-DC line power.
List Price, \$20.45.
YOUR PRICE **\$12.27**

RCA RECORD PLAYERS - PHONOGRAPH RECORDS - RECORD RACK

RCA Record Player



A Compact, High Quality Portable Electric Phonograph suitable for use in conjunction with Radio Sets or Public Address Amplifiers. Will play up to 12 inch records at 78 R.P.M. Operates on 100-120 Volt, 60 Cycle AC current. Consists of RCA Midget True Tracking Crystal pickup, RCA Synchronous Midget Phono Motor and Volume Control all mounted in an attractive Walnut Bakelite case, size 11½"x9½"x3". High impedance output. Has connector for connecting to RCA radio. List, \$9.95.
D15377—RCA Model R-93-F.
YOUR PRICE **\$5.28**

C4959—RCA 9824 connecting switch and cable for connecting above player to any radio receiver. Switch changes from radio to record.
YOUR PRICE **\$5.95**

Victor Records and Rack

\$3.50 List Value for only \$1.35
Special to purchasers of RCA Model R-93-F and VA-21 RCA Record Players we will include 6-10" RCA Victor Black Label double faced Records listing at 50c each and 1 RCA-Victor Record Rack valued at 50c list—all for only \$1.35 net. Titles are pre-selected by RCA and all are currently popular semi-classical numbers—No closeouts.
D15380—Model R-93-F RCA Victor Record Player and 6 RCA Victor 10" Records and Rack. List Value, \$14.95.
YOUR PRICE **\$6.63**
D15381—Model VA-21 RCA Victor Wireless Record Player and 6 RCA Victor 10" Records and Record Rack as outlined above. List Value, \$17.95.
YOUR PRICE **\$11.44**



RCA Synchronous Type Phonograph Motor
Compact, synchronous type phono motor complete with 7" turntable. Same as used in above RCA record player. For playing either 10" or 12" records. Speed 78 R.P.M. Can be used in conjunction with power amplifier for Public Address or with practically any radio set. Motor is only 7" dia., 2½" deep. Compact size particularly adapts unit for installations in limited space. Operates from 110-120 volts, 60 cycles AC.
C15378—RCA Code Pt. 33343.
List, \$5.95. **YOUR PRICE** **\$3.50**

RCA Victor Wireless Record Player

Plays up to 12" records with full tone and volume through any radio set, operating within 30-50 feet of player. No connecting wires used. Has crystal pickup, volume control, on-off switch and constant speed 78 RPM motor.



Comes in attractive black lacquer cabinet of modern design. Size 12x8x4½" deep. Ship. Wt. 13 lbs. For 110 V. 60 cyc. AC operation. List Price, \$15.95.
D15379—RCA Model VA-27 Wireless Record Player
YOUR PRICE **\$10.09**



Recording Discs-Needles-Accessories



Highest Quality Acetate Recording Discs



Make Big Money Selling Recordings Discs. The recent introduction of high quality, low cost, home recording equipment has opened up a large and profitable market for acetate recording blanks. Prospects are everywhere. Homes, Schools, Churches,

Preachers, Lawyers, Teachers, Dramatic Clubs, Music Schools, Students of Foreign Languages, Civic Clubs, Sales Organizations, Political Groups, Night Clubs, Orchestras, Broadcast Stations, and many more.

Bristol-Board Acetate Discs

The Most Popular Types for Home Recordings

High Quality at Lowest Cost

Professional Quality at Low Cost



Acetate coated discs on bristol-board base. Amazingly good quality at lowest possible cost. Most popular type home recording disc on the market. Used also by professional studios. Low background noise. Coated on two sides. Non-inflammable.

Acetate coated discs on bristol-board base. An excellent low cost disc of professional quality for studio and home recording. Background noise so low as to be practically inaudible. Coated on two sides. Non-inflammable.



Stock Num.	Dia.	Overall Thickness	Each	6 for	36 for
D9325	6 1/2"	.062"	9¢	42¢	\$2.25
D9326	8"	.062"	16¢	75¢	3.80
D9327	10"	.062"	24¢	\$1.15	5.75

Stock Num.	Dia.	Overall Thickness	Each	6 for	36 for
D9335	6 1/2"	.052"	15¢	\$0.76	\$4.23
D9336	8"	.052"	25¢	1.35	7.41
D9341	10"	.052"	36¢	1.94	10.58

Aluminum Base Acetate Discs

Heavy Weight Discs

Presto GREEN SEAL Discs



For Broadcast, Studio and Home Use

A very high quality, acetate coated, aluminum disc, especially suited for Broadcast, Professional and Home Recordings where exceptionally fine results are desired. Surface noise practically inaudible. Coated on two sides.

Highly perfected acetate disc on heavy aluminum base. .051" thick overall. Developed especially for broadcast, professional and home recordings where the very finest results are desired. Surface noise is practically non-existent. Coated on two sides.



Stock Num.	Dia.	Overall Thickness	1-9	10-24	25 & up
D9328	6"	.049"	37¢	32¢	39¢
D9329	8"	.049"	52¢	46¢	41¢
D9330	10"	.049"	73¢	66¢	59¢
D9331	12"	.052"	92¢	81¢	74¢
D9332	16"	.060"	\$1.84	\$1.64	\$1.47

Stock Num.	Dia.	Price Each	Stock Num.	Dia.	Price Each
D9310	6"	\$0.40	D9313	12"	\$1.00
D9311	8"	.55	*D9315	16"	2.00
D9312	10"	.80	*Extra heavy, .064" for broadcast station use		

Standard Weight Discs

For Studio and Home Recordings

Excellent quality acetate on aluminum base, for low cost, high quality Studio and Home Recordings. Will produce recordings closely approaching in quality the heavier discs listed above. Best obtainable, at moderate cost. Surface noise extremely low. Coated on two sides. Non-inflammable.

Stock Num.	Dia.	Overall Thickness	1-12	13-24	25 & up
D9358	6"	.032"	15¢	13¢	12¢
D9359	8"	.035"	22¢	19¢	18¢
D9360	10"	.033"	29¢	24¢	24¢
D9361	12"	.032"	48¢	43¢	42¢

Audiodesics

Yellow Label Type

For Broadcast, Professional and Home Use



An extremely high quality aluminum base acetate recording disc* with wide latitude characteristics. Exclusive machine-coating process produces a smooth flat cutting surface. Background noise practically non-existent. Coated on two sides.

Stock Number	Diameter	Overall Thickness	Price Each
D9400	6"	.037"	\$0.40
D9401	8"	.037"	.55
D9402	10"	.046"	.30
D9403	12"	.046"	1.00
D9404	16"	.054"	2.00

Blue Label Type same as above except on lighter gauge aluminum base.*

D9424	6"	.024"	\$0.30
D9425	8"	.024"	.45
D9426	10"	.027"	.65
D9427	12"	.027"	.85

Special Discounts to Dealers, Schools and Broadcast Stations.

* The cuttings from these records are inflammable. Proper care should be used in their disposal.

Recording Needles For Ungrooved Acetate Discs



Precision made. Long life. All recording needles have flat on shafts to keep from turning.

Sapphire & Stellite

D9305—Type A. GENUINE PRESTO SAPPHIRE. Finest needle made for best quality recording. Average cutting life 5 hours. Can be resharpened. **\$6.00**

YOUR PRICE.....
D9397—Type A. PRECISION GROUND SAPPHIRE. Will give good results. Average cutting life 5 hours. Can be resharpened. **\$3.40**

YOUR PRICE, Each
D9395—Type A. SAPPHIRE POINT NEEDLES. For cutting and recording ungrooved aluminum discs. D9396—Type A. SAPPHIRE POINT NEEDLES. For recording on pregrooved Victor or aluminum discs. **\$2.20**

YOUR PRICE, Either Type
D9300—Type A. STEEL CUTTING NEEDLES. Make recordings that compare favorably with sapphire. Average cutting life two hours. Can be resharpened. **89¢**

YOUR PRICE, Each
D9308—Type B. Steel cutting needles for acetate coated discs. Special alloy steel hand-polished. Gives acceptable quality recordings. Will make about five 10" records. **59¢**

YOUR PRICE, Pkg. of 3
D9370—Steel recording needles for Victor Home Recording Discs. **25¢**

YOUR PRICE, Pkg. of 8
RESHARPENING SERVICE

Sapphire recording needles resharpened, Ea. \$1.95
Stellite recording needles resharpened, Ea. .65

Atatic Crystal Recording Head



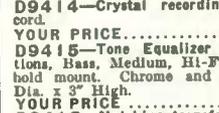
Replaces Early Magnetic Types
Makes excellent replacement unit for home and professional recorders using Gemtone crystal recording head. Records with great brilliance of tone and wide range. Impedance, 60,000 ohms. Size 1 1/2" x 3 1/2". Finished in telephone black. **\$6.76**

D9414—Crystal recording head and connector cord. **\$147**

D9415—Tone Equalizer for above. Four positions. Bass, Medium, Hi-Fidelity and Out. Single hold mount. Chrome and black finish. Size: 3" Dia. x 3" High. **\$411**

D9416—Matching transformer. Adapts above recording head to low impedance input circuits. Pri. 500 ohms. Sec. 60,000 ohms. Finished in telephone black. Size: 2 1/2" x 3 1/2" x 2 1/2". **\$411**

Webster Magnetic Recorder Heads

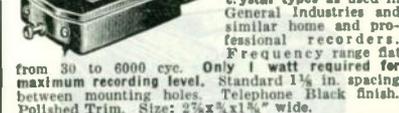


Not affected by normal heat or temperature changes. Makes excellent replacement unit, especially for crystal types as used in General Industries and similar home and professional recorders. Frequency range flat from 30 to 6000 cps. Only 1/2" wait required for maximum recording level. Standard 1 1/4" in. spacing between mounting holes. Telephone Black finish. Polished Trim. Size: 2 3/4" x 1 1/4" wide. **\$735**

D9421—Type R-84 recording head. Impedance: 8 ohms at 400 cycles. **\$735**

D9422—Type R-84 recording head. Impedance: 500 ohms at 400 cycles. **\$735**

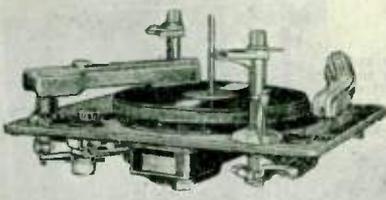
Recording and Playback Pickup



Magnetic Type
D9352—Complete with recording weight and stationary bracket. Single hole mount. Records on pre-grooved aluminum, or Victor Home Recording Discs, direct from radio or amplifier. Requires only 3 watts of power. Same head can also be used for playback. Response is flat from 60 to 5500 cycles. Impedance: 10,000 ohms. Sturdy bronze finish. Length 9 in. Shipping wt., 1 lb. **\$3.23**

YOUR PRICE

RECORDERS FOR HOME & STUDIO



Basic Recording and Record Playback Units

Radolek Recorder & Record Changer

Big Value in a recording and playback unit. Records at 78 RPM on acetate discs up to 10". Automatically plays fourteen 10" or ten 12" commercial records. Manually plays both acetate and commercial records up to 12" dia. Powerful induction motor uses rim drive to weighted 10" turntable. Cutting head is wide range magnetic type. High impedance crystal pickup is true tracking type. Size 14x16x5 1/4" above and 3" below mounting plate.

D15357—Radolek Recorder and Record Changer Chassis less power cord, connecting cable.
YOUR PRICE **\$29⁹⁵**
D15397—Radolek Record Changer less Recording Mechanism. For playback only. Size 14x14x3" below plate.
YOUR PRICE **\$16⁹⁵**

G. I. Recorder and Playback Unit

Records up to 10" Discs
 Plays Back up to 12" Commercial or Acetate Discs
 At 78 RPM

Records at 78 RPM on acetate discs up to 10" Dia., cutting 109 lines per inch. Manually plays commercial and acetate discs up to 12" dia. Feed screw automatically engages when cutter is placed on record. Depth of cut and needle angle adjustment easily accessible. Powerful induction motor uses rim drive to weighted 10" turntable. Motor and turntable are rubber mounted and insulated for quiet operation. Cutting head and playback unit are high impedance crystal type. Size 15" Wide x 10" front to back. For 110 V. 60 cyc. operation.
D15385—Model G.I.—R70 Chassis less power cord and connecting cable.
List, \$45.00.
YOUR PRICE **\$27⁰⁰**

Webster Standard Model Recorder With Record Changer

D15391—Webster-Chicago Model 5575 recording and playback chassis with record changer, less power cord and connecting cable.
List Price, \$55.00.

YOUR PRICE **\$32³⁴**
 Records on acetate or composition blanks up to 10" dia. Will play back all 78 RPM records up to 12". Silent operating, jam-proof record changer holds up to ten 12" or twelve 10" commercial records. Push buttons provide for record rejection and manual operation. Automatic velocity trip device insures positive record changer action at conclusion of the record. Heavy duty, constant speed synchronous motor operates turntable at 78 RPM through positive gear drive. Retractable record driving pin for acetate discs automatically allows playing of commercial records without manual adjustment. Crystal type high impedance recording head cuts at 90 lines per inch from outside to center. Only 3 to 5 watts needed for full needle deflection. Recording arm adjustable for cutting depth, cutting angle and use of either long or short shank needles. High impedance crystal playback unit balanced to 2 oz. needle pressure, minimizing record wear. Entire assembly attractively finished in brown wrinkle enamel. Mounting plate 15 1/2 x 11 1/2" overall. Mechanism extends 5" below plate and 6" above plate. Wt. 30 lbs.

Complete Portable Recorders



DeLuxe Recorder with Record Changer

For those who want the best in high quality at low cost. Records at 78 RPM on acetate and composition discs up to 10" dia. Automatically plays back fourteen 10" or ten 12" commercial records. Cutting head is low impedance high fidelity magnetic type. Wide range crystal phone pickup is true tracking type. Depth of cut and needle angle adjustment easily accessible. Powerful induction motor uses rim drive to 10" weighted turntable. Motor and turntable are rubber mounted and insulated for quiet operation. Built-in high gain recording amplifier including volume and tone controls and magic eye cutting level indicator with 6" PM speaker permits high quality recording and reproduction. Complete assembly attractively housed in durable imitation leather covered carrying case. Size 22x18x11. Wt. 50 lbs.

D15356—Assembly complete, with tubes and desk type crystal mike. For 110 V. 60 Cyc. AC operation.
YOUR PRICE **\$58⁹⁵**

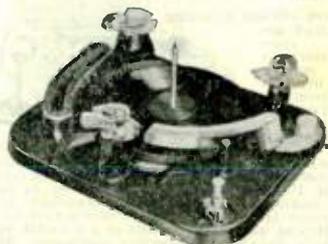
Standard Recorder and Playback Unit

A low price, high quality—recorder and playback unit in a portable case with crystal desk mike for home and professional use. Records at 78 RPM on acetate discs up to 10" Dia., cutting 109 lines per inch. Manually plays commercial and acetate discs up to 12" dia. Depth of cut and needle angle adjustment easily accessible. Powerful induction motor uses rim drive to weighted 10" turntable. Motor and turntable are rubber mounted and insulated for quiet operation. Cutting head and playback unit are high impedance crystal type. Built-in 4 1/2 Watt recording amplifier including volume and tone controls, and 6 1/2" PM dynamic speaker permits high quality recording and gives brilliant reproduction. Complete assembly attractively housed in durable imitation leather covered carrying case. Size, 9x16x18". Ship. Wt. 30 lbs. For 110 V. 60 cyc. operation.

D15353—Assembly complete with tubes, six 6 1/2" recording blanks and one recording needle and desk type crystal mike.
YOUR PRICE **\$35²⁵**

Webster DeLuxe Model With Record Changer

Records up to 10" Discs
 Plays and Automatically Changes up to Seventeen Mixed 10" and 12" Records
 At 78 RPM



Finer construction, appearance and operation than Model W5575 above. Records on acetate or composition blanks up to 10" dia. Automatically plays up to 17 mixed ten and twelve inch records—at 78 RPM. Pickup balanced to 2 oz. needle pressure, minimizing record wear. Mechanism stops automatically after last record has been played. Heavy die-cast mounting plate. Other specifications same as given for Model W5575 above. Hammered bronze enamel finish. Size, mounting plate 13 1/2 x 17 1/2". Mechanism 5 3/4" above and 4 1/2" below plate. Ship wt. 35 lbs. Comes complete with crystal pickup and AC switch.

D15373—Model 5595 Recording and Playback Chassis with record changer, less power cord and connecting cable. **List Price**, \$75.00.
YOUR PRICE **\$44¹⁰**



30 Watt Recording Amplifier

For use with all types of home and professional recording and playback units. Specifications: 30 Watts class "A" high fidelity beam power output, feeding a 2, 4, 8, 166, 250 and 500 line output. Resistance coupled throughout. Inverse feedback in final stage. Response is flat within ±2 Db from 50 to 10,000 cycles. Hum level less than 1 of 1%. 135 Db. Usable gain for both mike channels. Has three polarized plug-in channels—2 for mike, 1 for phone with separate electronic mixing and fading controls. Dual tone controls for base and high frequency response. Tubes used: 2-6BF6's, 1-6NC7, 2-6L6's, 1-5V4G, 1-6X5. Durably housed in red crackle enamel finished steel case with chromium bands and carrying handles. Overall size: 7 1/2 x 6 1/2 x 16 1/2" long. See page 104 for complete description.

D15019—30 watt Recording Amplifier, factory wired and tested, less tubes.
List Price, \$50.00.
YOUR PRICE **\$24⁴⁵**

D15021—Complete amplifier with 8 matched Sylvania tubes. **List Price**, \$60.88.
YOUR PRICE **\$29⁸⁹**

Techniques of Recording

By Goldsmith and Geisel

D12560—**YOUR PRICE** **\$125**



A practical hand-book containing 43 pages of concise data on recording, its associated equipment and their individual applications. The 16 chapters each deal with specific facts and functions of recording. Clearly written and fully illustrated. As a recording operator you should have this helpful book in your library. You will refer to it again and again for expert solution of problems that are sure to arise. The authors, both fully versed in the design and operation of recording apparatus, have presented their facts in a very practical and fully usable manner.

HOME & PROFESSIONAL RECORDING EQUIPMENT

Make Commercial Quality Recordings Right in Your Own Home or Studio

Presto Model "K" Portable Recorder

Records up to 12" Discs at 78 or 33-1/3 RPM—Illustrated at right

Designed to fill the need of those who require a dependable, high quality recording system. Will record voice and music with fidelity fully equal to the finest commercial recordings. Suitable for radio entertainers, musicians and schools in speech, dramatic and foreign language classes and rehearsals. Operating features: 12" turntable driven at rim by self-starting, constant speed motor. Allows reproduction without slightest waver or "wow." Cutting head and playback pickup are magnetic type with wide frequency response of 80 to 5000 c.p.s. Cuts 100 lines to the inch from outside to inside. Built-in 4 stage amplifier has 3 watts output, uses 6 tubes, 1-6F5, 1-6SF5, 1-6N7, 2-45's, 1-80. 10" Speaker is mounted in the detachable cover of carrying case. Case is grey airplane cloth covered and measures 19 1/2"x15 1/2"x14". Recorder comes complete ready to operate with tubes, high quality crystal microphones mounted on adjustable floor stand and operating instructions. Recording discs and needles not included. For 110 volt 60 cycle AC operation. Complete descriptive literature on above equipment or other recorders will be sent on request.

D17630—Model K6—As above with single speed 78 RPM motor.
YOUR PRICE **\$208.00**

D17631—Model K7 Recorder with dual speed 78 and 33 1/3 RPM.
YOUR PRICE **\$223.00**

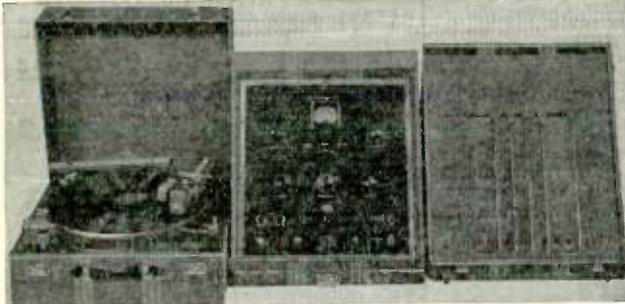


Presto Model "Y" Recorder

Cuts up to 17 1/2" Discs at 78 or 33-1/3 RPM

D17645—Model "Y." A complete portable recorder incorporating all advantages of portability and capable of producing the finest recordings. Designed to fill the requirements of schools and colleges, radio broadcast stations, advertising agencies, commercial recording studios, etc. Features: 18" R/W driven turntable, 50-8000 cycle recording range, cuts 112 lines per inch, records from inside-out or outside-in. 10 Watt Amplifier incorporates frequency stabilizers to boost bass or treble response and mixer for 2 talks and phono. Volume indicator shows recording level. Recorder housed in portable case 20 1/2"x19 1/2". Wt. 44 lbs. Amplifier and 10" speaker housed in separate portable case, size 23 1/2"x12 1/2". Wt. 47 lbs.

YOUR PRICE, Less Recording Discs and Needles **\$595.00**



Recorders for Home and Studio

Speak-O-Phone Model 88

Records up to 12" Discs at 78 RPM

D17632—Complete recorder ready to operate. Less discs and Needles.
List Price, \$87.50.
YOUR PRICE **\$58.33**

A compact, efficient recording and playback assembly—complete in every detail—nothing else to buy except recording discs and needles. Consists of a 3 stage amplifier, speaker, crystal microphone, playback pickup and motor, 10" turntable, recording unit, playback pickup and gearing mechanism all mounted in a compact carrying case, size 15 1/2"x15 1/2"x9 1/2". Case covered by an impressive looking simulated platin. Amplifier frequency range is to 5,000 c.p.s. Power output is 4 watts. Driving mechanism consists of a powerful motor specially designed for recording equipment. The specially weighted turntable is driven by means of an idler gear, thus tending to cut down motor rumble and noises. Tracking mechanism is completely positive. The Ortho-acoustic speaker arrangement has been designed as an integral part of the lid of carrying case, using an 8" built-in dynamic speaker. Playback reproduction is "wide-range" in its true meaning. Playback pickup is the latest Asiatic model. For operation on 110 volts, 60 cycle AC.

Order all of your recording equipment from Radolek. Radolek's stock is complete! Write for literature on any other models in which you may be interested.



Speak-O-Phone Model 1-52A

Records up to 12" at 78 and 33-1/3 RPM

D17633—Complete recorder ready to operate. Less discs and needles. For operation on 110 volts 60 cycles.
List Price, \$178.50.

YOUR PRICE **\$119.66**

A compact, efficient recording and playback assembly complete in every detail—nothing else to buy except recording discs and needles. May be used equally well on 8", 8", 10" or 12" aluminum or acetate discs. Consists of a 3 stage 4 watt high fidelity amplifier, speaker, quality crystal microphone, collapsible chrome plated floor stand, dual speed motor and 12" turntable, cutting head and play-back pick-up. Meter for monitoring volume level during recording has illuminated dial. Drive mechanism consists of a powerful rim driven General Electric motor and turntable, constant speed type. Speed is instantly adjustable for either 78 or 33 1/3 RPM. Tracking mechanism is entirely concealed; has patented positive feed cutting arm. Cutting head is a true fidelity magnetic unit with adjustable needle angle. Cutter can be used for aluminum or acetate. Crystal playback pick-up follows same arc as cutting head. Housed in compact leatherette covered case 16x10x20", with inclined front panel on which all controls are mounted.



Carron Portable Recorder and Playback Combination

D17636—Carron recorder complete as described below, ready to operate, but less recording discs and needles.

YOUR PRICE **\$19.75**

A Complete Self-Contained Recorder

A completely self-contained portable recorder an electric phonograph for cutting up to 8" acetate disc and playing up to 12" records. Reasonably good results may be obtained for microphone or radio recordings. Consists of combination record cutter and playback pickup, constant speed 78 RPM motor with weighted 8 1/2" turntable, built-in 3 tube amplifier complete with tubes, Volume control, PM dynamic speaker, crystal microphone and desk stand. Complete set housed in Alligator grain fabrikoid covered case, size 13"x13"x7". Uses standard acetate disc and needles. For 110 Volt 60 cycle AC operation.



Carron Basic Recorder

For Recording and Playback—

D17637—YOUR PRICE **\$7.25**

Recording and playback chassis as used in above recorder. Includes combination cutting head and playback pickup with feed mechanism constant speed 78 RPM motor with 8 1/2" weighted turntable and needle cup installed on 3/4" leatherette covered mounting board ready to use with your own microphone and recording amplifier. May also be used in conjunction with most radio receivers. Mounting space requires 12 1/4"x12 1/4". Depth 3" below board and 3 1/2" above board. For 110 volt 60 cycle AC operation.



Big Value Recorder and Playback Unit for Home Use

May be used with Any Radio

A compact quality built assembly designed for use in conjunction with the audio amplifier and speaker of any radio receiver. Records on acetate discs from microphone or radio. Records and playback up to 12" records at 78 RPM. Consists of magnetic cutting head with worm gear drive mechanism, heavy duty constant speed rim drive motor with weighted 10" turntable, crystal playback pickup, built-in preamplifier, volume control and high grade crystal microphone with table stand. Baked brown wrinkle metal cabinet size 10x15x8 1/2" high overall. Also includes connecting clips and instructions. For 110 volt 60 cycle AC operation.

YOUR PRICE **\$29.50**



Basic Unit Only

D17635—For use with your own amplifier and mike. Includes turntable, motor, cutting head, feed mechanism and playback pickup mounted on 10x15" brown enameled steel plate.

YOUR PRICE **\$14.95**



D17634—Complete as described. Less discs and needles.
YOUR PRICE **\$29.50**

Brush Crystal Cutting Head

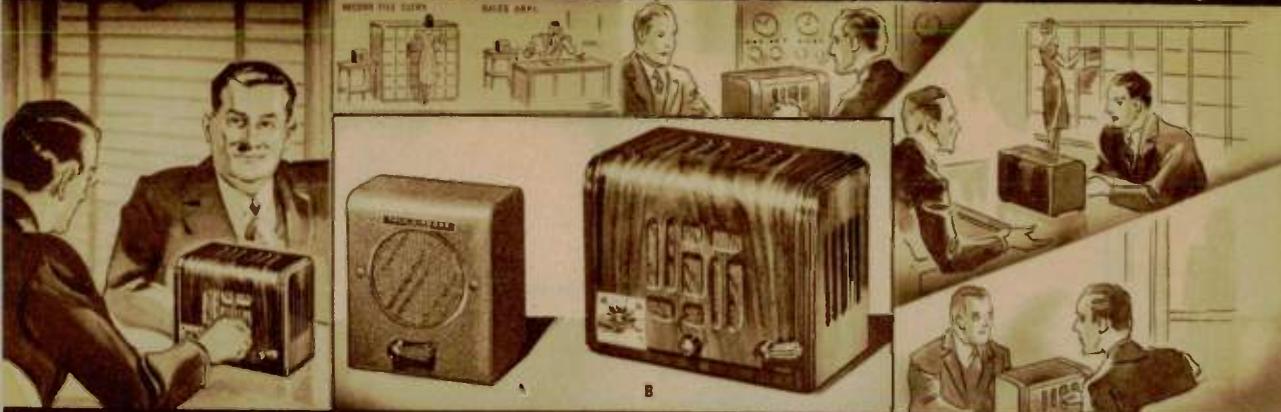
A dependable and exceptionally high quality cutting head suitable for use in cutting acetate or vinylite blanks. Cutting response within ±3dB from 50 to 9000 CPS. Only 3 watts driving power required. Metal case size 3 1/2" long x 3 1/2" high x 1 1/2" thick. Net Wt. 4 1/2 ozs.

D13124—YOUR PRICE **\$11.00**

We can promptly supply other types cutting heads and recording arms.



RADOLEK INTERCOMMUNICATORS



Master Selective Intercommunicator

The most economical system to install and operate, yet fulfills most intercom requirements. Designed for use where an executive or other centrally located person wishes to call up to five outlying Sub-stations. Each Sub-station can be called individually for private conversation, or all Sub-stations can be called at one time for paging purposes. All Sub-stations can call or answer the Master station, but Sub-stations cannot call each other.

Power output supplies sufficient volume from substation for calls to be heard up to 50 feet from substation. Volume level is controlled at master station. As much as 2000 feet of wire may be used between master and substations without cutting down efficiency. Quiet position shuts out noise unless substation or master calls. Master station is housed in wood cabinet of polished Walnut, size 9 1/2" long x 5 1/4" deep x 8" high. Sub-station is housed in Brown wrinkle enamel metal cabinet, size 5 1/4" long x 3 1/4" deep x 7" high. For 105-120 volts AC or DC operation. Operates as shown in diagram C.

D17685—Type B Master station for up to 5 substations. Complete with tubes and instructions, less connecting cable. List Price, \$27.50.
YOUR PRICE \$13.95

D17686—Type B Master Station for up to 10 Substations. Identical in features and operation to master described above but will operate any number of substations up to 10. Complete with tubes and instructions. Less connecting cable. List, \$34.00.
YOUR PRICE \$17.95

D17687—Type A Substation for use with either of above master stations. Less connecting cable. List, \$9.95.
YOUR PRICE \$4.95

D16565—Master to substation connecting cable, 10 ft. for.....19c

Super Selective Intercommunicator

The most flexible and versatile intercom system. For use where the greatest amount of utility is required from an inter-communicating system. Consists entirely of master stations and any number from ten to five may be used. Any station may call and converse with any other station with complete privacy. Two complete conversations may be maintained at the same time without interference from another station.

Will operate with full power with up to 2000 ft. of cable between furthest units. Volume may be adjusted at each master from a whisper to a loudness that can be heard 25 to 50 feet away. Silent feature prevents noise between conversations yet does not interfere with incoming calls. Cabinet is of choice walnut, size 12 1/2" x 8". For 105-120 Volt AC-DC.

D17691—Type B Master station for up to 5 sta. use. Complete with tubes and instructions, less cable. List, \$32.00.
YOUR PRICE \$15.95

D16568—Connecting cable for up to 5 stations, 10 ft. for.....50c

D17692—Type B Master station for use in a 10 master sta. group. Up to five 2-way private conversations may take place without interference. Complete with tubes and instructions, less cable. List, \$36.00.
YOUR PRICE \$17.95

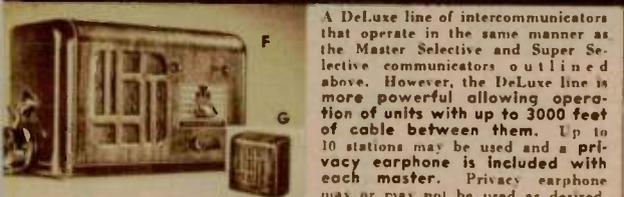
D16567—Connecting cable for up to 10 stations, 10 ft. for.....75c

Combination Systems

Similar to above systems but allows intermixing of master stations and substations as shown in diagram E permitting the following type of intercommunication. (1)—Master stations may converse with each other. (2)—Any master may call any substation. (3)—Each master may in addition have substations which it alone may call.

	List	YOUR PRICE
D17693—Type B 5 Sta. Master	\$34.00	\$17.95
D16561—Cable for above, 10 ft. for		58c
D17694—Type B 10 Sta. Master	39.95	19.95
D16562—Cable for above, 10 ft. for		93c
D17695—Type A Sub-station, Less Talkback Switch	8.95	4.50
D16563—Cable for connecting Substa. to Master Sta., 10 ft. for		15c

Luxe Intercommunicator with Earphone



A DeLuxe line of intercommunicators that operate in the same manner as the Master Selective and Super Selective communicators outlined above. However, the DeLuxe line is more powerful allowing operation of units with up to 3000 feet of cable between them. Up to 10 stations may be used and a privacy earphone is included with each master. Privacy earphone may or may not be used as desired. When it is in use communicator acts like a telephone, voice does not come out of loudspeaker and loudspeaker is used only as a microphone. Housed in wood cabinet of polished walnut, size 11 1/2" x 8" x 7 1/4". For 105-120 Volt AC-DC operation.

D17688—Type F DeLuxe Master Selective Station for use with up to 10 substations, operates as shown in diagram C. Complete with privacy earphone, tubes and instructions, less cable. List Price, \$62.50.
YOUR PRICE \$31.95

D17689—Type G DeLuxe Substation only in wood cabinet of polished Walnut, size 7 1/4" x 5 1/4" x 7 1/4". List, \$14.95.
YOUR PRICE \$7.95

D16566—Connecting cable for interconnecting masters to substation, 10 feet for.....35c

D17690—Type F DeLuxe 10 station Master for use in a Super Selective setup in conjunction with 9 other masters. Operates as shown in diagram D. Complete with privacy earphone, tubes and instructions. List Price, \$62.50.
YOUR PRICE \$31.95

D16567—Cable for interconnecting master stations, 10 ft. for.....75c

Power Stage for Paging

Designed for use in conjunction with the master units listed on this page for high power paging where large areas must be covered in noisy locations. An unlimited number of power stages may be connected together in a single network, operating from a single channel of the master. Also additional speakers may be connected to each power stage obtaining their power from it. Volume may be adjusted to desired level at each power stage. Power stages may have up to 3000 ft. of cable connected between it and the master station. Housed in sturdy brown wrinkle enamel steel case, size 12 1/2" x 8". Complete with 8" 20 cc. magnet PM Spoker. For 105-120 Volt AC operation.

D17696—Type H 15 watt Power Stage. Complete with tubes and instructions, less cable. List, \$45.50.
YOUR PRICE \$22.50

D17697—Type H 8" PM Extension speaker in metal case. Less Switch and Volume Control. List Price, \$15.95.
YOUR PRICE \$7.95

D16563—Cable for connecting power stages to master stations, 10 feet for 15c

Communicator for Use with Power Stages

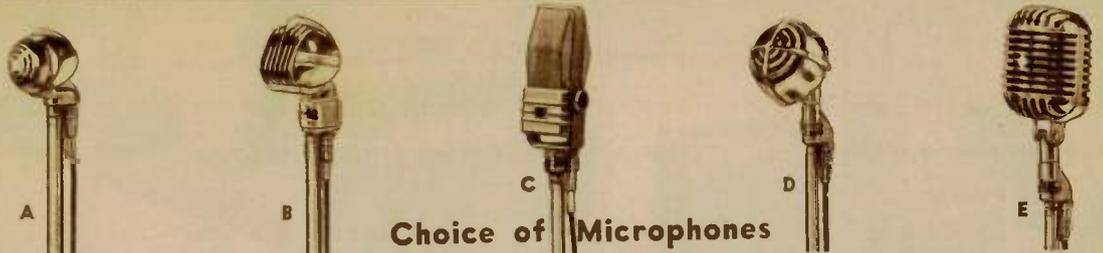
Power stages in themselves cannot be used for talkback in master station. If talkback feature is required the communicator station is connected to power stage, and talkback to master is carried on over this unit. For use with Master Selective and Combination Masters only.

D17698—Type A Communicator station only. List Price, \$9.95.
YOUR PRICE \$4.95

D16563—Cable for connecting communicator station to power stage, 10 feet for.....15c

D16565—Cable for connecting communicator station to Master station (eliminates confusion between master station and power stage), 10 feet for.....19c

P.A. Accessories As Included With Sound Systems



Choice of Microphones

To suit the needs of your individual installation Radolek offers you a choice of microphones for use with the Sound Amplifying Systems shown on the following pages. Any of these microphones are satisfactory for use under most conditions. However each microphone has specific characteristics which particularly adapt it to certain operating conditions. The selection we offer will cover the requirements of

practically any operating conditions that may be encountered. All microphones have built-in cable connector and are supplied complete with 25 ft. of heavy duty rubber covered shielded microphone cable having an Amphenol locking type plug at each end for screw on connection to amplifier and microphone. Amplifiers are equipped with correct socket, so that any microphone may be used with any amplifier.

TYPE A Bullet Crystal Microphone is an excellent all around indoor or outdoor microphone that may be used very satisfactorily for the reproduction of either speaking and singing voice or instrumental music. Rich Satin Chrome Finish. Size 2 3/4" dia. x 3 3/4" long. One Type A microphone will be supplied with any system at an extra charge, and will always be supplied with systems except where some other choice is indicated.

TYPE B Bullet Dynamic Microphone has approximately the same response characteristics as TYPE A but is considerably more rugged and is recommended for use where microphones must withstand rough handling and extremes of heat and humidity. Rich Satin Chrome Finish. Size 2 3/4" dia. x 4 1/2" long. One Type B microphone will be supplied with any system instead of Type A at an extra charge of \$3.50.

TYPE C Velocity Microphone is best for reproduction of instrumental music. May also be used for voice reproduction if the microphone is kept approximately 12" away from the mouth. Semi-directional characteristic assists in reducing feedback. This microphone is not recommended for outdoor use where wind is likely to affect its per-

formance. Head tilts through 180° angle and has built-in On-Off switch. Baked Grey Wrinkle Enamel Finish. Size 2 1/2" wide x 2" deep x 6 1/4" high. One Type C microphone will be supplied with any system instead of Type A at an extra charge of \$3.50.

TYPE D Shure Unilux Crystal Microphone is recommended for reproduction of speaking or singing voice and instrumental music in either indoor or outdoor installations. Gives finest reproduction over entire frequency range. Special design eliminates sound pickup from rear of microphone yet allows wide angle pickup at front. This feature allows placement of microphones in practically any position with respect to loudspeakers without danger of feedback. Head tilts through 90° angle. Rich Satin Chrome Finish. Size 2 3/4" dia. x 3 3/4" deep. One Type D microphone will be supplied with any system instead of Type A at an extra charge of \$8.00.

TYPE E Shure Unidyn Dynamic Microphone is essentially the same as the Unilux in response and anti-feedback properties. Rugged absorption construction particularly recommend this unit for use in installations where microphone is subject to

rough handling or extremes of heat and humidity. Head tilts through 90° angle. Rich Satin Chrome Finish. Size 4 1/2" high x 3 1/4" wide x 2 1/2" deep. One Type E microphone will be supplied with any system instead of Type A at an extra charge of \$13.50.

Extra Microphones

Only one microphone is supplied with each sound system at the prices quoted for complete systems. When more than one microphone is required for your installation, additional microphones may be purchased for the prices specified below at the same time as the complete sound system is obtained. Microphones are supplied complete with floor stand, 25 ft. of cable and 2 connection plugs.

Stock Num.	Type	YOUR PRICE
D15073	A	\$ 9.95
D15074	B	12.50
D15075	C	14.70
D15076	D	19.11
D15077	E	26.46

Speakers and Speaker Baffles



The Dynamic Speakers supplied with Radolek Sound Systems are of the latest design Permanent Magnet type which eliminate the need of supplying magnetizing power to the speaker either from the amplifier or an external power supply. Dust covers protect voice coils from foreign substances and prolong the life of the speaker. Each speaker is equipped with universal line matching transformer so that long speaker lines may be run without power loss. Each speaker is also equipped with a parallel wired outlet socket into which an additional speaker or speaker combination may be plugged making it unnecessary to run each speaker cable back to amplifier. Only two wires are used for connection to amplifier. This feature saves many feet of cable.

TYPE A 12" Permanent Magnet Dynamic Speaker with 20 oz. Magnet supplied as standard equipment on 30 and 50 Watt Sound Amplifying Systems. Two of these speakers when properly baffled will handle the entire output of the 15 watt amplifier without distortion.

TYPE B 12" Permanent Magnet Dynamic Speaker with 31 oz. Magnet, supplied as standard equipment on 30 and 50 Watt Sound Amplifying Systems. Two when properly baffled will handle the output of the 30 watt amplifier, four the output of the 50 watt amplifier.

TYPE C 12" Permanent Magnet Dynamic Speaker with 46 oz. Magnet supplied as standard equipment on 30 and 100 Watt Sound Amplifying Systems. Three when properly baffled will handle the entire output of the 30 watt amplifier, six the output of the 100 watt amplifier.

TYPE D Wall Baffle. A flat type baffle that will spread sound over the widest possible area but will not project the sound as far as the projector or trumpet type baffles. Constructed of 1/2" plywood with dark blue leatherette covering. Size 16 1/2" x 15 1/2" x 8 1/2" deep. Has separate speaker mounting board.

TYPE E Projector Baffle has moderate directional qualities which allow wide coverage and sound projection over a somewhat greater distance than flat baffle. Especially desirable for use in over-crowded "dead spots" and eliminating "feedback." Bell is of spun aluminum. Back is of spun steel. Will withstand reasonably rough usage. Bell Size 18" dia., 10" deep. Speaker mounting 12 1/2" dia., 10" deep. Has two rings for ceiling suspension.

TYPE F DeLuxe Projector Baffle. Has essentially same characteristics as Type E but of steel construction, will withstand much rougher usage and will offer much better protection to speaker against weather when used outdoors. Mounting bracket fits standard 1/2" pipe. Two rings for ceiling suspension. Size 20 1/2" long, 17 1/2" bell dia. Supplied with systems using Type E at an extra charge of \$3.00 for each baffle. See page 89 for price of adjustable crossfoot stand.

TYPE G Trumpet Baffle projects sound in a more directional beam and over a greater distance than the other types described. Recommended for installations such as Athletic Fields, Stadiums, Bell-ry Chimes Systems Etc. Comes complete with 8" 31 oz. Permanent Magnet Dynamic Speaker, which will handle a full 15 watts of power. Horn is of heavy duty all steel construction. Size, Bell dia. 25" overall length 34". Equipped with mtg. bracket threaded to fit standard 1/2" pipe. Supplied less crossfoot bracket but complete with 8" speaker instead of Type E baffle and 12" speaker on systems specifying Type E at an extra charge of \$15.00 per baffle.

Additional Speakers

In many installations extra speakers are required. For your convenience speakers are available separately complete with 25 ft. of connecting cable, speaker outlet socket, and amplifier connection plug. Any speaker may be used on any amplifier.

Stock Num.	Type	PRICE EACH
D15070	A	\$ 7.65
D15071	B	8.41
D15072	C	10.75

Additional speaker cable for any speaker 2c per foot.

Microphone Stands

TYPE A Banquet Stand. Has heavy cast metal base, stem is of highly polished chrome. Overall height less Microphone 10". Supplied as standard equipment on all 15 watt Sound Systems.

TYPE B Standard Floor Stand. Consists of 2 piece standard, adjustable from 40" to 68" and 9" dia. base with spun brass canopy. Entire Unit is finished in highly polished triple plated chrome. Friction clutch allows instant raising and lowering of microphone and keeps smooth constant pressure which prevents collapsing under the heaviest microphone. Total weight 4 lbs. Supplied as standard equipment on 30, 50 and 100 watt systems except portables.

TYPE C Portable Floor Stand. Similar in mechanical construction and appearance when set up to Type B. Designed for use with portable systems. Easily and quickly detachable into 4 pieces (9" base and 3-1/2" sections). Each section is inside threaded to form a smooth surfaced rigid stem. Total weight 6 lbs. Standard equipment on 30, 50 and 100 watt portable systems.

Here's A Complete 7 Watt PORTABLE SYSTEM

D15135—Complete.
Ready to Operate.
YOUR PRICE
\$21.50

- Amplifier Features**
- 1—3 Stages—4 Tubes.
 - 2—High Gain for Crystal microphone and phonograph.
 - 3—Microphone and Phonograph Volume Control.
 - 4—Continuously Variable Tone Control.
 - 5—Simple Plug-in Connections.
 - 6—Sturdy Portable Carrying Case.

Ready to Operate

Covers An Indoor Crowd of Up to 500 People or An Outdoor Area of Up to 3000 Square Feet

Ideal for use in the smaller installations such as Store Advertising, Electric Guitars, Class Rooms, Club rooms, Rally-boo, Window Display Demonstrations, etc. Can also be used with a record player to provide recorded musical entertainment. Has separate input connections for microphone and phonograph. Special switching arrangement allows use of either at one time. Installation is easy, takes but a few minutes. Anyone can do it. Nothing to hook-up, all connections are polarized plug-ins. Just plug into A.C. socket. Extremely simple operation. System includes: 7 Watt Amplifier, Set of 4 Sylvania Tubes consisting of 1-6SJ7, 1-6BE6, 1-6AL5 and 1-60, High Quality Crystal Microphone with 25 ft. of shielded cable. Mike desk stand, 8" PM Dynamic Speaker with 25-ft. cable and plug, all housed in an attractive blue fabric-covered portable carrying case. Size 11" x 12" x 7 1/2". For 105-120 volt, 50-60 cycle A.C. operation.



D15135—7 Watt P. A. System as described, complete with High Grade Crystal Microphone and Stand, 25 ft. of Shielded Microphone Cable and Plug, 4 Sylvania Tubes, Speaker and carrying case, ready to operate.
List Price, \$45.00.
YOUR PRICE, ONLY \$21.50

Prices 7 Watt Amplifier
D15029—7 Watt 3 Stage High Gain Amplifier for crystal microphone or phonograph. Factory Wired less tubes. For 105-120 Volts 50-60 cycle A.C. operation.
List Price, \$17.50.
YOUR PRICE \$8.95
D15030—Amplifier, with Sylvania tubes.
List Price, \$21.00.
YOUR PRICE \$10.95

Electric Musical Instrument Amplifiers

For Use with Wind or String Instruments

Everything you need to adapt any musical instrument for electrical sound amplification is included in the two systems listed. Simply take any guitar, violin, mandolin, ukulele, banjo, accordion, saxophone, clarinet, etc. Tape or clamp on the special pickup and you are all set to swing into this new musical technique. Installation does not harm or alter the instrument in any way. May be used to create special effects in conjunction with orchestras or for solo work to build up volume coverage. Sufficient connecting cable is supplied so that speaker need not be located in musician's feet but can be placed anywhere within a radius of 35 feet. Two systems are available: The 7 watt system (fully described above) is suitable for use in small orchestras or for solo work to audiences of up to 1800 people. The 15 watt system (fully described on page 101-103) may be used for small or large audiences and has sufficient available volume to handle any normal requirements. Any high impedance microphone can also be used in addition to the instrument pick-up on the 15 Watt System.

Price 7 Watt System
Includes Ampette Kontak musical instrument pickup with 15 feet of connecting cable and plug, Pickup Volume Control, Amplifier, Complete set of Sylvania tubes, and 8" PM speaker with 25-ft. cable, all housed in a compact attractive blue fabric-covered carrying case, size 11" x 15" x 7 1/2". For 105-120 volt, 50-60 cycle A.C. operation.
D15043—As above with hand operated Volume Control.
List, \$64.00.
YOUR PRICE \$29.95
D15044—As above with foot operated Volume Control.
List Price, \$67.50.
YOUR PRICE \$31.95

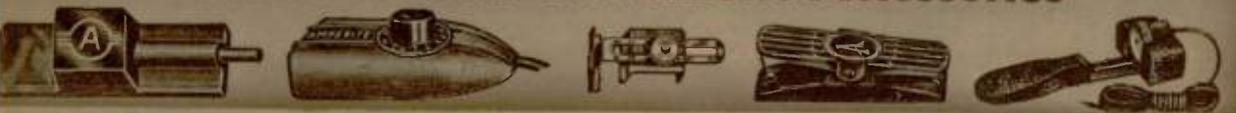
Price 15 Watt System
Includes Ampette Kontak musical instrument pickup with 15 ft. of connecting cable and plug, Pickup Volume Control, Amplifier, Complete set of Sylvania tubes and 12" 3M speaker with 25-ft. cable, all housed in a compact, attractive blue, fabric-covered carrying case, size 12 1/2" x 18 1/2" x 7 1/2". For 105-120 volt, 50-60 cycle A.C. operation.
D15045—As above with hand operated volume control.
List, \$82.50.
YOUR PRICE \$39.90
D15046—As above with foot operated volume control.
List Price, \$87.50.
YOUR PRICE \$41.40



Completely Portable
The entire outfit comes complete in a compact, light weight, carrying case. Easily carried anywhere. Professional in appearance. Cases are sturdily constructed and attractively finished in rich leatherette with convenient leather handles on top. Amplifier may be removed or left in case as desired. System is convenient to handle and is easily carried.

Easy to Install
The tiny inconspicuous pickup unit fits under the strings of the instrument or on the bell of wind instruments. May be quickly and easily attached or detached. Does not mar instrument. A small piece of adhesive tape or special clamp (see below) holds pick-up securely in place. No wiring to be done. No technical skill required for installation.

Electric Musical Instrument Accessories



Amperite Kontak Mikes
magneto induction type pickup very rugged in construction. Faithfully reproduces the vibration of any instrument.
D10053—Model SKH less volume control. Use with foot operated volume control.
OUR PRICE \$7.06
D10085—Model KKH with built-in control allowing regulation of volume by hand on the instrument.
List, \$17.95.
YOUR PRICE \$10.58

Instrument Clamps
D10086—For use in attaching either type Kontak mikes to string instruments.
D10087—For attaching to wind instruments.
YOUR PRICE, EITHER Type \$5.9c

Foot Operated Volume Controls
Leaves hands completely free to play instrument. Volume is increased or decreased by movement of foot.
D10054—Ampette Model K.F. Volume regulated by moving foot up and down.
List, \$12.00.
YOUR PRICE \$7.06
D10065—Radolok Model 10. Volume regulated by moving foot from side to side.
List, \$12.00.
YOUR PRICE \$5.30

Radolek 15 Watt Deluxe

Compare These Features!

Entirely self-contained. Remarkably fine tone response essentially flat from 50 to 10,000 cycles. Inverse feedback provides clean reproduction at maximum output. Continuously variable tone control quickly accentuates base or treble as required. Polarized connecting plugs and sockets eliminating all possibilities of a wrong connection.

Attractive Modern Appearance

Radolek Amplifiers bring you styling and deluxe professional appearance that will make a favorable impression in any installation. The base is finished in baked maroon crackle enamel. The Streamlined Protective Shield is finished in baked grey crackle enamel, attractively trimmed with chrome bands and handles. Control indicator plates are etched black with frosted silver numbers. Knobs are red pointer type.



For Use on 105-120 Volts
50-60 Cycle AC

Full 15 Watts — Powerful — Compact — High Gain Push-Pull For Crystal, Velocity or Dynamic Microphone and Phonograph

Many Applications!

The ideal amplifier for low-priced installations. These applications represent just a small percentage of the numerous opportunities offered for installation of this compact, high quality public address unit—Call Systems, Store Advertising, Inter-Communicating Systems, Small Auditoriums, Telephone Boosters, Restaurants, Cafes and Lodges. The low hum, triple filtered circuit makes it especially commendable for use in Funeral Parlors, Classrooms and Clubs. The compact size and rugged construction of this amplifier make it well adapted for many portable applications.

Perfect coverage for indoor audiences up to 8000 people, and outdoor areas 3000 to 10,000 square feet!

Quality Equal to Larger Systems

Designed by the same engineers and built of the same high quality parts as the larger, more expensive Radolek Amplifiers. Each system is subject to careful test and guaranteed to provide satisfactory performance.

Phonograph Input

Plug-In Phonograph Connections with individual volume control. Any type of high impedance crystal or magnetic pick-up may be used. Phono top described below may also be used. Perfect reproduction of records is assured. Separate phono volume control on front panel permits phonograph music to be blended with speech input to any degree of ratio desired.



PAGE 102

Uses Push-Pull 6L6 Power Tubes

A pair of 6L6's are capable of delivering up to 15 watts of output power. The Radolek 15 Watt High Gain Amplifier uses these highly efficient tubes in the output stage, operating them at an ultra conservative point so that a full-distortion free 15 watts is obtained (considered on a commercial basis). In addition to the exceptionally clean output that results you can count on an extraordinary long life from the tubes.

Simplified Mixer and Fader

Complete Input Control System including separate Volume Controls for Phonograph and Microphone is built right into the Amplifier. The inputs are so inter-connected that complete mixing or fading between them can be accomplished easily and efficiently. Enables a voice announcement to be superimposed on a musical background from Phonograph, etc. Genuine Electronic Mixing system allows volume adjustment of either input without affecting the volume level of the other. "Cross talk" is absolutely eliminated.

Tone Control

Radolek's newly developed "feedback" tone control circuit provides a total adjustment of output heretofore unobtainable in any amplifier of this size. Delivers a full distortion-free 15 watts of power regardless of tone control setting. Bass register is brought out without distortion of high frequencies, as is common to most amplifiers.

4 Stage—High Gain

Most amplifiers of similar rating provide only 3 stages of audio. Radolek gives you 4 high gain stages which provide ample amplification for using low output microphones even when exceptionally long cables are necessary.

Phonograph Attachment

Consists of constant speed phono motor with 9" turntable and high grade crystal pickup mounted on amplifier protective shield. May be substituted in place of regular shield. Amplifier has plug-in connection jacks mounted so that all connections are enclosed inside of shield. May be purchased with amplifier or added to amplifier at a later date.

D15093—Phono attachment unit as described less amplifier. List, \$33.25. **\$745**
YOUR PRICE

Biggest Sound Value!

Here Radolek offers you a Class "A" push-pull output Fifteen Watt, Four Stage Six Tube amplifier at lower cost than is usually asked for lower power amplifiers using single pentode tube output. Only with genuine Class "A" push-pull output can high fidelity, distortion-free reproduction be secured. Combination input, high gain for crystal, ribbon velocity, or dynamic microphones. Separate input for crystal or magnetic phono pickup. COMPARE—we ask!—this amplifier represents a value that today stands unequalled in the field of Public Address equipment.

Amplifier Specifications

1. 15 Watts Push-Pull Class "A" output.
2. 4 Stage High-Gain Input with Six new multi-function tubes, 1-6SF5, 1-6SC7, 1-6N7, 2-6L6's, 1-5Y4G.
3. Extremely Low Hum Level. Only .1 or 1%.
4. Only .002 volts input Signal required to obtain maximum output.
5. 130 DB. gain for microphone. 5 Db. gain for phono.
6. Resistance coupled right to final output assuring flat response. Plus or Minus 2 Db. 50-10,000 cycles.
7. Output Impedances, 4, 5, 250, and 500 ohms from built-in output transformer. Two speaker sockets.
8. Polarized Plug-In Input and Output connections.
9. Mixer and Fader is electronic type built into amplifier.
10. Two Volume Controls, one for microphone, one for phonograph.
11. Master Tone Control and on-off switch.
12. Universal Input for Velocity, Crystal or Dynamic Microphone and Phonograph.
13. Inverse Feedback—insures greater output without distortion and improved tone quality on peaks.
14. Easily replaced fuse.
15. Pilot Light shows when amplifier is "on."
16. Overall height including protective shield, 6". Base size, 5 1/2" wide, 14 1/2" long, 3" high.
17. Net Weight, 7 lbs. Shipping Wt., 10 lbs.

Prices 15 Watt Deluxe Amplifier

D15085—Radolek 4-Stage, 15-Watt, High-Gain Deluxe Two Channel Input Amplifier. Factory wired and Laboratory Certified. Supplied without tubes but with protective shield. List Price, \$34.50.

YOUR PRICE

\$16⁴⁵

D15086—Complete Amplifier with Set of Six Matched Sylvania Tubes consisting of 1-6SF5, 1-6SC7, 1-6N7, 2-6L6's, 1-5Y4G. With protective shield. List Price, \$42.75.

YOUR PRICE

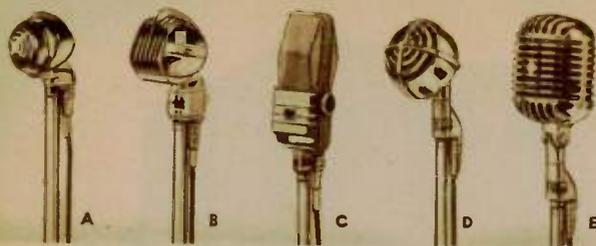
\$20⁵⁰

RADOLEK COMPANY

World Radio History

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Public Address Systems

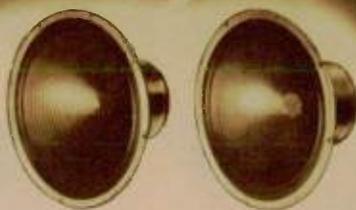


Choice of Microphones

You may choose any of the microphones illustrated when ordering the Sound Systems described on this page. If you choose: Type A Bullet Crystal No extra charge, Type B Bullet Dynamic or Type C Velocity add \$3.50 to your order, Type D Shure Uniplex add \$8.00, Type E Shure Unidyne add \$13.50. If no choice is specified Type A will be supplied. See page 100 for a complete description of these microphones.

Fast—Easy Set Up and Operation

Radolek Amplifiers and Sound Systems are easy to install and use and are reliable in operation. No technical knowledge or experience is required to obtain best results as everything possible has been done to simplify the system's operation. Systems come to you complete—ready to set up in a few minutes. Speakers and microphones are supplied with cables connected to polarized plugs. Just "plug-in" the easily identified connections and you're all set to go. Each system is carefully assembled and wired. A thorough test of the completed system is made before shipment, assuring you of trouble free operation when you receive it. Complete instructions included with each system.



Speakers

The speakers supplied with the systems listed below are the latest type heavy duty 12" Permanent Magnet Dynamic Speakers with 20 oz. magnets. Speakers do not require external field excitation and use only two wires for connection to amplifier. Each speaker is equipped with a parallel wired outlet socket into which an additional speaker or speaker combination may be plugged making it unnecessary to run each speaker cable back to amplifier. Saves many feet of cable.



Microphone Stand

The mike stand regularly supplied with systems listed below is a 10" high desk type having a heavy cast metal base. Base is black crackle finish, stem of highly polished chrome. Floor stand may be substituted on any of the systems at an additional cost of \$2.80. Demountable floor stand suitable for use with portable systems may be substituted at an additional cost of \$4.06. See Page 100 for complete description.



15 Watt Public Address System for Permanent Installations

Economy Model

System Prices

DeLuxe Model

An ideal system for small installations such as Clubrooms, Restaurants, Store Demonstration systems, Taverns, etc. Complete system includes: 15 watt high gain push-pull amplifier with protective installation shield, set of six matched Sylvania tubes, choice of microphone as explained above with 25 ft. cable and plug, microphone desk stand, one 12" heavy duty PM dynamic speaker with 25 ft. of cable and plug, and one blue fabrikoid covered wall baffle. All parts are completely wired ready to install. For 105-120 Volt 50-60 cycle AC operation.

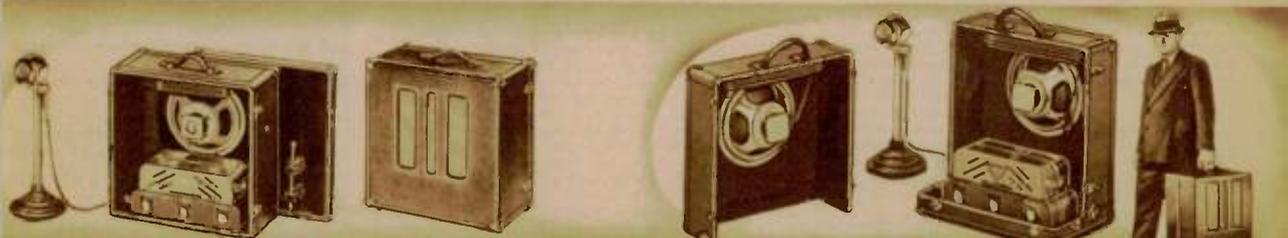
D15098—Economy 15 Watt System. Complete with all equipment, ready to operate as described at left.
List Price, \$60.00.
YOUR PRICE \$31⁹⁵

A highly practical Public Address System that will fulfill the requirements of many installations. Suitable for use as Office Call Systems, in Small Auditoriums, Small Ballrooms, Carnival Concessions, Night Clubs, etc. Complete system includes: 15 watt high gain push-pull amplifier, set of six matched Sylvania tubes, choice of microphone as explained above with 25 ft. of cable and plug, microphone desk stand, two heavy duty 12" PM dynamic speakers each with 25 ft. of cable and plug and two wall mounting blue fabrikoid covered baffles. All units are completely wired and system is ready to operate. Each system is subject to careful test before shipment. For 105-120 Volt 50-60 cycle AC.

D15099—Economy 15 Watt System. As above except less microphone and stand.
List Price, \$45.00.
YOUR PRICE \$24⁹⁵

D15091—DeLuxe 15 Watt System. Complete with all equipment, less Amplifier Shield, ready to operate as described at right.
List Price, \$78.00.
YOUR PRICE \$39⁵⁰

Servicemen! Use this system as a demonstrator in selling P.A. Its high standard of performance makes it possible to give your customer a real idea of what he may expect from the system he buys.



15 Watt Public Address Systems for Portable Use

Economy Model

System Prices

DeLuxe Model

System consists of 15 Watt High-Gain Push-Pull Amplifier, set of six matched Sylvania tubes, heavy duty 12" PM speaker, choice of microphone and desk stand housed in one sturdy, convenient leatherette covered carrying case, size 17 x 17 x 9 inches. Mike and speaker each have 25 ft. of connecting cable and plug. Meets the need for a compact and inexpensive Sound Distribution System. Each System is subject to careful test before shipment and guaranteed to provide satisfactory performance when used under the conditions for which intended.

D15083—Economy 15 Watt Portable System complete with all equipment, including protective amplifier shield, ready to operate as described at left. For 105-120 Volt 50-60 cycle AC.
List Price, \$70.00.
YOUR PRICE \$36⁹⁵

Designed for compactness, yet case is large and heavy enough to allow proper baffling for speakers and provide excellent reproduction of either voice or music. Includes 15 watt high-gain push-pull amplifier, set of 6 Sylvania Tubes, 2 heavy duty 12" PM speakers, each with 25 ft. of cable and plug, choice of microphone with 25 ft. of cable and plug, microphone stand housed in one unit. All parts are mounted to provide proper weight distribution. 3 Piece case is covered with durable blue leatherette size, 14x18x19". Net weight 28 lbs.

D15092—DeLuxe 15 Watt Portable System complete with all equipment, including protective amplifier shield as described at right. For 105-120 Volt 50-60 cycle AC. List, \$90.00.
YOUR PRICE \$46⁹⁵

Radolek 30 Watt DeLuxe



Attractive Modern Appearance

Radolek Amplifiers bring you styling and DeLuxe professional appearance that will make a favorable impression in any installation. The case is finished in baked maroon crackle enamel. The Streamlined Protective Shield is finished in baked grey crackle enamel, attractively trimmed with chrome bands and handles. Control indicator plates are etched black with frosted silver numbers. Knobs are red pointer type.



Operates on 105-120 Volts 50-60 Cycle AC

Three Channel Input For Two Microphones and Phonograph

Covers Indoor Audiences of up to 8,000 People or an Outdoor Area of up to 30,000 Square Feet

Biggest Value—Widest Use

Here is the most amplifier for your money in the entire PA field. Alert modern engineering leadership and volume production have produced this super value. Finest quality in every detail. Widest usefulness. Tremendous power. Use this amplifier for your rental jobs as well as for permanent installations. It can be tuned down to handle the small installation and has sufficient reserve power to handle any but the largest setups. Feel confident to sell and install this High Quality Amplifier under toughest competitive conditions.

Simplified Mixer and Fader

Complete Input System including separate Volume Controls for Phonograph and Microphones is built right into the Amplifier. The inputs are so inter-connected that complete mixing or fading between them can be accomplished easily and efficiently. Enables a voice announcement to be superimposed on a musical background from Phonograph, etc. The volume on the microphone can be individually adjusted so that the different sections of an orchestra can be tuned down or brought out as desired. One microphone can be used to carry the orchestra as soft-background music; the other microphones for a singer, etc.

Dual Rectifiers

A new feature providing greater operating efficiency, longer life and cleaner power output. Dual Rectifiers—one for plate and grid bias voltages—one for screen voltages. Voltages remain constant in spite of varying power output levels providing a true "Class A" output than can otherwise be obtained. These new rectifiers are also of the slow heating type allowing the filament of the other tubes to heat up before plate voltage is applied—this prevents high initial voltage surges giving condensers less abuse and longer life.

Fast—Convenient—Easy Installation

Price

30 Watt DeLuxe Amplifier

For 105-120 Volts, 50-60 Cycle A.C.

D15019—Radolek 4-Stage, 30 Watt, High-Gain DeLuxe Three Channel Input Amplifier. Factory wired and Laboratory Certified. Supplied with protective shield but without tubes.

List Price \$30.00.

YOUR

PRICE

\$24⁴⁵

D15021—Complete Amplifier with Set of Eight Matched Sylvania Tubes consisting of 2-6SF5's, 1-6SC7, 1-6N7, 2-6L6's, 1-5V4G, and 1-6X5.

List Price \$40.88.

YOUR

PRICE

\$29⁸⁹

Bass and Treble Tone Controls

Either low or high frequencies may be accentuated, both highs and lows may be accentuated at once, or a flat uniform response can be obtained. Innumerable variations are possible so that any tonal requirement may be fulfilled. This feature is particularly valuable for installations which must fit every type of public speaker, stage, orchestra and hall. Accentuating the highs makes a speaker's voice far easier to understand. Accentuating bass responses will make a high pitched voice sound more pleasing to the ear, will bring out the low notes as desirable in reproducing organ music, and will often assist in eliminating acoustical feedback. True wide range response is now possible as never before.

Phonograph Attachment

Consists of constant speed phono motor with 9" turntable and high grade crystal pickup mounted on amplifier protective shield. May be substituted in place of regular shield. Amplifier has plug in connection jacks mounted so that all connections are enclosed inside of shield. May be purchased with amplifier or added to amplifier at a later date.

D15013—Phono attachment unit as described with amplifier.

List. \$15.00.

YOUR PRICE

\$7⁴⁵

Amplifier Specifications

- 30 Watts "Laboratory Certified" Push-Pull 6L6 "Beam Power" Output.
- Four stages, eight tubes: 2-6SF5's, 1-6SC7, 1-6N7, 2-6L6's, 1-5V4G, 1-6X5.
- 133 Db. variable gain for all stages of microphones.
- Frequency characteristic curve flat within 2 Db. from 50 to 8000 cycles.
- Three channel input—Two Microphone and one Phono.
- Polarized Plug-in connections for three speakers, two mikes and phonograph.
- Complete built-in genuine electronic 2 channel Mixing and Fading System.
- Separate volume control for each of three channels.
- Provisions for connection of remote control.
- Dual tone controls. Treble and bass boost circuit.
- Inverse Feedback. New balanced feedback development assures freedom from distortion peaks.
- Output Impedances: 2, 4, 8, 166, 250, and 500 ohms. Impedance selector for convenient speaker adaptability.
- Extraordinary low hum level—only .1 of 1 per cent.
- Power consumption 150 Watts.
- Power supply, 105-120 volts, 50-60 cycle AC.
- Fully protected with easily accessible quickly renewable fuse.
- Pilot light shows when On or Off.
- Separate On-Off switch.
- Dimensions, with shield: 7½" high, 6½" wide, 10½" long.
- Net weight, 33 lbs. Packed, 39 lbs.
- Bottom protecting plate.
- Finished in baked-on red crackle enamel.
- Protective steel shield with chromium bands standard equipment.

Remote Control Unit

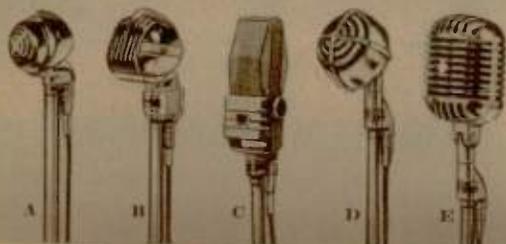
D15136—Optional Equipment. Permits control of volume for two microphones at a remote point. Amplifier is already arranged to use remote control, no wiring or changes necessary. Complete with 50 ft. of cable and plug.

YOUR PRICE

\$5⁰⁰



Public Address Systems



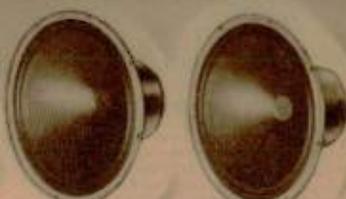
Choice of Microphones

You may choose any of the microphones illustrated when ordering the Sound Systems described on this page. If you choose: Type A Bullet Crystal No extra charge, Type B Bullet Dynamic or Type C Velocitor add \$3.50 to your order, Type D Shure Uniflex add \$8.00, Type E Shure Uoidex add \$13.50. If no choice is specified Type A will be supplied. See page 100 for a complete description of these microphones.

Complete Ready to Operate

Radolek Amplifiers and Systems are quickly and easily installed and are reliable in operation. You need not have sound or engineering ability or other technical knowledge to obtain best results. No complicated wiring! Just "plug-in" the easily identified connections and you're all set to go. Speakers and microphones are supplied with cables connected to polarized plugs making it impossible to plug into the wrong place. Radolek engineers check each system after it is wired and assembled and before it is shipped assuring correct and trouble-free operation when the system reaches you.

All PA Systems on this page operate from 105-120 Volts 50-60 cycles AC.

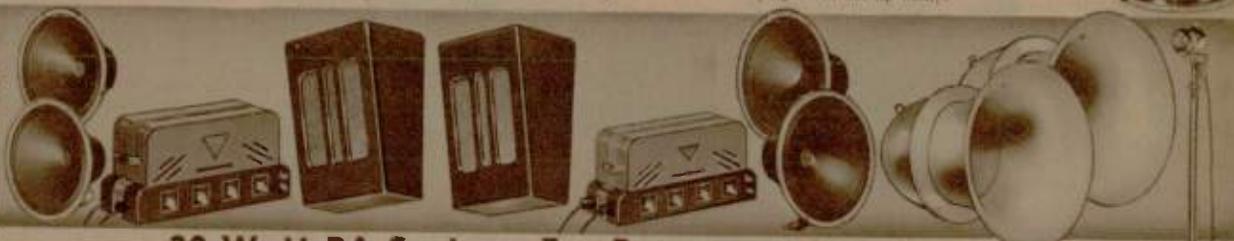


Finest Quality Speakers

The speakers supplied with the systems listed below are the latest type heavy duty 12" permanent Magnet Dynamic Speakers with 31 oz. magnet. The two speakers will handle the full output of the amplifier without distortion. They do not require external field excitation and use only two wires for connection to amplifier. Each speaker is equipped with a parallel wired outlet socket into which an additional speaker or speaker combination may be plugged making it unnecessary to run each speaker cable back to amplifier.

Microphone Stand

Full 68" tall, highly polished chrome plated stand with weighted base. Friction clutch allows instant raising and lowering of microphone. Weight of mike will not cause slipping. Will not tip easily.



30 Watt PA Systems For Permanent Installations

For Indoor Installations

Includes all equipment required to install a High Fidelity Public Address System for indoor locations. Equipment supplied: 30 watt DeLuxe Amplifier with protective shield fully described on opposite page. Set of Eight matched Sylvania Tubes, Choice of Microphones with 25 ft. of connecting cable and plug as explained above. Heavily weighted all chrome plated Microphone Floor Stand, Two heavy duty 12" PM Dynamic Speakers each with 25 ft. of connecting cable and plug and Two Wall Buffers, covered with attractive blue fabricoid.

D15014—Complete 30 watt DeLuxe Indoor PA System as described above.

List Price, \$110.00.

YOUR PRICE

\$53.50

D15015—Above PA System complete with record player mounted into amplifier cover as illustrated on opposite page. List Price, \$125.00.

YOUR PRICE

\$59.95

For Outdoor Installations

Includes all equipment required to install a High Fidelity Public Address System for outdoor locations. Equipment supplied: 30 watt DeLuxe Amplifier with protective shield. Set of Eight matched Sylvania Tubes. Choice of Microphones with 25 ft. of connecting cable and plug as explained above. Heavily weighted all chrome plated Microphone Floor Stand. Two heavy duty 12" PM Dynamic Speakers each with 25 ft. of connecting cable and plug, and Two spun aluminum horns with waterproof protecting covers.

C15016—Complete 30 watt DeLuxe Outdoor PA System as described above. List Price, \$125.00.

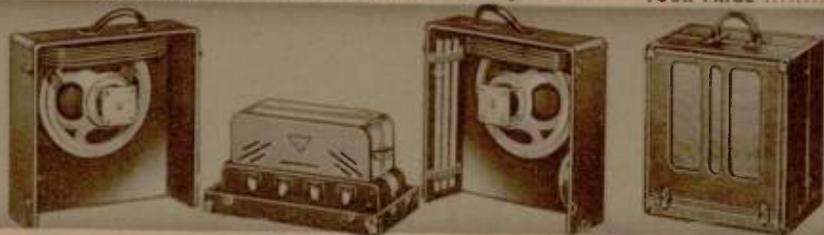
YOUR PRICE

\$59.95

D15017—Above PA System complete with record player mounted into amplifier cover as illustrated on opposite page. List Price, \$140.00.

YOUR PRICE

\$66.50



30 Watt DeLuxe Portable PA System

Superb Performance

Designed for compactness, yet case is large and heavy enough to allow proper baffling for speakers and provide excellent reproduction of either voice or music. The complete system including amplifier tubes, speakers, microphone, microphone stand and all necessary cables is housed in one unit readily transported by one person. All parts are mounted to provide proper weight distribution and balance when carrying. Case size, 20 1/2" high x 12 1/2" deep x 18 1/2" wide. Net weight 60 lbs. Sufficient room is provided in case to allow substitution of phono top on amplifier instead of plain top if desired.

Portable System Equipment

Easily and quickly set up—reliable in operation—no sound or engineering ability or other technical knowledge is necessary to obtain best results. The complete system includes: 30 Watt Triple Input Amplifier with protective shield described on opposite page. Matched set of 8 Sylvania tubes. Choice of one microphone as indicated above, with 25 ft. of cable and plug. Demountable 68" floor stand that fits into carrying case. Two heavy duty 12" PM speakers, each with 25 ft. of cable and plug. Complete equipment is housed in 3 section carrying case.

Prices

D15022—30 watt DeLuxe Portable System complete ready for operation as described.

List Price, \$135.00.

YOUR PRICE

\$65.75

D15024—30 watt DeLuxe Portable PA System complete ready for operation as described except includes record player mounted into amplifier cover as illustrated on opposite page.

List Price, \$150.00.

YOUR PRICE

\$72.50

The Complete Public Address System is contained in a 3 piece portable blue fabricoid covered case and is readily transported by one person.



Radolek 50 Watt Deluxe

6 Inputs — 4 Microphone 2 Phono

Modern Appearance

Radolek Amplifiers bring you styling and DeLuxe professional appearance that will make a favorable impression in any installation. The base is finished in baked maroon crackle enamel. The Streamlined Protective Shield is finished in baked grey crackle enamel, attractively trimmed with chrome bands and handles. Control indicator plates are etched black with brushed silver numbers.

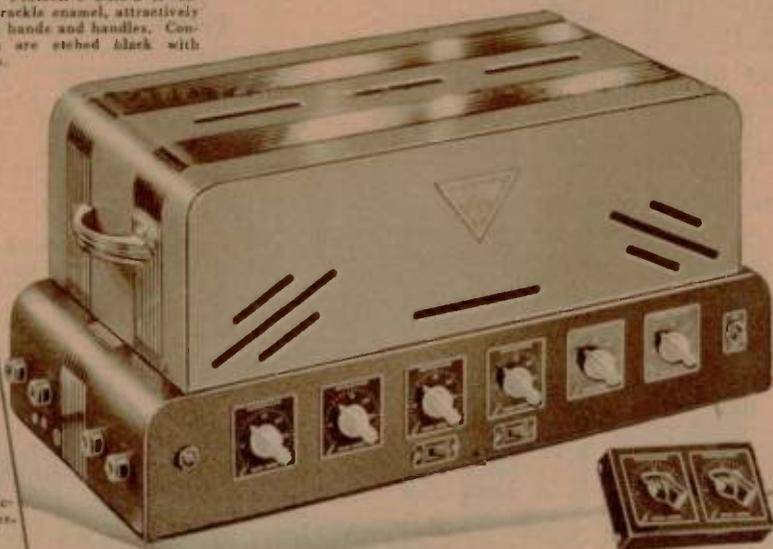
Has Automatic Volume Control

Remote Control

Optional Equipment. For use with above Amplifier. Permits control of volume for two microphones at any remote point up to 1000 ft. from amplifier. Control cables plug into amplifier. Amplifier is already arranged to use remote control, no wiring or changes necessary. **D15136 — Radolek Remote Control Unit.** Complete with 50 ft. of cable and necessary plugs.

YOUR PRICE \$550

For Use on 105-120 Volts 50-60 Cycle AC



Handless Input Connections for 4 Microphones, 2 Phono pickups.



Without AVC — Volume level always too low or too high. Seldom just right.



With AVC — Constant Volume Level regardless of talker's position.

For Crystal, Dynamic or Velocity Microphones

A SUPER POWER Amplifier engineered for the sound specialist who demands the best quality reproduction combined with convenience in operation and attractive appearance. Every detail of design has been carefully worked out. 50 Watt "Beam Power" Laboratory Certified output. Tremendous in power yet compact in size and conveniently flexible in operation. A perfectly balanced combination especially suited for the most exacting installations. Remarkably easy to connect and operate. Designed to eliminate all possibilities of costly mistakes in set-up. Anyone without technical experience or training can handle every function of operation with perfect satisfaction.

Perfected Dual-Action Tone Control

Either low or high frequencies can be accentuated as desired. This feature is particularly valuable for installations which must fit every type of speaker, singer, orchestra, and hall. Accentuating the highs makes speakers' voices far easier to understand. Accentuating bass response will make a high pitched voice sound more pleasing to the ear, will bring out the low notes so desirable in reproducing organ music, and will often assist in eliminating acoustical feedback.

Speaker Matching Switch for Speakers

Eliminates complicated wiring. As many speakers as desired can be used by just "plugging-in" to polarized sockets. A special impedance-changing switch provides instant changeover and correct adaptability to various types and quantity of speakers. Switch may be locked in position.

Phono Attachment

Consists of constant speed phono motor with 9" turntable and high grade crystal-pickup mounted on amplifier protective shield. May be substituted in place of regular shield. Amplifier has plug in connection jacks mounted so that all connections are enclosed inside of shield. May be purchased with amplifier or added to amplifier at a later date.

D15011—Phono attachment unit as described less amplifier.

List, \$23.00 **YOUR PRICE \$1075**

Prices 50 Watt DeLuxe Amplifier

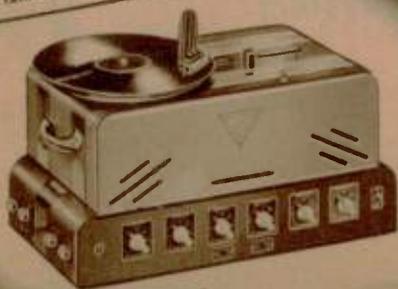
For Use on 105-120 Volts, 50-60 Cycle AC

D15130—Radolek 4-Stage, 50 watt, High-Gain DeLuxe Six Channel Input Amplifier. Factory wired and Laboratory Certified. Supplied with protective shield but without tubes.
List Price, \$100.00.
YOUR PRICE \$4950

D15131—Complete Amplifier with Set of Fourteen Matched Sylvania Tubes consisting of 4-6SF5's, 2-6N7's, 1-6H6's, 4-6L6's and 2-5Y3's.
List Price, \$115.34.
YOUR PRICE \$5867

Super-Power Features

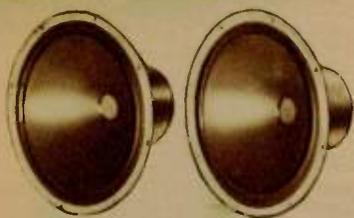
- 50 Undistorted Watts to speaker voice coils. Completely free from drawing grid current on peaks within normal power.
- Six Input Channels with plug-in connections. Four high gain 130 db. for all commercial microphones and two for phono input 80 db. Each channel independently controlled.
- Automatic Volume Control keeps output at practically constant level regardless of talker's position with relation to mike.
- Remote Volume Control. May be connected to regulate volume of two microphones from remote point.
- Fourteen Multi-function Tubes, 4 Stages: 4-6SF5's, 2-6N7's, 1-6H6, 4-6L6's, and 2-5Y3's.
- High Fidelity Tone with frequency characteristics flat within 2 db. from 40 to 9900 cycles.
- Tonal Color Control. Accentuates bass or treble as may be preferred.
- Complete Mixing and Fading System. Perfect control over each input providing any combination of tone and volume.
- Plug in polarized receptacles for four speakers.
- Automatic Speaker Matching. A convenient impedance changing switch permits use of various types and number of speakers. A single setting of this control assures a perfect impedance match with practically any selection of speakers.
- Output impedance tapped at 1/2, 2, 4, 8, 125, 166, 250 and 500 ohms.
- Only .005 Volts Input to obtain full output. Permits microphone cable lengths up to 200 ft.
- Exceptionally Low Hum Level, only .1 of 1% of total output.
- Low Power Consumption, 180 Watts. Tower supply required 105-120 volts, 50-60 cycles AC. Safety Fused.
- Strong Steel Chassis in lustrous red crackle finish. Dimensions, 19 1/2" long, 8 1/2" wide, 9" high including shield.
- Net Weight 20 lbs. Shipping weight 25 lbs.



Public Address Systems

READY TO SET UP AND OPERATE IN JUST A FEW MINUTES: Radolek Amplifiers and Systems are easy to install and operate and are reliable in operation. You need not have sound or engineering ability or other technical knowledge to obtain best results. By following a few simple instructions anyone can quickly set up and take down this equipment without error. No complicated wiring! Just "plug-in" the easily identified connections and you're all set to go. Speakers and microphones are supplied with cables connected to polarized plugs making it impossible to plug into the wrong place. Complete installation and operating instructions included. For 105-120 Volts 50-60 cycle AC.

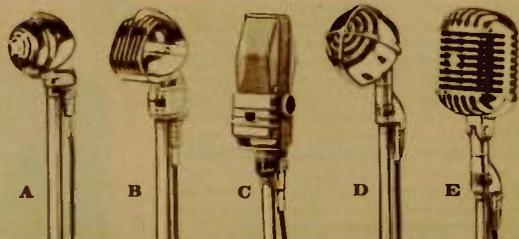
Choice of Microphones



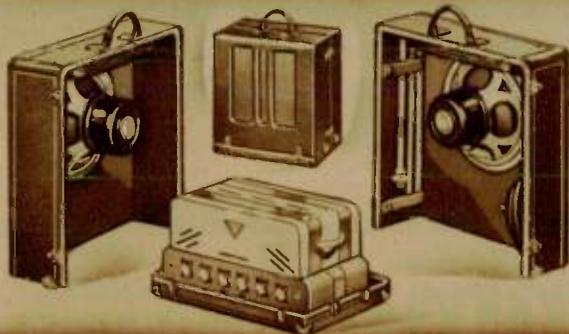
Each speaker is equipped with a parallel wired outlet socket into which an additional speaker or speaker combination may be plugged making it unnecessary to run each speaker cable back to amplifier.

Finest Quality Speakers

The speakers supplied are the latest type heavy duty 12" Permanent Magnet Dynamic Speakers with 31 oz. magnets. Do not require external field excitation and use only two connection wires. Four speakers will handle the full output of the amplifier with perfect clarity.



You may choose any of the microphones illustrated when ordering the Systems on this page. If you choose: Type A Bullet Crystal No extra charge, Type B Bullet Dynamic or Type C Velocity add \$3.50 to your order, Type D Shure Unidyn add \$8.00, Type E Shure Unidyn add \$13.50. If no choice is specified Type A will be supplied. See page 100 for complete description.



Complete 50 Watt Portable System

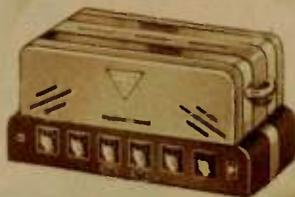
Designed for compactness, yet ease is large and heavy enough to allow proper baffling for speakers and provide excellent reproduction of either voice or music. The complete system includes: 50 Watt Six Input Amplifier with protective shield described on opposite page. Matched set of

14 Sylvania tubes. Choice of one microphone as indicated above, with 25 ft. of cable and plug. Demountable 68" floor stand that fits into carrying case. Two 12 inch PM Speakers, each with 25 ft. of heavy duty cable and plug. Complete equipment is housed in 3 section carrying case. Case size, 23" high x 14" deep x 20" wide. Net weight 73 lbs.

D15009—50 watt DeLuxe Portable System complete ready for operation as described. List Price, \$210.00.

YOUR PRICE

\$96⁵⁰



50 Watt Basic PA System

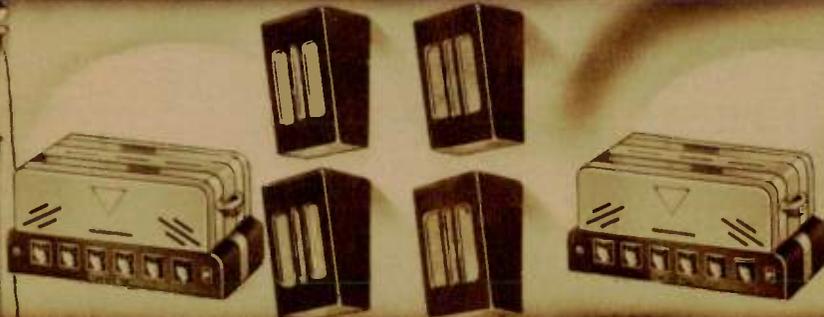
Designed for the Public Address Specialist who wishes to use his own special baffles or build the speakers into a wall using the wall as a baffle. Equipment includes: 50 watt DeLuxe Amplifier with protective shield, set of 14 matched Sylvania tubes, choice of one microphone as explained above with 25 ft. of cable and plug, 68" all chrome plated floor stand, and two heavy duty 12" PM Dynamic Speakers each with 25 ft. of cable and plug.

D15012—50 watt Basic PA System as described completely wired, ready to operate.

List Price, \$165.00.

YOUR PRICE

\$83⁵⁰



50 Watt Public Address Systems for Permanent Installations

For Indoor Installations

Includes all equipment required to install a High Fidelity Public Address System for indoor locations. Equipment supplied: 50 watt DeLuxe Amplifier with protective shield, 14 matched Sylvania tubes, choice of one microphone with 25 ft. of cable and plug, 68" all chrome plated microphone floor stand, four heavy duty 12" PM Dynamic Speakers each with 25 ft. of connecting cable and plug and your wall baffles, covered with blue fabrikoid.

D15005—Complete 50 watt DeLuxe Indoor PA System as described above. List, \$225.00.

YOUR PRICE

\$105⁰⁰

For Outdoor Installations

Includes all equipment required to install a High Fidelity Public Address System for outdoor locations. Will give sufficient sound coverage to handle 90% of your requirements. Equipment supplied: 50 watt DeLuxe Amplifier with protective shield, 14 matched Sylvania tubes, choice of one microphone as explained above with 25 ft. of cable and plug, 68" chrome plated microphone floor stand, four heavy duty 12" PM Dynamic Speakers each with 25 ft. of connecting cable and plug, and four spun aluminum horns with waterproof protecting covers.

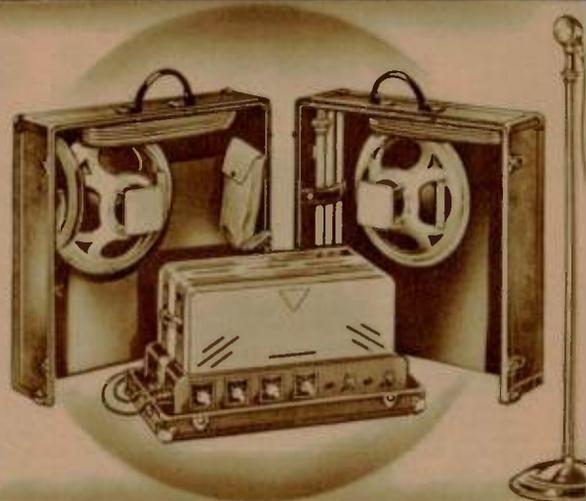
D15007—Complete 50 watt DeLuxe Outdoor PA System as described above.

List, \$250.00.

YOUR PRICE

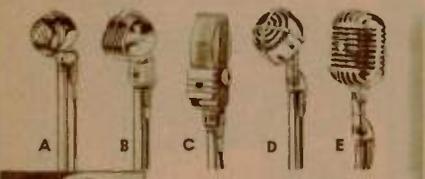
\$119⁰⁰

30 Watt Mobile Amplifier and Sound Systems



Operates From 6 Volt Battery or 110 Volt AC Line

- Extra Power Output—50% more than usual on mobile systems.
- One complete unit—no external power pack or current supply needed.
- Phonograph record player—optional—can be added later if preferred.
- Controls conveniently accessible. Easily handled even in heavy traffic.
- P.M. type speakers draw no field current, provide highest efficiency and greatest power with least battery drain. Can be used any place.



Choice of Microphones

You may choose any of the microphones illustrated when ordering the Sound Systems described on this page. If you choose: Type A Bullet Crystal No extra charge, Type B Bullet Dynamic or Type C Velocity add \$3.50 to your order, Type D Shure Unilux or Type E Shure Unidex add \$13.50, Type G Shure Crystal Hand Mike with "press to talk" switch add \$3.50. If no choice is specified Type A will be supplied. See page 100 for a complete description of these microphones.



D9971 Type H Shoulder Microphone Carrier for any of above microphones. Less Mike. **YOUR PRICE \$145**

No External Power Pack Required

Your Power Source troubles are over with this New Radolek General Purpose Public Address System. Operate it indoors from the 110 Volt AC Power line or set it up in a truck or passenger car with 6 volt storage battery. When your sound car is used in picnic groves or other locations where you stay in one spot use 110 V. AC power if available or if not, a 6 volt storage battery will do. Changeover instantly—no complicated connections, just plug into power line or clip onto battery, throw the power switch, and you're ready to go. Both 6 V. and 110 V. power packs are built into the amplifier. No external equipment used. Delivers tremendous volume with rich clear tone. Covers an audience of 8,000 people indoors. Under favorable conditions can be heard up to 1/2 mile away, outdoors.

Easy To Install

READY TO SET UP AND OPERATE IN JUST A FEW MINUTES: The Radolek 30 Watt Mobile System is easy to install and operate. You don't have to be an engineer. The most inexperienced novice can quickly set up and take down this equipment without error. No Wiring! Just plug-in. A few simple connections and you're all set to go. Plug-in connectors come already wired and are polarized making it impossible to plug into the wrong socket. Complete installation and operating instructions included.

Amplifier Only

D15025—30 Watt Mobile Amplifier only with protective cover less phonograph and tubes. List Price, \$100.00. **YOUR PRICE \$49⁵⁰**

D15026—30 Watt Mobile Amplifier with protective cover and set of 10 Matched Sylvania Tubes. Less phonograph. **YOUR PRICE \$55³⁴**

30 Watt Portable System

D15050—30 Watt Mobile Type Portable System less record player. Ready to operate. Includes: 30 Watt Triple Input Amplifier, 10 Matched Sylvania Tubes. Choice of microphone with 25 foot cable and plug as outlined above-left. Demountable 68" floor stand that fits into carrying case. 2 Heavy duty 12 inch P.M. speakers, each with 25 feet of cable and plug. Complete equipment housed in 3 section carrying case. Easy and quick to set up. Reliable in performance. Size of carrying case: 21 1/2" x 20 1/2" x 12 1/2". List, \$210.00. **YOUR PRICE \$98⁵⁰**

Mobile System For Truck Installations

D15027—Complete Mobile System including 30 Watt Amplifier with protective cover less phonograph: Two 12 inch finest quality 31 oz. magnet, P.M. Dynamic speakers with 50 foot cables and polarized plugs; Two Aluminum baffle horns, with choice of microphones listed above, left; with 25 feet of cable and polarized plugs and set of 10 matched Sylvania Tubes. No mike stand or holder supplied. **YOUR PRICE \$91⁵⁰**

Phono Attachment

Either system illustrated above may be purchased with phonograph attachment already installed or, phonograph attachment may be added at a later date without any additional wiring being necessary. Includes high-grade phono motor with 9" turn-table and Atatic crystal pickup. **YOUR PRICE \$93⁰⁰**

Most Versatile Amplifier

Big money will be made this year renting and selling public address systems for gatherings of every kind. In the entire P. A. field, the Radolek 30 Watt Mobile Amplifier gives you most for your money. Adequately covers indoor gatherings from a hundred or less up to large crowds of 8,000 and outdoor events of every type from a single tennis court match or small swimming tank meet up to athletic events on large fields 30,000 square feet in size.

Maximum usefulness is obtainable as a result of the combination 6 volt battery and 110 V. AC line operation provided in this amplifier. Dances — Dramatics — Concerts — Call Systems — Clubs — Schools — Churches — Auditoriums — Parks — Playgrounds — Garages — Parking Lots — Theatres and hundreds of places you can think of Right Now are good prospects for P.A. equipment. Prepare now to Cash in on the many P.A. installation possibilities in your locality—feel confident to sell and install this amplifier under the toughest competitive conditions.

Amplifier Specifications

1. Dual Purpose Amplifier—For operation on 6 volt storage Battery or 105-120 volt, 50-60 cycle AC line. No external power pack.
2. 30 Watts "Laboratory Certified" Output—Powerful new High-Gain "Inverse Feedback" circuit. Newest engineering. You can use every bit of the distortion-free power developed by this amplifier. Uses high impedance microphones such as Velocity, Crystal, Dynamic, etc.
3. Uses Ten Tubes—2-6SF5's, 2-6SR7's, 1-6J5, 2-6L8C's, 2-6X5G's.
4. Three Channel Input—Two for microphones, one for phonograph.
5. High Fidelity Output—Full rated output from battery or power line.
6. Built-in Mixing System—Each input independently controlled for volume and mixing.
7. Hi-Low Tone Control—Complete control of tone, either high or low may be emphasized or normal tone brought out with greatest purity.
8. Electrically operated Record Player—(optional equipment). Smooth running, self-starting, reliable motor. Fine quality crystal pick-up gives life-like reproduction.
9. Speakers—Provision is made for operation with either one or two P.M. dynamic speakers. Connections made with polarized plugs. No chance for wrong connections.
10. New Streamlined Design—All steel case. Plush-lined in two-tone wrinkle enamel. Lower section is in unison. Top shell is grey wrinkle, trimmed with chromium. Carrying handles permit easy transportation. Extra strong. Ample ventilation. Size: 9" high, 18" wide, 9 1/2" deep.

Outstanding Radio Set Values

Radolek 11 Tube Superheterodyne

6 Push Button Tuning—Built-in Aerial—Tuning Eye
3 Bands Tune 540 to 18,000 KC—12" Dynamic Speaker

Every possible refinement and engineering improvement necessary to provide the highest quality of radio reception and reproduction has been included in this Deluxe 11 Tube Super. Standard broadcasts come in with amazing clarity and delicacy. 6 button Synchronomatic tuning brings in favorite stations instantly, tuned exactly right. Short-wave bands provide reception for two-way airline broadcasts, for amateur operators all over the continent, and for foreign short-wave announcements of momentous events overseas. This is a radio for pleasure, for entertainment and for adventure, designed to give listeners the greatest possible enjoyment.

Exquisite Console Cabinet

As good to look at as it is to listen to. The cabinet has all the beauty of the conventional combined with the best of modern art, designed to appeal to the most discriminating taste. Walnut and other fine American woods are trimmed with Brazilian Rosewood finished grille and butterfly figured finished band. The entire cabinet is hand rubbed and polished to a rich, gleaming lustre. A very effective console.

Consider These Features!

In every respect the receiving unit matches the superb quality and fine craftsmanship of the cabinet. No quality feature has been omitted. 11 tube superheterodyne circuit includes Tuning Eye for accurate dial settings. Automatic push button tuning is combined with improved one-piece variable condenser and tuner. Built-in antenna eliminates aerial and ground connections. 12" electro-dynamic speaker provides balanced reproduction of all programs. Tuning range includes 540 to 1800 Kc., 1750 to 6000 Kc., and 5500 to 18,000 Kc. Slide-rule dial. Size of console, 32"x28"x15". Power output approximately 6 watts. Tubes: 1-80, 1-6K7G, 3-76, 2-6AC5G, 1-6K8G, 1-6K7G, 1-6Q7G, 1-6U5.

For 110-120 Volt AC operation.

D17586—11 tube Deluxe superhet. 3 gang, 3 band. List Price, \$89.50.

YOUR PRICE, Each \$47.50 **\$45⁹⁵**
In lots of 3 Each.....



6 Tube 2 Band AC-DC Superhet

5 Tube AC-DC Superhets



Telebeam Eye
•
Tunes 2½ Bands
•
Automatic Volume Control

An outstanding value in a powerful table model receiver. 6 Tube superheterodyne brings in all stations clearly under any conditions. Covers 2½ bands including standard broadcasts, police calls, aviation, amateur and 6 megacycle foreign. Beam power output, coupled with 5" electro-dynamic speaker for clear, full tone at all times. Automatic Volume Control cuts down fading, increases listening enjoyment. Tuning is fast and easy with Telebeam Tuning Eye. Tuning range, 540 to 1720 Kc. and 2300 to 6250 Kc. Finely balanced chassis is designed throughout with all latest engineering improvements to assure the most satisfactory reception and reproduction. Cabinet of selected and matched Walnut trimmed with artistic contrasting inlays and hand polished to a rich glossy finish. At tached aerial and ground. Size 12"x8½"x6". For AC-DC operation. Tubes used: 1-6Q7G, 1-25L6G, 1-25Z5, 1-6A7, 1-6D6, 1-6U5.

D17587—6 tube Telebeam Eye Superheterodyne. Complete with tubes. List, \$29.50.

YOUR PRICE, Each \$14.25 **\$13⁴⁵**
In Lots of 3, Each.....



D17588—With tubes. List, \$19.95.
YOUR PRICE \$12.95 **\$11⁹⁵**
Lots of 3, Each.....

Has 6 button synchronomatic tuning. Splendid tone quality Electro-dynamic speaker. Tunes 2½ bands, 540 to 1720 Kc. and 2300 to 6250 Kc. Includes standard broadcasts, police, aviation, amateur and foreign. Built-in antenna eliminates aerial or ground. Automatic Volume Control cuts down fading. Built for record playing attachment. Polished Walnut wood cabinet has convenient carrying handle. Size, 11½"x7½"x6½". For 110V. A.C.-D.C. operation. Tubes used: 1-35L6GT, 1-12Q7GT, 1-12A8GT, 1-35Z5GT, 1-12K7GT.

Synchronomatic Push Button Tuning



D17589—Complete with tubes. List Price, \$14.50.
YOUR PRICE \$14.45 **\$13⁹⁵**
Lots of 3, Each.....

Has beautiful Walnut wood cabinet with contrasting bands of V-matched marquetry overlay, polished to a high finish. 6-button synchronomatic tuning. Tunes 2½ bands, 540 to 1720 and 2300 to 6250 Kc., covering standard broadcasts, police, aviation, amateur and 6 Mc foreign. Automatic Volume Control minimizes fading. Electro-dynamic speaker insures finest tone quality. Built-in Antenna. Designed for record playing attachment. Size, 11½"x7½"x6". AC-DC. Tubes 1-35L6GT, 1-12Q7GT, 1-12A8GT, 1-35Z5GT, 1-12K7GT.

Built-In Aerial and Ground



D17590—Complete with tubes. List Price, \$22.50.
YOUR PRICE, Each \$13.95 **\$13²⁵**
In lots of 3 Each.....

6 Button synchronomatic tuning brings in favorite stations instantly. Electro-dynamic speaker provides rich, natural tone. Tuning range, 540 to 1720 Kc. and 2300 to 6250 Kc. Picks up standard broadcasts, police calls, aviation, amateur and 6 Mc. foreign. Built-in Antenna replaces aerial and ground. Automatic Volume Control minimizes fading. Built for record playing attachment. Beautifully finished Walnut wood cabinet has carrying handle. Size overall, 11½"x7½"x6". Operates on AC or DC. Tubes: 1-35L6GT, 1-12Q7GT, 1-12A8GT, 1-35Z5GT, 1-12K7GT.

Melody Cruiser 5 Tube Super



Sails and Rigging Act As Antenna

D18505 — Melody Cruiser, complete with tubes. List, \$27.50.

YOUR PRICE, Each \$16.17 **\$14⁴⁵**
In lots of 6 or more, Each.....

The most unusual radio novelty of the year. Beautiful ship model houses powerful 5 tube superhet receiver. Hull and cabin are selected Walnut, with the cabin in light finish to contrast with darker hull. Hand-rubbed finish has glossy sheen. Rigging and sails are gleaming chromium plate, with miniature fittings in the authentic Clipper

Ship tradition. Designed to please all lovers of fine nautical craftsmanship. Metal sails and rigging act as antenna, completely eliminating need for any aerial and ground connections. Radio matches ship model in quality. Has powerful permanent magnet speaker for full-tone reproduction of all programs. Nautical style illuminated dial. 5 tube superhet guarantees perfect reception under any conditions. Tunes standard broadcasts from 550 to 1700 Kc. Size, 21½" long, 5" wide, 18" high. Tubes: 1-12A8GT, 1-12K7GT, 1-12Q7GT, 50L6GT, 35Z5GT. For 105-120 volt AC-DC.

**Sensational
VALUE**

Radolek 7 Tube 2 Band AC Superhet

**Table Model
RADIO**



*A fine Quality
Radio
That is Sure
to please*

- Two Band Tuning covers 535 to 1600 Kc and 5750 to 18,300 Kc. • Large Edge lighted Slide Rule Dial.
- Built-In Aerial. • Tone Response Control. • Automatic Volume Control. • Phono Connection.
- Push Pull Audio Beam Power Output. • 6" Electro Dynamic Speaker. • Walnut Veneer Cabinet.

One of the Year's Sensational Values—More radio for your dollar than we have ever before been able to offer. Unbelievably low in price yet contains DeLuxe features usually found only in sets selling at a much higher price. Faithful tone, highly visible easy tuning, phonograph connections, attractive styling, and many other sales building factors.

Foreign and Short Wave Reception—Get the latest world news first hand, sometimes even before it appears in the papers or is read over the air by local news commentators. Hear all sides of current international problems now broadcast in English from leading foreign short wave radio stations. Listen to the music of many lands. Hear ships at sea conversing with stations on shore, planes in flight receiving instructions and latest flying weather reports from their traffic control bases on the ground; radio amateurs conversing with one another; police calls, and many other broadcasts.

New Edge-Lighted Slide Rule Dial—Attractive, highly visible edge-lighted slide rule dial with vernier drive allows accurate tuning of all stations. Large 4 color direct reading tuning scales for quick finding and logging of stations. Relieves all eye strain and eliminates tensed or cramped tuning position necessary with other types of dials. Scales are direct reading over entire two band tuning range of from 535 to 1600 Kc (broadcast and upper police) and 5750 to 18,300 Kc (U.S. and foreign short wave stations).

Incorporates Latest Features. Automatic volume control circuit minimizes and in many cases entirely eliminates fading. Continuously variable tone control allows tone range adjustment of voice or music.

Built-in Loop Antenna allows perfect reception without the need for unsightly external aerial and ground wires. Permits operation of the set any place in the room, on the porch or outdoors—in fact any where a 110 volt 60 cycle AC outlet is convenient—Simply plug in and play.

Push-Pull Audio Output brings you finer, more realistic reproduction with a new richness and tonal perfection. Beam power output with heavy duty 6" electro-dynamic speaker handles full power without effort, reproducing each program with true life-like quality and adequate volume. Tubes used: 1-6SA7, 1-6SK7, 1-6SQ7, 1-6SF5, 2-6K6G and 1-5Y3G.

Richly Styled Table Model Cabinet finished in selected Walnut veneers with mahogany and maple inlay trim. Decorative speaker baffle bars are finished in matched grain walnut. Knobs are molded bakelite mahogany finish. The entire cabinet is rubbed to a lustrous polish. Size: 20 $\frac{3}{4}$ "x10 $\frac{3}{4}$ "x10 $\frac{1}{2}$ " deep. Ship. wt. 14 $\frac{1}{2}$ lbs.

D17652—Seven tube 2 Band AC Super, complete with tubes.

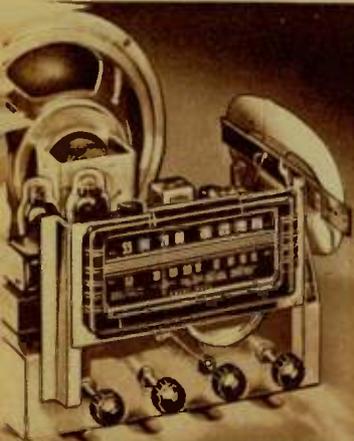
For 110-120 volt 50-60 cycle AC operation.

List Price, \$29.95.

YOUR PRICE, Each..... \$19.50 \$18³³

In Lots of 3 or More, Each

7 Tube 2-Band-Super Chassis and Speaker



Makes Ideal Replacement Receiver

For Installation in Any Cabinet

For the person who has a radio cabinet which is valued quite highly yet would like also to have the advantages of up-to-date radio reception, this 7 tube AC Super chassis with a 10" dynamic speaker makes an excellent 1941 replacement unit. This is the same receiver chassis as used in the Radolek 7 tube AC Super described above.

Has All Latest Features

All the latest 1941 features have been incorporated: built-in aerial, automatic volume control, tone control, 2 band tuning covering 535 to 1600 Kc (Broadcast and upper police bands) and 5.75 to 18.3 Mc (Short wave and foreign bands), latest slide rule tuning dial etc.

Latest Superheterodyne Circuit

Has maximum sensitivity and selectivity for bringing in hard-to-get distant stations. Push-pull audio and beam power output furnish true life-like tone and plenty of volume. Connections are provided for phonograph record player, television sound or F-M radio tuning adapter. Tubes used: 1-6SA7, 1-6SK7, 1-6SQ7, 1-6SF5, 2-6K6G and 1-5Y3G. Size, 12" wide, 8 $\frac{1}{4}$ " deep and 7 $\frac{1}{4}$ " high

D17653—7 Tube 2 Band AC Super Chassis complete with 10" electro-dynamic speaker, slide rule dial and tubes. For 110 volt 60 cycle AC operation.

YOUR PRICE, Ea \$16.95

In Lots of 3
Or More, Each

\$16²⁵

7 Tube Super Combination Radio Recorder and Phono



Automatic Phonograph with Record Changer SW and Broadcast Console Radio Home Recorder and PA System

4 INSTRUMENTS IN 1

Complete Home Entertainment Within the Reach of Everyone. Never before in the history of radio has so little money been able to bring you so much real enjoyment, such **Big Value** as is contained in this modern 4-Way combination radio set, phonograph, recorder and public address system. The entire assembly has been housed in a very attractive Walnut or Mahogany **Authentic 18th Century Hepplewhite, Highboy Cabinet**—a magnificent instrument that will gratify the most discriminating buyer.

Make Your Own Records at Home—it's so simple, anyone can do it—with perfect results. Latest high fidelity crystal microphone with desk stand and 10 ft. of cable comes already attached to recorder amplifier, ready for instant use. The entire family and all your friends will enjoy having records made of their voices or musical accomplishments. In addition, recordings can also be made directly from the radio—important events, famous people, concert orchestras, dance music etc. With the microphone your own voice may be added to any radio program thus enabling you for instance to sing with the world's greatest orchestras or to add your own impromptu remarks or announcements. Excellent recordings may be made using acetate or composition discs up to 10" dia.

Public Address System for Speeches and Concerts. The same microphone used for recording, can also be used for talking or playing music through the loud speaker thus utilizing the speaker and amplifier as a public address system. This is especially useful when making speeches or giving concerts before medium sized crowds.

Latest 7 Tube 2 Band AC Superhet Receiver with broad-cast and shortwave band tuning, brings you Foreign as well as U.S. stations. Has many newest features—edge-lighted slide rule dial, variable tone control, automatic volume control, push-pull output, 10" electro dynamic speaker and others. For more detailed information see opposite page. Overall cabinet size: 29 $\frac{3}{4}$ x35x17 $\frac{1}{2}$ " deep. Ship. wt. 110 lbs.



Available With or Without Recorder
In Either Mahogany or Walnut Cabinet

With Recorder

Without Recorder

D17611—In Walnut Cabinet.
D17612—In Mahogany Cabinet.
7 Tube 2 Band AC Super Combination Radio Recorder and Record Player, complete with tubes, crystal microphone, 1 cutting needle, 3 play-back needles and 2 blank 6" acetate discs. For 110 Volt 60 Cycle AC operation. List, \$139.50.

D17613—In Walnut Cabinet.
D17614—In Mahogany Cabinet.
7 Tube 2 Band AC Super Radio-Phonograph Combination complete with automatic record changer and tubes but less records. Automatically plays 8 10" or 7 12" records. For 110 Volt 60 Cycle AC operation. List, \$99.50.

YOUR PRICE, Either Type
Each, **\$82.50**
In Lots of **\$78⁵⁰**
3 or More, Each

YOUR PRICE, Either Type
Each, **\$59.95**
In Lots of **\$56⁹⁵**
3 or More, Each



Automatic Record Changer

Automatically plays and changes fourteen 10" or ten 12" records except non-recording models which take up to eight 10" or seven 12" records. Both types manually play all acetate and commercial records up to 12" dia. Records can be rejected at will. Pickup used in each is latest high fidelity crystal type with true-tracking light needle weight arm.



7 Tube 2 Band AC-Super Console

A splendid value in a console that is very attractively priced yet incorporates many Deluxe features ordinarily found only in higher priced sets. Clear high fidelity tone, high visibility tuning, (\$35 to 1600 Kc for U.S. and Canadian regular broadcast stations and \$750 to 13,300 for U.S. and foreign short wave programs) connections for external phonograph attachment, television sound or FM tuner and many others that delight the eye and ear winning immediate sales appeal.

The short wave band will give the listener a never ending series of interesting broadcasts both domestic and foreign. Get the latest world news, enjoy foreign entertainment programs, hear ships at sea, aeroplanes in flight and hundreds of thrilling broadcasts to be found on the short wave band 5,750 to 18,300 Kc.

Many Big Features—New edge-lighted vernier drive slide rule dial, in four harmonious colors, provides a quick and accurate means of tuning all stations both local or distant. Individual direct calibrated scales for each band relieves all eye strain and eliminates tensed tuning position often necessary with other types of dials. Tone control is continuously variable

allowing wide range adjustment of tonal color to suit the individual taste. Automatic volume control maintains constant volume level on local stations and minimizes or in many cases eliminates fading of distant reception.

Built-in antenna allows perfect reception without the need for external aerial and ground connections. Push-pull output circuit delivers full power to heavy duty 10" electro dynamic speaker which reproduces voice and music with rich harmonious tonal quality. Attractively styled console cabinet is finished in selected Walnut veneers and other contrasting woods. Reversed sloping tuning panel is set apart by curved pilasters and harmonious speaker grille bars backed by neatly designed grille cloth. Tubes used: 1-6SA7, 1-6SK7, 1-6SQ7, 1-6SF5, 2-6K6G's, 1-5Y3G. Size: 29 $\frac{3}{4}$ " x37 $\frac{3}{4}$ "x12" deep. Ship. wt. 47 lbs.

D17659—Radolek 7 Tube AC Super complete with tubes and input connections for television sound, F-M tuner and phonograph. List Price, \$49.95.

YOUR PRICE,
Each, **\$29.95**
In Lots of **\$27⁵⁰**
3 or More, Each

Push Button TUNING Radolek 8 Tube 3 Band AC Super Push-Pull OUTPUT



● Push Pull Audio. ● Beam Power Output. ● Automatic Volume Control. ● Tone Control. ● Built-In Aerial. ● 3 Band Tuning 535 to 1600 Kc., 2.2-7.6 Mc., 7.5 to 24 Mc. ● Large Slide-Rule Dial. ● Edge-Lighted Tuning Scale.

8 Tube 3 Band AC Super—Unparalleled value in an automatic push button receiver. Incorporates many worth while features generally found only in larger more expensive radio sets. Everyone will enjoy the fine tone and excellent performance of this superb receiver with its ample 7 watts output and attractive up to the minute cabinet styling that blends with all kinds of furnishing and decorative schemes.

Three Tuning Bands. Foreign and Short Wave Reception—Get foreign news and foreign entertainment first hand on the two Short Wave bands 2.2 to 7.6 and 7.5 to 24 Mc. These bands bring in all the important foreign and domestic short wave stations. Everything of interest, foreign music, foreign news, ships at sea, aeroplanes in flight and many more interesting entertaining and educational broadcasts are yours at the twist of a dial. Standard broadcast and upper police bands from 535 to 1600 Kc. bring in regular broadcast reception from American and Canadian stations. Extreme sensitivity and exacting selectivity brings in distant stations with ease.

Illuminated Slide Rule Dial—Large, easy tuning slide rule dial with vernier drive is clearly calibrated with separate easy-to-read calibrations for each band. Fully illuminated four color scales with knife edge indicator, make tuning a pleasure. You know exactly band and frequency tuned.

Automatic Push-Button Tuning—A row of piano key push-buttons conveniently located beneath the tuning dial, allow the selection of any 6 stations for automatic finger tip tuning. Stations so chosen can be set up instantly and just as quickly and easily changed, singly or in groups, whenever desired. Control knob is provided for Manual Tuning of any station.

● Automatic 6-Push-Button Tuning. ● 6" Electro Dynamic Speaker. ● Selected Walnut Veneer Cabinet. ● Record Player Connection. ● Connection for Television. ● Connection for F-M Tuner.

Every Useful Feature—Built-in loop antenna allows perfect reception without the need for unsightly external aerial and ground wires heretofore necessary. Continuously variable tone control gives opportunity for adjustment of tone color for music or voice, to suit the individual taste. Automatic volume control circuit minimizes and in many cases entirely eliminates fading. Push-pull audio system feeding 7 Watts to heavy duty 6" electro-dynamic speaker gives thrilling life-like quality reproduction with plenty of volume. Connections are provided also for external phonograph, television sound, or F-M tuning adapter.

Attractive Styling—Richly styled table model cabinet finished in selected walnut veneers with mahogany and maple inlay trim. Decorative speaker baffle bars are finished in matched grain walnut. Neatly designed grille cloth is securely anchored in place. Kobs are molded bakelite, mahogany finish. The entire cabinet is rubbed to a lustrous polish. Tubes used: 1-6SJ7, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6SF5, 2-6K6C and 1-5Y3G. Size: 20 1/2" x 10 1/2" x 10 1/4" deep. Ship. Wt. 30 lbs.

D17650—Radolek 8 Tube 3 Band AC Super complete with tubes. For 110 V. 60 Cyc. AC operation.

List Price, \$39.95.

YOUR PRICE, Each \$27.95

\$26.45

In Lots of 3 or More, Each

5 Tube-Super Phono-Radio Combination

Gives you double the value for your money—a phonograph of the very finest quality that plays both 10" and 12" records and a 5 tube AC superheterodyne radio set.

The record player section consists of a 10" turntable, rim driven at 78 R.P.M. by a self-starting, constant speed AC motor. The phono pickup is the latest true-tracking crystal type that gives clear true-tone reproduction of all commercial and acetate type phonograph records up to 12" in diameter.

The radio set—is a 5 tube AC superheterodyne. Heavy duty dynamic speaker delivers rich tone quality. A built-in antenna eliminates the need for unsightly external aerial and ground wires. Has tone control. Automatic volume control minimizes fading. Large airplane type dial is calibrated in meters (200 to 550) and kilocycles (1500 to 550).

The whole assembly is attractively housed in a two-tone walnut veneer cabinet that has instant eye appeal. A hinged cover gives access to the phonograph compartment.

Two Instruments for the Price of One

D17651—Table Model Phono Radio Combination complete with tubes. For 110 V. 60 Cyc. AC operation. Size 8 1/2" x 16 x 13" deep. List Price, \$29.95.

YOUR PRICE

Ea. **\$21.45**

In Lots of 3 or More, Each

\$20.65



8 Tube Super • Combination PHONO-RADIO

SUPERLATIVE FEATURES

- Authentic Hepplewhite Cabinet available in Mahogany or Walnut.
- Push Button Tuning 3 Band Radio.
- Automatic Record Changer.
- Built-In Loop Antenna

An exceptionally efficient 3 band push button tuning 8 tube superheterodyne radio set and automatic record changer are incorporated in this fine authentic Hepplewhite cabinet. Split lids provide quick access to both the radio and record changer and may remain closed while either is playing. The simulated cabinet doors lined with attractively patterned grille cloth serve as the speaker baffle. Cabinet woods of matched burl and straight grains, available in either Mahogany or Walnut. Size 29 1/2" wide, 35" high and 17 1/2" deep. Radio Set Features 3 Band tuning covering 535 to 1600 and 2200 to 24000 Kc. for foreign and American broadcasts. Push button tuning is provided for any 6 broadcast stations in the 535 to 1600 Kc. band. 10" Electro-dynamic speaker. Tone Control. Giant edge-lighted slide rule dial with "neon effect" pointer. Built-in loop antenna. See listing below of chassis and speaker for a more complete description. Automatic Record Changer plays and changes up to 8 records, either 10" or 12" automatically. Rejects records automatically by merely pressing button. Crystal pickup provides fine reproduction. Playing records increase the usefulness of the radio and always provides entertaining music when it is not available on the radio.



Prices

D17654 — Walnut Cabinet.
D17655 — Mahogany Cabinet.

Complete with tubes but less recordings and phono needles. For 105-120 volt, 60 cycle AC operation. List, \$119.50.

YOUR PRICE,
Each \$72.50

In Lots of 3, Each

\$68⁵⁰



8 Tube AC-Super Chassis and Speaker

3 Band Tuning • Slide Rule Dial

An Up-to-Date Replacement for Obsolete Receivers—Large, highly visible slide rule type, vernier drive, four color edge-lighted tuning dial has separate scales for each of the 3 bands. Two short wave bands 2.2 to 7.6 Mc and 7.5 to 24 Mc bring in foreign programs. Standard broadcast band covers 535 to 1600 Kc. Extreme sensitivity and exacting selectivity enable you to bring in distant stations easily.

Many latest features have been incorporated. Built-in antenna, eliminates the need for unsightly external aerial and ground connections. Continuously variable tone control allows desired adjustment of tone color. Automatic volume control minimizes fading. Push pull output feeds 7 Watts to 10" electro dynamic speaker giving clear lifelike reproduction. Connections are provided for external phonograph, television sound or F-M tuning adapter. Tubes used: 1-6SJ7, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6SF5, 2-6K6G and 1-5Y3G. Size: 7 1/2" x 11 x 8 3/4" high.

Prices

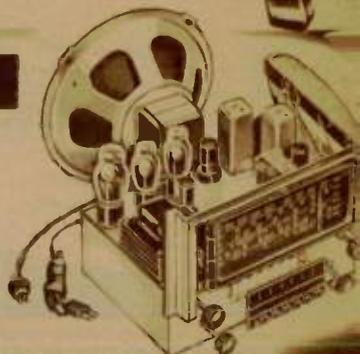
D17656 — Radolek 8 Tube 3 Band AC Super, complete with tubes. For 110 V. 60 Cyc. operation. List Price, \$35.00.

PRICE,
EACH \$21.50

In Lots of 3,

Each

\$20⁴⁵



DeLuxe 8 Tube Super Console

Outstanding In Performance

Fidelity of tone, high power output and attractive cabinet are readily apparent in this fine 8 tube AC Super. Strikes a new high in DeLuxe Value at moderate cost. A set that will add prestige to any home.

Three Tuning Bands covering 2.2 to 7.6 and 7.5 to 24 Mc on Short Waves bring you foreign news and entertainment, ships at sea, airplanes in flight and hundreds of other interesting and educational programs. 535 to 1600 Kc. covers the entire U.S. and Canadian standard broadcast range. Extreme selectivity and exacting sensitivity enable you to bring in many distant stations.

Large Slide-Rule Dial with vernier drive is direct reading in Kc or Mc for all bands. Edge-lighted four color tuning scales are easy to read and decorative in appearance.

Six Piano-Key Push Buttons are provided for automatic tuning of six pre-selected stations. This selection can be set or changed whenever desired, quickly and without tools.

Built-in Loop Antenna makes unnecessary the use of outside aerial and ground connections for perfect radio reception. Automatic volume control minimizes and often eliminates, fading.

Push-Pull 7 Watt Output, 10" electro dynamic speaker and tone control give clear true-life reproduction of voice and music with ample volume. Tubes used 1-6SJ7, 1-6SA7, 1-6SK7, 1-6SQ7, 1-6SF5, 2-6K6G's, 1-5Y3G. Input connections for television sound, F-M tuner and phonograph.

Modern Cabinet, finished in selected walnut veneers and other contrasting woods, is richly styled. Recessed sloping tuning panel is set apart by curved pillars and harmonious speaker grille bars backed by neatly designed grille cloth. A luxurious piece of furniture—will grace the finest home. Size 26 1/4" x 38" x 11 3/4" deep. Ship. wt. 60 lbs

D17649—8 Tube 3 Band AC Super Console complete with tubes. For 110 volt 60 cycle AC operation.

List, \$69.95.

YOUR PRICE \$43.95

of 3,

Each

\$41⁷⁵



For Appearance

The New

ARVIN



**Arvin Model 302
Phono-Radio Combination**
Plays Records Up To 12" in Size

Smartest, best-performing low-priced combination on the market. Provides "The music you want—when you want it"—plays records of favorite orchestras, singers and instrumentalists plus powerful high-quality radio reception. All this in one compact, beautifully-designed unit. Completely housed in a smartly-styled, richly finished unbreakable streamlined cabinet that comes in either Deep Brown or Ivory finish. The latest 4-tube radio receiver brings in broadcasts 540 to 1600 K.C. with excellent tone quality and surprisingly great volume. Attractively embossed tuning dial is calibrated in kilocycles and covers the entire broadcast band. Volume control for both radio and phonograph. Switches provided for On-Off and for changing from radio to phonograph. Full-sized permanent magnet type speaker delivers round, rich tone from either radio or records. Audio system is designed to give high output and clarity of reproduction. Constant speed self-starting 78 R.P.M. phonograph motor. Latest type crystal pickup. Rest for pickup arm and well for phonograph needles included. Attached aerial. Tubes: 12SK7, 12SQ7, 50L6GT, 35Z5GT. Size: 10½" x 13½" x 6¼". Operates on 110 volt 60 cycle AC.

By concentrating a tremendous factory output on a few popular, fast selling models Arvin engineers and Arvin production experts are able to offer you highest quality radio receivers at prices which enable you to meet all competition on equal or better terms. Up to date engineering coupled with use of only highest quality components and exceptionally rugged construction are your guarantee of the maximum in trouble free performance and enjoyment from Arvin Radios.

D17622—Model 302. Deep Brown Finish with Ivory Trim. With tubes. List Price, \$14.95. **YOUR PRICE, Each \$11.72**
In Lots of 3, Each..... **\$10⁹⁸**
D17623—Model 302A. Ivory Finish with Chrome Trim. With tubes. List Price, \$16.95. **YOUR PRICE, Each \$12.86**
In Lots of 3, Each..... **\$11⁰⁷**

D17624—Carrying case for above models. Includes space for records. List Price, \$2.95. **\$2.17**
YOUR PRICE, Each.....

Arvin 3 Tube Tiny Giant



Small enough to tuck away in an overnight bag. Looks and performs like a much higher-priced set. A real companion for travelers or those who want a small, high-quality portable receiver. Handsome enough to be at home in any surroundings, powerful enough for all occasions, light enough to take anywhere. Sturdy construction. Unbreakable one-piece cabinet with bronze embossed dial. Covers entire broadcast band and upper police bands from 540 to 1750 kc. Power output 2 watts to 4" electro-dynamic speaker. 20 ft. attached aerial. Underwriters' Approved. Tubes used: 25B8GT, 50L6GT, 35Z5GT. Size: 6½" x 5½" x 3¾". For 105-120 volts AC or DC.

D17625—Model 402. Walnut Finish. With Tubes. <List, 6.95. **YOUR PRICE, Ea., \$5.49**
Lots of 3, Each..... **\$5¹⁸**

D17626 — Model 402A. Ivory Finish. With Tubes. <List, \$7.95. **YOUR PRICE, Ea., \$5.58**
Lots of 3, Ea..... **\$5²⁸**

<D17627—Suede Carrying case with Zipper Fastener. List, \$1.00. **YOUR PRICE..... 68¢**

D17628—Model 822. 5-Tube Battery or 110V. AC-DC Portable. Complete with Batteries. List, \$29.95. **YOUR PRICE, \$19.66**
Lots of 3, **\$19⁰⁸**
Each.....

Arvin Battery—AC-DC Portable



The best buy in portables. Operates on self-contained batteries outdoors and on 110-volt AC or DC indoors. Enclosed drop away front case protects dial while carrying. Strong, light plywood construction. Attractively finished in buffalo-grain leatherette on the outside, with sloping control panel and inside of lid covered with ivory rawhide luggage material. Lid may be removed. Batteries last 250 to 300 operating

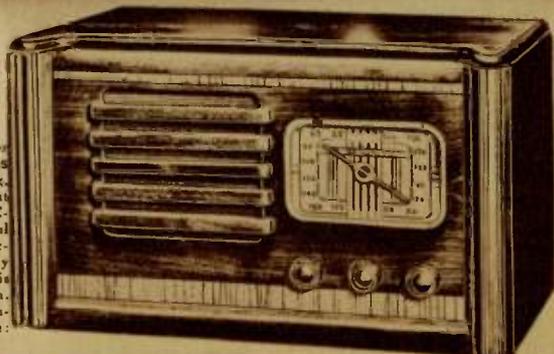
hours. Built-in loop antenna. No aerial or ground needed for ordinary use, but may easily be attached for long-distance reception. Quadruple tuned I.F. amplifier gives knife-edge selectivity. Band coverage, 540 to 1600 kc. Cord tucks away in compartment when not in use. Tubes: 1A7GT, 1H5GT, 1N5GT, 3Q5GT, 35Z5GT. Compact size: 12" x 11" x 7¼". Batteries easily replaced.

Powerful Arvin 6 Tube AC-DC Superhet

Has Built-in Loop Antenna

D17629—Model 732. Rubbed Walnut wood cabinet. With tubes. List Price, Each, \$24.95. **YOUR PRICE, Each, \$16.30**
In Lots of 3, Each..... **\$15⁸⁸**

Housed in a handsome rubbed Walnut wood cabinet, this expensive-looking receiver will harmonize with practically any furnishings. Extremely selective as well as powerful. Separates close-together stations with knife-edge accuracy. Has big, easy-to-read airplane type dial. Tone control is continuously variable throughout entire range. Broadcast band coverage, 540 to 1600 kc. Improved circuit AC-DC superhet chassis has 6 tubes, two of which are dual-purpose tubes. Powerful "Large Area" permanent magnet dynamic speaker gives exceptionally fine reproduction over a wide tone range. Phantom Scope Antenna built inside case is a specially designed and integral part of the famous Arvin Phantom Antenna system. This built-in antenna gives outstanding pick-up and almost unlimited range of reception. Radio plays anywhere it is plugged in without bothersome aerial or ground connections. Tubes: 1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT. Size: 14½" x 8¼" x 8¼". For 105-120 Volts AC or DC.



For Performance

RADIOS for 1941

Arvin Model 722

6 Tube AC-DC Superhet

Has Built-in Loop Antenna

Packed with outstanding quality from the beautifully designed plastic cabinet to the powerful superheterodyne chassis. The cabinet is attractively finished both front and back. May be set anywhere in a room—no need to keep its back against a wall. Cabinet has convenient built-in handle for easy moving. Available in either Ivory or Walnut finish plastic cabinet. Big, easy-to-read airplane-type dial. AC-DC superhet chassis has 6 tubes. Two dual-purpose tubes in improved superheterodyne circuit gives performance that equals many 8-tube sets. High selectivity allows knife-edge separation of close-together stations. Band coverage ranges from 540 to 1600 kc. Continuously variable tone control and powerful "large-area" permanent magnet speaker give fine reproduction over wide tone range. Famous Arvin Built-In Phantom Scope Antenna give unusual pick-up and almost unlimited range of reception. Radio plays anywhere it is plugged in, without aerial or ground connections. Size, 12 $\frac{3}{4}$ "x7 $\frac{1}{2}$ "x7". Tubes: 1-12SA7, 2-12SK7, 1-12SQ7, 1-35L6GT, 1-35Z5GT. For 105-120 Volts AC or DC.



D17615—Model 722. Walnut Finish. With tubes. List, \$18.95.
YOUR PRICE, Each, **\$13.01** **\$12⁰⁷**
Lots of 3, Each.....

D17616—Model 722A. Ivory Finish. With tubes. List, \$19.95.
YOUR PRICE, Each, **\$13.68** **\$12⁷¹**
Lots of 3, Each.....

1941 ARVIN 5 Tube AC-DC Superheterodyne Radios

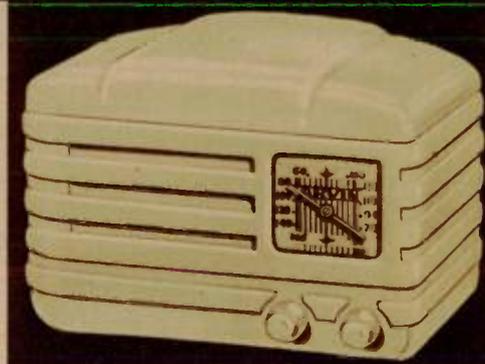


D17617—Model 622. Walnut. With tubes. List, \$13.95.
YOUR PRICE,
Each, **\$9.77** **\$9⁵⁶**
Lots of 3, Each....

D17618—Model 622A. Ivory. With tubes. List, \$14.95.
YOUR PRICE,
Each, **\$10.54** **\$10²⁵**
Lots of 3, Each.....

D17619—Model 522. Walnut Finish. With tubes. List, \$9.95.
YOUR PRICE,
Each, **\$7.83** **\$7³⁴**
Lots of 3, Ea.....

D17620—Model 522A. Ivory Finish. With tubes. List, \$10.95.
YOUR PRICE,
Each, **\$8.09** **\$7⁵¹**
Lots of 3, Ea.....



Has Built-in Loop Antenna

A compact, beautifully styled receiver that features high-quality performance. This model is an unusual value at the present low price. Simple flowing lines of modernistic plastic cabinet blend well in any surroundings. Powerful AC-DC superheterodyne chassis has 5 tubes, 12SA7, 12SQ7, 12SK7, 50L6GT, 35Z5GT. Improved superheterodyne circuit with 2 dual-purpose tubes gives performance equivalent to many 7-tube radios. Full coverage of broadcast band from 540 to 1600 kc. Airplane-type dial is large and easy to read. Has long-life light. Interference between stations close together on the dial is completely shut out by the quadruple tuned I. F. amplifier that provides hair-line selectivity. Equipped with Phantom Scope Built-In Antenna for instant operation anywhere it is plugged in—eliminates ground and aerial connections. Connection on back of loop antenna permits convenient use of outside aerial when extra distance is desired. Rich, clear tone produced by high sensitivity electromagnetic speaker. Size: 11 $\frac{1}{4}$ "x9 $\frac{1}{2}$ "x6 $\frac{1}{2}$ ". For 105-120 Volts AC or DC operation. Complete with Tubes.

Has Built-in Loop Antenna

Impressive selectivity of tuning and clear, full-tone reproduction—qualities usually found only in large, expensive radios—are built in to this compact 5 tube superheterodyne receiver. An amazing value at the present low price. Convenient small size makes it easy to move from room to room. Simple, elegant design fits in well in any surroundings. Plug in anywhere—no fussing with aerial or ground connections. Custom-built antenna is especially designed for fine performance. Knife-edge tuning selectivity with quadruple tuned I. F. amplifier. Has 5 tubes. Two dual-purpose tubes give performance equal to many 7-tube radios. Beautiful unbreakable cabinet, is available in either Walnut or Ivory finish. Large airplane type dial is easy to read. Covers broadcast band from 540 to 1600 kc. Rich, clear tone quality with electrodynamic speaker. Underwriters' Approved. Size: 7 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x4 $\frac{3}{4}$ ". Tubes: 12SA7, 12SK7, 12SQ7, 50L6GT, 35Z5GT. For 105-120 Volts AC-DC Operation. Complete with Tubes.

ARVIN DeLuxe 5 Tube AC-DC Superhet

Has Built-in Loop Antenna

Truly a deluxe receiver both in style and performance. The handsome rubbed Walnut wood cabinet is designed to combine graceful, flowing lines with a massive, expensive-looking appearance. The rich sheen of walnut blends well with any type of home furnishings. Reproduces all music and voices with true fidelity. High-quality performance guaranteed by 5-tube chassis which includes power rectifier and 2 dual-purpose tubes. Full broadcast band coverage, from 540 to 1600 kc. Power output of 2 watts brings in distant stations without distortion. Perfect selection of close-together stations with quadruple tuned I.F. amplifier. No aerial or ground connections needed. Simply plug in, and Arvin Phantom Scope Built-In Antenna does the rest. Convenient connection for outside aerial when extra distance is desired. High sensitivity electromagnetic speaker. Oblong airplane type dial is beautifully ornamented, easy to read, and equipped with long-life light. Size of cabinet: 12 $\frac{1}{4}$ "x8 $\frac{1}{2}$ "x6 $\frac{1}{2}$ ". Tubes: 12SA7, 12SQ7, 12SK7, 50L6GT, 35Z5GT.

D17621—Arvin Model 632. 5 Tube AC-DC Super Radio Receiver. Complete with tubes. For 105-120 Volts AC-DC operation. List, \$17.95.

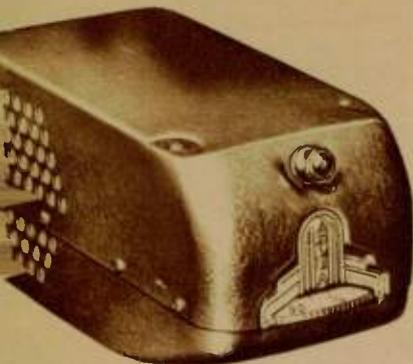
Your Price, Ea. **\$12⁶⁶**
In Lots of 3, Each **\$12³²**



ARVIN CAR RADIOS

Arvin Model 510 Compact

← Small • Low Priced • Powerful • Excellent Tone



The easiest of all auto radios to install. —Just one unit that bolts under the dash at right or left of steering column—within easy reach of driver or passenger. Powerful 5 Tube Superhet circuit featuring famous Arvin Phantom filter provides plenty of volume even at high car speeds and in noisy traffic. Easily read illuminated thumb-wheel, fast tuning dial covers entire broadcast band.

A flip of the thumb turns dial from one end to the other. 5" Electro-dynamic speaker gives fine rich tone quality. Full automatic volume control minimizes undesirable fading. Full power output with low battery drain. Tubes: 6ABCT, 6K7GT, 6X5GT, 6K6GT. Housed in attractive crackle finish all-metal case. Size 5½x5¼x11" long. Wt. 17¼ lbs.

D17580—Model 510 Arvin Auto Compact. Complete with five tubes. List Price, \$14.95. YOUR PRICE, Each.....

\$10⁹⁹

ARVIN MODEL 610

D17581—Arvin Model 610 complete with five tubes. Similar to model 510 except has 4 push buttons on front of panel for automatic tuning of any 4 pre-selected favorite stations. All other stations may be tuned on illuminated thumb-wheel dial.

List Price, \$17.95. YOUR PRICE, Each..... **\$12³¹** →

ARVIN MODEL 710

A Single Unit 5 Tube Superhet Auto Radio for quick—easy Custom installation in any car. Arvin's famous Phantom Filter circuit provides power, selectivity and sensitivity to match the performance of sets selling at considerably higher prices. Automatic volume control minimizes fading. Deep-throated 8 in. electro-dynamic speaker has wide tonal range. Economical on battery. Tubes: 6A8, 6K7, 6Q7G, 6K6G and 6X5G. Completely housed in attractive taupe finished metal case. Entire unit mounts securely to dash by one heavy stud bolt. Size 8½" square by 7¾" deep. Wt. 19 lbs.

D17582—Arvin Model 710 with Universal Under-Dash Tuning unit to Fit All Cars. Complete with five Tubes. List Price, \$24.95.

YOUR PRICE, Each..... **\$17¹²** →

D17583—Arvin Model 710 equipped with Tuning Unit for Custom Installation on instrument panel of most cars. Specify make, year and model of car so we can ship proper panel to match. Complete with five tubes. List Price, \$28.00. YOUR PRICE, Each.....

\$18⁹⁹

ARVIN MODEL 810

This Single Unit 6 Tube Superhet Auto Radio set packs an extra wallop that insures efficient, satisfactory performance at all points on the dial and under most adverse conditions. Beani power output, clean cut selectivity and finest tone quality are features that make this Arvin "tops" in car radio value. Deep-throated 8" electro-dynamic speaker has unusually wide tonal range. Continuously variable tone control. Automatic volume control minimizes undesirable fading. Has power output of 5 watts yet requires only 7.2 amps. battery drain at full volume. Phantom filter boosts signal and allows clearer reception. Tubes: 2-6SK7, 1-6A8, 1-6SQ7, 1-6V6G, and 1-6X5G. Complete unit housed in attractive crackle finished metal case. Entire unit mounts securely to dash by one heavy stud bolt. Size: 8½" square by 7¾" deep. Wt. 20 lbs.

D17584—Arvin Model 810 with Universal Under-Dash Tuning Unit to fit All Cars. Complete with six tubes. List Price, \$46.10.

YOUR PRICE, Each..... **\$27⁵⁰** →

D17585—Arvin Model 810 equipped with Tuning Unit for Custom Installation on instrument panel of most cars. Specify make, year and model of car so we can ship proper panel to match. Complete with six tubes. List Price, \$49.95. YOUR PRICE, Each.....

\$29³⁷

ARVIN CAR RADIO FEATURES

These Fine Sets Are Super-heterodynes of Latest Design Assuring Maximum Performance and Sensitivity Under All Operating Conditions.

• Full Tone Electro-Dynamic Speaker Gives Excellent Reproduction Quality

• Full Automatic Volume Control Minimizes Undesirable Fading

• Arvin Phantom Filter Boosts Signal Strength giving clear reception

• Arvin Car Radios Are Easy on the Battery

• Low In Price High In Quality Big Values



Custom Fit and Universal Tuning Units



Custom Fit Remote Tuning Panels

Tailored installation of Arvin Models 710 and 810 are easy with the use of these Custom Fit Panel kits, a few of which are pictured above. Each panel is especially designed to exactly fit the instrument panel of a given automobile. There is a custom fit panel available for every popular make of car built, from 1935 to date.

Quick—Easy Installation

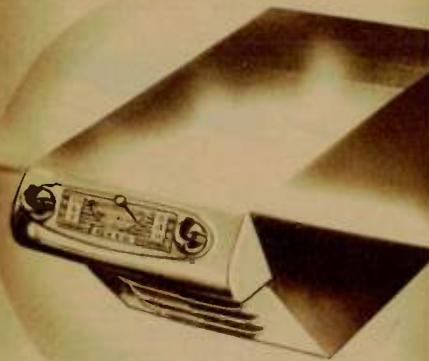
Flexible remote tuning shafts are cut to proper length and equipped with all necessary fittings. Sets mount with a single stud bolt. Everything possible has been done to speed up installation in your car before the set is shipped to you. All necessary parts and full Installation instructions are included with each set.

Arvin Universal Tuner

A universal remote tuning control to fit Arvin Models 710 and 810 for those who do not wish a custom installation or for cars on which there are no custom plates available. Control mounts on under edge of cowl or instrument panel at right or left of steering wheel—within easy reach of driver or passenger or both. Fits all cars.

PHILCO 1941 *Auto Radios*

The finest auto radio receivers Philco has ever built. New features never before offered at these low prices.



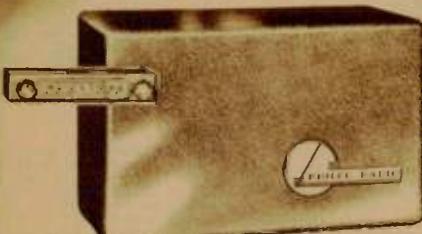
Philco Model AR-1

D17532—With Six Tubes. List, \$19.95.

YOUR PRICE, Each, \$13.95 \$13⁵⁰

In Lots of 3, Each.....

Housed in a compact, rugged steel case in wrinkled enamel finish. This new single-unit Philco fits snugly and easily under the instrument panel of any car. Out of the way, yet easy to reach, this 6-Tube Superhet features full sensitivity, tuned antenna circuit, built-in interference filtering, automatic volume control and electro dynamic speaker. Illuminated dial makes tuning quick, easy and accurate. Easily transferred from one car to another. For better performance than can be expected in this price class.



Three new Philco Auto Radio sets that feature a compact powerful Superhet chassis using Six of the new loktal tubes, Bass Compensation, Automatic Volume Control, Full-wave vibrator, tone control. Built-in interference control and choice of powerful Electro-Dynamic Speakers to fit any car. All models come complete with tubes and tuning control that mounts below the dash. Crowe Panels listed below at extra cost, provide means for direct mounting on instrument board in 1940 cars.

Philco Model AR-4

D17575—As described above complete with six tubes. List, \$31.95.

PRICE, Each, \$22.65 \$21⁹⁵

In Lots of 3, Each.....

Philco Model AR-5

D17576—Same as Model AR-4 except includes 5 station automatic tuning. Two dual-purpose knobs control on-off switch, volume, tone, manual tuning and 5-station push-button tuning. Complete with six tubes. List Price, \$44.95.

PRICE, Each, \$28.75 \$27⁹⁵

In Lots of 3, Each.....

Philco Model AR-9

With Short Wave Tuning

D17577—Same as AR-4 except has 3 band tuning. Standard Broadcast 1500 to 550 Kc. and 2 American and Foreign Short Wave Bands 5.9 to 10 Mc. and 11.7 to 11.9 Mc. Also includes especially matched Cowl mounting Auto Aerial. (Will not get police calls.) Complete with six tubes. List, \$52.45.

PRICE, Each, \$33.43 \$32⁶³

In Lots of 3, Each.....

Efficient 6 and 7 Tube Superhets

Philco Model AR-3

D17534—With Six Tubes. List, \$39.95.

PRICE, Each, \$24.50 \$23⁷⁵

In Lots of 3, Each.....

Under dash mounting compact, chassis with automatic tuning panel. One push button selects any 5 stations, with separate dial for station identification. All stations, however, can be tuned manually. 6 Tube, Superhet circuit features, Self Contained Noise Filter, Electro-Dynamic Speaker, Automatic Volume Control, Tone Control, Bass Compensation and Full Wave Vibrator. Two illuminated dials, one for push-button and one for manual tuning. Fits any car: Choice of 3 Speakers, 1 for cars with built-in speaker grille, 2 for under-dash mounting, and 3 for instrument panel mounting. Specify which, when ordering.

Philco Model AR-6

D17535—Complete with six tubes and handsomely designed under-dash panel control. List, \$29.95.

PRICE, Each, \$21.25 \$20⁵⁰

In Lots of 3, Each.....

Constructed to give full, rich, life-like tone and powerful performance with long useful life and trouble-free service. 6 Tube Superhet features electro-dynamic speaker, automatic volume control, bass compensation, full wave vibrator and illuminated tuning dial.

Philco Model AR-7

D17536—With Six Tubes. List, \$19.95.

PRICE, Each, \$31.75 \$30⁹⁵

In Lots of 3, Each.....

Individual Pushbutton Automatic Tuning of any 5 favorite stations. Also regular dial tuning of all stations. Speaker and 6 Tube Superhet chassis are complete in one case. Delivers full rich tone, and power. Capable of reliable performance over great distances and under all conditions. Has reception control, large electro-dynamic speaker, automatic volume control, bass compensation and full wave vibrator. Comes complete with handsome under-dash control with illuminated dial.

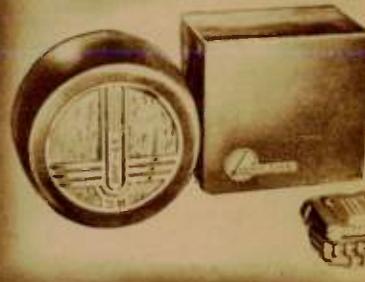
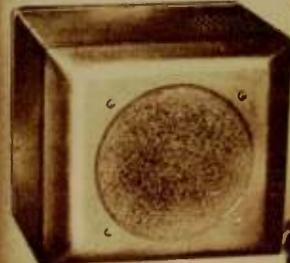
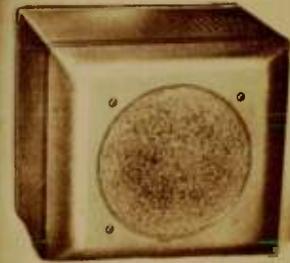
Philco Model AR-8

D17540—With Seven Tubes. List, \$69.95.

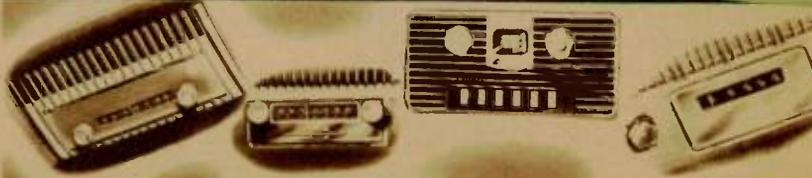
PRICE, Each, \$41.75 \$40²⁵

In Lots of 3, Each.....

Designed to give glorious rich, deep, lifelike tone and to bring in stations from great distances. The utmost in performance and quality. 7 Tube powerful Superhet has among its many features: Separate full size electro-dynamic speaker. Push-button operated reception control which permits automatic tone adjustment for voice or music also minimizes interference resulting from car lines, Power cables, static, etc. Electric push-button tuning of any 5 favorite stations and manual tuning for all stations. Automatic volume control and bass compensation, easy reading, full vision dial and full wave vibrator. Comes complete with under-dash control unit with illuminated dial.



Crowe-Philco Auto Panel Kits



Provide for custom fitting of Philco Auto Radios to any car. Fittings harmonize with car panel in design and color. Each kit is supplied complete, ready for installation. When ordering give Philco set model number also make, model and year of car.

D14050 Type C for Philco AR-4, AR-5 and AR-9 in 1940 cars. List, Ea. \$2.00. **\$1¹⁸**

D14051—Type B for Philco AR-7 and AR-8 in 1939 and 1940 cars. List, Ea. \$3.00. **\$1⁷⁶**

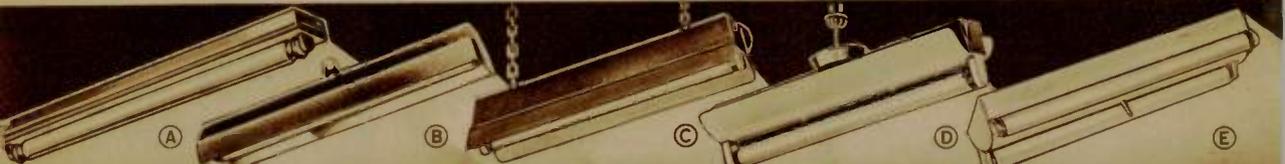
D14052—Type A for Philco AR-6 in all cars and AR-7 and AR-8 in 1938 and older cars. List, Ea. \$3.00. **\$1⁷⁶**

YOUR PRICE, Ea.

Increased Brilliance • Low Operating Cost • Cool Light

The Fluorescent Units listed here will meet the needs for practically all types of installations in stores, factories, offices, etc. They provide better light than ever before available at savings of 50% and more in operating cost. The prices quoted here assure you of the best values for your money. Guaranteed lasting satisfactory service. Fixtures shown are particularly desirable for the radio shop and store. The pleasing attractive lighting effects will improve your working conditions and build your prestige with your customers.

Each unit comes completely assembled and wired, with all auxiliaries, ready for use. Easy to install, any radio serviceman can quickly make a proper installation. Fluorescent lamps are not included at prices quoted for fixtures. The lamps must be purchased separately. Lamps are available in seven brilliant colors—Daylight, White, Blue, Green, Pink, Red and Gold. Daylight lamps are used in most installations. However, lamps of different colors are interchangeable thus insuring that you can meet any lighting requirement.



Universal Mounting

A Wider distribution of light for concealed or exposed illumination. Metal case and flat reflector in satin aluminum finish. Convenient screw mounting holes in top and sides and $\frac{1}{2}$ " pipe knockouts (3 in the top and 1 on each end)—allow fixture to be mounted in any convenient manner—either singly or ganged. Completely wired with auxiliary and separately replaceable starter switch. No lamp included. $2\frac{1}{2}$ " wide, $1\frac{1}{2}$ " deep.

Stock Number	Watts	Lgth.	Price Each
D16800	15	10"	\$3.38
D16801	20	25	3.57
D16802	30	37	5.52
D16803	40	49	6.35

Plug-in Fixture

B Simply screw this one-piece unit into any light socket. Comes completely assembled and wired including auxiliary and separately replaceable starter switch.—ready for use. Aluminized concave reflector. Metal case in rich brown wrinkle finish. No lamps included.

One Light Fixture

Stock Num.	Wts.	WxDxL	Each
D16804	15	4 $\frac{1}{4}$ x3x18"	\$2.79
D16805	20	5 $\frac{1}{4}$ x3 $\frac{1}{4}$ x24	4.65

Two Light Fixture

Stock Number	Watts	Lgth.	Price Each
D16806	2-15	5 $\frac{1}{4}$ x4 $\frac{1}{4}$ x18	4.59

† Also has loops for chain hanging.

Industrial Fixtures For Ceiling or Chain Suspension

C Two Lamp. Highly efficient daylight shadowless, glareless illumination for stores, shops, factories, etc. Power factor corrected to meet public-utilities requirements. Two standard fluorescent lamps. Fixture of 20 gauge steel. Outside finished in dark crackle enamel. Inside of reflector coated with easy to clean baked on white plastic. No lamps nor chain for hanging included. For 105-120 volts A.C.

Stock Number	Watts	Lgth.	Price Each
D16781	2-20	24 $\frac{1}{2}$ "	\$ 9.95
D16782	2-40	18 $\frac{1}{2}$ "	12.95

Mounts in Shade Holder

D Extra fine quality fixtures, with convex baked-on white enamel reflector. Provides wider distribution of shadowless, glareless light. Brown wrinkled finish metal case fitted with $\frac{1}{2}$ " adapter and connecting cord with plug. Simply remove shade of any fixture and replace with this unit. Has knockouts in ends for ganging. Wired complete with auxiliary—ready for use. Separately replaceable starter switches. No lamp included. 5" wide, 3 $\frac{1}{2}$ " deep.

Stock Number	Watts	Lgth.	Price Each
D16811	1-15	18"	\$4.27
D16812	1-20	24"	4.87

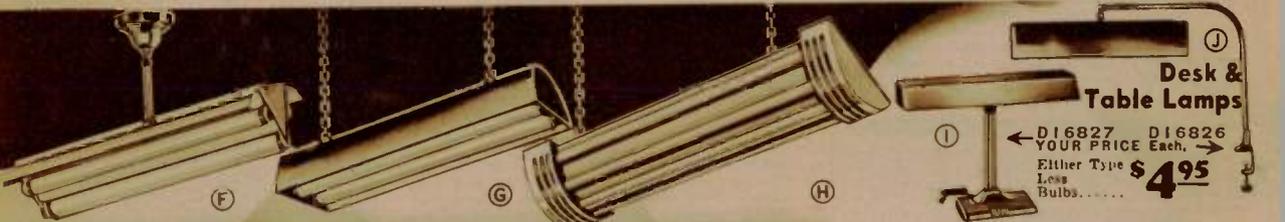
Two Light

Stock Number	Watts	Lgth.	Price Each
D16828	2-20	24"	5.85

Ceiling Mount Two Light Fixture

E Gives widespread shadowless, glareless light for general illuminating purposes. Convex reflecting surfaces finished in baked-on white enamel. Sockets of white bakelite. Entire fixture completely wired with auxiliaries, ready for use. Mounts on any flat surface. Has knockout in each end for ganging. Starter switches separately replaceable. No lamps included. 6 $\frac{1}{2}$ " wide, 3 $\frac{1}{2}$ " deep.

Stock Number	Watts	Lgth.	Price Each
D16813	2-15	18"	\$5.75
D16814	2-20	24"	5.85



Pendant Fixture

F Three-light fixtures for even spread of light over large areas. Reflecting surfaces, baked-on white enamel finish. 18" stem and canopy of brushed chrome finish. Adjustable ball and socket joint. Completely wired including auxiliaries. Starter switches separately replaceable. No bulbs included. 5 $\frac{1}{2}$ " deep, 14 $\frac{1}{2}$ " wide.

Stock Number	Watts	Lgth.	Price Each
D16817	3-15	18"	\$11.76
D16818	3-20	24"	12.94

As above except has dual stem and canopy

Stock Number	Watts	Lgth.	Price Each
D16820	3-40	48"	\$20.58

Concentrated Light

G Directional illumination fixtures with aluminized concave reflector. Concentrates light over a restricted area. Dark wrinkle-finished metal case has loops for chain hanging and knockouts for pipe suspension. Comes completely assembled and wired including auxiliaries. 8 ft. approved cord and plug and pull-chain on-off switch. Starter switches separately removable. No lamps nor pendant chains included. 9" wide, 1 $\frac{1}{2}$ " deep.

Stock Number	Watts	Lgth.	Price Each
D16783	1-10	18"	\$ 2.91
D16784	1-20	24"	4.09
D16821	2-20	24"	7.61
D16822	2-40	48"	13.49
D16823	4-20	48"	11.73

Wide Light Coverage

H Two and four-light fixtures with aluminum finished convex reflecting surface for spreading of light over wide areas for general illuminating purposes. Aluminum finished metal case is equipped with loops for chain hanging and knockout for pipe suspension. Can also be mounted flat on ceiling. Fixture completely wired ready for use including necessary auxiliaries. 8 ft. cord and plug and pull-chain on-off switch. Four-light unit has attractive satin finished punched aluminum decorative end pieces. No lamps nor pendant chains included.

Stock Num.	Wts.	WxDxL	Each
D16824	2-40	9" x1' x48"	\$13.77
D16825	4-40	12 $\frac{1}{2}$ " x1' x48"	21.88

Pedestal Desk Lamp

I Shadowless, non-glare fluorescent daylight. Invaluable for working, reading and matching colors. Ideal for service shops, stores, offices, banks, hotels, libraries, factories, etc. Quality constructed throughout. Stands 14 $\frac{1}{2}$ " high. Metal shade 18" long. Heavy cast base. Entire lamp durably and smoothly finished in lacquered English bronze. Reflector has white baked-on enamel finish. Completely wired, ready for use including auxiliary and 7 ft. Underwriters approved rubber cord and plug. On-off switch in base. Felt pad prevents scratching desk or table.

J Clamp-On Lamp. Securely fastens to desk, bench, table, etc., not exceeding $\frac{1}{2}$ " in thickness. Provides excellent illumination for any type of work. Arm allows reflector to be positioned over any portion of desk or to be swung clear. Shade can be adjusted to any convenient working angle.

Height is 11 $\frac{1}{2}$ " from bottom of shade to desk top. Arm swings on a 15" radius. On-off switch in shade. Entire lamp of baked-on ripple bronze finish. Reflector finished in white baked-on enamel. Completely wired including auxiliary and 7 ft. Underwriters approved rubber cord and plug.

Clamp-On Table Lamp

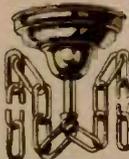
Height is 11 $\frac{1}{2}$ " from bottom of shade to desk top. Arm swings on a 15" radius. On-off switch in shade. Entire lamp of baked-on ripple bronze finish. Reflector finished in white baked-on enamel. Completely wired including auxiliary and 7 ft. Underwriters approved rubber cord and plug.

Desk & Table Lamp

← D16827 D16826
YOUR PRICE Each, →
Either Type \$4.95
Less
Bulbs.....

Chain Hanger Unit

D16797 — Hanger — Consists of 4" canopy with loop to which is attached two 3 ft. fixture chains. Connecting wire and 2 loops for attaching reflector also included. Length adjustable to 40" maximum. Finished in bronze.
YOUR PRICE Each 79¢



Ballasts and Auxiliaries

One unit necessary for each fluorescent lamp. High power factor units have a correction of 90% as now required by utility regulation in many states. Other units have normal power factor correction of 50 to 60%. Have built-in thermal switch. Switchless type requires separate starter switch, and switch holding socket. All for 105-125 volt, 60 cycle operation.

Watts	High P.F.		Normal Power Factor	
	Stock	Your	Stock	Your
15	D14350	\$1.95	D14354	\$1.15
20	D14351	1.98	D14355	1.15
30	D14352	2.65	D14356	2.42
40	D14353	2.98	D14357	2.87

Starter Switches

For use with switchless auxiliaries and combination sockets listed below.
D14362—FS2 15-20 Watt
D14363—FS4 30-40 Watt
YOUR PRICE 37¢
Either Type 10 for \$3.55

Bakelite Sockets

Fit all fluorescent bulbs. Positive contacts. No Switch Socket.
D14364—Black 17¢
D14365—White 19¢
With Starter Switch Socket
No Switch included
D14366—Black 28¢
D14367—White 30¢

Mazda Fluorescent Lamps

True Daylight Type

For use in any make of fluorescent lighting fixtures or with accessories shown at left. Also available, on special order, in brilliant white, blue, green, pink, gold or red. No sacrifice in light output because of color coatings which themselves emit light.

Stock Num.	Watts	Bulb Type	Size Dxl.	List Price Each	\$4.25 Or. Price Each	24 Drs. Lots.
D14259	15	T8	x18"	\$0.05	\$0.78	50.74
D14263	20	T12	1 $\frac{1}{2}$ x24	1.25	1.03	.98
D14265	30	T8	x36	1.25	1.03	.98
D14273	40	T12	1 $\frac{1}{2}$ x48	1.00	1.58	1.49

Novelties and Necessities

Knapp Natural-Angle Shaver

Speedster Model
D18601—List Price, \$6.00. **\$325**
YOUR PRICE

The comfort and convenience of dry shaving at a price every man can afford. Two in one shearing head fits every face and makes every face feel fit. Has two sizes of slots to fit both coarse and fine beards. Self-honing—always stays keen and sharp. Famous Knapp Natural-Angle Head means shaving, smoother shaves right from the start. No experimenting or painful breaking-in period. Nothing new to learn. Super speed motor moves cutting edges so fast they can't jerk, pull or skip over whiskers. Motor makes 7200 strokes per minute. No oiling needed. Shaver has maroon plastic case with chrome trim. Packed in leather pouch. Detachable cord. 110-120 volt AC only.

DeLuxe Model

D18500—List Price, \$10.00. **\$650**
YOUR PRICE, Each

Simplest, most convenient electric shaver ever made. Shaves quicker and closer without danger of skin burn. No lather, no new awkward shaving positions to learn, no difficulty with any type of beard. Exclusive Knapp Natural-Angle feature allows shaver to be held just like blade razor. Unique two-in-one shearing head equipped with No. 9 cutters for fine beards and No. 11 cutters for coarse beards. Does a perfect job on any face. Powerful universal triple-pole motor receives 3 separate power impulses per revolution, and has speed of 7200 revolutions per minute. Shaver has black plastic case trimmed with chromium. Shaped to fit the hand. Packed in sturdy steel case covered with Fabrikoid. Detachable cord. Underwriters' Listed. 110 volts AC-DC.

The Yankee Clipper

Brings back the exciting romance of the days when the Yankee Clipper were true to name on the Seven Seas. Ideal for den, study, living room or bedroom. Men like its nautical atmosphere, women appreciate its attractive appearance. The hull is shaped of selected solid wood in hand rubbed Walnut or Swedish Modern finish. Sails, masts, flags, binnacle and miniature fittings are highly chrome plated. 4" dia. Clock framed in ship's wheel has accurate self-starting Sessions electric movement. 13 1/2" high, 13 1/2" long, 11 1/2" v. 60 cy. AC.
D18507—Swedish Modern Finish, **\$760**
D18506—Walnut Finish
List, \$12.95.
YOUR PRICE, Each

The Airliner Electric Clock

A true replica of a modern airliner. The perfect ornamental clock for den, living room or office. Gleaming chrome propeller and wings, giant tires, Walnut finish cabin. Sessions self-starting electric clock movement. 21" wide, 10" high. 105-120 Volt. 60 cy. AC.

D18508—List, \$12.95.
YOUR PRICE **\$760**

Cabin lights up, giving unusual realistic effect. Lights controlled by separate switch.

Pennwood Numechrom Electric Clocks—"Time at a Glance"



The Zephyr

Classic beauty translated into a brilliantly modern design makes the Pennwood "Zephyr" a timepiece of unusual distinction. Styled to harmonize with the finest of interior decorating. Equally appropriate for drawing room, library or an executive's desk. Rich Walnut wood case, hand rubbed to a lustrous finish. Large, easy-to-read numerals give "Time at a Glance" correct to minute and second. No old-fashioned dial, no need to search for hour, minute and second hands. 10 1/2" long, 4" high and 4" deep.
D18535—List Price, \$8.95.
YOUR PRICE, **\$540**
Each



The Petite

Startlingly new and different modern design. Streamlined, irregular shape suggests the furniture of the future. Pennwood "Time at a Glance" features 5 styles of plastic finishes with bases trimmed in gold. Size: 5 1/2" long, 3 1/2" high, 3 1/2" deep.
D18536—Walnut bakelite.
D18537—Black bakelite.
List Price, \$2.95.
YOUR PRICE, Each **\$223**
D18538—Ivory plaskon.
D18539—Pastel Peach plaskon.
D18540—Pastel Blue plaskon.
List Price, \$3.95.
YOUR PRICE, Each **\$285**



The Moderne

Another Pennwood version of up-to-date clock style. Double-purpose design—can be used as book end on table top or desk. Simple combination of straight lines and rounded corners fits in any modern room. Accurate "Time at a Glance," with easily legible black-on-white numerals. Book end and base of clock are dark red. Body available in 3 plastic finishes. Metal trim in polished Gold finish. Size, 5 1/2" long, 3 1/2" high, 2 1/2" deep.
D18541—Mottled Walnut Tenite.
D18542—Ivory Tenite.
D18543—Hunter's Green Tenite.
List Price, \$4.95.
YOUR PRICE, Each **\$335**



The Arcturus

Designed for discriminating people who want a modern timepiece that has dignity and elegance. Compact enough for a desk top or shelf, yet its simple lines and rich wood case give the impression of massiveness. "Time at a Glance" numerals give correct hour, minute and second instantly. Suitable for a busy executive's desk or for any well-furnished home. Reliable self-starting Pennwood electric movement. Handsome Walnut wood case with the rich sheen that only hand rubbing can give. Size overall 5 1/2" long, 4" high, 4" deep. An unusual gift.
D18544—List, \$7.95.
YOUR PRICE **\$475**

Self Starting 110 Volt 60 Cycle AC Electric Movement



Sparklet Syphons and Aerator

Sparklets provide a never-failing supply of sparkling club soda for highballs and other tall drinks—charged water for a home soda fountain that makes delicious sodas—a kitchen helper that beats eggs and whips cream. Just put plain water in a Sparklet, insert charging bulb, and you have a quart of charged water. Sparklets are foolproof and safe to operate—easy to use, easy to clean—a dependable, economical accessory for the modern home.

C Sparklet Aerator

A new kind of household accessory. Can be used either as a syphon for making club soda or as an aerator to whip cream, beat eggs, mix waffles and do a number of other kitchen chores. Full quart capacity. Has large, convenient mouth and simple method of charging. When used as aerator for whipping or mixing contents can be discharged without removing head because of absence of syphon tube. Body is stainless steel. 3 Bulbs included. List, \$5.95.
D18579—Red Head.
D18580—Black Head.
YOUR PRICE, Ea. **\$425**

A Standard Model

Finished in highly polished heavy chromium plate. Full quart capacity. Has wide mouth for ice cubes, easy cleaning and use of shipping bulbs. Charges through bottom. Lined with pure tin. Complete with 3" bulbs. List, \$5.00.
D18576—Red Head.
D18577—Black Head.
YOUR PRICE, Ea. **\$357**

B DeLuxe Model

Same as above except stainless steel body and more streamlined head. Complete with 3 bulbs. List, Ea., \$5.95.
D18577—Red Head.
D18578—Black Head.
YOUR PRICE, Each **\$425**

Sparklet Red Band Bulbs

Turn ordinary water into fresh, fizzy sparkling club soda. Each bulb makes a quart of soda. Can be used with new or old model Sparklet Syphons, or with other makes of syphons.

D18581—10 in box. List Price, 75c.
YOUR PRICE **54c**
D18582—25 in box. List Price, \$1.75.
YOUR PRICE **\$125**

Spark-Whip Blue Band Bulbs

Open up a whole new field of taste thrills and cooking convenience. Whip cream, milk and eggs instantly and effortlessly. For use with Sparklet Syphons or Aerator.
D18583—5 in box. List Price, 70c.
YOUR PRICE **51c**

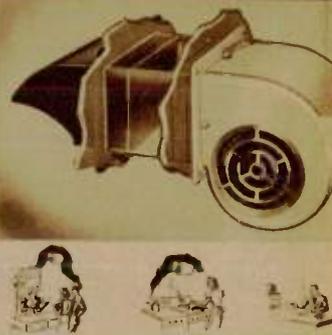


Eskimo Electric Ventilator

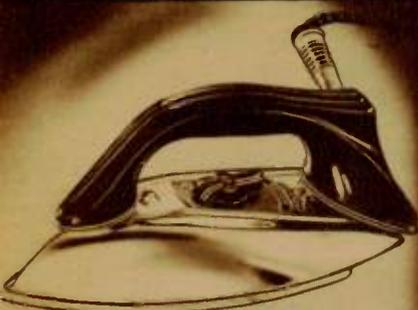
Regardless of outside wind or weather, this ventilator will draw out foul air, smoke and odors at the rate of 400 cu. ft. per minute. Easily installed in new or old buildings. Twin centrifugal fan wheels on each end of motor shaft operate without noise or vibration. Housing finished in ivory enamel with chrome-plated end grills. Quiet running 110-120 volt AC motor has 10 ft. Underwriters' cord and plug.

D18350—For wall mtg. has telescoping steel duct to fit walls 8 to 10" thick, cast iron outside nut, frame, steel hood and automatic shutter.
List, Each, \$25.00.
YOUR PRICE **\$1495**

D18351—For mounting on the wall or ceiling, discharging directly into duct, flue or chimney.
List Price, \$23.00.
YOUR PRICE **\$1380**



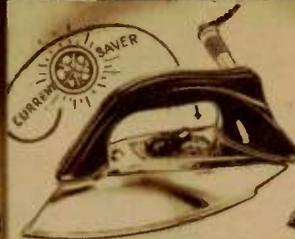
Finest Automatic Irons



Samson Dial-A-Heat Automatic Iron

D18284—List, \$4.95.
YOUR PRICE..... **\$3.48**

We believe this to be the finest ironing value on the market. Includes every desirable ironing feature, is of highest quality construction yet low in price. Can be set to correct heat for any fabric. Simply turn dial to heat desired—automatic control holds temperature indefinitely. Thin sole plate brings ironing surface only $\frac{1}{8}$ " from nickel chrome element, heating quickly and evenly. Tapered and beveled toe simplifies ironing around buttons, ruffles and pleats. Tearproof heel. Heat dissipating fins make the one-piece bakelite handle always cool and easy to hold. Handle serves as convenient rest. Built-in cord set. 1000 Watts, 110-120 Volt AC operation. Weight, $\frac{3}{4}$ lbs. Underwriters' Listed.



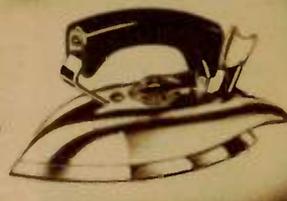
Samson "Magic Eye" Automatic Iron

Light flashes on when iron is plugged in, goes out when correct ironing temperature is reached. Shows when current goes on and off while ironing. Finger-tip control dial automatically selects proper temperature for every fabric. Ironing surface is $\frac{3}{8}$ " from heating element—heats quickly and stays hot. Beveled tapered toe. Air cooled bakelite handle in grained walnut finish. Convenient heel rest. Nickel chrome element embedded in solid steel rock. Approved 7 ft. built-in cord with wire guard. 1000 Watts. For 110-120 volt AC operation. Underwriters' Listed.
D18287—List, \$8.95.
YOUR PRICE..... **\$5.98**



White Cross Automatic Iron

Modernistic design. Adjustable to operate at any temperature to suit the fabric to be ironed. Thermostat maintains uniform temperature. Air fins keep handle cool at all times. Beveled edge sole plate. Attached 6' cord set eliminates cord troubles. For 110-120 volt. AC current.
D18288—1000 Watt, 4 lb. Iron. List Price, \$7.50.
PRICE, Each, \$4.95. **\$4.65**
In Lots of 3, Each.....
D18290—575 Watt, 6 lb. Iron. With heat indicator and on-off switch in handle. Does not have thermostat control. For AC or DC operation. List Price, \$5.95.
PRICE, Each, \$3.95. **\$3.72**
In Lots of 3, Each.....



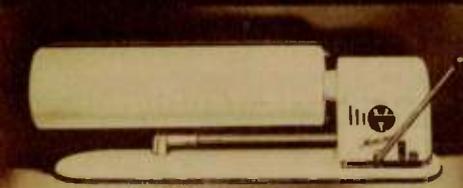
Lady Dover Automatic Iron

Adjustable to a wide range of ironing temperatures. Genuine bi-metal thermostat turns current off and on at the proper intervals automatically maintaining the proper ironing temperature for the particular material being ironed. Never too hot, never too cold. New "quick heat" all around beveled thin sole plate brings working heat within $\frac{1}{8}$ inch of extra large ironing surface $\frac{1}{2}$ Lbs. 1000 Watts. Smartly streamlined. Complete with cord and plug set. For 105-120 volt. AC operation. Fatigue proof handle, tapered toe.
D18291—List, \$3.98.
YOUR PRICE..... **\$2.65**

Victor Mono-matic Ironer

Proctor Automatic Iron

Steam-O-Matic Iron



D18293—List, \$29.95.
YOUR PRICE..... **\$19.95**

A portable "mangle" that is capable of ironing a full family wash, including pleated garments. Also presses trousers, ties, etc. "Lag" roll action delays start of motor after shoe clamps material to roll allowing time for adjusting and guiding work properly. Single lever "Mono-matic" control may be converted instantly from hand to knee operation. Adequate roll capacity irons large pieces quickly and easily. Roll revolves $5\frac{1}{2}$ times per minute. Light weight, easily portable. May be used anywhere in house, and kept on shelf when not in use. Weighs only 33 lbs. Roll 20" long, $5\frac{1}{2}$ " in diameter. Powered by induction motor with self-lubricating bronze bearings. Furnished with 11 ft. rubber-covered Underwriters' cord with unbreakable rubber plug. Guaranteed for one year. Size, 29" long, 9" wide, $8\frac{1}{2}$ " high. 850 Watts. For 110-120 volt AC operation.



With "Never Lift" Feature

D18367—List, \$12.50.
YOUR PRICE..... **\$7.97**

"You never have to lift it." Pressure on release in handle lifts iron on its own stand. Pressure on heel of handle closes stand. Stand will not catch fabrics when closed. Temperature is thermostatically controlled and may be set to the requirements of any material. 1000 Watt Heating Unit sealed against air and moisture—no burn-out. Air-cooled bakelite handle with convenient thumb rest. Finished in black, red and chromium. Has 8 ft. cord set built-in. Guaranteed 3 years. Wt. 4 lbs. For 110-125 Volt AC operation.



Operates With or Without Water

An improved steaming iron that quickly presses celanese, rayons, silks, woolsens and other fabrics without scorching or burning. Eliminates use of damp cloths and sprinkling. Leaves no shine. Can also be operated without water for ironing linens, broadcloths, etc. Fully automatic. Indicator heat control is adjustable for every fabric. Holds 1 pint of water for approximately 1 hour's use. 1000 Watt nichrome heating element. Non-detachable cord set. Special aluminum alloy construction. Rust and corrosion proof. Weight 4 $\frac{1}{2}$ lbs. For 105-120 AC operation.
D18531—Model B200. List Price, \$12.95. **\$8.45**
YOUR PRICE, Each.....
D18533—Model D550. Non-Automatic Iron. As above less thermostat. Cannot be used without water. For 105-120 volt AC or DC use. List, \$8.95. **\$5.70**
YOUR PRICE, Each.....

Electric Heater

Electric Stove

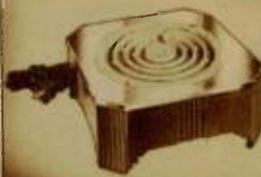
Superior Electric Stoves



Quality general purpose electric heater for the home, garage workshop, etc. 12 inch chrome plated bowl reflects every bit of the heat developed by the coil nichrome wire heating element. Streamlined base with hang-up slot in rear, tilts to any angle. Rich brown finish. 15" High. 600 Watts. For 105-120 volt, AC or DC operation. Approved cord and plug included. List, \$3.15.

With 12" Reflector
D18245—
YOUR PRICE, Each..... **\$1.98**

With 10" Reflector
D18246—Same as above except has 10" reflector. List, \$2.00.
YOUR PRICE, Each..... **\$1.29**



Convenient single burner electric stove. Useful in places where gas and other heating means are not available. Constructed of heavy gauge steel with nickel plated top and black enamel base. Size, 8 $\frac{3}{4}$ " sq. x 3 $\frac{3}{4}$ " high. Heating element 5 $\frac{1}{2}$ " dia., 550 watts. For 110 volt, AC or DC operation. Complete with attached cord and plug.
D18298—List, \$1.40.
YOUR PRICE, Each **97c**



A really heavy duty stove with two completely protected 825 watt Nichrome Elements. The enclosure of elements guarantees longer life. Has two 3-heat switches, each with off-low-medium and high positions. Made of heavy gauge steel with modernistic steel legs. Finished in durable black baked enamel with nicked sides. Has 6 ft. cord set attached. Top size 8 $\frac{1}{2}$ " x 17 $\frac{1}{2}$ ". Weight 12 lbs. Single burner model has one 825 watt element and one 3 heat switch. Top size 8 $\frac{1}{2}$ " x 8 $\frac{1}{2}$ ". Weight 6 lbs. For operation on 110-125 Volt AC-110 current. Underwriters' Approved.
D18299—Two Burner Stove. List Price, \$6.75.
YOUR PRICE..... **\$4.48**



D18248—Single Burner Stove. List Price, \$3.50.
YOUR PRICE..... **\$2.55**

NEWEST ELECTRIC SEWING MACHINES

Knee Hole Desk Model

Rotary Type Head
Incorporates the full rotary type head described below in a beautiful knee hole desk, cabinet. Constructed of attractively figured American walnut throughout, beautifully hand polished to a high luster. Four extra large and roomy drawers, equipped with modern and attractive pulls. Drawers equipped with desk and sewing accessories such as inkwell, pencil tray, spool holder, pin cushion, etc. Provides ample room for sewing needs. Designed to serve as a useful and attractive desk when not in use for sewing. The high grade rotary sewing head is smoother and faster than other types. Speed is regulated by a conveniently located knee control. Comes equipped with full set of accessories.



For 105-120 Volt AC or DC

D18487—With Rev-Sew Rotary Head. List, \$147.50.
YOUR PRICE \$81⁶⁵

D18490—With regular Rotary Head. List, \$185.00.
Year Price \$76⁶⁵

Swedish Modern Console

Rotary Type Head
This up-to-the-minute modern cabinet is sturdily built throughout. Has arm that supports lid when cabinet is open. Top, lid and front panel are of specially selected 5-ply walnut. Front panel is of beautifully figured walnut veneer. Rigidity of cabinet is increased by stretcher set 1/2 of the way back. Will not interfere with feet. Has swing-out drawer with extra capacity for sewing accessories. Size 24x17x30". Incorporates the full rotary type sewing head and accessories described below.



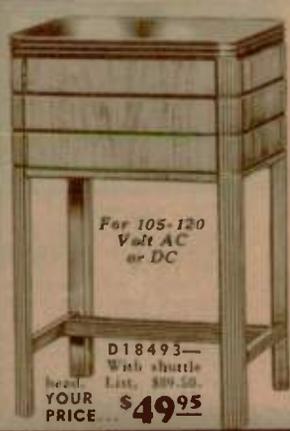
For 105-120 Volt AC or DC

D18488—With Rev-Sew Rotary Head. List, \$102.50.
YOUR PRICE \$62⁰⁰

D18491—With regular Rotary Head. List, \$99.50.
YOUR PRICE \$57⁵⁰

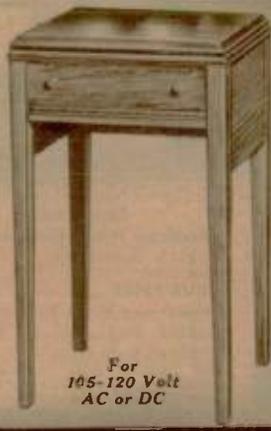
Modern Walnut Console

With Rotary Type Head
D18492—With regular Rotary Head. List, \$95.00.
YOUR PRICE \$54⁵⁰
D18489—With Rev-Sew Rotary Head. List, \$107.50.
YOUR PRICE \$58⁷⁵
Moderne walnut console, conservative in design and yet its lines are of the attractive popular style that are featured in Home Furnishings year after year. Lid and top are of striped walnut. Has attractively reeded legs. A double stretcher, needed to match the legs lends rigidity and strength to the cabinet. Motor speed may be controlled by either knee or foot control speed device. Comes equipped with full set of accessories.



For 105-120 Volt AC or DC

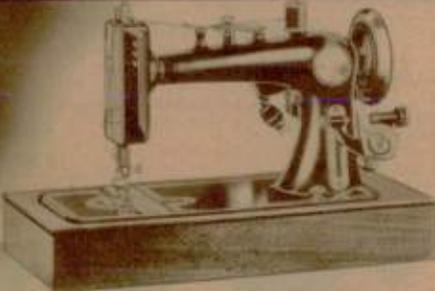
D18493—With shuttle head. List, \$89.50.
YOUR PRICE \$49⁹⁵



Popular Walnut Console

With Shuttle Type Head
D18494—List, \$49.50.
YOUR PRICE \$35⁹⁰
An attractive sturdy and reliable sewing machine cabinet substantially constructed of 5 ply walnut veneer and walnut finished hardwoods highly polished. Modern in design with tapered legs. Medium in size, large enough for all sewing requirements. Sewing head motor regularly furnished for use with any 105-120 volt current. A handy piece of furniture will serve as a general utility stand or convenient table when in closed position. Will give many years of satisfactory and faithful service. Measures when closed, 16 1/2 x 19 x 30". Comes equipped with full set of accessories.

Special Home Portable



D18495—List, \$46.50.
For 110 volt AC or DC.
YOUR PRICE \$24⁷⁵

A real portable electric sewing machine with shuttle type head. Weighs only 25 lbs. Easily carried from place to place. Base is richly finished in walnut color. All bright parts are chrome plated and polished. Sewing head is popular "K" size. Has a high arm and allows ample room for handling bulky or heavy material. Speed is regulated by a foot controlled rheostat. Furnished with rubberized cover for dust protection and complete set of accessories.

"RevSew" Portable Model "H"

Mechanical Features Of the Sewing Machines on This Page Rotary Sewing Head

Machines with Rotary Head feature over the shuttle type. Smoother, quieter, smoother operation, faster action and automatic thread tension, an exclusive patent feature that adjusts itself to any thickness of thread. Automatic bobbin rewind release operates without attention when the bobbin is full. Air cooled brass bearing motor is an integral part of the head—not an attachment. Equipped with built-in sewing light, number stitch regulator (6 to 32 per inch), wide cloth feed, ribbed pressure foot, self setting needle and self threading shuttle. For 105-120 V. AC-DC.

Rev-Sew Rotary Sewing Head

Machines with Rev-Sew rotary head incorporate every feature above outlined and in addition are designed to sew either forward or backward making a real double lock stitch. The reversing feature is particularly desirable for fastening, hemming, quilting. May also be used for embroidering.

Shuttle Type Sewing Head

Machines with shuttle head have automatic bobbin rewind release, operates without attention when bobbin is full. Air cooled brass bearing motor is an integral part of the head—not an attachment. Equipped with built-in sewing light, numbered stitch regulator (6 to 32 per inch), wide cloth feed, ribbed pressure foot, self setting needle and self threading shuttle. For 105-120 Volt AC or DC.



D18497—List, \$49.50.
YOUR PRICE \$34⁶⁰

A Streamline styled shuttle type portable with concealed electric sewing lamp and automatic bobbin rewind release. Controlled forward and backward feed mechanism. Very easy to thread. All bright metal parts are chrome plated. Speed is regulated by foot control pedal. Supplied with a walnut base and sturdy leatherette case that holds all parts conveniently. Comes furnished with a complete set of accessories. Net weight 30 lbs. For 105-120 volt AC or DC.

The Junior Seamstress

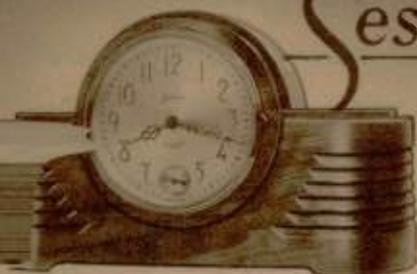
D18496—List, \$3.00.
YOUR PRICE \$3⁴⁸
Not only a toy, but a small size practical little machine that will gladden the heart of the young miss. Sew a straight seam the same as mother's regular size machine. An ideal gift item for the little housekeeper providing a means for doing simple sewing jobs. Excellent for training the growing girl in household duties. Hand powered.

DEALERS! These sewing machines offer you many real sales opportunities. Practically every home is a prospect. You can earn many extra dollars with this line. The quality is guaranteed the best. Sure to please the most exacting seamstress in the shop at home. Long satisfactory trouble free service is assured. Retail prices given are very attractive. Descriptive circulars will be sent on request.



Sessions Electric Clocks

Self-Starting—Synchronous Movements
For 105-120 Volt, 60 Cycle A.C. Operation

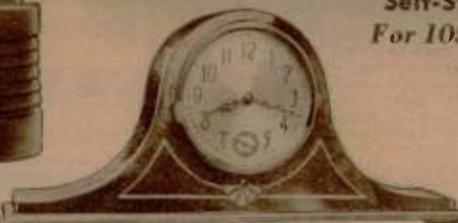


The Hawthorne

With 5 Tone Westminster Chime

D18305—List, \$33.50. **YOUR PRICE, \$20.10**

Has full 5 tone Westminster 1/4 hr. chimes. Self starting electric movement. Highly polished case of matched walnut veneer with 6" silvered dial and raised numerals. Size 10 1/2" x 6 1/2". Creates a cheerful atmosphere.

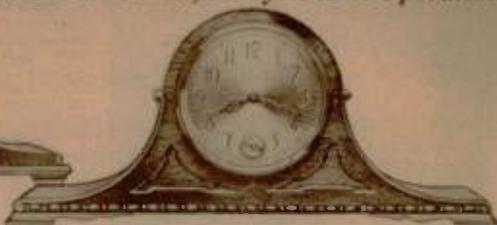


The Shelley

With Two Tone Chime

D18306—List, \$14.50. **YOUR PRICE, \$8.70**

Has 2 tone 1/4 hour chime. Strikes one chime on the half hour and both chimes on the hour. Self starting electric movement. Beautiful inlaid Mahogany veneer case, 21x9 1/2" high. 5" silvered metal dial with raised numerals. Attractive Old English styling. A time piece that will harmonize with most home furnishings. Suited for any mantel or radio—or the library.



The Buckingham

With 5 Tone Westminster Chime

D18307—List, \$26.00. **YOUR PRICE, \$15.60**

Self starting electric movement with full 5 tone Westminster 1/4 hr. chime. Chimes every quarter of an hour with a charming and easy-on-the-ear musical phrase. Has 6" silvered metal dial with raised numerals. Case is 21x11" high. Made of genuine walnut with burl overlays. A time piece that will complement any interior.



The Somerset

D18308—List, \$13.00. **YOUR PRICE, \$7.80**

Rainy style wall clock with whitewood case finished in rich mahogany color. Self-starting electric movement. Has 6" silvered metal dial with raised numerals. Size, 11 1/2" x 28" high.

The Maline

D18304—List, \$8.00. **YOUR PRICE, \$5.25**

Similar to above except smaller in size. Size 7" x 22" high.



The Mode

Luminous Hands and Numerals

D18315—With Alarm. List, \$7.00. **YOUR PRICE, \$4.20**

Hands and Num. Not Luminous

D18313—Without Alarm. \$3.00

D18314—With Alarm. \$3.60

Self starting electric movement in genuine walnut case with black hands. Has 4" metal dial with raised numerals. Size, 8 1/2" x 5 1/2" high. On the alarm models the gently urgent tone of the alarm does not jangle or jar the nerves. The luminous hands and numerals are easily readable in the dark. Ideal for the modern home or office.



The Ship

Raised Numeral Metal Dial

D18303—List, \$6.55. **YOUR PRICE, \$3.93**

An unusual and ornamental clock and panel with height metal against a beautiful walnut veneer background. Figure shows silhouette of ship under full sail. Useful as well as decorative for office, mantel, study or library. Self-starting electric time movement provides utmost in convenience and accuracy. Size of walnut veneered panel, 10" x 6 1/2". 3 1/2" raised numeral metal dial.



The Clarion

With Alarm

Luminous Hands and Numerals

D18294—Ivory Finish \$4.50 **2.70**

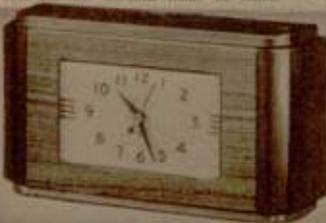
D18295—Walnut Finish 4.25 **2.55**

Hands and Num. Not Luminous

D18296—Ivory Finish \$3.50 **2.10**

D18297—Walnut Finish 3.25 **1.95**

Modern design plastic case in ivory or walnut finish. Dial is 3 1/2" in diameter and has large, easily-read embossed raised numerals. Bell alarm makes this a general utility clock. Self-starting electric time movement guarantees dependable accuracy. Size 4 1/2" x 3 1/2".



The Commander

Luminous Hands and Numerals

D18232—With Alarm. List, \$6.00. **YOUR PRICE, \$3.60**

Hands and Numerals Not Luminous

D18233—Without Alarm. List, \$4.00. **YOUR PRICE, \$2.40**

D18234—With Alarm. List, \$5.00. **YOUR PRICE, \$3.00**

Modern styled genuine walnut case. Ideal for use on radio cabinet, or as a mantel clock. Oblong metal dial has luminous, easily read numerals. Self-starting electric time movement. Dial is 4 1/2" x 7", size of case overall is 7 1/2" x 4".



The Commercial

D18319—List, \$6.25. **YOUR PRICE, \$3.75**

An excellent clock for stores, offices, and schools. Has self starting electric movement mounted in attractive 14 1/2" square metal case. Silver lithographed metal dial with black and gilt lacquered numerals. Has black metal hands.



The Plastique

D18320—Teary D18322—Red

D18321—Green D18323—White

List, \$3.00. **YOUR PRICE, Each, \$1.80**

A kitchen wall clock of attractive modern design. Has self starting electric movement in plastic moulded case. Size 7 1/2" x 7 1/2" high with 3" dial. Black metal hands.



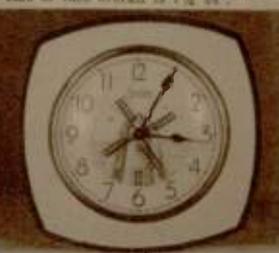
The Teapot

D18324—Teary D18326—White

D18325—Red D18327—Green

List, \$3.70. **YOUR PRICE, Each, \$2.22**

An attractive kitchen wall clock. Has self starting electric movement in metal tea pot case. Metal dial has raised numerals. Size, 8 1/2" x 7" high. Black metal hands.



The Moving Windmill

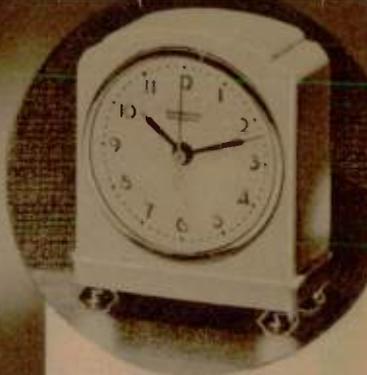
D18235—Red Trim. D18236—Blue Trim. List, \$2.50. **YOUR PRICE, Each, \$2.34**

Dial is ornamented with an old-fashioned windmill that has moving sails. White case has beveled edge in contrasting colors, red or blue. Size, 7" x 7". Dial is 3".

HAMMOND ELECTRIC CLOCKS

Attractive, dependable, high quality electric clocks. Made by a manufacturer with international reputation for quality engineering. Over 5 million Hammond Clocks are now in use. Silent operation and long life are assured by this modern, slow-speed synchron-

ous motor movement. Day after day, year after year, these clocks will remain accurate to the exact second. Due to extremely low current consumption, these clocks must be restarted manually when stopped. For 105-120 volt, 60 cycle AC operation.



The Cathay
With Alarm

D18209—List, \$5.25. **YOUR PRICE, \$191**

A petite Alarm Clock in molded Ivory plastic case. $3\frac{1}{2}$ " Metal dial scale finished in Ivory with numerals and hands in black. Bezel and feet are bright gold finish. Size, $2\frac{1}{2}$ " x $4\frac{1}{2}$ " x $2\frac{1}{2}$ ". Even though this model is the lowest in price, it contains the same high-grade construction of other models shown on this page.

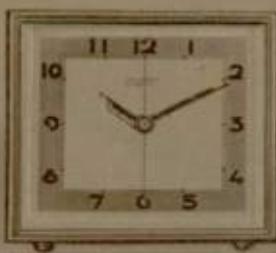
Dealers! At these new low prices Clocks provide the ideal answer to the gift problem. Buy Now! Our stocks are complete.



The Courtier
With Alarm

D18202—List, \$4.95. **YOUR PRICE, \$291**

Easel type highly figured Butt Walnut panel case with light wood inlays. $3\frac{1}{2}$ " White silver plated dial with brushed silver plated ring. Black numerals and hands. Size, $5\frac{1}{2}$ " high, $4\frac{1}{2}$ " wide.



The Edgemont
With Alarm

D18223—List, \$3.95. **YOUR PRICE, \$232**

For desk or dressing table. Easel type metal case, brightly chrome finished. $4\frac{1}{2}$ " two tone satin silver dial with black numerals and hands. Beveled edge crystal. Case size, $4\frac{1}{2}$ " high, $3\frac{1}{2}$ " wide.



The Modern Firefly
Illuminated Dial-Alarm

List Price, \$4.95. **YOUR PRICE, Each, \$291**

D18207—Black and Chrome.
D18208—Ivory and Gold.
Molded plastic case in either Ivory or Black. 1" Translucent dial is illuminated by tiny bulb. Tells time in the dark with no glare. Size, $5\frac{1}{2}$ " high x $4\frac{1}{2}$ " wide x $2\frac{1}{2}$ " deep.



The Mentor
With Alarm

D18214—List, \$5.95. **YOUR PRICE, \$350**

Mahogany finish case. Face, four-piece matched genuine sycamore. Black moulded plastic feet. Dial, $3\frac{1}{2}$ ", silver plated brass satin finished ring on matte finished background. Gold color metal bezel. Black hands, gold colored second hand. Size: $4\frac{1}{2}$ " high, $6\frac{1}{2}$ " wide, $2\frac{1}{2}$ " deep.



The Grenadier
With Alarm

D18211—List, \$3.95. **YOUR PRICE, \$232**

For desk or dressing table. Easel type sparkling chrome plated case with black strip across base. $4\frac{1}{2}$ " Metal dial face has two-tone, silver plated satin finish. Black numerals and hands. Gold colored second hand indicates when clock is in operation. Size $5\frac{1}{2}$ " x $4\frac{1}{2}$ ".



The Tripoli Alarm
With Automatic Calendar

D18212—List, \$9.95. **YOUR PRICE, \$585**

Striped Mahogany veneer case. Fine hurl finished face with light strip inlays. $3\frac{1}{2}$ " Two-tone silver finished dial. Black numerals and hands. Calendar automatically shows day and date. Gold colored second hand indicates when clock is in operation. Size, $5\frac{1}{2}$ " x $6\frac{1}{2}$ " x $3\frac{1}{2}$ " deep.



The Regent
With Alarm

D18222—List, \$9.75. **YOUR PRICE, \$573**

For Living Room, Library or Den. Easel type case of lustrous genuine Onyx. Hand spun gold plated $4\frac{1}{2}$ " dial with white hour markings. Gold plated hands. Revolving second disc with arrow indicates when clock is in operation. Size: $5\frac{1}{2}$ " square.

Popular Modern Kitchen Clock



The Luna
With Alarm

D18213—List, \$7.95. **YOUR PRICE, \$467**

Solid mahogany case. Amboyne hurl finish face with inlay design border. Translucent plastic dial, $3\frac{1}{2}$ ", illuminated without glare by tiny bulb. Gold color metal bezel. Black hands with gold color second hand. Size: $5\frac{1}{2}$ " H., $5\frac{1}{2}$ " W., $2\frac{1}{2}$ " D.



The Hampton

D18215—List, \$4.95. **YOUR PRICE, \$291**

For the modern kitchen or small office. Bright chrome plated, fluted metal case. $6\frac{1}{2}$ " Dial in white. Black numerals and hands. Has special fourth hand—the 3 Minute Meter useful for timing purposes. Sweeping second hand indicates clock operation. Size, $2\frac{1}{2}$ " x $2\frac{1}{2}$ " diameter.



The Stewardess

List Price, \$4.50. **YOUR PRICE, Each, \$265**

D18216—Ivory. D18301—White.
D18217—Black. D18302—Green.
D18300—Red.
For kitchen, both or office. Chrome plated. Fluted side hands and bezel. Hangs on wall or stands on own base. $5\frac{1}{2}$ " x $5\frac{1}{2}$ " Dial in white with black numerals and hands. Size, $5\frac{1}{2}$ " x $5\frac{1}{2}$ ".



The Parkway

List Price, \$3.00. **YOUR PRICE, Each, \$176**

D18203—Ivory. D18204—Green.
D18221—Red.
For Kitchen or Bathroom. $6\frac{1}{2}$ " dia. metal case in Ivory, Green or Red finish with chrome plate bezel. $4\frac{1}{2}$ " white metal dial with black numerals and hands. Second hand.

Toasters and Coffee Makers

Samson Automatic 2-Slice Pop-Up Toaster

The year's best buy in Automatic Toasters

D18269—List, \$9.95.
YOUR PRICE,
Each

\$6.67

Toasts one or two slices of bread on both sides at the same time, automatically shuts off current and pops toast out when done to just the right color and crispness. Utmost simplicity of operation. Just drop in bread, set for kind of toast desired, press down lever and the toaster takes care of everything else. Tray at bottom catches all crumbs and is easily removed for cleaning. The graceful lines of the lustrous chrome body are enhanced by a richly embossed design. Base and handles of grained walnut bakelite add the proper touch of contrasting color. Equipped with detachable 7' 3" cord for easy access to any outlet. Underwriters' Listed. Operates on 110-120 volts AC only. 800 Watts.



Automatic Electric Toasters

A—Toastswell Automatic

D18374—List, \$9.95.
YOUR PRICE

\$6.88

Toasts two slices of bread on both sides at the same time to any desired shade. When toast is finished, the toaster returns to low heat and the selective pop-out feature raises toast to any desired height, or leaves the toast in toasting oven to stay hot until ready to serve. "Time Master" automatically lengthens toasting period when toaster is cold. Modernistic lines, triple chrome plated, bakelite handles. Nichrome element with Lava Insulation. Size 7 1/2 x 6 1/2 x 8 1/2". 600 Watts. 105-120 volt AC-DC. Includes cord and plug.

B—Proctor

Automatic Toaster

D18375—List, \$9.95.
YOUR PRICE

\$6.68

Toasts two slices of bread on both sides at the same time. When toast is complete a bell rings and the current turns off. Feather touch button raises toast for easy removal. Thermostat control permits choice of 3 shades of toast from light to dark. Beautiful modern design with chrome finish. Bakelite knobs and base. Size 7 1/2 x 6 1/2 x 10". 1100 Watts. 105-120 Volt AC. Includes cord and plug.

C—Proctor Toaster

With Automatic Timer

D18378—List, \$3.95.
YOUR PRICE

\$2.76

Automatically turns off current and rings bell when toast is finished. Can be set for light, medium or crisp toast. Toast is turned over automatically as door is opened. Smartly finished in chromium with ebony trim. Cord set included. For 105-120 volt, AC or DC.

D—Quality Toaster

D18379—List, \$1.65.
YOUR PRICE, Each

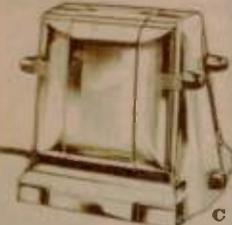
98¢

Big value, excellent quality. Toasts two slices at a time on one side. Toast is turned when door is lowered. Nickel plated doors and baked enamel sides. Bakelite handles. Has 400 watt nichrome element. For 110 volt AC-DC current. Underwriters' Approved. Without cord.

E & F—Superior Toasters

Chromium finished toaster in modern design with well rounded corners. Has 4 walnut wood handles. Toasts bread or buns to a golden brown. Opening door turns toast automatically. Nichrome element wound on mica. Underwriters' Approved. For 110-125 volt AC-DC. Furnished with 6 ft. cord set.
D18377-E—2 slice 400 watts. **\$2.28**
List, \$3.50. YOUR PRICE

D18376-F—4 slice 350 watts. **\$2.98**
List, \$4.50. YOUR PRICE



Toastswell Deluxe

Tray Set and Toaster

D18277—List, \$18.45.

YOUR PRICE, Each

\$11.95

Two-slice fully automatic pop-up Toastswell Toaster as described above, on an extra large Satin[®] Finish genuine Walnut warp and stain-proof Tray. Two crystal glass relish dishes, four crystal glass serving plates and cutting board with permanently attached knife are also included. Designed for impromptu gatherings and informal entertaining. A complete snack-tray to serve unexpected guests and casual visitors. Tray is 15 1/2 x 25 1/2".

Toastswell Super-Silent Fully Automatic Toaster

With Split-Second Time Control
D18276—List, \$11.95. **\$7.94**
YOUR PRICE, Each

This new two-slice toaster features a clock mechanism that is absolutely silent, completely eliminating the annoying ticking found in ordinary clock-controlled toasters. Automatic split-second time control regulates toasting time with amazing accuracy. Toasting time is lengthened when toaster is cold and shortened when it heats up, making every piece of toast identical in color and crispness with the others. Selective pop-out feature automatically pops out bread when toasted or keeps it warm in toasting oven until served. Chromium body rests on bakelite base and has bakelite handles and trimmings. All construction is extra heavy. Has nichrome 725 Watt elements. Size, 12 1/2 x 11 1/2". 110-125 volts AC-DC. Supplied with cord set.



White Cross Coffee-Vacs

Approved by
Good Housekeeping

Heat resisting glass top and bottom have platinum banding decorations. Modernistic double duty bakelite cover also serves as stand for the upper container. Tray style electric stove is chromium finished with walnut handles and rubberoid feet well insulated. Nichrome element is high quality refractory grid style. Makes delicious coffee the scientifically correct vacuum way. New, improved, triple-speed filter prevents clogging and eliminates muddy, bitter coffee; speeds up drip process cannot slip from position. Easy grip, heat proof bakelite handle makes pouring easy. Furnished with 6 foot cord set. For 105-125 volt AC-DC current.



D18230—6 Cup Gas

Model. List, \$2.45.

PRICE, Each, \$1.56

In Lots of 3, \$1.44

Each

D18228—6 Cup Elec-

tric Model. List, \$4.25.

PRICE, Each, \$2.84

In Lots of 3, \$2.63

Each

D18229—8 Cup Elec-

tric Model. List, \$4.75.

PRICE, Each, \$3.24

In Lots of 3, \$2.95

Each

Cory Coffee Brewers

With Two-Heat
Electric Stove

Fast efficient filtering unit extracts only delicious essential coffee flavor without the objectionable bitter taste that percolating and boiling draws out. Features: Hinged decenter cover; Chrome plated two heat electric stove—high for brewing—low for keeping coffee at proper drinking temperature; Bakelite combination funnel holder and cover and bakelite handles. Heat-proof glassware with bakelite handles is made by the makers of Pyrex in the new wide mouth style for easier cleaning. Includes 6 foot cord set and Bakelite Coffee Measures. 4-6 Cup sizes furnished with Cory glass rod filter. 7-12 Cup sizes furnished with both glass and "Fast Flow" Filter. For 105-125 volt AC or DC. Underwriters' Approved.



Black Stock Num.	List Price	Your Price Each	Lots of 3, Ea.	Cup Size	Ivory Stock Num.	List Price	Your Price Each	Lots of 3, Ea.
D18380	\$4.95	\$3.38	\$3.15	4-6	D18383	\$5.45	\$3.70	\$3.48
D18381	5.95	4.10	3.78	7-8	D18384	6.45	4.45	4.25
D18382	6.95	4.80	4.48	10-12	D18385	7.45	4.98	4.78

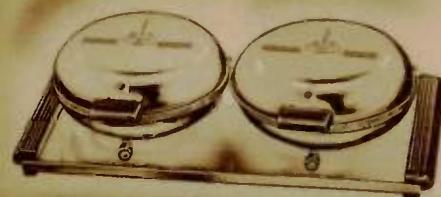
Gas Models

Same an electric model except that no electric heating unit is included. Supplied with black trimmings only.

Stock Num.	Cup Size	List Price	Your Price	Lots of 3 Each
D18386	4-6	\$2.45	\$1.68	\$1.53
D18387	7-8	3.45	2.35	2.15
D18388	10-12	4.45	2.95	2.76

C18231
Glass Filter
Each
33¢

Egg Cookers -- Waffle Irons



Samson Automatic Twin Waffle
 Bakes two full-size waffles at one time just the way you want them—light, medium or dark. Signal light on each unit glows when grids are ready for batter and again when waffles are done. Fast heating nickel chrome elements bake waffles thoroughly and quickly. Either or both units may be used as desired. Current shuts off automatically when waffles are done. 7/8" cast aluminum greaseless grids. Finished in lustrous chrome with Genuine Walnut handles. Size: 16 1/2" x 8 1/2" x 4 1/4". Underwriters' Listed. Twin cord set. 110-120 volts A.C. 1250 Watts total.
D18264—List, \$11.95. YOUR PRICE, Each.....\$7.89
D18265—Same as above with heat indicator but less automatic current cut-off and heat control. List, \$8.95. YOUR PRICE, Each.....\$5.95



Toastswell Automatic Waffle
D18266—List, \$9.95. YOUR PRICE, Each.....\$6.80
 Many new exclusive features make this Toastswell Waffle one of the finest available. This completely automatic waffle iron does everything but make the batter. Has a special thermostatic control that enables anyone to make perfect waffles, without any previous experience, light or dark as desired. Pilot light shining through a ruby jewel shows when to pour in batter and when waffle is completed. When signal light glows out the thermostat automatically shuts off the current, indicating that the baker is ready for more batter or that waffle is ready to be served. 8" heavy cast aluminum grids with extra outer ring to prevent overflow. Smart new styling with massive square base, streamlined dome and modern etched design. Made of heavy gauge steel, chrome plated. Has black bakelite handles and feet. Size 11 1/2" x 5 1/2" x 10 1/2". 680 Watt nichrome element. For 110-120 volt AC. Complete with detachable cord set.



White Cross Twin Waffle
D18267—List, \$8.95. YOUR PRICE, Each.....\$5.95
 Beautiful new White Cross twin waffle iron that bakes two full size waffles quickly and evenly throughout. Each grid has heat indicator that tells when to start baking and when waffle is ready to serve. The styling of this attractive home appliance is as modern as tomorrow and as easy to look at as the crisp waffles it makes are delicious to eat. The new square shape is very much in demand because it matches the modern home or adds a smart touch of modernity to more conservative furnishings. Cast aluminum no-stick grids are 5 1/2" x 5 1/2" and require no preparatory treatment or breaking in. Special White Cross oven type nichrome heating elements distribute heat evenly to both top and bottom grids for uniform baking at all times. Full expansion hinges with concealed connecting nickel wires hold waffles firmly and evenly without crushing. Finished in bright durable chrome with walnut colored lifting and side handles. Comes complete with Underwriters' Approved detachable cord set. 680 Watts.



White Cross Automatic Waffle
D18268—List, \$8.95. YOUR PRICE, Each.....\$5.95
 Fully automatic in operation. Signals when grids are ready for batter, signals and turns off current when waffle is baked perfectly. Lever adjustment for light, medium or dark waffles. 7/8" cast aluminum no-stick grids have recess to catch overflow of batter. Full expansion hinge with concealed nickel lead wires. Has beautiful flowing curved lines and handsome engraved decorations on base and cover. Fancy Walnut colored handles. Bright chrome finish. 660 Watt Nichrome element. For use with 110-120 Volt AC current. With detachable cord set.

Handyhot Deluxe Automatic Twin Waffle

A De Luxe appliance in every respect, retaining the modern trend of rich simplicity with full function. Fully automatic, bakes two 6" waffles at one time—or one grid can be used independently of the other if desired. Setting provided for light, medium or dark waffles. Has crystal light indicator which announces when greaseless grids are ready for batter and when waffle is baked, ready to serve. Expansion hinges assure evenly baked waffles. Lustrous non-tarnish chrome finish with natural Walnut wood handles and side rails. 800 Watts. Operates on 110-120 volt AC current only. Underwriters' listed. With twin plug cord set.
D18255—List, \$9.95. YOUR PRICE, Each.....\$6.60



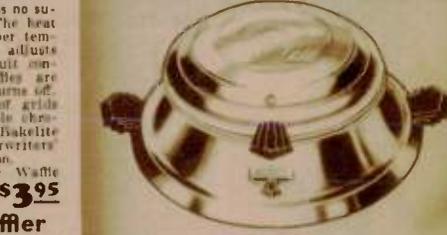
D18256—Same as above except does not have auto waffle feature. Heat indicator tells when to start baking and when waffle is ready to serve. List Price, \$6.65. YOUR PRICE, Each.....\$4.45



DeLuxe Egg Set
 Boils, poaches, scrambles or steam-fries eggs automatically. Only a few teaspoons of water necessary to put cooker in operation. Includes: Ivory porcelain Egg Cooker with chrome dome, 4 Double Ivory porcelain Egg Cups, Chrome finished Metal Serving Tray, Boiling Tray, Ivory porcelain Poaching Dish and cord set. Underwriters' approved. For 105-120 volt. AC operation.
D18240—List, \$6.95. YOUR PRICE, Each.....\$4.69
D18241—DeLuxe Egg Cooker only. Less tray and cups. List Price, \$3.95. YOUR PRICE, Each.....\$2.65
D18242—Standard Egg Set includes Egg Cooker, 4 single egg cups, and serving tray finished in baked ivory enamel, does not include poaching dish. List, \$3.45. YOUR PRICE, Each.....\$2.65
D18243—Standard Egg Cooker only. List Price, \$1.95. YOUR PRICE, Each.....\$1.35

Red Seal Automatic Waffle Iron

Operates with watchlike precision—requires no supervision—each operation is automatic. The heat indicator tells when the grids are at proper temperature for pouring batter. Thermostat adjusts length of baking time automatically to suit consistency of various batters. When waffles are baked, signal light goes out and current turns off. "Mirror finish" 7 1/2" dia. cast steel proof grids with overdrip groove. Finished in durable chromium with embossed cover design. Bakelite handles. Complete with cord set. Underwriters' approved. For 105-120 volts. AC operation.
D18252—Red Seal Fully Automatic Waffle Iron. List, \$5.95. YOUR PRICE, Each.....\$3.95



Superior Automatic Waffle
 Bakes large 7 1/2" waffle on cast aluminum grids with overflow ring. Heated by fast acting 660 watt nichrome element. Signal light indicator tells when to start baking and when waffle is ready to serve. When waffle is baked signal light goes out and current turns off. Attractively chrome plated and embossed, mounted on tray base with attractive wood handles. For 110-125 volt AC. Comes furnished with 6 ft. approved cord and plug set. Underwriters' Approved.
D18368—List, \$5.60. YOUR PRICE, Each.....\$3.68
D18373—Same as above with heat indicator but without automatic turnoff feature. List, \$4.75. YOUR PRICE, Each.....\$2.85



Quality Waffle Iron
 This full size Waffle iron is finished in gleaming chromium plate, black bakelite side and front handles. High quality 7 1/2" dia. grids are made of special processed alloy, chrome plated. Batter will not stick to grids. Heat indicator tells when hot enough for batter and when waffle is finished. Long life nichrome heating elements on both top and bottom plates. Turns out golden brown waffles every time. Cord set not included. For 105-120 volts. AC or DC operation. 660 Watts.
D18249—List, \$3.15. YOUR PRICE, Each, \$1.88. \$1.75
 In Lots of 3, Each



Appliances for Better Living



Lady Dover DeLuxe 10-Speed Mixer With Juicer

D18267—List, \$19.95.
YOUR PRICE..... **\$12.95**

Juicer thoroughly extracts all juice from oranges, grapefruit, lemons and limes. Hand-shaped plastic handle is easy to hold. Equipped with two heavy-duty beaters and two oven-proof mixing bowls, one large and one small. Bowl revolves as it mixes for greater speed and efficiency. Beautifully finished in white kitchen enamel. Complete with rubber cord. Underwriters' Listed. 105-120 Volts AC or DC.

looking. Powered by rugged universal motor. Will not slow down when heating heavy batter, nor speed up when liquids are added. Mixer tilts back to drain beaters or remove bowl, and detaches easily for mixing or washing over stove. Juicer attaches directly through handle without use of tools. It is not necessary to remove beaters in order to use the juicer.



Electric Handmix

D18279—List, \$5.95.
YOUR PRICE..... **\$4.15**

Light weight utility mixer, designed especially to handle light beating, mixing, stirring and whipping. Improved twin beaters provide perfect aeration. Can be used in any bowl or pan anywhere in the kitchen without reheating levers, switches or thermostat. Switch conveniently located on motor for finger-tip control. Twin beaters are instantly detachable for cleaning. Attractive design, beautifully finished in white baked enamel with black easy-grip handle. Easily portable. Complete with 40 ounce white translucent glass bowl. Has attached cord. Underwriters' Listed.



For 110-120 Volt AC Use



Lady Dover 3-Speed Mixer

D18258—List, \$14.95.
YOUR PRICE..... **\$9.45**

Sturdily-built mixer with powerful 3-speed motor. Speed adjustment conveniently located at rear of motor. Finished in white kitchen enamel with comfortable plastic handle. Two efficient beaters easily removable for cleaning. Motor tilts back, and slips easily from base for portable use. Bowl revolves as it mixes. Juicer attachment fits easily into handle without removing beaters. Complete with juicer, two white glass mixing bowls and heavy duty Underwriters' Approved cord. 105-120 Volts AC or DC. Underwriters' Listed.



Electric Mixer

Whips cream, beats eggs and mixes salad dressings, icings, drinks, etc. May be used in cup, bowl or glass. High speed, quiet induction motor. 24 oz. clear glass bowl is graduated in pint, cups and ounces. Motor finished in white, has bottom type On-Off switch, with nickel plated handle. 4 foot cord and plug attached. For 110-120 volts 50-60 cycle AC operation.

D18339—YOUR PRICE, Each **\$1.75**

D18259—Similar to above but has smaller motor.
YOUR PRICE, Each **95c**



Metodont Electric Tooth Brush

A revolutionary device for cleaning the teeth, plates or dentures and for massaging the gums. Attractive ivory plastic case fits the hand snugly. Brush oscillates 7200 times per minute or 36 times faster than each member can have a separate brush arm identified by colored dots. Will not injure the enamel or irritate gums. Completely sealed against moisture. Guaranteed for one year. Underwriters' Approved. Furnished with 7 ft. cord and plug.

D18347—List, \$8.75.
YOUR PRICE..... **\$5.84**

For 110-120 volt AC
D18389—A—Brush
D18390—B—Brush
D18391—C—Brush
D18349—D—Brush

Each..... **35c**
D18348—E—Extra Arm and Brush "D"..... **98c**



Baby Bottle Warmer

Convenient stand electric baby bottle warmer. Heats any standard sized baby bottle to feeding temperature, then shuts off the current automatically. Very speedy in operation. Smooth finished porcelain. Furnished with approved rubber covered cord set. For 110-120 Volt AC.
D18392—Pink, Each
D18394—Blue, Each
D18393—Ivory, **69c**

Eskimo Whiz-Mix Liquifier



Eskimo Whiz-Mix Liquifier

NEW; DIFFERENT! More than a mixer! It whips, shreds, and liquefies. Apples, oranges, carrots, nut meats converted into a smooth liquid that flows like water! Pineapple ice made without a freezer! Tomato juice made from whole, ripe tomatoes. Housed in the Chromium plated pressed steel base, is the extra powerful, high-speed motor that drives the whirling stainless steel blades in the upper glass bowl at a speed of 32,000 R.P.M. It is ruggedly built, with bronze bearings, forced ventilation and conveniently located 2-speed switch. Operates on AC or DC 115 V. Overall size, 12" high. Base dia. 7". Capacity one bowl, 1 qt. Whip, Wt. 8 lbs. D18278—List, \$15.00.
YOUR PRICE..... **\$9.45**

Nite Beam-Bed Lamp

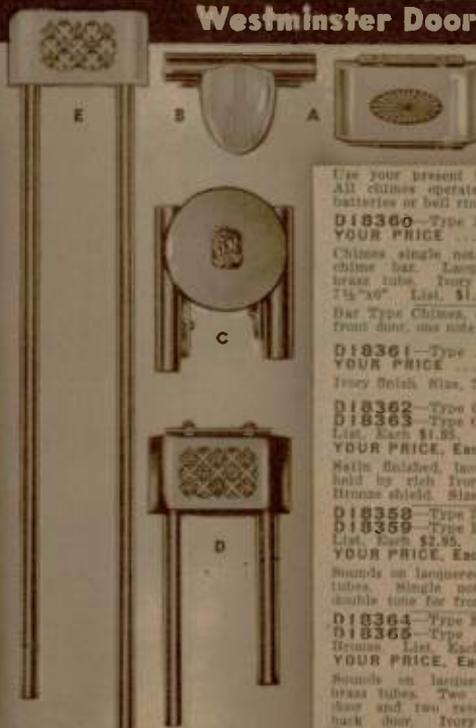
All the convenience of reading in bed without disturbing any one else's sleep. Made of two piece reflector with magnifying lens. Lens holder and reflector attached to body of lamp by bayonet lock, easy to replace bulb. Turn knob socket, special adjustable joint. Wire lock, felt lined clamp, will not mar furniture. Choice of Ivory or Bronze Finish. Furnished with approved cord and plug set.
D18395—Bronze, D18396—Ivory,
List, \$1.75.
YOUR PRICE, Each..... **\$1.05**

New Haven Time Switch And Self Starting Electric Clock

Designed for automatic control of radio sets and electric appliances. At any predetermined time, can be set in turn "on" and "off" for any period of time not over 5 hours nor less than 10 minutes. Convenient appliance outlet at rear. Visual signal indicates any current interruption. Dark walnut bakelite case. Size, 4 1/2" x 1 1/2". For 90-120 volt, 60 cycle AC.
D18329—List, \$4.75.
YOUR PRICE..... **\$5.44**



Westminster Door Chimes



Take the place of harsh, disturbing conventional door bells.

Use your present bell wiring system. All chimes operate from 8-Volt dry batteries or bell ringing transformer.

D18360—Type B
YOUR PRICE..... **68c**

Chimes single note on gold finished chime bar. Lacquered satin finish brass tubes. Ivory finish body, size, 7 1/2" x 9". List, \$1.00.
D18361—Type A
YOUR PRICE..... **85c**

Ivory finish size, 7" x 1 1/4". List, \$1.20.
D18362—Type C. Ivory finish.
D18363—Type C. Bronze finish.
List, Each \$1.25.
YOUR PRICE, Each..... **\$1.28**

Settin finished, lacquered brass tubes, held by rich Ivory or Old English Bronze shield. Size, 7" x 9".
D18359—Type D, Ivory finish.
D18359—Type D, Bronze finish.
List, Each \$2.95.
YOUR PRICE, Each..... **\$1.98**

Sounds on lacquered satin finish brass tubes. Single note for back door, double tone for front. Size, 7 1/2" x 9".
D18364—Type E. Ivory finish.
D18365—Type E. Old English finish.
List, Each \$3.95.
YOUR PRICE, Each..... **\$2.68**

Sounds on lacquered satin finished brass tubes. Two notes for the front door and two reverse tones for the back door. Ivory or Old English Bronze body finish. Size, 7" x 10".

Appliance Super Values



Superior Sandwich Toaster

With Heat Indicator

Toasts, grills, broils or fries right at the table. Extra large grills with smooth dull aluminum finish have enough room for two large sandwiches, 4 eggs, or 4 pancakes, etc. Both top and bottom grills have overtop spouts. Handy cup catches excess grease. Accurate heat indicator shows when proper temperature for cooking has been reached. Chromium finish with natural walnut handles. Quick action, steel enclosed, 600 watt Nichrome Elements. For 110-125 Volt, AC-DC. Furnished with 8 foot cord and plug set. Underwriters' Approved.

\$338

D18332—List, \$3.23. YOUR PRICE



Superior Sandwich Toaster

With Heat Indicator

Extra value with many quality features. Quickly toasts, broils or fries right at the table. An extra convenience, making snacks or lunches a pleasure to prepare. Accurate heat indicator shows proper heat for best results. Has extra large sized grills with smooth dull aluminum finish. Removably steel enclosed 600 watt nichrome elements. Chromium finished with strong wood handles. Each grill has overtop spout catching excess grease in handy drip cup. Underwriters' Approved. For 110-125 Volt AC-DC. Furnished with 8 foot cord and plug.

\$229

D18334—List, \$3.88. YOUR PRICE



Samson Sandwich Grill and Waffle

D18336—Complete with set of cast aluminum waffle grills. List, \$6.95. YOUR PRICE

\$4.69

Grills and fries—toasts sandwiches or bakes double size waffles. Heat indicator shows when proper temperature has been reached for cooking. Both grills have "no-drip" drain. Special cup catches excess grease. Self-adjusting hinges allow for expansion. Fast heating dull wall nichrome element. Finished in gleaming chromium with walnut handles. For 110-125 V. AC or DC. 8 ft. cord set. Underwriters' Approved.

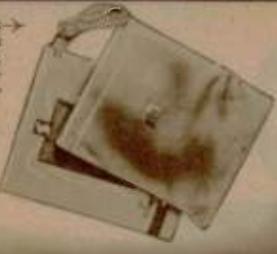


Samson Deluxe Electric Heating Pads

Handi-Hot Electric Washer



Samson 3 Fixed Heats with 4 thermostats on each heat. Water, stain and perspiration resistant covers.



Red Seal 3 Heat with water repellent cover.

Deluxe heating pads incorporate every feature for safety, convenience, and comfort. 3 fixed heats, Low 125°, Medium 150°, High 175°. 4 thermostats keep heat absolutely constant at selected temperatures. Desired heat is selected on new type strain relief rotary switch. Fabric of covers treated for new process making them impervious to moisture, stain, and perspiration. Pads can be used with perfect safety for wet applications and compresses. Size 12"x15". Underwriters Approved waterproof. 55 Watts, 115 Volts AC or DC. 8 ft. cord and plug.

D18262—Genuine Waterproof Wine Flacette Cover. List, \$3.95. YOUR PRICE

D18263—As described above but not waterproof. Permanent cover, tan hannel, extra green angorine cover furnished in water repellent. List, \$2.95. YOUR PRICE

D18261—Red Seal 3 heat pad similar to above but with 2 thermostats only and not waterproof, but water repellent. List, \$1.95. YOUR PRICE



D18397—List, \$14.00. YOUR PRICE

\$9.98

Washes up to two pounds (dry) clothes, with same action as a full size washing machine, insuring absolutely clean clothes in a minimum of time. Compact and portable can be used anywhere. In sink, on table, stand or chair. Separates into three units that anyone can easily handle. Ideal for mother with baby clothes to wash daily. For the small apartment where space is at a premium. For college girls, tourists, in fact anyone who is interested in cutting laundry bills. Direct motor drive guarantees maximum power to impeller—no pulleys or belts. Gears, sealed tightly in lifetime lubricated case. Practically no oil leakage and no further lubrication necessary. Operates on 110-125 volt, 30-60 cycle current. Exceptionally quiet in operation. Underwriters' Approved. Furnished with approved cord and plug set.

D18398—Sturdily constructed, hand wringer for above washer. Has tension adjustment and fail 7 1/2" soft rubber rollers. White enamel finish. List, \$3.95. YOUR PRICE

Broil King Electric Table Broiler

Hollywood Electric Table Broiler



D18275—List, \$13.50. YOUR PRICE

\$8.85

Broils, toasts, bakes and reheats delicious dishes right at the table. Has cooking area of 125 square inches—enough for eight good-sized chops, a 4 1/2 lb. steak, two broiling chickens (2-5 lbs. each), or 8 slices of toast. Intense direct heat quickly sears outside of food, sealing in all the natural juices and retaining full vitamin content. Has non-chip porcelain enameled drip pan and height wire grill adjustable to two heights. Automatic heat indicator and positive high-low heat regulation eliminates all guesswork. High chromium content heating element is enclosed in a black-glass chip-proof refractory plate. Element is easily removed for cleaning it and the broiler. Besides is quickly cleaned by wiping with dish cloth soaked in hot soap suds. Two-piece hinged construction with triple-plated chromium surface. Handsome bakelite trim. Handles and legs are heat-proof. Equipped with detachable cord set and two-heat plug. Rated at 1000 Watts high heat and 450 Watts low heat. 110-125 Volts AC-DC operation. Underwriters' Approved.

D18273—Standard Size 15 1/2" x 11 1/2" 1150 Watt Element. List, \$7.95. YOUR PRICE

\$5.20

D18274—Family Size 12 1/2" x 11 1/2" 1150 Watt Element. List, \$11.95. Your Price

\$7.95



A cast aluminum electric table broiler made to last a lifetime. Cooks steaks and chops, rare, medium and well done in from 8 to 10 minutes. Serve piping hot right from the circular platter to the plate, right at the table. The heavy cast aluminum top eliminates heat loss and lowers current consumption. Economical for all meals. Fish, broasted sandwiches, etc. First aid for the cheery housewife—always ready for unexpected guests, just bring out the Hollywood Broiler and have a tasty meal ready in 15 minutes. Adds attractiveness to the table. Easy to operate. Results are always good because heat is controlled. So burning or smoking. Broiling rack furnished for the steaks and chops. Other meats broil right on cast aluminum steak blatter. All juices collect in three grooves with gray well at one end. Has air-cooled bakelite feet and handles. For 110-125 volt AC-DC. Furnished with cord and plug set.



Simple in construction, sturdy, removable, nichrome element in the broiler top.



EVERHOT De Luxe Electric Roaster

Cooks a Full Meal at One Time for the Whole Family

Features

- Turn-a-Knob Cover Lifter • 18 quart. (22 lb. Turkey) Capacity
- Adjustable Automatic Temperature Control 150° to 550° • Heating Element Surrounds Cooking Well • Hi-reflector Rust-proof Hinged Cover • Utensil Elevating Rack • 6 Piece Utensil Set • Built-in Timer on Floor Cabinet.

D18515—A—Everhot DeLuxe Electric Roaster. Equipped with large inset pan, rack, drip pan, 6 piece White Vitreous enameled utensil set, recipe book and cord set. List Price, \$24.95. **\$16.21**
YOUR PRICE

Cooking the electric way is easier, faster, less laborious and results are surer. With the new Everhot electric roaster anyone with a minimum of experience can prepare an appetizing meal. Everhot saves time and labor and cooks better by reason it retains all the natural flavor of the food, all the beautiful delicious juices. Roasts, bakes, grills, broils or fries a complete meal for the whole family at one time. Adjustable Thermostat Temperature Control from 150° to 550° to suit the requirements of practically any type of cooking. Once set temperature is held constantly at any desired level. Signal light shows when heat is on. Heavy heating element surrounds cooking well and guarantees perfect results. Knob Control Cover Lifter. Heat reflecting rustproof cover opens and closes with a slight turn of the cool white bakelite knob on front of roaster. Inspect or remove food without touching cover—no danger of burns or scalds. Cover has adjustable ventilator. 18 quart capacity, large enough to hold a 22 lb. turkey. Accessories included. Removable inner roasting pan, drip pan, adjustable utensil elevating rack, broiler and broiling rack. 6 piece white vitreous enameled utensil set including one oven broiler rack, 18-10 lb. roast capacity, one 3 1/2 quart covered vegetable pan and two covered vegetable pans with a total capacity of 3 1/2 quarts. All accessories quickly and easily removed for cleaning. Outside of roaster is finished in colorfast baked white enamel with pearl gray and chrome trim. Oven and inset pans are vitreous enameled. Air cooled bakelite handles. Overall outside dimensions, 21" x 15 1/2" x 12 1/2". Underwriters Approved. 1620 Watts. For 105-125 volt AC operation.

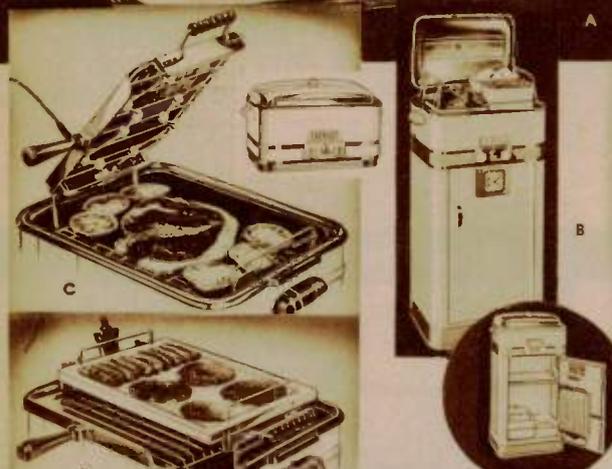
Accessories

D18590—B—Streamlined Cabinet with built-in timer clock. Timer Clock puts roaster into operation at any desired time and turns it off after selected time interval. Cabinet has ample space for all accessories including broiler and griddle. White porcelain enamel finish in match roaster, size 3" high 2 1/2" wide 15" deep. List \$11.95. **\$7.76**
YOUR PRICE

←Door fixture holds broiler, leaving extra room in cabinet for utensils and other appliances.

D18591—C—Broiler Attachment. Fits on roaster body in place of cover. Scientifically designed to concentrate heat rays on every inch of broiling surface. 1500 Watt element is easily removed for cleaning. List \$3.45. **\$2.24**
YOUR PRICE

D18592—D—Griddle Attachment for use with broiler. Broiler reflector reverses and fits under griddle for frying. List \$1.50. **98¢**
YOUR PRICE



EVERHOT Electric Rangette

A compact, complete, fully portable cooking unit that is just the thing for the small apartment, housekeeping room or as an auxiliary in the regular kitchen stove. Performs practically every cooking function. Broils, bakes, toasts, fries and roasts. Occupies less than 2 1/2 square feet of space, and may be used with perfect safety on the dining room table. Patented interlocking 3-heat switches offer a wide range of heats and permit the use of higher heats in both burners at the same time. Round burner for quick frying, making coffee, etc. Square burner has hinged removable aluminum griddle which can also be used as a frying pan on the round burner. Griddle reflects heat downward during broiling. Drawer-type broiler inserts four slices of bread in five minutes, broils 3 lb. steak in seven minutes. Has two-position broiler rack. Finished in white enamel with porcelain enamel top deck. Size: 22 1/2" x 15 1/2" x 7". Heater cord attached. 1650 Watts. For 105-120 volt AC operation.

D18593—List, \$19.95.
YOUR PRICE

\$12.96

Oven for Electric Rangette

Beautifully finished oven fits over square burner of Rangette. Has ample capacity. Equipped with aluminum roasting pan and two shelves. Has heat indicator in top. Insulated white body with bakelite handles and chrome door.

D18594—List, \$7.00.
YOUR PRICE

\$4.55



Everhot Electric Table Grill

HOTEL-QUALITY BROILING AND FRYING AT LOW COST . . .

An attractive versatile table grill that combines the principal features of the electric stove and electric broiler. Broils, Toasts, Stews or Fries quickly and efficiently. Easily changed for different cooking operations. A complete breakfast or supper can be prepared right at the table so that the hostess can be with her guests and at the same time prepare a tasty, appetizing meal. Quick-sear broiler seals flavor in. Holds a good sized steak or two halves of a spring chicken. Broiler rack is adjustable in height for either thick or thin steaks and chops. Toasts six slices of bread in five minutes from a cold start. Removable broiling pan can be used on top of grill for stewing and quick heating of soups, meats and left-overs. Thick aluminum combination top and griddle does better frying with less grease. Griddle has surplus grease collector and is removable for easy cleaning. Acts as heat reflector during broiling. Makes perfect pancakes, bacon and eggs, etc. Size of griddle, 12 1/2" x 12 1/2". Grill has beautiful chrome body with walnut handles and feet. Will not mar table top. Two heats obtained by plugging into different terminals. Hinged element has bakelite safety lifting handle. Complete with dark blue removable heater cord. 1500 Watts. For 105-120 volt AC operation.

D18595—List, \$9.95.
YOUR PRICE

\$6.47



MAKE EXTRA PROFITS ON THESE AUTOMOTIVE ITEMS EVERYONE NEEDS

DeLuxe Hot Water Heater

For All Cars



C18353—Single Blower Unit. As illustrated but without individual (rear) defroster blower fan. Has outlet on side for attaching windshield defroster unit. List, \$16.95. **\$8.15**

C18352 — With Dual Blower Unit. Separate fan drives warm air through the defroster outlets and also directs air to the driver's feet. Defroster attachments are not included. List Price, \$19.95. **\$9.52**

YOUR PRICE.....
Fits any make or model car or truck and floods warm air into all parts of the car. A powerful 6 volt silent running electric motor drives the fan, forcing air under high pressure through the 48 tube 3", 4 row tubular core heating unit. Motor has self-aligning, oil-less bearings. Illuminated glareless rheostat switch controls the speed of the motor to regulate the amount of heat. Entire heater is sturdily constructed and attractively designed. Finished in red-tinted brown crackle enamel. Two adjustable defrosters at front point the heat in any direction. Opening at lower front directs heat to floor. Supplied with all necessary fittings, hose and mounting hardware for quick installation.

Custom Defroster Attachment

We can supply a windshield defroster attachment for either of the above heaters to exactly fit the vents provided in most late model cars (1937, '38, '39 and '40) having entire installation concealed behind dash board. Older type cars not having vents use a universal model with rubber suction cups for exposed attachment to windshield.

C18366—Specify Car Make, Year and Model. **\$1.96**
YOUR PRICE, Each.....

Trail Blazer Musical Auto Horn

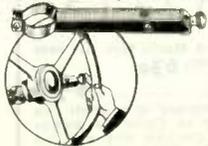


D18600—Complete with wiring, dual relay assembly, mounting bracket and steering column mounting control switch. For 6 volt DC use. List Price, \$10.95. **\$4.85**

YOUR PRICE.....
Compact, powerful electric twin horn that sounds one, two or three clear, commanding tones. Wired with built-in dual relay. Easily and quickly installed anywhere, and is particularly adapted to cars having limited underhood space. Control bar is easily clamped to the steering column so that horn button is accessible to driver. Can be installed for either right or left hand operation, on cars having shift lever on steering column, control bar can be put on the left. Control bar is finished in bronze metallic lacquer with attractive plastic finger-tip knob. Horn is finished in durable metalure lacquer. Grilles are rust-proof and plated. Size of horn, 7 1/2"x7 1/2"x11".

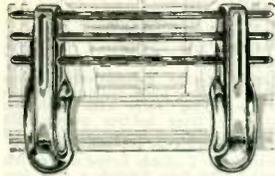
Trail Blazer Twin Blast Horn

D18601—Same as above but delivers a single, powerful but pleasing tone blast signal. Has single relay unit instead of dual-relay. Switch included. List Price, \$9.50. **\$3.87**



Bumper-Grille Guard

Sturdy Triple Channel Construction



D18602—List Price, \$4.25. **\$2.06**
YOUR PRICE, \$2.25
In Lots of 3 or More, Each...
Sturdily constructed and attractively finished in durable, long lasting chrome. Designed to give protection to radiator grille and to improve appearance of the car. Fits majority of cars having the conventional slightly curved type bumpers. Concealed welded "U" bolts. Adjustable width. Width of bars, 28". Overall height, 20". Easy to install.

Sta-Clear Window Films

Prevent Fogging and Frosting



D18603—List Price, \$1.00. **\$5.50**
YOUR PRICE.....
In 12 Lots or More, Each 49c

This perfectly transparent sheets that are applied directly to inside of automobile windshield, side and rear windows to prevent fogging and frosting caused by moisture condensation. Films guarantee safer driving and clear visibility in cold, snowy or rainy weather. Can be used in all seasons and all climates. Does not injure glass and can be easily removed with warm water. Practically invisible without any intervening indication. All necessary materials and equipment are included in the package. Each package contains two 8"x18" heavy films for windshield, two 7"x9" films for rear window, two 7"x9" amber films for rear window, can of special Adhesive, wiper blade, sponge and complete instruction sheet.

Sealed Beam Auxiliary Lights

Driving—Passing—Fog Lights

With Genuine Mazda Units

D18604—Driving Lamp. For use on right side of car directing light over entire roadway. Equipped with Mazda #4010 unit and switch.

D18605—Passing Lamp. For use on left side of car directing light to the right and over road shoulder. Equipped with Mazda #4011 unit and switch.

D18606—Fog Light, crystal lens. Equipped with Mazda #4012 unit and switch. List Price, \$5.00. **\$2.65**

YOUR PRICE, Either Type, Each Lamp.....

D18607—Fog Light, amber lens. Equipped with Mazda #4012A unit and switch. List Price, \$5.50. **\$2.91**

YOUR PRICE, Each Lamp.....

The single filament Mazda Sealed Beam units used in these lights are completely self-contained with lens, reflector and bulb built in a one piece hermetically sealed unit. Reflector never becomes tarnished or lens clouded. Gives over 50% more light than older styles and at the same time reduces glare almost entirely, relieving nerve and eye strain. 3 1/2" Diameter all-brass chrome plated shell. Malleable brackets with universal adjustment and theft-proof nuts. Lamps may be tilted in almost any position. Fits bumper brackets of any car. For 6 to 8 volt use.

8" Deluxe Sealed-Two-Beam Driving and Fog Light

D18608—Combination Two Beam Driving and Fog Light. Equipped with Mazda #4030 Sealed Beam two-flament lighting unit. Can be used as fog light because it throws light down under fog. 8" Diameter all-brass chrome plated decorated shell with adjustable bracket. Switch included. List Price, \$7.95. **\$4.20**

YOUR PRICE, Each Lamp.....

D18609—Supplied in pairs. List, \$15.00. **\$7.94**

Sealed Beam Headlight Converters

for Cars Prior to 1940—Mazda Units Included

Replace old-style dirt catching, tarnishable lights used on cars prior to the 1940 models, with these 50% more efficient Sealed Beam unit converters. Simple to install. No soldering necessary. Supplied in pairs complete with two Mazda Sealed Beam units.

Stock Num.	List Price	Your Price Per Pair
D18610	\$6.95	\$3.67
D18611	7.50	3.97
D18612	7.50	3.97
D18613	8.95	4.73
D18614	7.25	3.85



Make of Car	Year	Stock Numbers			
		1935	1936	1937	1938
Buick, Chevrolet		18610	18610	18613	18613
Cadillac, LaSalle, Oldsmobile		18610	18610	18613	18610
Chrysler, DeSoto, Dodge		18612	18611	18612	None
Ford		18614	18614	Write for Prices	None
Hudson, Terraplane, Studebaker		None	18611	18611	None
Lafayette, Nash		None	18611	18611	None
Packard 120-6, Pontiac		18610	18610	18610	18610
Packard 8		18610	18610	18610	18613
Plymouth		18612	18611	18611	None

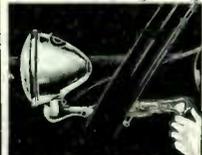
Special Parking Lights For Above



D18618—YOUR PRICE Per Pair.. \$3.00

To be used only when parking lights are a part of the headlamps. Easily attached to the Sealed Beam unit. Bulb included. List Price, \$1.00.

Unity Spotlights



For Safety In High Speed Night Driving

D18345—8" Model with 100.000 CP beam. List, \$12.50. **\$8.57**

YOUR PRICE.....

D18346—6 1/2" Model with 171,000 CP beam. List, \$15.00. **\$10.29**

YOUR PRICE.....
A quality automotive spotlight that provides a concentrated, non-glare, long distance light beam that will penetrate beyond the range of head lights. Fingertip pressure instantly directs this 1/4 mile beam in any direction. Beam is so powerful that it cuts through opposing glare to prevent blinding and shows up every road hazard. All parts are chrome finished. Furnished with bulb, wiring material and installation instructions. Specify car make, year and model when ordering.

Mazda Sealed Beam Units

Consists of filament, reflector and lens constructed in a permanent, hermetically sealed one-piece unit. Gives more light and always remains bright. Type #4030 (7" dia. 2 filament) used for replacement in new type automotive headlamps, others are 5 1/2" dia. with one filament and used in auxiliary lighting equipment. For 6 to 8 volt use. Crystal lens. *Has amber lens.

Stock Num.	Mazda Num.	Use	List Price	Price E.-Up
D14200	4030	Drive	\$1.10	76c
D14201	4030	Drive	1.10	76c
D14202	4011	Pass	1.10	76c
D14203	4012	Fog	1.10	76c
D14204	4012A	Fog*	1.35	93c

Red Seal Auto Fan

D18201—6" Volt DC Fan. **\$2.08**
YOUR PRICE \$2.08

3 for \$5.97
Powerful rubber-bladed fan for use in any automobile. Serves as air circulator on hot days and as windshield defroster in winter. Sturdy, quiet motor with walnut bakelite shell. Two speed switch. Adjustable bracket for mounting on steering column or header board. Complete with cord and connectors.



NOMA XMAS TREE LIGHTS

Noma DeLuxe Multiple Wired Sets For Indoor Use



The DeLuxe set for indoor decorating. Each lamp burns independently—no more hunting for burned out lamps. Has the patent BERRY BEADS that hold the lamp in any position. Furnished with washers to keep lamps tight in sockets and to prevent possible short circuits. ADD-ON extension connection for plugging in additional sets on same outlet.

No More Hunting Burned Out Bulbs 7 Light Set

D14604—Seven Light Multiple Wired Set complete with 7 Mazda type C 7½ lamps in assorted colors. List, \$1.20.

YOUR PRICE, Each, **82c**
In Lots of 12, Each, **78c**

15 Light Set

D14605—Fifteen Light Multiple Wired Set complete with 15 Mazda type C 7½ lamps in assorted colors. List, \$2.60.

YOUR PRICE, Each, **\$1.78** **\$1.69**
In Lots of 12, Each,

20 Light Set

D14606—Twenty Light Multiple Wired Set complete with 20 Mazda type C 7½ lamps in assorted colors. List, \$3.45.

YOUR PRICE, Each, **\$2.35** **\$2.24**
In Lots of 12, Each,

25 Light Set

D14607—Twenty-five Light Multiple Wired Set complete with 25 Mazda type C 7½ lamps in assorted colors. List, \$4.20.

YOUR PRICE, Each, **\$2.88** **\$2.74**
In Lots of 12, Each,

Genuine Mazda Christmas Tree Lights



Type C6
15 Volt—Miniature Base
The standard 15 volt lamp used universally on 8 light series type strings. Size 3/4" D.-2" H.

Stock Num.	Color	List Each	Your Price
C14613	Red	5c	10 for 36c
C14614	Blue	5c	
C14615	Green	5c	100 for 1,000
C14616	White	5c	
C14617	Orange	5c	3.43 for 31.55
C14618	Asstd.	5c	

Type C-7½

120 Volt—Candelabra Base
7 Watt
For use with multiple sets where each lamp burns independently. For indoor use only. Outside colored. Size 1" D.-2" H.



Stock Num.	Color	List Each	Your Price
C14619	Red	7½c	10 for 52c
C14620	Blue	7½c	
C14621	Green	7½c	25 for 100
C14622	White	7½c	
C14623	Orange	7½c	100 for \$1.28
C14624	Asstd.	7½c	

Type C-9½

120 Volt—Intermediate Base—10 Watt
For outdoor use. Colored on the inside of glass to prevent color from scratching or fading. Size 1½" D.-3¼" H.



Stock Num.	Color	List Each	Your Price
C14625	Red	10c	10 for 75c
C14626	Blue	10c	
C14627	Green	10c	25 for 100
C14628	White	10c	
C14629	Orange	10c	100 for \$1.86
C14630	Asstd.	10c	

8 Light Loop-Type Outfit



For Indoor Use

D14600—Complete with 8 Mazda type C-6 cone shaped lamps in assorted colors. List, 75c. YOUR PRICE, Each, **52c**. In Lots of 12, Each, **49c**

An excellent, popular priced, Noma loop-type, Christmas tree light set for general indoor use as display lighting or for Christmas tree decoration. This set has the patented, adjustable BERRY BEADS that permit easy attachment to any part of the tree. The plug furnished, permits additional sets to be plugged into the same outlet. Comes attractively packed in a colorful merchandising carton. These outfits are fully approved, by the Underwriters Laboratories, for complete safety.

8 Light Glolite Outfit

Series wired. Uses 15 volt Mazda type C6 lamps. Furnished with Add-On plug. Complete with lamps. D14601—List, 75c. YOUR PRICE, Each, **45c** **42c**
In Lots of 12, Each,

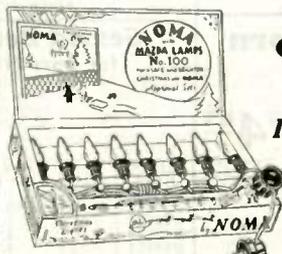
7 Lt. Red-Cap Multiple Wired Sets



For Outdoor Use

D14608—List, \$1.65. YOUR PRICE, Each, with 7 Mazda type D-9½ lamps in assorted colors, **\$1.13** **\$1.08**
Each
The ideal Noma outdoor set. Thoroughly weather-proofed. Ideal for all types of decorating where maximum brilliance is required. Spring base socket for positive connection. 1¾ feet of multiple wired cord. Has ADD-ON extension connection.

8 Light Festoon Type Outfit



For Indoor Use

D14602—List, 90c. YOUR PRICE, Each, with 8 Mazda type C-6 cone shaped lamps in assorted colors, **63c** **59c**
In Lots of 12, Each,

Noma festoon type outfit arranged in a single line allowing greatest flexibility in Christmas decoration. ADD-ON connection provided with each set permits the use of additional outfits or other illuminated decorations which can be plugged in on the same outlet. Has patented BERRY BEADS for convenient attachment to the Christmas tree branches. Each outfit comes packed in a colorful, convenient self-merchandising carton. Fully approved by the Underwriters Laboratories for complete safety in use.

DeLuxe Festoon Outfit

D14603—List, \$1.00. YOUR PRICE, Each, **70c** **66c**
In Lots of 12, Each,

Same as 8 Light Festoon Outfit above except ADD-ON extension connection at both ends to produce long continuous string of lights.

Noma Multiple Wired OUTDOOR Sets

Noma sets for use on larger trees or where more extensive lighting is required. Same features as Red-Cap multiple wired outfits to the left except larger in size. Uses Mazda 120 Volt C-9½ lamps.

Stock Num.	Num. of Lamps	List Each	YOUR PRICE Each	10 Lots, Each
C14609	15	\$3.40	\$2.33	\$2.22
C14610	20	4.80	3.16	3.01
C14611	25	5.50	3.77	3.60

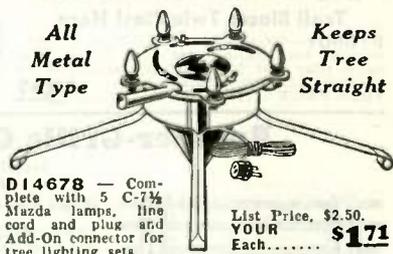
7 Light Outdoor Outfit

D14612—List, Each, \$1.65. YOUR PRICE, Each, **\$1.05** **97c**
In Lots of 12, Each,

"Glolite" set uses 7 MAZDA 120 volt type C-9½ lamps in assorted colors. Has the ADD-ON connection. Multiple wired and fully weatherproofed.

New Noma Tree Holder

All Metal Type Keeps Tree Straight



D14678—Complete with 5 C-7½ Mazda lamps, line cord and plug and Add-On connector for tree lighting sets. List Price, \$2.50. YOUR PRICE, Each, **\$1.71**

New self centering feature automatically makes tree stand straight. Simply place the trunk of the tree in the self centering water well, push the handle and watch the three holding prongs bite their way into the trunk which is now straight and securely held in place. Tighten the locking thumbnut and the job is done. 7 Mazda lamps of assorted colors in the tree-holder base furnish a real decorative touch. Attractively finished in red, green and silver.

Jolly-Lite Tree Base

With 8 Mazda Lamps



D14679—Complete with 8 Mazda Lamps in assorted colors, line cord and plug and Add-On connector for tree sets. List Price, \$3.50. YOUR PRICE, Each, **\$2.45**

A sturdy, attractive Noma tree base, illuminated with 8 colored Mazda lamps. Well holds 2 quarts of water, keeps tree fresh and fragrant. Pin in base keeps tree from shifting. Three screws keep tree firm and straight. Attractively decorated with red legs and ivory base with Xmas design.

Newest Christmas Decorations

Electric Wreaths Red Silk Chenille

D14632—10" Diameter.
List, Each, 50c.
YOUR PRICE, 32c 29c
In Lots of 12, Each,

Beautiful red silk chenille wreaths decorated with holly leaves and poinsettia flowers. Burns one 120 volt MAZDA type C-7 1/2 lamp, set in an Ivory candle. Furnished with ample cord and ADD-ON plug. Underwriters' Approved. Packed in individual carton.

D14633—Same as above except 12" in diameter. List Each, 60c.
YOUR PRICE, Each, 38c 35c
In Lots of 12, Each,

D14634—Same as above except 12" in diameter and furnished with two candles and lamps. List, Each, 80c.
YOUR PRICE, Each, 51c 47c
In Lots of 12, Each,

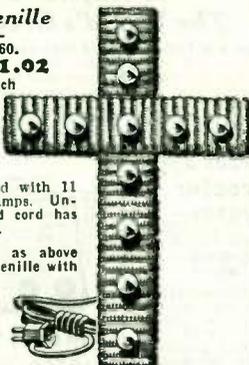
Electric Cross

Red Silk Chenille
D14635—
List Each, \$1.60.
YOUR PRICE, \$1.02
In 24 Lots, Each

94c

A red silk chenille electric cross, 11" high by 8" wide. Fitted with 11 MAZDA T-4 red lamps. Underwriters' approved cord has ADD-ON connector.

D14636—Same as above except white silk chenille with blue lamps.
YOUR PRICE, Each, \$1.02
In Lots of 24, ea., **94c**



Gloitte Xmas Trees

Colorful Lustrous Rayon
Packed One to a Carton



Gloitte Christmas trees in green or white lustrous rayon. One bulb "lights" 17 miniature lamps on the 12" size and 21 lamps on the 15" size. Individually packed.

Stock Num.	Size & Color	List Each	Your Price	12 Each
D14653	12" G.	\$1.50	\$0.96	\$0.88
D14654	12" W.	1.50	0.96	0.88
D14655	14" G.	2.00	1.27	1.17
D14656	14" W.	2.00	1.27	1.17

Holly Wreath

D14670—12" Dia. With single candle. Mazda lamp and cord. List, 95c
Your Price, Each, 65c 61c
In 12 Lots, Each



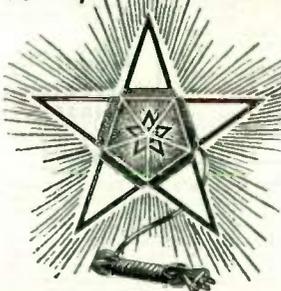
Noma Illuminated Holly Wreath of closely gathered, green holly leaves, with mistletoe berries interspersed for contrast. Very effective window, mirror and room decoration. Complete with Mazda C-7 1/2 120 V. AC-DC Lamp and cord with Add-On Connector.

D14671—15" Diameter with single candle. List, \$1.25.
YOUR PRICE, Each, 86c 81c
Each, In Lots of 12,

D14672—20" Diameter with 3 candles, and C-7 1/2 120 Volt AC-DC Mazda Lamps. Each lamp burns independently. List, \$2.50.

YOUR PRICE, Each, \$1.71 \$1.64
Each, In Lots of 12,

Neon Effect Star For Top of Tree



D14637—List, \$1.00.
YOUR PRICE, Each, 69c 66c
In Lots of 12, Each,

A 5 pointed star cleverly made of sheet metal with 5 glass tips, measuring 9" across. A beautiful decoration for the top of the Christmas tree or for hanging in the window or on the door. Fitted with one MAZDA 120 volt type C-7 1/2 lamp. When the star is illuminated, the light on the 5 glass tips produces a warm red glow giving the effect of neon lighting at all edges of the glass. Furnished complete with lamp, cord and plug, packed in individual cartons.

"Merry Xmas Star" For the Top of Tree



D14638—List, \$1.00.
YOUR PRICE, Each, 69c 66c
In Lots of 25, Each,

This beautiful 6 light, metal constructed, star of Bethlehem. Gracefully designed with 5 bakelite sockets and a special stem to facilitate its use as a top-of-the-tree decoration. Five MAZDA type C-6 15 Volt lamps illuminate the star tips. A concealed lamp illuminates the words "Merry Christmas" in the body of the star. Furnished with cord and miniature attachment plug for connecting to any 8 light, series wired, tree-lighting set. Come individually packed.

Noma Trees With Individual Branches and Lights

D14648—13" White Tree with 10 Blue Mazda Lamps.
YOUR PRICE, Each \$1.96

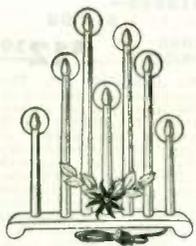


Just plug in. All the effectiveness of real trees but none of the inconvenience. Economical—Durably constructed—Will last for years. Comes complete with T-4 Mazda lamps, extension cord and add-on connector.

Stock Num.	Size & Color	List Lts.	List Price	Your Price
D14647	13" Green	10*	\$3.00	\$1.96
D14649	22" Green	20*	6.50	4.26
D14650	22" White	20*	6.50	4.26
D14651	31" Green	32*	12.00	7.84
D14652	31" White	32*	12.00	7.84

*Aust. Colors †All Blue

Illuminated Candeliers



D14673—New Noma Artistic Candeliers with 7 lighted tapered candles equipped with C-7 1/2 120 V. AC-DC Mazda Lamps and new device which produces a halo glow-effect. Sturdy base of new design. Silver holly spray across the candles. Can be used on windows, mantelpiece, buffet, over fireplace, on piano or radio, etc. Complete with cord and Add-On-Connector plug. List, \$3.50.
YOUR PRICE, Each, \$2.45 \$2.30
Each, In Lots of 6,

Illuminated Xmas Bells



Rich luminous effect of lights shining through a cluster of cellophane bells with cellophane bow and silver berries. Packed in individual display boxes. Complete with C-7 1/2 120 V. AC-DC Mazda bulbs and cord with Add-On-Connector plug.
D14674—12" Cluster of two 5" Bells. List, \$2.50.
YOUR PRICE, Each, \$1.28 \$1.23
Each, In Lots of 12,
D14675—14" Cluster of 5" Bells. List, \$4.00.
YOUR PRICE, Each, \$2.06 \$1.96
Each, In Lots of 6,
D14676—Large 4" Bell with red foil ribbon. List, \$1.33.
YOUR PRICE, Each, 69c 66c
Each, In Lots of 12,

Christmas Candle



New Noma 10" Illuminated antique ivory drip Christmas Candle, trimmed with Poinsettia and silver leaves with princess pine spray. Comes with Halo Glow Device and C-7 1/2 120 Volt AC-DC Mazda Lamp. Nickel silver finish base. A very effective decoration for use on windows, mantelpiece, buffet, over fireplace, on radio, etc.
D14677—10" Illuminated Christmas Candle complete with C 7 1/2 Mazda Lamp, cord and Add-On Connector plug. List, 92c.
YOUR PRICE, Each, 63c 60c
Each, In Lots of 24,

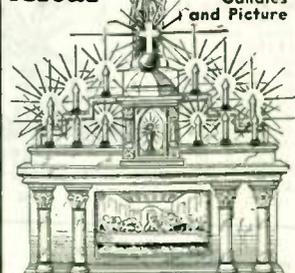
Kristel-Krome

Aluminum Foil Ornaments
Will Not Tarnish or Break



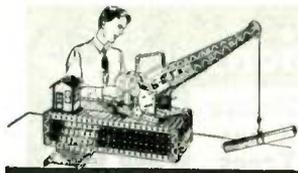
D14680—Assortment of 26 Gleaming Kristel-Krome ornaments—enough to decorate a whole tree. Stars, Cones, Balls and Bells are made of brilliantly shining aluminum foil in many colors. Unbreakable and tarnish-proof. Kristel-Krome ornaments may be kept and added to from year to year. Come packed in attractive display carton. List Price, \$1.00.
YOUR PRICE, \$0.58
Per Assortment of 26 Ornaments

Electric Altar



By means of Gloitte's patented construction, one bulb lights on the cross, 12 candles and the painting of the "Last Supper" on the face of the altar. A generous sized display 12" across, 5" deep and 15" high, this altar makes a wonderful decoration for the Christmas season. There are three statuary motifs available. *Mother of Grace, †Sacred Heart of Jesus and †Sacred Heart of Mary.

Stock Num.	Motif	List Price	Your Price	Lots of 6
D14663	*			
D14664	†	\$5.75	\$3.62	\$3.38
D14665	†		Each	Each



Built With No. 6 1/2 or Over

FAMOUS GILBERT ERECTOR

REG. U.S. PAT. OFF.

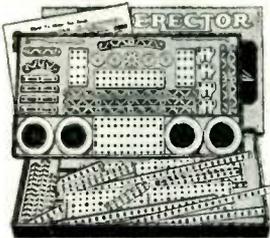
Re-designed—Modernized—Electrified

The World's Greatest Construction Toy

More new things to build than ever before. Erector sets are fast selling because they are the only construction sets that use the square girders that simulate real construction work. They are easy to assemble and any young boy can easily duplicate the many interesting items shown in the "How-to-Make-'Em Book" which is included with each set. These sets help make the boy constructive minded and help him to gain much valuable knowledge in engineering. Packed in attractively colored boxes which also serve as display cases.



Built With No. 7 1/2 or Over



Model 3 1/2 Erector

D18551—
List Price, \$3.50.
YOUR PRICE
\$2.29

The Intermediate Set. A very fine inexpensive set with a great variety of building possibilities. Will build derricks, walking beam engine, lift bridge, snow remover, trucks, wagons, etc. Includes many new big base plates, a number of various sized angle, curved and straight girders, 4 large and 4 small wheels, shafts and assembling hardware and tools. How-to-Make-'Em Book is also supplied which shows many interesting items that may be duplicated with this set. Packed in attractively colored box, size 18x10x1 1/4".

Model 6 1/2 Erector

D18553—
List Price, \$7.95.
YOUR PRICE
\$5.19

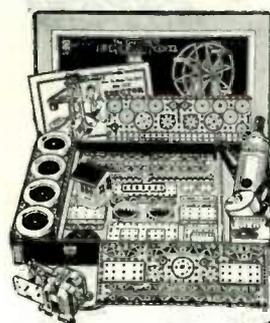
The First Set With Electric Motor that operates on 110 volts 60 cycle AC. Builds airplane ride, windmill pump, airplane hawser, pile driver, etc. Also includes a miniature tender's house, various sized curved, straight and angle girders, large and small base plates, 4 large and many small wheels, shafts, assembling tools, hardware and How-to-Make-'Em Book. Packed in metal cabinet, size 16 1/4 x 8 1/4 x 2 3/4".

Model 8 1/2 Erector With Whistle

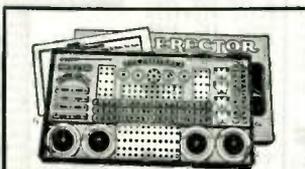
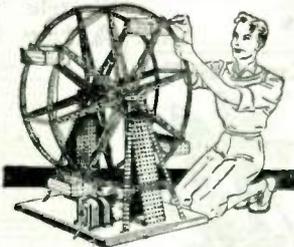
Builds Ferris Wheel
Magnetic Crane

D18555—List Price,
\$12.95.
YOUR PRICE.....**\$8.47**

Builds a great number of electrically operated devices which may easily be duplicated from the How-to-Make-'Em Book. This set features whistle, lights, 110 volt 60 cycle AC reversing electric engine and lifting magnet which is used for constructing magnetic cranes, derricks, etc.



Model 8 1/2 Also Includes an increased number of various sized, curved, straight and angle girders, base plates, end plates, shafts and 4 large truck wheels, many small wheels and gears, steam boiler, miniature tender's house, turret discs, assembling hardware, tools, etc. Packed in sturdy metal cabinet, size 20 1/4 x 12 1/4 x 2 3/4".



Model 2 1/2 Erector

D18550—List, \$2.50. **\$1.64**
YOUR PRICE.....

The Apprentice Set. Has many parts to build a number of things such as ferris wheel, draw bridge, elevator, cranes, etc. Includes 4 big red wheels, small wheels, shafts, curved and straight, long and short girders, base plates and many other small parts, assembling tools and hardware. How-to-Make-'Em Book shows many interesting items that may be easily duplicated with this set. Packed in attractive box, size 18x10 x 3/4".

Model 4 1/2 Erector

D18552—
List Price, \$5.00.
YOUR PRICE
\$3.26

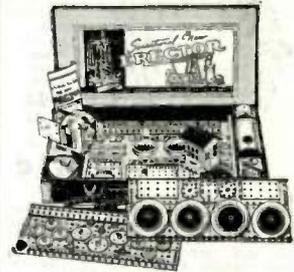
The Set with the Powerful Mechanical Motor. No wires, batteries or transformer are necessary. Builds windmill, bridges, trip hammer, trucks, and many other interesting things that may be easily duplicated from the How-to-Make-'Em Book. Contains various sized curved, straight and angle girders, 4 large and 4 small wheels, shafts, large and small base plates, turret discs, small house, assembling tools and hardware. Packed in hinge cover cardboard box, size 18x10x 2 3/4".



Model 7 1/2 Erector

D18554—
List Price, 10.00.
YOUR PRICE
\$6.54

The Engineer's Set. Builds the walking beam engine illustrated above and also trucks, derricks, etc. Includes electric 110 volt 60 cycle AC motor with gear shift. Operates two movements each of which can be independently started, stopped or reversed. Includes boiler and an increased number of other parts as supplied with No. 6 1/2 Erector. Packed in metal cabinet, size 18 1/2 x 10 1/2 x 2 3/4".



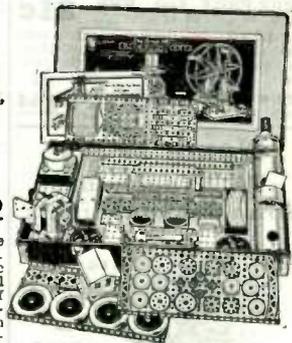
Model 9 1/2 Erector

With Whistle and
Parts to Build
Parachute Jump

Also Builds
Automobiles, Trucks,
Giant Power Plants,
Derricks, Etc.

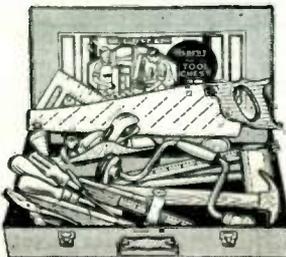
D18556—
List Price, \$18.95
YOUR
PRICE.....**\$12.39**

The Automotive Set. The greatest of all Erector sets. The most complete electric set on the market. Will build a great number of large motor operated devices such as mammoth walking beam engine, elevator, trucks, etc. Includes 110 volt, 60 cycle AC electric engine with reversible gears, electric lifting magnet, auto chassis parts, steam boiler, whistle, giant fly wheel, electric lights, miniature tender's house and a great number of various sized straight, curved, angle, channel and lattice girders, various sized base plates, end plates and shafts, 4 large truck wheels, many small wheels and gears, turret plates, and a large supply of assembling hardware with tools. How-to-Make-'Em Book offers many construction suggestions that are easily duplicated. Packed in colorful, sturdy metal cabinet with hinged cover, size 22 1/4 x 13 1/4 x 2 3/4".



Gilbert Carpenter Tool Chests

No. 5



All real, quality tools—practical for play or actual carpentry use about the home. Each kit contains all necessary tools to do a good job of carpentry. A sensible gift for the constructive minded lad. Packed in strong steel cabinets. Inexpensive and useful.

Model 5

D18557—List, \$5.00. **\$3.26**
YOUR PRICE.....

An inexpensive outfit containing 15 pieces of better grade tools for the young carpenter. Includes 16" crosscut saw, 7" die cast plane, brace with two jaw screw chuck and many other popular tools. Assembled in blue metal case with brass carrying handle. Size 18 x 10 1/2 x 3 1/4". Wt. 9 1/4 lbs.

Model 10

D18558—List, \$10.00. **\$6.54**
YOUR PRICE.....

The deluxe chest, containing 30 pieces. Includes 16" crosscut and rip saw, scroll saw, chisels, level, 8 1/4" plane, soldering iron, brace with wood augur bits, and many other popular tools. Packed in blue metal case with brass carrying handle and reinforced corners. Size 22 x 13 1/2 x 3". Wt. 19 lbs.

No. 10



GILBERT SCIENTIFIC TOYS

New Gilbert Chemistry Sets

Newly designed in Gilbert's chemical laboratory in collaboration with one of America's outstanding chemical research laboratories under the direction of Treat B. Johnson, Yale University, Ph. D., Ph. D., a recognized authority on chemistry. These sets are up-

to-date with new chemicals, equipment and apparatus. Experiments as never previously offered in toy sets can be performed. Packed in useful sturdy wood cabinet with hinged doors. Chemicals are conveniently located.



Above—No. 6 Senior Chemistry Laboratory

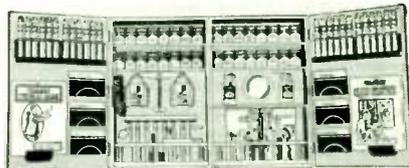
D18559—List Price, \$5.00. **\$3.26**
YOUR PRICE

Imagine making colored fire! Testing foods for their elements! Making sparklers, soda water, tanning leather!! More than 400 exciting chemical feats can be easily performed with this combination chemistry and glass blowing outfit. Contains 63 pieces of chemicals and apparatus including chemistry and glass blowing manual. Packed in two door blue finished wooden laboratory cabinet with five feet of metal shelf room and test tube racks. Size 26 1/2x14x2 1/4".

Below—No. 15 Master Scientists Chemistry Laboratory

D18560—List Price, \$15.00. **\$9.80**
YOUR PRICE

This unrivaled Chemistry Laboratory is the finest set for the student or young scientists. Performs over 800 experiments. Many of these experiments were never before offered in experimental chemistry and include dry-ice experiments, artificial refrigeration, ethyl gas, lacquers, paints, testing of foods, electro-chemistry, electro plating, electrolyzing, etching, electrolysis, etc. Includes new chemicals, apparatus and equipment with four big manuals giving experiments in chemistry, glass blowing, mineralogy and chemical magic. Also includes scales, beaker, flask, alcohol lamp, gas generator, thermometer. Packed in blue finished wooden laboratory cabinet with over nine feet of shelf space and test tube racks. Size 51 1/2x14 1/2x2 1/4" overall.



Above—No. 10 Inventor's Chemistry Laboratory

D18561—List Price, \$10.00. **\$6.54**
YOUR PRICE

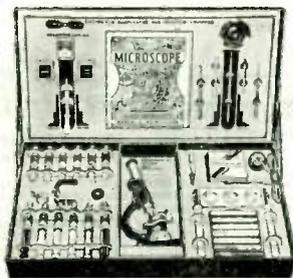
Contains rows and rows of chemicals. With this laboratory outfit you can delve into the wizardry of chemical magic and perform many astonishing experiments. Contains 100 pieces of chemicals and apparatus, including scales and three big books describing over 600 experiments in chemistry, glass blowing and chemical magic. Packed in large blue finished wooden laboratory cabinet with double hinged doors and 7 1/2 feet of shelf space and test tube racks. Articles are conveniently located so that they can be kept in neat order at all times. Size 30x14 1/2x2 1/4" overall.

Gilbert Polarizing Microscopes

Open the Door to a New Wonderland of Nature's Hidden Colors

The invisible becomes visible! Startling colors, otherwise invisible, blaze forth under polarized light in gorgeous effects. Stems of plants, fish scales, crystals, wing cases of beetles, sections of minerals, human hair, natural fibers—all are found to have beautiful natural colors. The colors have always been there, but ordinary microscopes do not reveal them—only through a Polarizing Microscope can they be seen. The intermingled play of vivid colors and delicate tints—the rich color patterns produced in plant stems—

are beyond description. They must be seen to be appreciated. The polarizing microscope is one of the most fascinating of optical instruments. It does all that an ordinary microscope does and in addition makes possible the detection of properties and characteristics that could not be done otherwise. Gilbert polarizing microscopes are equipped with a polarizer which fits underneath the stage and an analyzer that is placed over the eyepiece, when these two items are removed it becomes an ordinary microscope.



No. 5 Microscope Set

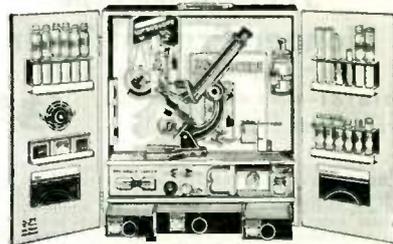
D18562—List Price, \$5.00. **\$3.26**
YOUR PRICE

Contains 38 pieces of apparatus, chemicals, and equipment including microscope, 110 volt sub-stage light, slides, specimens, stains, dissecting kit, large dissecting piece with magnifying lens and an illustrated manual showing how to do 213 experiments. Microscope has high magnifying power of 50, 90 and 210 diameters with rack and pinion focusing. Housed in colorful cardboard box, size 18x10x2 1/4".

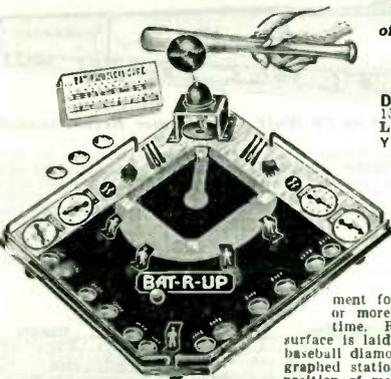
No. 10 Microscope Set

D18563—List, \$10.00. **\$6.54**
YOUR PRICE

A deluxe outfit in wooden cabinet that is really adaptable for advanced work. Contains a professional type microscope equipped with three different objective lenses mounted in turret giving from 95 to 400 power magnification. Microscope has rack and pinion focusing and is equipped with a polarizing device and sub-stage light. Also includes an unusually complete illustrated manual of things to do, 4 piece magnifying unit, dissecting needles, 9 vials of chemicals and stains, prepared slide and extra glass slides, bench micrometer, alcohol lamp, adequate supply of specimens, labels, and cover glasses. Cabinet size 14 1/2x26x3 3/4".



Bat-R-Up Baseball Game



With All the Thrills of a Big League Game
Real Bat and Ball
Action—Skill
Excitement

D18564—No. 100. Size 15x15" with 12" bat. List, \$1.00. **69¢**
YOUR PRICE

D18565—No. 200. Size 18x18" with 15" bat. List, \$2.00. **\$1.39**
YOUR PRICE

A strikingly colored and realistically designed baseball game which will provide many hours of exciting entertainment for the entire family. Two or more persons can play at one time. Radically new, the playing surface is laid out just like a regulation baseball diamond with attractively lithographed stationary metal players taking position of men on the field and formed to catch balls hit directly at them for

No Dials to Spin

put-outs and double plays. Provides all the thrilling plays of a regular baseball game. No dials to spin to get base hits, double plays or putouts. The player uses a real wooden bat to strike a rubber ball mounted on a pivoting device which in turn drives a small rubber ball out into the playing field. A revolving ball carrier enables the player to place the ball in such position so as to skillfully direct his hit between the players and into the holes drilled along the outer edge to indicate various hits and strikes. 3 Metal discs are supplied to serve as diamond. Dials are for score keeping of runs, balls, strikes and outs. The diamond is made of an attractively colored 3 plywood panel with guard rail to prevent the ball from leaving it and getting lost. Complete with playing instructions and score card pad for keeping track of runs and innings. Four rubber feet on board prevent marring table surface.

Carron Electric Toy Phonograph

With Acoustic Pickup and Electric Motor

An electric motor phonograph that plays up to 12" records. Just the thing for the children's room or small apartments. Completely self-contained. Has a constant speed, noiseless synchronous motor for 110 volt, 60 cycle AC operation, eliminating the tedious "winding-up". The acoustical pickup reproduces with good tone and volume. Attractive walnut veneer cabinet with contrasting trim. Size 12 1/2x9 1/4". Ship. wt. 5 1/4 lbs.

D15355—Model 504T. List Price, \$6.95. **\$4.38**
YOUR PRICE



Telephone Set

C9963—Set of Two Phones and 70 ft. Single Conductor Wire for covering a distance up to 35 ft. Less batteries. **\$2.65**
YOUR PRICE

Realistic, cradle type metal telephone set, ideal for all inter-communication purposes. Suitable for useful applications as well as for entertainment use. Has clear natural tone. Requires two 1 1/2 volt dry cells at each phone to cover distance up to 750 ft. 4 Dry cells at each phone for distances up to 3000 ft. Only two wires required between phones. Has push button with buzzer at each phone for signaling persons to answer phone.



GILBERT AMERICAN FLYER "O" GAUGE TRAINS

The World's Most Complete Line of Scale Model Trains and Equipment

NEW 3/16" SCALE FOR "O" GAUGE TRACK

American Flyer 1/16" Scale Model Trains combine the size advantages of smaller track gauge trains with the mechanical advantages of "O" gauge train sets. Correctly proportioned and constructed for true railroad realism. Permit extensive track layouts in small space.

Automatic remote control allows operation of locomotive in either direction. Momentary interruption of current throws a relay which reverses direction of train.



Every AMERICAN FLYER TRAIN has 140" of Running Track or more

Automatic Car Couplers. All American Flyer Trains are equipped with modernized automatic couplers. Cars are brought closer together and coupling or uncoupling is simple and positive in action.

Remote and Manual Control Car Uncoupling. Uncoupling mechanism is built into track section. Uncouples cars as fast as they pass by. Operates only with the new style automatic car couplers, with which all American Flyer Trains are now equipped.



The Following Trains are "O" Gauge With Remote Control, Automatic Coupling and Lever Operated Uncoupling.

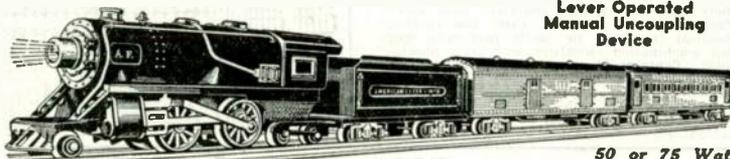


Lever Operated Manual Uncoupling Device

2 Car—Steam Type Pioneer Passenger Train

38" Long—19 Pcs.—140" Track

D18150—Model 4001. Supplied less transformer. List Price, \$5.50. **\$3.59**
YOUR PRICE.....



50 or 75 Watt Transformer Recommended

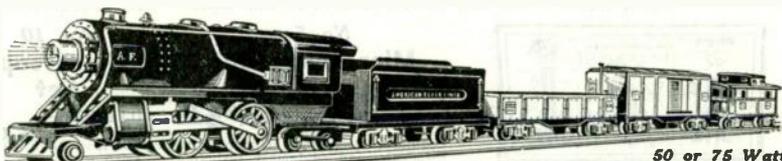
A realistic passenger train that incorporates many of the features which were formerly included only on much higher priced systems. Consists of: LOCOMOTIVE and TENDER—15 1/2" long overall, pressed steel with nickel appointments. Locomotive—10 wheel remote control, 2-4-4 type with spur gear drive, electric headlight, four drive wheels, eccentric arm double action piston rods, two wheel pony and four wheel booster trucks. Tender—Bunker type with imitation coal and 8 wheels on double trucks. 2 CARS—Pressed steel, each 10 1/2" long having 8 wheels on double trucks with nickel journal boxes. Includes Baggage car with

sliding doors and one Coach. COUPLING—Automatic on every car and rear of tender, couples anywhere and brings cars closer together. Uncouples by lever operated manual control. FINISH—Locomotive and tender in realistic locomotive black with nickel trim. Cars are bright red enamel with silver and nickel trim. TRACK—3 rail "O" Gauge type; includes 12-10" curve sections, 1 straight track section, 1 straight track with built-in lever uncoupling device and 1 track connection terminal. Forms an oval with 140" track length.

3 Car—Steam Type Pioneer Freight Train

39" Long—20 Pcs.—140" Track

D18151—Model 4002. Supplied less transformer. List Price, \$5.95. **\$3.89**
YOUR PRICE.....



50 or 75 Watt Transformer Recommended

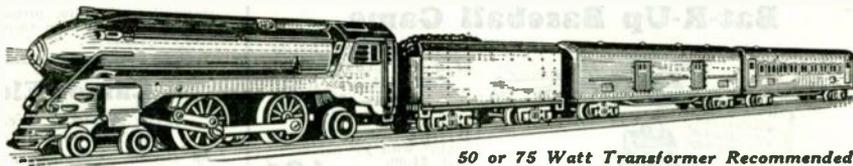
A companion unit to the above passenger train, this freight outfit consists of: LOCOMOTIVE and TENDER—15 1/2" long overall, pressed steel with nickel appointments. Locomotive—10 wheel remote control, 2-4-4 type with spur gear drive, electric headlight and four drive wheels with eccentric arm double action piston rods, two wheel pony and four wheel booster trucks. Tender—Bunker type with imitation coal and 8 wheels on double trucks. 3 CARS—Includes 7 1/2" Gondola with brake wheel, 7 1/2" Box Car with sliding doors, brake wheel and ladders, 6 1/2" Caboose with cupola, end rails and ladders. Cars have 8 wheels on double

trucks with nickel journal boxes. COUPLING—Automatic on every car and rear of tender, couples anywhere and brings cars closer together. Uncouples by lever operated manual control. FINISH—Locomotive and tender in realistic locomotive black with nickel trim. Cars are vividly colored in enamel with nickel trim. TRACK—3 rail "O" Gauge type includes 12-10" curve sections, 1 straight track section, 1 straight track with built-in lever uncoupling device and 1 track connection terminal. Forms an oval with 140" track length.

2 Car—Worm Drive 20th Century Streamline Passenger

39 1/2" Long—19 Pcs.—140" Track

D18152—Model 4003. Supplied less transformer. List Price, \$7.50. **\$4.90**
YOUR PRICE.....



50 or 75 Watt Transformer Recommended

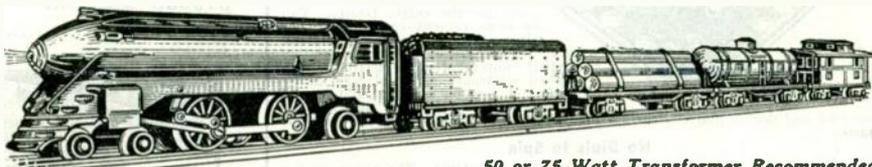
A replica of the famous record breaking New York to Chicago train. Set consists of: LOCOMOTIVE and TENDER—17" long overall. Locomotive—die cast, 10 wheel, remote control, 4-4-2 type with worm drive for more power and quieter operation, four drive wheels with eccentric arm double action piston rods and four wheel pony and two wheel booster trucks. Tender—Pressed steel having 8 wheels on double trucks with nickel journal boxes. 2 CARS—Each 10 1/2" long having 8 wheels on double trucks with nickel journal boxes. Includes Baggage car with sliding doors, and one Coach. COUPLING—Automatic on every car and rear of

tender, couples anywhere and brings cars closer together. Uncouples by lever operated manual control. FINISH—Locomotive and tender, gun metal-essent electrically baked. Cars are in electrically baked green enamel with silver and nickel trim. TRACK—3 rail "O" Gauge type. Includes 12-10" curved track sections, 1 straight track section, 1 straight track with built-in lever operated car uncoupling device and one electric track connection terminal. Forms an oval with 140" track length.

3 Car—Worm Drive 20th Century Streamliner Freight

40 1/2" Long—20 Pcs.—140" Track

D18126 — Model 4004. Supplied less transformer. List Price, \$7.95. **\$5.19**
YOUR PRICE.....



50 or 75 Watt Transformer Recommended

A matching companion to above train set. Set consists of: LOCOMOTIVE and TENDER—17" long overall. Locomotive—die cast, 10 wheels, remote control, 4-4-2 type with worm drive for more power and quieter operation and four drive wheels with eccentric arm double action piston rods, four wheel pony and two wheel booster trucks. Tender—Pressed steel having 8 wheels on double trucks with nickel journal boxes. 3 CARS—Include 7 1/2" Log Car with six realistic logs and brake wheel, 7 1/2" Tank Car with ladders, hand rails and brake wheel and 6 1/2" Caboose with cupola, end rails and ladders. Cars have 8 wheels on double trucks

with nickel journal boxes. COUPLING—Automatic on every car and rear of tender, couples anywhere and brings cars closer together. Uncouples by manual control. FINISH—Locomotive and tender in gun metal-essent. Cars are vividly colored in baked on enamel with nickel trim. TRACK—3 rail "O" Gauge type. Includes 12-10" curve track sections, 1 straight track section and 1 straight track with built-in lever operated uncoupling device and one electric track connection terminal. Forms an oval with 140" track length.

GILBERT AMERICAN FLYER TRAINS

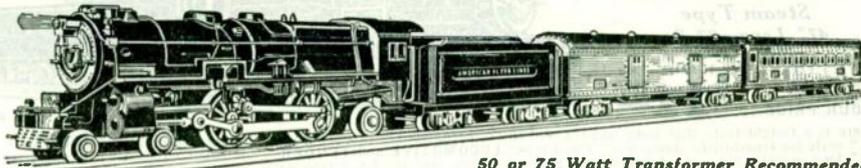
NEW WORM DRIVE LOCOMOTIVES—the first time such an exclusive feature has been incorporated in a low price train
NEW 3/16" SCALE FOR "O" GAUGE TRACK

The Following Trains Operate in Either Forward or Reverse Direction by Remote Control and Have Automatically Coupling Cars with Electrically Operated Remote Control Car Uncoupling Device Built-into Track Section.



2 Car—Worm Drive Pathfinder Passenger Train

Steam Type
 38 1/2" Long—19 Pc.—140" Track
 D18106—Model 4005. Supplied less transformer.
 List Price, \$9.50.
YOUR PRICE..... \$6.21



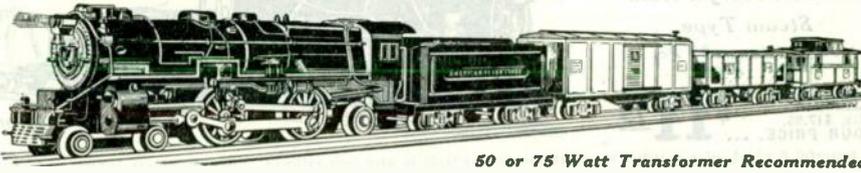
50 or 75 Watt Transformer Recommended

Features automatic electric uncoupling as well as automatic coupling. Special section of track has a built-in trip that disengages car couplers when trip is raised. Trip is electrically remote controlled. Complete train set consists of: LOCOMOTIVE and TENDER—16" long overall. Locomotive—die cast, 10 wheel, remote control, 4-4-2 type with worm drive for greater power and quieter operation. Also features lucite electric headlight, four drive wheels with eccentric arm double action piston rods, four wheel pony and two wheel booster trucks. Tender—pressed steel, bunker type with imitation coal, hand rails and 8 wheels on double trucks with nickel journal boxes. 2 CARS—Each 10 1/2" long, have 8 wheels on

double trucks with nickel journal boxes, including one Baggage car with sliding doors and one Coach. COUPLING—Automatic on every car and rear of tender. Couples anywhere. Cars closer together. FINISH—Locomotive and tender in locomotive black with nickel trim. Cars finished in bright red enamel with silver and nickel trim. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 1 straight track section, 1 straight track section with built-in remote electrically controlled uncoupling device and 1 track connection terminal. Forms an oval with 140" track length.

3 Car—Worm Drive Pathfinder Freight Train

Steam Type
 39 1/2" Long—20 Pc.—140" Track
 D18107—Model 4006. Supplied less transformer.
 List Price, \$9.95.
YOUR PRICE..... \$6.51



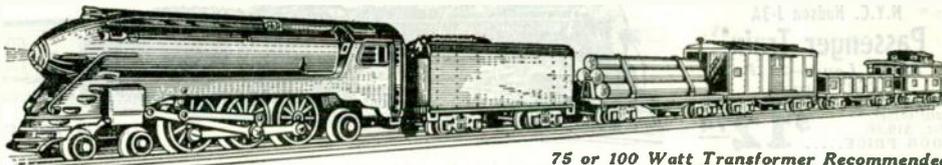
50 or 75 Watt Transformer Recommended

A matching companion to above passenger train. Special section of track has a built-in trip that disengages car couplers by electric remote control. Complete train set consists of: LOCOMOTIVE and TENDER—16" long overall. Locomotive—die cast, 10 wheel, remote control, 4-4-2 type with worm drive for greater power and quieter operation. Also features lucite electric headlight, four drive wheels, eccentric arm double action piston rods, four wheel pony and two wheel booster trucks. Tender—pressed steel, bunker type with imitation coal, hand rails and 8 wheels on double trucks with nickel journal boxes. 3 CARS—Includes 7 1/2" Box Car with sliding doors, ladders and brake wheel, 6 1/2" Coal Hopper Car with

ladders, brake wheel and manual control lever for dumping, 6 1/2" Caboose with cupola, end rails and ladders. Cars have 8 wheels on double trucks with nickel journal boxes. COUPLING—Automatic on every car and rear of tender. Couples anywhere. FINISH—Locomotive and tender in locomotive black with nickel trim. Cars are vividly colored in baked enamel. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 1 straight track section, 1 straight track section with built-in remote controlled uncoupling device and 1 track terminal. Forms an oval with 140" track length.

4 Car—Worm Drive Royal Blue Freight

48" Long—21 Pc.—140" Track
 D18108—Model 4008. Less transformer.
 List Price, \$12.95.
YOUR PRICE..... \$8.47



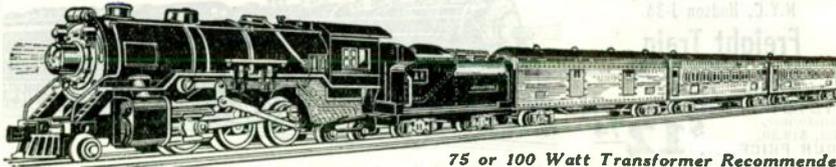
75 or 100 Watt Transformer Recommended

Modern streamlined Royal Blue Freight train. Set consists of: LOCOMOTIVE and TENDER—17" long overall. Locomotive—die cast, 12 wheels, remote control, 6-2 type with worm drive for power and quiet operation. Also features lucite electric headlight, six drive wheels, eccentric arm triple action piston rods, four wheel pony and two wheel booster trucks. Tender—pressed steel streamline type having 8 wheels on double trucks with nickel journal boxes. 4 CARS—having 8 wheels on double trucks with nickel journal boxes. Includes 7 1/2" Log Car, 7 1/2" Box Car with sliding doors, 7 1/2" Gondola and 8 1/2" Caboose with cupola. COUPLING—Automatic on every car and rear of tender. Couples anywhere. Cars closer together. Electrical uncoupling. FINISH—Locomotive, tender and cars finished in royal blue electrically baked enamel with silver and nickel trim. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 1 straight track section, 1 straight track section with built-in remote electrically controlled uncoupling device, and 1 track connection terminal. Forms an oval with 140" track length.

Includes 1 Baggage car with sliding doors and 2 Coaches. COUPLING—Automatic on every car and rear of tender. Couples anywhere. Cars closer together. Electrical uncoupling. FINISH—Locomotive and tender in realistic locomotive black. Cars in electrically baked green enamel with silver and nickel trim. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 1 straight track section, 1 straight track section with built-in remote electrically controlled uncoupling device and track terminal. Forms an oval with 140" running track length.

3 Car—Spur Gear Drive Northern Pacific Passenger

Steam Type
 50 1/2" Long—20 Pc.—140" Track
 D18158—Model 4009. Supplied less transformer.
 List Price, \$14.95.
YOUR PRICE..... \$9.77



75 or 100 Watt Transformer Recommended

A powerful 6 wheel drive locomotive heads this 3 car train which couples, uncouples, and reverses all by electric remote control. Complete train consists of: LOCOMOTIVE and TENDER—16 1/2" long overall, die cast. Locomotive—12 wheel remote control, 2-6-4 type with spur gear drive. Features electric headlight, six drive wheels, eccentric arm double action piston rods with cross head and valve stem, two wheel pony and four wheel booster trucks. Tender—Vanderbilt type having hand rails and 8 wheels on double trucks with nickel journal boxes. 3 CARS—Each 10 1/2" long have 8 wheels on double trucks with nickel journal boxes.

Includes 1 Baggage car with sliding doors and 2 Coaches. COUPLING—Automatic on every car and rear of tender. Couples anywhere. Cars closer together. Electrical uncoupling. FINISH—Locomotive and tender in realistic locomotive black. Cars in electrically baked green enamel with silver and nickel trim. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 1 straight track section, 1 straight track section with built-in remote electrically controlled uncoupling device and track terminal. Forms an oval with 140" running track length.

4 Car—Spur Gear Drive Northern Pacific Freight

Steam Type
 47 1/2" Long—21 Pc.—140" Track
 D18109—Model 4010. Supplied less transformer.
 List price, \$14.95.
YOUR PRICE..... \$9.77



75 or 100 Watt Transformer Recommended

A matching companion to above passenger train. Complete train consists of: LOCOMOTIVE and TENDER—16 1/2" long overall, die cast. Locomotive—12 wheel remote control, 2-6-4 type with spur gear drive. Features electric headlight, six drive wheels, eccentric arm double action piston rods with cross head and valve stem, two wheel pony and four wheel booster trucks. Tender—Vanderbilt type having hand rails and 8 wheels on double trucks with nickel journal boxes. 4 CARS—Includes 7 1/2" Box Car with sliding doors, ladders and brake wheel, 7 1/2" Gondola with brake wheel, 7 1/2" Oil Tank Car with ladders, hand rails and brake

wheel and 6 1/2" Caboose with cupola, end rails and ladders. Cars have 8 wheels on double trucks with nickel journal boxes. COUPLING—Automatic on every car and rear of tender. Couples anywhere. FINISH—Locomotive and tender, realistic locomotive black. Cars are vividly colored in baked enamel. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 1 straight track section, 1 straight track section with built-in remote electrically controlled uncoupling device and track terminal. Forms an oval with 140" running track length.

GILBERT AMERICAN FLYER "O" GAUGE TRAINS

3/16" SCALE MODEL DESIGN

The Following Trains Have Forward and Reverse Remote Control, Automatic Car Coupling and Electrical Uncoupling

4 Car—Worm Drive

Pennsylvania Freight

Steam Type

47" Long—23 Pc.
160" Track

D18110 — Model 4012. Less transformer. List. \$16.95.
YOUR PRICE... \$11.07

Here is a freight train that looks like the real thing, being closely proportioned to scale for true-to-life appearance. Consists of: LOCOMOTIVE and TENDER—17" long overall, die cast. Locomotive—12 wheel remote control, 4-6-2 type with worm drive for power and quiet operation. Features lucite headlight, jeweled markers, six drive wheels, eccentric arm triple action piston rods, side rods and connecting rods, four wheel pony and two wheel booster trucks. Tender—Bunker type with imitation coal and having 8 wheels on double trucks with nickel journal boxes. 4 CARS—Includes 6 1/2" Coal Hopper Car with ladders, brake wheel and manual control lever for dumping, 7 1/2" Box Car with sliding doors, ladders and



below—WORM DRIVE

75 or 100 Watt Transformer Recommended

brake wheel, 7 1/2" Log Car with six realistic logs and brake wheel and 6 1/2" Illuminated Caboose with cupola, end rails and ladders. COUPLING—Automatic on every car and rear of tender. FINISH—Automatic on every car and rear of tender. Locomotive and tender in realistic locomotive black. Cars are vividly colored in electrically baked enamel. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote controlled uncoupling device, and 1 track connection terminal. Forms an oval with 160" track length.

3 1/2" Scale Model 4 Car

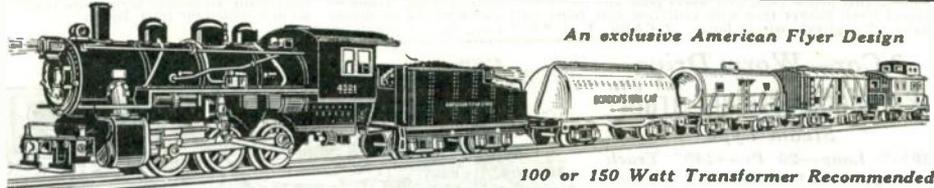
Switcher Freight Train

Steam Type

56 1/2" Long—23 Pc.
160" Track

D18122 — Model 4014. Less transformer. List. \$17.95.
YOUR PRICE... \$11.73

A powerful 6 wheel drive switcher locomotive heads this train to give your railroad yard a realistic scene. This train is somewhat larger than the other "O" gauge sets, being scaled to 3/4" to the foot. Consists of: LOCOMOTIVE and TENDER—15 1/2" long overall, die cast. Locomotive—8 wheels 0-6-0 type with spur gear drive. Features many regulation appointments such as beaming electric headlight, six drive wheels with realistic eccentric side rods, piston rods and link. Has imitation steam and sand domes and whistle. Tender has regulation slope back trucks with brass journal boxes. 4 CARS—Each 9 1/4" long with 8 wheels on double trucks with brass journal boxes. Includes Milk car, Oil car with imitation



An exclusive American Flyer Design

100 or 150 Watt Transformer Recommended

filler cap, brass ladders and rails. Box car with sliding doors, brass ladders and brake wheel, and illuminated caboose with cupola, brass hand rails, end rails and ladders. COUPLING—Automatic on every car and rear of tender. FINISH—Automatic on every car and rear of tender. Locomotive and tender in realistic locomotive black. Cars are vividly colored in electrically baked enamel with brass trim. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote controlled uncoupling device and 1 track connection terminal. Forms an oval with 160" track length.

3-Car—Steam Type

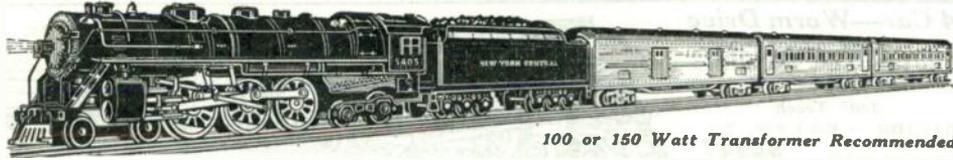
N.Y.C. Hudson J-3A

Passenger Train

52 1/2" Long—22 Pc.
160" Track

D18123 — Model 4015. Less transformer. List. \$19.50.
YOUR PRICE... \$12.74

The famous New York Central Passenger Train constructed to Tru-Model A" scale. Embodies many realistic features. Consists of: LOCOMOTIVE and TENDER—18 1/2" long overall, die cast. Locomotive—14 wheel remote control, 4-6-4 type with spur gear drive. Features many regulation appointments such as lucite electric headlight, six drive wheels, eccentric arm triple action piston rods, connecting rods, four wheel pony and four wheel booster trucks. Tender—Bunker type with imitation coal and has 12 wheels on double die cast trucks. 3 CARS—Each 10 1/2" long having 8 wheels on double trucks with nickel journal



100 or 150 Watt Transformer Recommended

boxes. Includes 1 Illuminated Baggage Car with sliding doors and 2 Illuminated Coaches. COUPLING—Automatic on every car and rear of tender. FINISH—Automatic on every car and rear of tender. Locomotive and tender in realistic locomotive black. Cars, electrically baked green enamel with silver and nickel trim. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote electrically controlled uncoupling device and 1 track connection terminal. Forms an oval with 160" track length.

4-Car—Steam Type

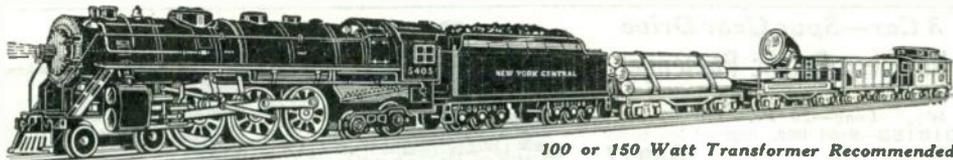
N.Y.C. Hudson J-3A

Freight Train

48 1/2" Long—23 Pc.
160" Track

D18161 — Model 4016. Less transformer. List. \$19.50.
YOUR PRICE... \$12.74

Most accurately detailed freight train, in matching design, to above passenger train. Consists of: LOCOMOTIVE and TENDER—18 1/2" long overall, die cast. Locomotive—14 wheel remote control, 4-6-4 type with spur gear drive. Features many regulation appointments such as lucite electric headlight, six drive wheels, eccentric arm triple action piston rods, side rods, connecting rods, four wheel pony and four wheel booster trucks. Tender—Bunker type with imitation coal and has 12 wheels on double die cast trucks. COUPLING—Automatic on every car and rear of tender. Couples anywhere. Cars closer together. Electric uncoupling, 4 CARS—Include 7 1/2" Log Car with six realistic logs and brake wheel, 7 1/2"



100 or 150 Watt Transformer Recommended

Floodlight Car, light turns on swivel base and tilts to any angle. 6 1/2" Coal Hopper Car has ladders, brake wheel and manual control lever for dumping. 6 1/2" Illuminated Caboose with cupola, end rails and ladders. FINISH—Automatic on every car and rear of tender. Locomotive and tender in realistic locomotive black. Cars are vividly colored in electrically baked enamel. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote electrically controlled uncoupling device and 1 track connection terminal. Forms an oval with 160" track length.

4-Car—Steam Type

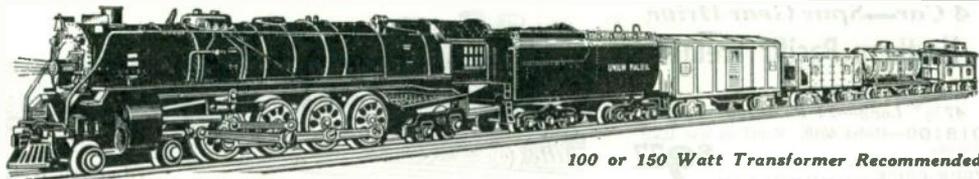
Union Pacific

Freight Train

51 1/2" Long—23 Pc.
160" Track

D18124—Model 4018. Less transformer. List. \$24.50.
YOUR PRICE... \$16.01

The largest most realistic small train made. Accurate 3/4" scale model design. Includes many realistic appointments. Consists of: LOCOMOTIVE and TENDER—21 1/2" long overall, die cast. Locomotive—16 wheel remote control, 4-8-4 type with spur gear drive. Features lucite electric headlight, 8 drive wheels, realistic eccentric arm triple action piston rods, side rods, and connecting rods, four wheel pony and four wheel booster trucks. Tender—Union Pacific type with 12 wheels on double die cast trucks. 4 CARS—have 8 wheels on double trucks with nickel journal boxes. Includes 7 1/2" Box car with sliding doors, brake wheel and ladders. 6 1/2" Coal Hopper car with ladders, brake wheel and manual control lever for



100 or 150 Watt Transformer Recommended

dumping. 7 1/2" Oil Tank Car with ladders, hand rails and brake wheel. 6 1/2" Illuminated Caboose with cupola, end rails and ladders. COUPLING—Automatic on every car and rear of tender. FINISH—Automatic on every car and rear of tender. Locomotive and tender in realistic locomotive black. Cars are vividly colored in electrically baked enamel. TRACK—3 rail "O" gauge type. Includes 12-10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote electrically controlled uncoupling device and 1 track connection terminal. Forms an oval with 160" track length.

GILBERT AMERICAN FLYER "O" GAUGE TRAINS

With ELECTRIC REMOTE DIRECTIONAL CONTROL



The American Flyer has the only remote control system that after a stop instantly starts a train forward without backing up. Directional operation of train is not affected by auto-

matic stopping devices or short circuits. Train always starts forward, reversing of direction is accomplished by independent control included with the following trains.

3/16" Scale Design with Automatic Coupling and Electrical Uncoupling.

3 Car—Worm Drive
Pennsylvania K5
Passenger Train



100 or 150 Watt Transformer Recommended

54 1/2" Long—160" Track
D18125—Model 4020. Less transformer.
List. \$27.00. **\$17.64**
YOUR PRICE....

A popular passenger train constructed to Tru-Model A scale and incorporating remote directional control feature that always starts the train in forward motion except when reverse button is depressed. Separate reverse remote control box included. Consists of: **LOCOMOTIVE** and **TENDER**—17" long overall, die cast. Locomotive—12 wheel remote directional control, 4-6-2 type with worm drive for power and quiet operation. Features many regulation appointments such as lucite electric headlight with jewel markers, six drive wheels with realistic eccentric arm triple action piston rods, side rods, connecting rods; four wheel pony and two wheel booster trucks. **Tender**—Bunker type with imitation coal. Has 8 wheels on double

trucks. **3 CARS**—Die cast with 12 wheels on double trucks. Includes 1—12" illuminated Baggage and Mail car and 2—12" illuminated Pullman coaches. **COUPLING**—Automatic on every car and rear of tender. Couples anywhere. Cars closer together. **FINISH**—Locomotive and tender in realistic locomotive black. Cars, electrically baked enamel. **TRACK**—3 rail "O" gauge type. Includes 12—10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote controlled uncoupling device and 1 track connection terminal. Forms an oval with 160" track length.

4 Car—Worm Drive
N.Y.C. Hudson J-3A
Freight Train



100 or 150 Watt Transformer Recommended

49" Long—160" Track
D18164—Model 4021. Less transformer.
List. \$27.50. **\$17.98**
YOUR PRICE..

An accurately detailed freight train. Embodies many features to create true railroad realism. Designed and manufactured with utmost precision. Complete freight train consists of: **LOCOMOTIVE** and **TENDER**—19 1/2" long overall, die cast. Locomotive, 14 wheel remote directional control, 4-6-4 type with worm drive for more power and quieter operation. Features lucite electric headlight with jewel markers, six large drive wheels with realistic eccentric arm triple action piston rods, side rods and connecting rods; four wheel pony and four wheel booster trucks. **Tender**—bunker type with imitation coal. Has 12 wheels on double die cast trucks. **CONTROL BOX**—provides instant remote directional

control of train operation. **4 CARS**—Die cast type having 8 wheels on double trucks with nickel journal boxes. Includes 7 1/2" Box Car, 7 1/2" Gondola, 7 1/2" Wrecker Car, and 6" Illuminated Caboose. **COUPLING**—Automatic on every car and rear of tender. Couples anywhere. **FINISH**—Locomotive and tender in realistic locomotive black. Cars are vividly colored in electrically baked enamel. **TRACK**—3 rail "O" gauge type. Includes 12—10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote controlled uncoupling device and 1 track connection terminal. Forms an oval with 160" track length.

4 Car—Worm Drive
Union Pacific
Freight Train



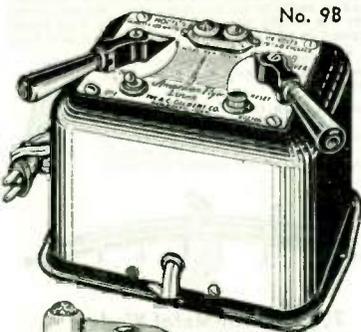
100 or 150 Watt Transformer Recommended

31" Long—160" Track
D18162—Model 4023. Less transformer.
List. \$32.50. **\$21.24**
YOUR PRICE..

Undoubtedly one of the finest miniature model railroads. The largest, most realistic small train made. An outfit at which every model enthusiast and hobbyist will marvel. Constructed to tru model B scale design. Complete train consists of: **LOCOMOTIVE** and **TENDER**—21 1/2" long overall, die cast. Locomotive—16 wheel, remote directional control, 4-8-4 type with worm drive for more power and quieter operation. Features lucite electric headlight with jewel markers, 8 drive wheels with realistic eccentric arm triple action piston rods, side rods and connecting rods; four wheel pony and four wheel booster trucks. **Tender**—with 12 wheels on double die cast trucks. **CONTROL BOX**—provides instant remote di-

rectional control of train operation. **4 CARS**—Die cast type having 8 wheels on double trucks with nickel journal boxes. Includes 7 1/2" Cattle Car, 6 1/2" Coal Hopper Car, 7 1/2" Oil Tank Car and 6" Illuminated Caboose. **COUPLING**—Automatic on every car and rear of tender. **FINISH**—Locomotive and tender in realistic locomotive black. Cars are vividly colored in baked enamel. **TRACK**—3 rail "O" gauge type. Includes 12—10" curve track sections, 3 straight track sections, 1 straight track section with built-in remote controlled uncoupling device and 1 track connection terminal. Forms an oval with 160" track length.

NEW "SAFETY-FIRST" TRANSFORMERS



No. 9B

15 Volt Maximum Output Guards Against Burning Out Operating Equipment

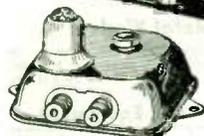
Provides proper voltage for operating electric trains and other electrical toys. Instrument panel shows "Miles Per Hour." Control handle is replica of control used on regular trains. All models except 5 and 6 have built-in circuit breaker with resetting switch which protects the transformer from burning out. Red jewel light indicates when there is a short circuit. Green jewel pilot light indicates when transformer is in proper operation. All models for 105-120 volt, 50-60 cycle AC operation. Underwriter's approved. See train pages for the transformers recommended for the various trains.

No. 9B Twin transformer makes possible operation of trains on separate track layouts at two different rates of speed.

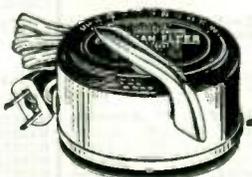
Stock Num.	Part Num.	Watts	Pilot Lgt.	Short Indicator	Circuit Breaker	List Price	Your Price
D18117	5	50	No	No	No	\$2.50	\$1.64
D18118	6	75	No	No	No	3.50	2.29
D18119	7B	75	No	Yes	Yes	5.00	3.27
D18120	8B	100	Yes	Yes	Yes	6.50	4.26
D18121	9B	150	Yes	Yes	Yes	10.00	6.54

No. 5 and 6

No. 8B (7B Similar)



No. 11 Transformer Cutout



No. 11 Transformer Cut-Out
D18078—Pt. No. 11. Protects transformer when short circuits occur. Has built-in circuit breaker and red jewel light to indicate when there is a short circuit. Recommended for No. 5 and 6 transformers.
List Price, \$1.50.
YOUR PRICE..... 98¢



Station Figure Set

D18097—Pt. 578. Assortment of six hand painted railroad workers with platform trunk, 2 milk cans and one barrel. Adds realism to station scenes. List Price, \$2.00. **\$1.31**
YOUR PRICE, Per Set.....

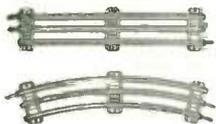
Genuine Mazda REPLACEMENT BULBS

For Trains and Equipment

Replacement bulbs for all types of electric train systems. Screw base, round clear bulb. .25 Ampere type.

Stock Number	Mazda Number	Volts	Your Price Each	10 for
D10528	1452	8	11¢	66¢
D10529	1433	12	10¢	60¢
D10530	1454	14	11¢	66¢
D10531	1455	18	11¢	66¢

GILBERT-AMERICAN FLYER "O" GAUGE EQUIPMENT



TRACK SECTIONS

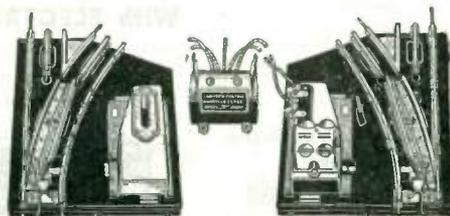
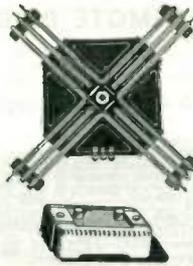
D18131—Pt. 680. 10" Curve Track
 D18132—Pt. 681. 10" Straight Track
 D18133—Pt. 621. 5" Straight Track
 D18134—Pt. 622. 5" Curve Track
 D18080—Pt. 450. Track Terminal
 List Price, 20c.
YOUR PRICE, Each..... 14c

CROSS OVERS →

D18135—Pt. 602. 90°. List, \$1.25.
YOUR PRICE... 82c

With Electric Remote Control

D18081—Pt. 604. 90° Electric Remote Control Crossover. Permits two train operation on single track layout. Idles one train at crossover while other passes. Includes double button control box. List \$3.00.
YOUR PRICE... \$196



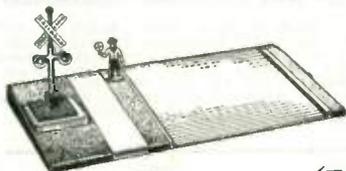
Manual Control

Remote Control

TRACK SWITCHES

D18136—Pt. 665. Manual Control Switch. Lever operated. List Price, \$3.00.
YOUR PRICE, Per Pair..... \$196

D18137—Pt. 688. Electric Remote Control Switch with two switch control box and signal lights. Permits operation of one train while other is kept standing on siding. List Price, \$7.95.
YOUR PRICE, Per Pair..... \$520



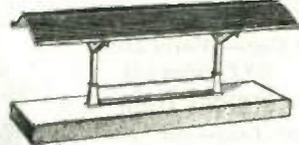
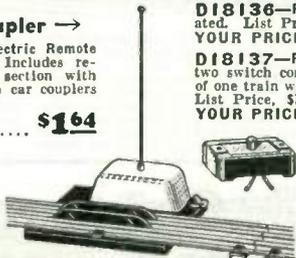
Automatic Uncoupler →

D18096—Pt. 675. Electric Remote Control Car Uncoupler. Includes remote control and track section with built-in trip to disengage car couplers as fast as cars pass. List Price, \$2.50.
YOUR PRICE..... \$164

← STREET CROSSINGS

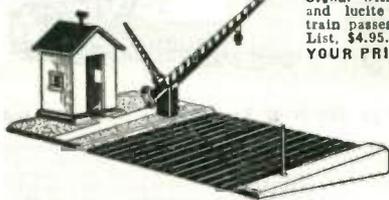
D18186—Pt. 584. Bell Danger Signal with watchman. Bell rings and lucite signal light blinks as train passes. Size 10x5 1/4". List, \$4.95.
YOUR PRICE, Each..... \$323

D18142—Pt. 591. Crossing Gate with watchman's shack. Die cast. Gate raises and lowers and red light shines automatically as train passes. Size 10x5 1/4". List Price, \$3.95.
YOUR PRICE, Each..... \$259



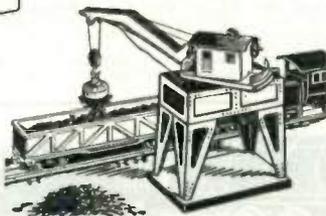
WAYSIDE STATION ↑

D18187—Pt. 586. Has double seating bench, long roof and two lights. Track terminal included. Size 12x3 1/2". List Price, \$2.00.
YOUR PRICE..... \$131



ELECTROMOTIVE CRANE →

D18146 — Pt. 583. Automatic Electric Crane. A marvelous device for handling freight. Includes electro magnet for loading steel. Hoist swings it over car and unloads all by electric remote control. Cab and boom turn on swivel. Boom raises and lowers by hand wheel. Size 4x6x11". List, \$6.95.
YOUR PRICE..... \$455



← SIGNAL TOWER

D18147—Pt. 593. Two Story Tower. With stairs, lights and windows. Track terminal included. Size 5 1/2 x 7 1/4". List Price, \$2.95.
YOUR PRICE..... \$193



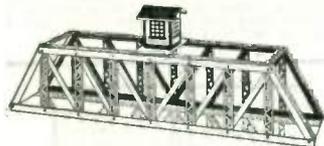
← Girder Bridge

D18148 — Pt. 581. Sturdily designed to scale. Black finish. Size 10x 4 1/2 x 1 1/4". List, \$2.00.
YOUR PRICE... \$131



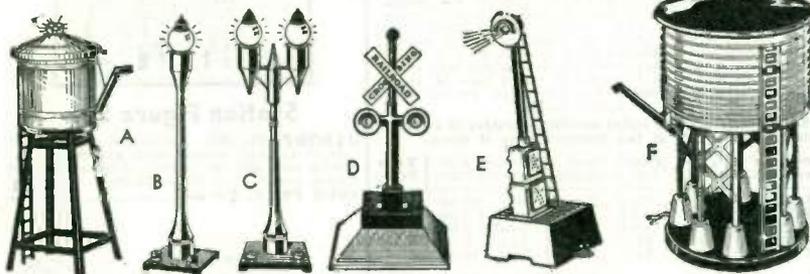
TUNNELS ↑

Realistically colored tunnel in two sizes.
 D18098—Pt. 247. 11" Long. List, \$1.00.
YOUR PRICE... 66c
 D18099 — Pt. 248. 14" Long. List, \$2.00.
YOUR PRICE... \$131



← Trestle Bridge

D18091 — Pt. 2. With illuminated tender's house. Track terminal included. Size 25 1/2 x 8 1/2". List, \$2.50.
YOUR PRICE.... \$164



SIGNAL, LIGHTS and TOWERS

D18188 — A. 9 1/2" Water Tank. Pt. 215. Sturdy structural base with ladder. Adjustable water spout. With aviation light on top. Track terminal included.

D18189 — B. 6 1/2" Street Light. Pt. 579. With frosted light. Track terminal included. List Price, \$1.25.
YOUR PRICE, Each... 82c

D18190 — C — 6 1/2" Double Street Light. Pt. 580. With 2 frosted lights. Track terminal included. List Price, \$1.95.
YOUR PRICE..... \$127

D18191 — D — 4 1/2" Automatic Blinker Signal. Pt. 582. Lucite signals blink as train passes. Track trip included. List Price, \$2.95.
YOUR PRICE..... \$193

D18192 — E — 5 1/2" Automatic Block Signal. Pt. 587. Permits one train to follow another without colliding. Holds up second train until first has cleared. Light flashes red and green.

D18193 — F — 11" Automatic Water Tank. Pt. 596. Remote control raises and lowers spout. Light on top. List, \$3.95. Spout. List Price, \$2.95.
YOUR PRICE, Each... \$259



Improved "O" Gauge Design

Improved flexible track for use with other "O" gauge rigid track equipment and trains. Provides many interesting track layouts, with quick removals and alterations. Can be curved in any direction and stays put in place. Consists of multiple track segments mounted on realistic natural wood ties. Strong enough to carry the weight of a 200 lb. man. 10 Foot length is supplied in two pieces, one 4 ft., other 6 feet long.

Track Terminal provides electrical pick-up from rails for operating other track equipment.

Reversible Switch for either left or right turns. Fits "O" gauge track equipment. Automatically sets itself, permitting trains to run in either direction without wrecks. Has lever for manual operation.



7 1/2 Foot All-Metal Viaduct

Streamline design with track underpass. Comes in seven easily and quickly assembled sections. For use with 10 ft. section of Flex-i-Track. Track is not included.

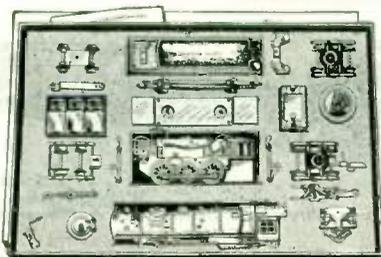
Prices on Flex-i-Track Equipment		PRICE, EACH		
Stock Num.	Item	List Price	Single Lots	3 Lots or More
D18070	6 Ft. Flex-i-Track	\$2.25	\$1.47	\$1.32
D18071	10 Ft. Flex-i-Track	3.50	2.28	2.06
D18072	Track Terminal	.25	.17	.15
D18073	Reversible Switch	2.09	1.30	1.18
D18074	Viaduct—Less track	3.50	2.28	2.06

GILBERT AMERICAN FLYER "O" GAUGE EQUIPMENT

3/16" Scale Die Cast Tru-Model Train and Car Kits

American Flyer Train and Car kits are extremely easy to assemble. All machining, drilling and tapping has been done—no soldering is required. They can quickly be put together with ordinary household

tools. The more difficult parts are supplied assembled. Each kit is complete with all parts, instructions, correct colored paints, brush and proper decalcomanias.

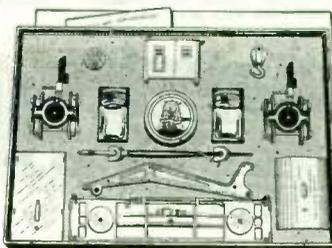


LOCOMOTIVE and TENDER KITS

For a more complete description see complete train outfits listed on the preceding page.

D18165—Model K531. Contains all parts and equipment for building famous 14 wheel 4-6-4 type N.Y.C. Hudson locomotive and 12 wheel tender. Armature, field, gears and drive wheels assembled to engine frame. Remote directional control unit included. New type positive action coupler on tender. List Price, \$15.00. **YOUR PRICE..... \$980**

D18166—Model 534. Contains all parts and equipment as above for building a 16 wheel 4-8-4 type Union Pacific Locomotive and 12 wheel tender. List Price, \$20.00. **YOUR PRICE..... \$1307**



Wrecker Car in Kit



Wrecker Car Assembled

INDIVIDUAL DIE CAST TRU-MODEL "O" GAUGE CAR KITS

Stock Number	Part Number	Description	List Price	Your Price
D18167	K506	7 1/4" Box Car Kit	\$2.50	\$1.64
D18170	K508	6 1/2" Hopper Car Kit	2.50	
D18171	K510	7 1/4" Cattle Car Kit	2.50	\$1.96
D18168	K512	7 1/4" Tank Car Kit	2.50	
D18172	K514	7 1/4" Wrecker Car Kit	3.00	\$1.96
D18169	K516	6 1/2" Caboose Kit	3.00	

American-Flyer Tru-Model a-Koostikins PASSENGER AND FREIGHT STATION



D18141—Pt. 597. Combination station with sound effects. Equipped with an automatic electric audio announcer that produces true-to-life sound effects of hissing steam, chug of pistons, train announcing and other sounds. Also automatically stops and starts the trains. Electrically lighted. List Price, \$9.95. **YOUR PRICE..... \$651**

D18149—Pt. 589. Combination Station only with light. Does not include sound effects and train control device. List Price, \$3.95. **YOUR PRICE..... \$259**



TOOL SHED
D18145—Pt. 595. Realistic tool shed. Equipped with audio announcer producing true-to-life sound effects of real railroading as above and automatically starts and stops trains. Particularly designed to be used with stations not having sound effects. List, \$6.95. **YOUR PRICE..... \$455**



WHISTLING BILLBOARD
D18079—Pt. 577—Whistle housed in illuminated billboard. Can be operated at same time as block signal system or automatically thru track trip at any predetermined point and by remote control at any location or time. Size 4 7/8" x 4". List Price, \$2.50. **YOUR PRICE..... \$164**

WHISTLING EXPRESS
D18130—Pt. 490. Whistle housed in 3/8" scale model pressed steel express car. Permits whistling direct from train. Operates any time, any place by remote control. Blows all code signals. Not for use with trains having separate reversing control. List Price, \$4.95. **YOUR PRICE..... \$323**

3/16" Scale Tru-Model Cars

For "O" Gauge Track
Pressed Steel Construction
With Automatic Couplers

Completely assembled and finished. Correctly designed and proportioned for Tru-Model railroad realism. Can be used with any of the "O" gauge train sets (except Switcher Freight Train) listed on the preceding pages. Cars are vividly colored in electrically baked-on enamel. All cars have 3 wheels with nickel journal boxes on double trucks. Automatic couplers couple cars close together on either straight or curve track. Equipped with all necessary hand rails, ladders and brake wheels.

D18180—Pt. 478. 7 1/4" Box Car with sliding doors.

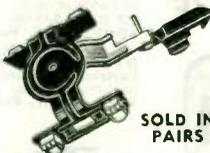
D18181—Pt. 486. 6 1/2" Hopper Car with manual control lever operated dumping doors.

D18182—Pt. 480. 7 1/4" Oil Tank Car.

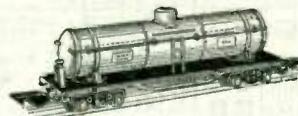
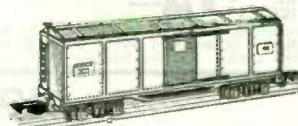
D18183—Pt. 482. 7 1/4" Log Car with six realistic lgs. List Price, \$2.00. **YOUR PRICE, Each... \$131**

FLOODLIGHT CAR

D18184—Pt. 488. 7 1/4" Long. Light turns on swivel base and tilts to any angle. Same as scale Tru-Model design with automatic couplers as above cars. List Price, \$3.00. **YOUR PRICE..... \$196**



D18082—Pt. 676. For use with "O" gauge track equipment. Converts cars with old style couplers to new, positive action type. Coupler is assembled to truck housing. Wheels and axles are not included. Old wheels and axles easily spring into truck housing. Sold in pairs only. List Price, 75c. **YOUR PRICE, Per Pair \$49c**



AUTOMATIC ARMY CAR
D18185—Pt. 472. Automatic Unloading Flat Car with Armored Army Truck. Platform on car swivels and shoots armored army truck down incline by electric push-button remote control. Incorporates same features, design and finish as above cars. List Price, \$3.95. **YOUR PRICE..... \$259**

Gilbert-American Flyer Ho Tru-Model Miniature Trains

Many Outstanding features to bring complete TRU-MODEL Realism to Miniature Railroading

Realism is the keynote of these spectacular miniature trains. Built to miniature scale from railroad blueprints—they are real trains in every detail of actual railroad construction. Smaller size permits elaborate track layouts in small space. Die cast locomotive, tender and cars equipped with bakelite wheels and automatic couplers. Realistic HO gauge 2 rail track with solid drawn rails

mounted on roadbed base. Remote Directional Control instantly starts train in forward or reverse direction; separate control box is used for reverse operation. Motor has 20 to 1 gear reduction for greater pulling power. Brass wheels on tender trucks act as current collectors eliminating center rail.

3 Car-HO Gauge N.Y.C. Hudson Freight Train

Steam Type
31" Long—100" Track
D18100—Model
HO-103. Less trans-
former. 50 or 75 Watt
transformer recommended.
List, \$19.95.

YOUR PRICE... **\$13.03**



3.5 mm. Scale
With Electrical Remote
Directional Control and Automatic Coupler

3 Car-HO Gauge N.Y.C. Hudson Passenger Train

Steam Type
42" Long—100" Track
D18173—Model
HO-104. Less trans-
former. 50 or 75 Watt
transformer recommended.
List, \$22.95.

YOUR PRICE... **\$14.99**



3.5 mm. Scale
With Electrical Remote
Directional Control and Automatic Coupling

A realistic miniature train incorporating features mentioned above. Consists of: LOCOMOTIVE and TENDER—14" long overall, die cast. Locomotive—14 wheel, 4-6-4 type with lucite headlight and realistic eccentric arm triple action piston rods, side rods and connecting rods. Tender—bunker type with imitation coal and 12 wheels on double trucks. 3 CARS—die cast with 8 wheels on double trucks. Includes 5 1/2" Lehigh New England Gondola, 5 1/2" Merchants Dispatch and 4 1/2"

Caboose. COUPLING—automatic on every car. FINISH—locomotive and tender in realistic locomotive black. Cars are colored in baked enamel. TRACK—2 rail HO Gauge. Includes 12—7 1/2" curved track sections forming a circle with 100" track length. Track connection terminal included. CONTROL BOX provides instant directional control of train operation.

green baked-on enamel. Also includes 12—7 1/2" curved track sections, track terminal and remote directional control box as above.

HO TRU-MODEL TRAIN AND CAR KITS

American Flyer kits are extremely easy to assemble. All matching, drilling and tapping has been done—no soldering is required. They can be put together

with ordinary household tools. Each kit is complete with all parts, instructions, correct colored paints, brush and proper decalcomanias.

4 CAR FREIGHT TRAIN KIT

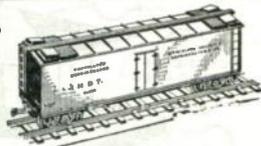
D18111—Model HO-110K. Complete kit to build a N.Y.C. die cast freight train as described in above complete train set except includes 4 cars: Gondola, Refrigerator, Oil Tank Car and Caboose. Armature field, gears and drive wheels are assembled to engine frame. Less transformer and track sections.

3 CAR PASS. TRAIN KIT

D18174—Model HO-111K. Complete kit to build a 3 car N.Y.C. die-cast passenger train as described in above complete train outfit. Less transformer and track sections.
List Price, \$14.95.
YOUR PRICE, Either Model, Each..... **\$9.77**

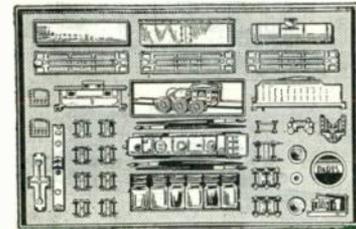
HO CAR KITS

Easy to Assemble

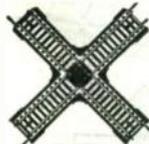


Cars are of die-cast construction exactly similar to those supplied with complete train kits. All necessary parts and paints are supplied.

Stock Number	Part Number.	Description	Your Price
D18103	HO-116K	Sinclair Oil Car	\$9.98
D18104	HO-118K	Gondola—Penn.	.98
D18175	HO-119K	Flat Car	.98
D18165	HO-120K	Caboose	.98
D18176	HO-121K	Baggage & Mail	1.47
D18177	HO-122K	Coach	1.47
D18101	HO-112K	NYO Loco. & Tender	6.54



HO TRACK EQUIPMENT AND ACCESSORIES



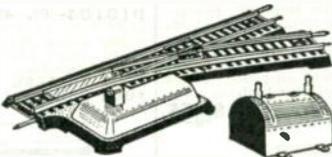
CROSSOVER

D18114—Pt. HO-262 Track Crossover at 98° angle. Realistic roadbed base. Size: 10x10". List, \$2.00.
YOUR PRICE... **\$1.31**



TRACK SECTIONS

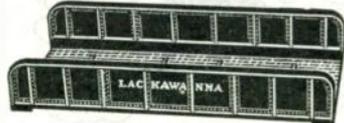
Solid drawn rails mounted on realistic roadbed base.
D18112—HO-261—8" Straight
D18113—HO-260—8" Curved
D18127—HO-263—4" Straight
D18128—HO-264—4" Curved
List, 40c.
YOUR PRICE, Each... **27c**



TRACK SWITCHES

Permits building of many interesting track layouts. Sold only in pairs.
D18116—Pt. HO-268. Electrically remote controlled switches with signal lights to show direction of rails. Control box included.
List Price, \$10.00.
YOUR PRICE, Per Pair..... **\$6.54**

D18115—Pt. HO-265. Manually Operated Switches controlled by hand lever.
List Price, \$5.00.
YOUR PRICE, Per Pair..... **\$3.27**

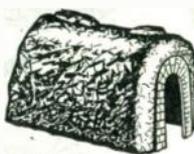


BRIDGE

D18179—Pt. HO-254. Modern girder type Bridge. Authentically designed and built to correct scale dimensions. Finished in red.
List Price, \$1.50.
YOUR PRICE..... **98c**

TUNNEL

D18178—Pt. HO-12. Realistic colored tunnel. Constructed in correct HO Tru-Model proportions. 8" long.
List, \$1.00.
YOUR PRICE..... **65c**



BLOCK SIGNAL

D18077—Pt. HO-252. Block Signal mounted on rugged base. Permits one train to follow another on a single track without danger of collision. Equipped with ladder. Lights show Red and Green. Electrically operated.
List Price, \$3.95.
YOUR PRICE..... **\$2.59**



SIGNAL TOWER

D18076—Pt. HO-256. Signal Tower with stairs. Top floor has electric light. Brilliantly colored. Die cast.
List Price, \$2.95.
YOUR PRICE... **\$1.93**



PASSENGER AND FREIGHT STATION

D18075—Pt. HO-258. Combination Station. Freight section has raised platform and sliding door. Regulation bay window ticket office. Station mounted on raised platform and illuminated with on light. List Price, \$2.95.
YOUR PRICE..... **\$1.93**

Popular Amateur Equipment

Premax VR136 Vertical Antenna

For 20 Meters

Easily erected on any flat surface. Requires no guide wires for support. Six telescopic sections adjustable from 7 to 34 ft. Locking clamps provide positive contact between all sections. Made of high tensile copper-nickel-steel tubing, heavily cadmium plated for high RF conductivity and weather resistance. Bottom tube is 1 1/2" dia., top 1/2" dia. Heavy duty lapp insulator with mounting bracket.

D1695B—Vertical Antenna. Includes 136M mast and 1F-44 insulator as illustrated. Ship. wt., 29 lbs. **YOUR PRICE.....\$17.64**

For 10 Meters

C1695B—Model 318M. Consists of 3 section telescopic mast adjustable from 8 to 17 ft. Construction and finish similar to above. Bottom section is 1/2" dia., top 1/4". No insulator supplied. **YOUR PRICE.....\$4.41**

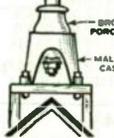
Porcelain Insulators with Mounting Bracket for 318M Mast

D16960—Model 2P-24. For mounting on horizontal surfaces. **YOUR PRICE.....\$2.94**

D16961—Model 2-WP. Wall mount. For mounting on vertical surfaces. Ship. wt., 5 lbs. **YOUR PRICE.....\$4.41**

D16962—Model 318DP. For wall mounting, a center fed vertical. Requires two 318M masts. Ship. wt., 14 lbs. **YOUR PRICE.....\$6.61**

Premax Rotomount



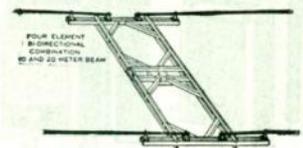
D16963 Your Price **\$14.70**



A rope pulley operated turntable which will support the largest rotary beam antennas. Revolves 1 1/2 revolutions in either direction. Heavy gauge black enameled steel construction. Equipped with stranded copper cable leads from pulley but no rope. Platform size, 9x12".

Premax Rotary Beam Antenna Elements

The Premax Rotary Beam Elements listed below are adaptable to almost any of the beam antenna developments that have or will appear in the leading handbooks and periodicals. Made of special cadmium plated steel, reinforced by corrugations for stiffness and light weight. The 2, 3 and 4 section type are telescopic, adjustable to any length down to approximately 5 feet. Sold only in pairs. "Hairpin" tuning bar for determining proper length is included.



Stock Num.	Mfg. Code	Num. Sec.	Length Extended	Base O.D.	Price per Pr.
D15896	104M	1	4'-0"	3/8"	\$1.47
D15897	108M	2	8'-2"	5/8"	3.23
D15898	113M	3	12'-4 1/2"	5/8"	5.29
D15899	618M	4	17'-0"	1"	7.35

Coto Pee-Wee Coils

For power inputs up to 100 watts. Wound on skeleton form of low loss slotted Steatite. Length 2 1/4". Dia. 1 3/4". Link types are not variable. Steatite base fits standard 5 prong socket. Capacity required varies from 30 mfd. on 10 meters to 140 mfd. on 160. 140 mfd. Variable condenser will tune all coils.



Meter Band	With No. C. T.	With Cent. Link C. T.	With End Link No. C. T.	YOUR PRICE, Each, any type
10	C13433	C13438	C13443	\$1.12
20	C13434	C13439	C13444	
40	C13435	C13440	C13445	
80	C13436	C13441	C13446	
160	C13437	C13442	C13447	

Bud Bandswitch Coils

Covers 10, 20, 40, 80, 160 Meter Bands



D13495—For capacity coupled oscillator and buffer stages with inputs up to 50 watts. Isolantite insulated band switch. A 100 mfd. cond. tunes all bands. Inst. and dial plate inc. **YOUR PRICE.....\$3.23**

D13496—C. T. center linked band switch assembly for single or double tuned circuits. **YOUR PRICE.....\$5.29**

D13497—Identical to above but handles up to 100 Watts. **YOUR PRICE.....\$5.88**

Wood Tower

D16992—Model WT100. For roof mounting any beam antenna, etc. Tower is 10 feet high, 24" sq. at base and 9" at top. Thoroughly reinforced. Cut, drilled and painted ready to set up. Bolts included. Net wt. 40 lbs. **YOUR PRICE.....\$13.23**

Mobile Antennas

For amateur, police, marine and other commercial applications. Designed for rough usage coupled with efficient, dependable performance.

Antenna Rods

Multiple solid rod sections are of varying diameters for tapering effect. Non-telescopic. Very flexible. Supplied in cadmium plated steel or polished stainless steel. Plain bottom end, 1/4" in diameter.

Lgth.	Cadmium Plated		Stainless Steel	
	Stock Num.	Your Price	Stock Num.	Your Price
72"	D15785	\$1.47	D15790	\$3.23
78"	D15786	1.62	D15791	3.53
84"	D15787	1.76	D15792	3.82
90"	D15788	1.91	D15793	4.12
96"	D15789	2.06	D15794	4.41

Insulated Mounting

Brackets for Above Rods

D15795—Type R Ball swivel insulator. Conforms with curvature of car surface and always maintains antenna in vertical position. Adjustable 2" dia. split, solid cast bronze ball mounted on 3" dia. heavy bakelite insulating disc. Black enamel finish. **YOUR PRICE.....\$8.82**

D15796—Type K. For bumper bracket mounting or can be bolted to surfaces. 12" Long brass tubing with lock nut holds antenna rod. Chrome plated. **YOUR PRICE.....\$3.67**



Feed Thru Insulators



Glazed white ceramic with brass nickel plated metal fittings. Supplied with screws.

	Lgt.	Mtg.	Each
C4864	1 1/2"	3/8"	7c
C4865	1 1/2"	1/2"	12c
C4866	1 1/2"	5/8"	15c
C4867	3 1/2"	3/4"	29c

With Banana Jack

C4868	1 1/2"	3/8"	15c
C4869	1 1/2"	1/2"	18c
C4870	3 1/2"	3/4"	32c

Stand-Off Insulators



Low loss white glazed ceramic insulators. Brass nickel plated metal parts. Holes in base for mounting.

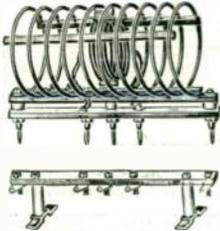
	Ht.	Each
C4850	1 1/2"	4c
C4851	1 1/2"	5c
C4852	1 1/2"	6c
C4853	2"	9c
C4854	5"	35c

Pillar Type

Glazed ceramic rods, 3/8" dia. with nickel plated fittings.

	Ht.	Each
C4855	1 1/2"	15c
C4856	2"	21c

Coto-Coil Lo-Loss Transmitting Coils



Highly efficient plug-in type transmitting coils. Rigid construction with heavy copper wire wound on slotted Cellulose Acetate ribs with the turns securely locked with lo-loss cement. All coils are fitted with plugs for rapid coil change. Type "TV" and "BT" are for use in capacity coupled circuits. Type "TL" and "BTL" have center fixed link adjusted for highest efficiency. Type "TVL" and "BTVL" have center variable link allowing adjustment of coupling to obtain variations in power output. All link coils are center-tapped, and can be used in single or push pull stacks. All coils tune with a 35 mfd. condenser, except 160 meter type requires 75 mfd. Coils are supplied without mounting base.

Tapered Stand-Offs

Threaded both ends. Supplied with screws.

	Hgt.	Dia.	Each
C4857	1 1/2"	3/8"	6c
C4858	1 1/2"	1/2"	9c
C4859	1 1/2"	5/8"	12c
C4860	2 1/2"	3/4"	18c

With Banana Jack

C4861	1 1/2"	3/8"	12c
C4862	1 1/2"	1/2"	14c
C4863	2 1/2"	3/4"	21c

Coto RF Chokes



CI3448—Type CI-11—Popular 125 DC Ma., 2.5 Mh. Type. Wound on Steatite core. Nickel plated end caps for clip mounting or soldered connections. DC resistance 40 ohms. Size, 1 1/2" x 1 1/2". **YOUR PRICE.....29c**

CI3449—Type CI-12—Similar to above. 250 Ma., 2.2 Mh. DC resistance 18.5 ohms. Size, 1 1/2" x 1 1/2". **YOUR PRICE.....35c**

CI3450—Type CI-21—Suited for 80, 40 and 20 meter bands. Rated 500 Ma. continuous. 1.1 Mh., 8 Ohms. Size, 3 1/2" x 1 1/2". With vertical mounting bracket. **YOUR PRICE.....73c**

CI3498—Type CI-20. As above but for 160, 80 and 40 meter bands. 3.6 Mh., 11 Ohms. **YOUR PRICE. Either Type....73c**

Insulex Sockets



Low loss Insulex glazed ceramic socket. Large contacts of phosphor bronze firmly held in recesses. Rivets especially designed for short-wave use, transmitting, etc. Slotted holes have 1/8" to 1/4" mtg. centers.

Stock Number	Number of Progs	Price Each	For Ten
K12167	4	25c	\$2.24
K12168	6		
K12169	8		
K12170	78		
K12171	8 (Octal)		

1 Kw. Coils

160 Meter coils wound with #12 wire, others with #10 wire. Base #8 long.

Type "T" (Without Link)				
Stock Num.	For Meter Band	Turns	Dia. Inch	Your Price
C13400	160	42	5	\$2.29
C13401	80	30	4	1.94
C13402	40	20	3	1.71
C13403	20	10	3	1.25
C13404	10	6	2 1/2	1.39
C13405	Steatite mounting base for "T" Coils			1.12

Type "TL" (Fixed Link)				
Stock Num.	For Meter Band	Turns	Dia. Inch	Your Price
C13406	160	42	5	\$3.23
C13407	80	30	4	2.88
C13408	40	20	3	2.65
C13409	20	10	3	2.29
C13410	10	6	2 1/2	2.23
C13411	Steatite mounting base for "TL" Coils			1.18

300 Watt Coils

All types are wound with #14 wire. Mounting base 3 1/2" long.

Type "BT" (Without Link)				
Stock Num.	For Meter Band	Turns	Dia. Inch	Your Price
C13417	160	36	4	\$1.76
C13418	80	24	3 1/2	1.68
C13419	40	22	3 1/2	1.41
C13420	20	10	2 1/2	1.21
C13421	10	6	2 1/2	1.15
C13432	Steatite mounting base for "BT" Coils			1.18

Type "BTL" (Fixed Link)				
Stock Num.	For Meter Band	Turns	Dia. Inch	Your Price
C13422	160	36	4	2.70
C13423	80	24	3 1/2	2.52
C13424	40	22	3 1/2	2.35
C13425	20	10	2 1/2	2.15
C13426	10	6	2 1/2	2.09
C13432	Steatite mounting base for "BTL" Coils			1.18

Type "TVL" (Variable Link)

Stock Num.	For Meter Band	Turns	Dia. Inch	Your Price
C13412	160	42	5	\$3.82
C13413	80	30	4	3.47
C13414	40	20	3	3.23
C13415	20	10	3	2.88
C13416	10	6	2 1/2	2.82
C13417	Steatite mounting base for "TVL" Coils			1.18

Type "BTVL" (Variable Link)

Stock Num.	For Meter Band	Turns	Dia. Inch	Your Price
C13427	160	36	4	3.70
C13428	80	24	3 1/2	3.20
C13429	40	22	3 1/2	2.94
C13430	20	10	2 1/2	2.73
C13431	10	6	2 1/2	2.68
C13432	Steatite mtr. base for "BTVL" Coils			1.18

THORDARSON Amateur Transformers



Fig. 2F



Fig. 4D

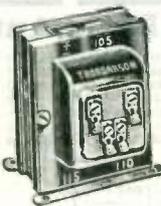


Fig. 2D

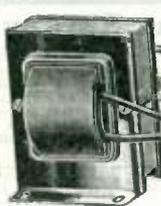


Fig. 3C



Fig. 3H



Fig. 2N



Fig. 2K

Plate Supply Transformers

DC Voltage ratings are from a two section filter and include voltage drop through rectifier tubes. All have electrostatic shielding between primary and secondary windings. Secondaries are center tapped. Primaries for 105-120 volt, 50-60 cycle AC operation and tapped for voltage variation adjustment.

*Has 30 Volt Bias Tap. †Designed for double rectifier, will deliver both ratings simultaneously. ‡Has Filament Windings: 5 Volts at 3 Amps., 6.3 Volts at 3 Amps. Ct., 7.5 Volts at 2.5 Amps. Ct.

Mfg. Code	Stock No.	Your Price	Sec. AC LoadVolts	DC Volts	DC Ma	Mfg. Fig.	Size—Inches WxDxH
T-19P54	C6830	\$ 3.23	1120	400	150	F	3 1/4 x 3 1/2 x 5
T-19R30*	C6831	4.56	1120	400	150	F	3 1/4 x 4 x 4 1/2
T-19P55*	C6832	3.82	1100/1320	400/500	250	F	3 1/4 x 3 1/2 x 4 1/2
T-19P56	C6833	4.12	1600/1320	600/750	225	F	3 1/4 x 4 x 4 1/2
T-19P57†	C6834	5.00	(2150/1014)	1000/400	(125/150)	F	3 1/4 x 4 1/2 x 4 1/2
T-19P58‡	C6835	8.38	(2400/1800)	1000/750	200/150	F	4 1/4 x 5 1/2 x 6 1/2
T-19P69	C6836	7.64	1800/2360	750/1000	300	F	4 1/2 x 6 1/2 x 6 1/2
T-19P59	C6837	9.40	2500/3120	1000/1250	300	2K	5 1/4 x 7 x 7
T-19P60	C6838	10.58	3120/3750	1250/1500	300	2K	6 1/4 x 8 x 7
T-19P61	C6839	11.76	3750/4250	1500/1750	300	2K	6 1/4 x 8 x 7
T-19P62	C6840	13.23	4250/4840	1750/2000	300	2K	6 1/4 x 5 x 7
T-19P63	C6841	13.52	2530/3120	1000/1250	500	2K	6 1/4 x 5 1/2 x 7
T-19P64	C6842	16.76	3120/3750	1250/1500	500	2K	6 1/4 x 8 x 7
T-19P65	C6843	17.35	4840/6000	2000/2500	300	2K	6 1/4 x 8 x 7
T-19P66	C6844	20.58	3750/4250	1500/1750	500	2K	6 1/4 x 4 1/2 x 10
T-19P67	C6845	24.39	4250/4800	1750/2000	500	2K	6 1/4 x 4 1/2 x 10
T-19P68	C6846	29.40	4900/6000	2000/2500	500	2K	6 1/4 x 5 1/2 x 10

Input or Swinging Chokes

Inductance values are measured under full load conditions. Insulation is fully adequate for voltages specified. *Equipped with only two terminals.

Mfg. Code	Stock No.	Your Price	Ind. Hrs.	DC MA	DC Res Ohms	Volts Ins.	Mfg. Fig.	Size Inches WxDxH
T-19C39	C6847	\$1.91	5-20	150	215	3000	2F	2 1/2 x 3 x 3 1/2
T-19C35	C6848	2.35	5-20	200	130	3000	2D	3 1/2 x 3 1/2 x 4 1/2
T-19C36	C6849	3.82	5-20	300	105	5000	2D	3 1/2 x 4 x 4 1/2
T-19C37	C6795	5.88	5-20	400	90	5000	2K*	5 1/2 x 6 x 7 1/2
T-19C38	C6796	8.23	5-20	500	75	5000	2K*	5 1/2 x 6 x 7 1/2

Smoothing Filter Chokes

Mfg. Code	Stock No.	Your Price	Ind. Hrs.	DC MA	DC Res Ohms	Volts Ins.	Mfg. Fig.	Size Inches WxDxH
T-19C46	C6799	\$1.91	12	150	215	3000	2F	2 1/2 x 3 x 3 1/2
T-19C42	C6855	2.35	12	200	130	3000	2D	3 1/2 x 3 1/2 x 4 1/2
T-19C43	C6856	3.82	12	300	105	5000	2D	3 1/2 x 4 x 4 1/2
T-19C44	C6857	5.88	12	400	90	5000	2K*	5 1/2 x 6 x 7 1/2
T-19C45	C6858	8.23	12	500	75	5000	2K*	5 1/2 x 6 x 7 1/2

Filament Transformers

Excellent voltage regulation. Conservatively rated for continuous operation under full load. For 115 volt, 50-60 cycle AC operation. *Have tapped primary for 105, 110 and 115 volts.

Mfg. Code	Stock No.	Your Price	Sec. Volts	Sec. Amps.	Volts Ins.	Mfg. Fig.	Size Inches WxDxH
T-50F81	C6860	\$0.88	2.5 Ct.	3.5	1600	A	2 x 1 1/2 x 2 1/2
T-19F88	C6861	1.03	2.5 Ct.	5.25	1600	A	2 x 2 x 2 1/2
T-19F89	C6862	1.32	2.5 Ct.	10	1600	A	2 1/2 x 2 x 3
T-19F90	C6863	1.76	2.5 Ct.	10	7500	3C	2 1/2 x 2 1/2 x 3 1/2
T-64F33*	C6864	2.65	2.5 Ct.	10	1600	2N	3 1/2 x 3 1/2 x 4
T-19F82	C6865	2.94	2.5 Ct.	15	10000	3C	3 1/2 x 2 1/2 x 4
T-63F99	C6866	1.91	5 Ct.	4	1600	2D	3 x 2 1/2 x 3 1/2
T-19F83	C6867	1.32	5 Ct.	5	1600	3C	2 1/2 x 2 x 3
T-19F84	C6868	1.62	5 Ct.	13	1600	3C	2 1/2 x 2 1/2 x 3 1/2
T-19F85	C6869	1.91	5 Ct.	13	1600	3C	3 1/2 x 2 1/2 x 4
T-19F86	C6870	3.23	5 Ct.	21	1600	3C	3 1/2 x 3 x 5
T-19F91	C6871	1.32	5.25 Ct.	4	1600	3C	2 1/2 x 2 1/2 x 3 1/2
T-19F92	C6872	1.91	5.25 Ct.	13	1600	3C	2 1/2 x 2 1/2 x 3 1/2
T-74F23*	C6873	2.94	5.25 Ct.	13	1600	2D	3 1/2 x 3 1/2 x 4
T-74F24*	C6874	4.41	5.25 Ct.	21	1600	2D	3 1/2 x 3 1/2 x 4 1/2
T-19F80	C6875	.73	6.3 Ct.	1	1600	A	1 1/2 x 1 1/2 x 1 1/2
T-19F81	C6876	.88	6.3 Ct.	2	1600	A	1 1/2 x 1 1/2 x 2 1/2
T-19F97	C6877	1.03	6.3 Ct.	2.5	1600	A	2 x 2 x 2 1/2
T-61F85*	C6878	1.18	2.5/5/6.3	5	1600	A	3 1/2 x 2 x 3 1/2
T-73F80*	C6879	2.20	6.3 Ct.	5	1600	2D	3 x 2 1/2 x 3 1/2
T-19F98	C6880	1.62	6.3 Ct.	6	1600	3C	2 1/2 x 2 1/2 x 3 1/2
T-19F99	C6881	2.06	6.3 Ct.	10	1600	3C	3 1/2 x 2 1/2 x 4
T-19F93	C6883	1.32	7.5 Ct.	4	1600	3C	2 1/2 x 2 1/2 x 3 1/2
T-19F94	C6884	1.76	7.5 Ct.	8	1600	3C	3 x 2 1/2 x 3 1/2
T-92F20	C6885	2.79	7.5 Ct.	8	1600	2D	3 1/2 x 3 1/2 x 4
T-19F95	C6886	1.62	10 Ct.	4	1600	3C	2 1/2 x 2 1/2 x 3 1/2
T-19F96	C6887	2.06	10 Ct.	8	1600	3C	3 x 2 1/2 x 3 1/2
T-64F14*	C6888	2.79	10 Ct.	8	1600	2D	3 1/2 x 3 1/2 x 4
T-19F87	C6889	3.67	10 Ct.	12	1600	3C	3 1/2 x 3 1/2 x 4

Low Level Matching Transformers

Only the most popular types are listed here. A complete line to fit all applications is available, write us of your needs. Transformers are specially wound to give very low leakage reactance and provide best frequency response.

Low Impedance Source (Microphone, Line, Mixer) to Grid

Mfg. Code	Stock No.	Your Price	Ohms Impedance Prim'y	Secondary	O'all Ratio	Mfg. Fig.	Size Inches WxDxH
T-83A73	C6890	\$1.62	200 Ct.	100,000	1:22.2	2F	2 1/2 x 2 1/2 x 3
T-83A78	C6891	1.18	100	400,000 Ct.	1:64	2F	2 x 1 1/2 x 2 1/2
T-55A16	C6892	1.62	200/50	100,000 Ct.	1:22.2	2F	2 x 2 1/2 x 3
T-61A94	C6893	1.91	500/125	100,000 Ct.	1:14.1	2F	2 1/2 x 2 1/2 x 3

Tube to Line or Mixer (Low Level)

Primary handles 8 Ma. per side

Mfg. Code	Stock No.	Your Price	20000 Ct.	500 Ct.	200 Ct.	Mfg. Fig.	Size Inches WxDxH
T-14A90	C6894	\$1.47	20000 Ct.	500 Ct.	200 Ct.	2F	2 x 2 1/2 x 2 1/2
T-14A91	C6895	1.47	20000 Ct.	200 Ct.	200 Ct.	2F	2 x 2 1/2 x 2 1/2

Multi-Match Driver Transformers

Variable ratios on each transformer permit this series to handle all driver transformer requirements usually encountered in amateur circuits. C.H.T. Series are especially recommended for high quality installations. Have Plug-In Jack Terminal Board for quick and accurate matching without soldering. Completely protected against varying climatic conditions.

"19" Series—Fig. 4D Size: 2 1/2 x 3 1/2"

Mfg. Code	Stock No.	Your Price	Cap. Watts	Max. Primary Ma. per Side	Ratio of Primary to Secondary
T-19D01	C6896	\$3.53	15	60	1:1/1.2:1/1.4:1/1.6:1/1.8:1
T-19D02	C6897	3.53	15	60	2:1/2.2:1/2.4:1/2.6:1/2.8:1
T-19D03	C6898	3.53	15	60	3:1/3.2:1/3.4:1/3.6:1/3.8:1
T-19D04	C6899	3.53	15	60	4:1/4.5:1/5.1/5.5:1/6:1
T-19D05	C6605	3.53	15	60	1:3.15/1:2.75/1:2.5/1:2.25/1:2.1:1.75/1:1.4/1:1.25/1:0.85/1:0.75

C.H.T. Series—Fig. 3H Size: 4x4 1/2 x 4 3/8"

*P.P. 45's or 2A3's. †P.P. Par. 2A3's. ‡P.P. 6L6's with inverse feedback

Mfg. Code	Stock No.	Your Price	Cap. Watts	Max. Primary Ma. per Side	Sec. Ma. Par.	Mfg. Fig.	Size Inches WxDxH
T-15D76*	C6618	\$4.85	15	60	50	1	1:1/1.2:1/1.4:1/1.6:1/1.8:1
T-15D77*	C6619	4.85	15	60	60	2	2:1/2.2:1/2.4:1/2.6:1/2.8:1
T-15D78*	C6620	4.85	15	60	60	3	3:1/3.2:1/3.4:1/3.6:1/3.8:1
T-15D79*	C6621	4.85	15	60	60	4	4:1/4.5:1/5.1/5.5:1/6:1
T-15D80†	C6622	6.76	30	120	100	1	1:1/1.25:1/1.5:1/1.75:1/2:1
T-15D81†	C6623	6.76	30	120	100	2	2.25:1/2.5:1/2.75:1/3:1/3.25:1
T-15D82	C6636	4.85	15	60	50	1	1:3.15/1:2.75/1:2.5/1:2.25/1:2.1/1.75/1:1.4/1:1.25/1:0.85/1:0.75
T-15D83	C6638	6.76	30	120	100	1	1:3.15/1:2.75/1:2.5/1:2.25/1:2.1/1.75/1:1.4/1:1.25/1:0.85/1:0.75
T-15D84‡	C6656	6.76	30	80	80	1	1.5:1/2:1/2.5:1/3:1/3.5:1

Multi-Match Modulation Transformers

Tapped coils allow perfect matching of any modulator tube to any Class "C" I.F. P. load. Taps brought out to solder lugs on front of transformer. *Housed in rectangular metal case with porcelain insulators.

"19" Series

Mfg. Code	Stock No.	Your Price	Cap. Watts	Pri. Ma. Per Side	Sec. Ma. Par.	Mfg. Fig.	Size Inches WxDxH	
T-19M13	C6657	\$2.35	15	50	50	100	2N	2 1/2 x 2 1/2 x 3
T-19M14	C6662	4.12	30	75	75	150	2N	3 1/2 x 3 1/2 x 4
T-19M15	C6663	5.88	60	125	125	225	2N	4 1/2 x 4 1/2 x 5
T-19M16	C6664	8.22	100	175	175	350	2N	5 1/2 x 5 1/2 x 6
T-19M17	C6665	14.11	250	225	225	450	2Q*	5 1/2 x 8 1/2 x 7 1/2

C.H.T. Series

Especially recommended for high quality installations. Completely protected against varying climatic conditions. *Have plug-in jack terminals for quick and accurate matching of tube loads instead of solder lugs as illustrated.

Mfg. Code	Stock No.	Your Price	Cap. Watts	Pri. Ma. Per Side	Sec. Ma. Par.	Mfg. Fig.	Size Inches WxDxH	
T-11M74	C6666	\$5.29	40	100	80	180	3H*	4 x 4 1/2 x 4 1/2
T-11M75	C6667	7.35	75	145	145	200	3H*	4 x 4 1/2 x 4 1/2
T-11M76	C6668	11.47	125	210	180	320	3H*	5 1/2 x 5 1/2 x 6
T-11M77	C6669	17.64	300	250	250	500	3H*	6 x 7 1/2 x 7 1/2
T-11M78	C6670	35.28	500	320	320	640	3H*	7 x 8 1/2 x 7 1/2

Heavy Duty Output Transformers—Fig. 2F

Keys-Crystals-Relays FOR THE AMATEUR



Model 1 Junior

Martin Flash Keys

Semi-automatic transmitting instruments. All models feature perfect control, easy adjustment, new high speeds and durability. Simple to operate. Unconditionally guaranteed. Left hand keys \$2.00 extra.

Model 1. For the professional or advanced amateur operator. Reliable single action, easily adjusted for any speed. Heavy coin silver contacts. Closing circuit switch. Split pendulum weight. Base size, 6 5/8 x 3 1/2 x 1/2". Weight, 3 1/2 lbs. With cord as illustrated.

D9482—Black crackle finish. **\$10.29**
YOUR PRICE.....

D9483—Chrome finish. **\$11.71**
YOUR PRICE.....

D9484—Junior Model. Has all features of professional model but is smaller and lighter in construction. Base size, 6 5/8 x 2 1/2 x 1/2". Black crackle finish. Cord not supplied. **\$8.98**

D9485—Amateur Model. An outstanding value. Now every amateur can own a Martin Flash Key. Similar in appearance to Junior model. Base size, 6 3/8 x 3 1/2". Black crackle finish. Weight, 2 lbs. **\$5.15**
YOUR PRICE.....

McElroy Speed Keys

Quality semi-automatic transmitting keys. Built by T. R. McElroy, world champion telegrapher. Professional Mac Key, Model P500. Conforms with U.S. Navy specification for "Speed Key." Smooth, easy operation; perfect sending. Moving parts are chrome-plated brass. 3/4" silver contacts. Patented dot stabilizer. Bakelite insulation. Circuit closing switch. Parkerized base casting and super-structure are black crackle finished. Net weight, 4 1/2 lbs. Heavy enough to stay in position. Mac recommends one paddle which is mounted on key. Extra paddle included for those who prefer two.

D9475—Base size, 3 3/4 x 6 1/2 x 3/4". **\$7.50**
YOUR PRICE.....

Super streamlines. Model S609SC. The most attractive semi-automatic key made. The streamlined base and all metal parts are finished in polished chrome. Mechanically perfect, the rhythmic dots and dashes are easily received. Feather touch operation permits long periods of sending without fatigue. 3/4" coin silver contacts. Beryllium copper main and U spring. Coil springs, bearings and pins of finest stainless steel. Truly Mac's masterpiece.

D9477—Net weight, 4 lbs. **\$9.50**
YOUR PRICE.....

No. 300 Signal Straight Keys

D9486—Model M100. Designed for skilled operators. Dual adjustments for tension and lever action. Platinor contacts. Lacquered brass base, nickel plated parts. With circuit switch. **\$1.75**
YOUR PRICE.....

D9487—R48. Less circuit switch. **\$1.65**
YOUR PRICE.....

Standard Keys

Heavy rectangular cast base. Stays in place. All parts brass with lacquer finish. Navy type key knob.

D9488—R62. 3/4" Contacts. **\$2.06**
YOUR PRICE.....

D9489—R63. 1/2" Contacts. **\$2.12**
YOUR PRICE.....

D9490—R64. 3/8" Contacts. **\$2.27**
YOUR PRICE.....

D9491—Model R50. Similar to above types. Heavy black crackle finished cast base. Coin silver contacts. Nickel plated parts. **88c**
YOUR PRICE.....

McElroy Straight Keys

D9478—Streamline DeLuxe Model 300. The cast streamlined base and all metal parts are finished in polished chrome. Bronze bearing screws, finely balanced key lever, heavy 3/4" contacts. Has circuit closing switch. **\$2.85**
YOUR PRICE.....

D9479—As above but with black plastic base and less circuit closing switch. **\$1.00**
YOUR PRICE.....

Hi-Power Frequency Control Crystals



Designed to give peak performance in amateur bands, featuring high activity, high efficiency and low drift. Precision ground highest grade, selected quality Brazilian quartz crystal mounted in round bakelite holder, 1 3/8 x 3/8". Fits 5 prong socket or Amphenol Crystal socket. Face plate is stamped with exact frequency of crystal. Available in two types:

The "Ruby." Temperature coefficient of 4 cycles or less per MC per degree centigrade. Alumilite contact electrodes with extremely hard, polished surface.

The "Emerald." Temperature coefficient of 10 cycles or less per MC per degree centigrade. Nickel silver electrodes insure excellent contact.

The Emerald

Stock Num.	For Band Meters	± KC	Mfg. Type	Your Price
C9435	160	5	LTC2	\$3.35
C9436	160	1	LTC2	4.35
C9437	80	5	LTC2	3.35
C9438	80	1	LTC2	4.35
C9439	40	5	LTC2	3.35
C9440	40	1	LTC2	4.35
C9441	20	15	TH10	5.50
C9442	20	5	TH10	9.50
C9443	10*	30	TH10	5.50
C9444	10*	5	TH10	9.50

The Ruby

Stock Num.	For Band Meters	± KC	Mfg. Type	Your Price
C9445	160	5	LTC1	\$4.50
C9446	160	1	LTC1	5.50
C9447	80	5	LTC1	4.50
C9448	80	1	LTC1	5.50
C9449	40	5	LTC1	4.50
C9450	40	1	LTC1	5.50
C9451	20	15	TH3	7.25
C9452	20	5	TH3	11.25
C9453	10*	30	TH3	7.25
C9454	10*	5	TH3	11.25

* Available range 14,400 to 15,000 KC for doubling to 10 meters.

Unmounted Crystal

Similar to "Emerald" type. Size, 1" sq. Specify frequency.

Stock Num.	For Band Meters	± KC	Mfg. Type	Your Price
C9500	160	10	AH10	\$2.35
C9502	160	1	AH10	3.25
C9501	80	10	AH10	2.35
C9503	80	1	AH10	3.25

Crystal Holder

Type AH
C9504—
PRICE
\$1.00



Square molded bakelite plug-in type holder for 160 and 80 meter crystals up to 1" square. Nickel silver electrodes. Fits 5 prong socket.

McElroy Audio Oscillator

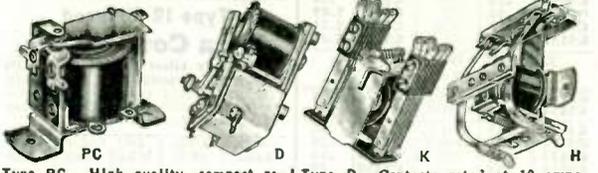
A high quality practice oscillator at an exceptionally low price. Built by T. J. McElroy, world champion telegrapher, the user is assured of perfect clean tone. His provisions for connecting key and headphones. Operated direct from the 110 volt AC or DC line. Requires only one 117LGT tube. Tube socket is located on top of attractive black plastic case. Highly recommended for schools, clubs as well as individual use. Regardless of how much you pay, you cannot get a better oscillator.

D9480—Less tube. **\$2.85**
YOUR PRICE.....

D1155—117LGT Sylvania tube for above. **\$1.13**
YOUR PRICE.....



Allied Transmitter and Industrial Relays



Type PC. High quality, compact relays having a multitude of applications. Especially suited for remote control of electrical equipment, amateur uses, etc. Size, 2 1/4 x 1 1/2 x 1/2" high. Top movement insulated from base. SPDT switch action contacts rated 5 amperes at 125 volts A.C.

C4993—For use in plate circuits of tubes. 5000 Ohm coil closes contact at 8 Ma., opens at 5 Ma. **97c**
YOUR PRICE.....

C4989—As above but with 5000 ohm coil. **\$2.11**
YOUR PRICE.....

C4990—With 6 volt DC coil. **92c**
YOUR PRICE.....

D4991—With 6 V. AC coil **\$1.13**
YOUR PRICE.....

C4992—With 110 V. AC coil. **\$1.23**
YOUR PRICE.....

Radolek can supply Relays for any purpose, either Amateur or Industrial. Send us your order. It will be filled at Lowest Prices.

Type D. Contacts rated at 10 amps, 125 volts A.C. Vacuum impregnated layer wound coils. D.P.D.T. switch action. For antenna transfer, filament control, dynamotor starting, etc.

D4950—With 6 V. AC coil. **\$2.45**
YOUR PRICE.....

D4951—With 110 V. AC coil. **\$2.45**
YOUR PRICE.....

Type K. Contact rating, 1 amp. at 110 volt A.C. Phosphor bronze springs.

D4952—F.D.T. With 110 volt AC coil. **\$3.19**
YOUR PRICE.....

D4953—6-P.D.T. with 110 volt AC coil. **\$3.57**
YOUR PRICE.....

Type H. For switching bands, crystal or tank circuits. Alsimag insulation. Low-loss type.

D4954—With 6 V. DC coil. **\$3.19**
YOUR PRICE.....

D4955—With 6 V. AC coil. **\$3.19**
YOUR PRICE.....

D4956—With 110 V. AC coil. **\$3.19**
YOUR PRICE.....

Gordon Heavy Duty R.F. Relays

D4957—1 Kw. D.P.D.T. Heavy Duty Relay. **\$8.82**
YOUR PRICE.....

High power D.P.D.T. relay which will handle one kilowatt easily. Ideal for antenna changeover, multi-band transmitter tank switching, beam antennas and 60 cycle power switching. Insulation is low-loss Alsimag 100, the finest of all ceramic insulators. Losses are negligible even at 100 Mc. Has husky 3/4" coin silver, self wiping contacts. Switch action has a 4 lb. pull which makes positive contact instantly. All contacts spaced 1/4" apart to eliminate capacity effects and to guard against high potential flash-overs. Actuated by 110 volt, 50-60 cycle solenoid coil. Fractured by 100 lbs. Absolutely no contact chatter or bounce. Size, 4 1/2 x 4 1/2 x 3 1/2".

Amphenol Crystal Socket

An ultra-low-loss socket for use with crystals mounted in standard holders. Molded from transparent polystyrene. Takes the place of 5 contact socket usually used. **18c**
D12185—YOUR PRICE.....



CORNELL



DUBILIER

Transmitting

Condensers



Types 4 and 9 Mica Condensers

Best grade India mica dielectric and non-magnetic foil provides high breakdown voltage, low power factor and reduces losses. Moulded bakelite case. Accuracy $\pm 10\%$. Also available in low loss bakelite and higher tolerances at slightly higher prices.

600 DC Wkg. Volts—1000 Peak
Type 4 (Lug) Type 9 (Screw)

Stock Num.	Your Price	Cap. Mfd.	Stock Num.	Your Price
C9085	\$0.24	.00005	C9154	\$0.29
C9086	.24	.0001	C9155	.29
C9087	.24	.00025	C9156	.29
C9088	.24	.0005	C9157	.29
C9089	.24	.001	C9158	.29

Stock Num.	Your Price	Cap. Mfd.	Stock Num.	Your Price
C9090	.24	.0015	C9159	.31
C9091	.27	.002	C9160	.41
C9092	.34	.003	C9161	.41
C9093	.34	.004	C9162	.41
C9094	.34	.005	C9163	.41

Stock Num.	Your Price	Cap. Mfd.	Stock Num.	Your Price
C9095	.51	.006	C9163	.59
C9097	.68	.008	C9164	.71
C9098	.79	.015	C9165	.82
C9099	.91	.02	C9166	.94
C9100	1.12	.025	C9167	1.09
C9101	1.23	.03	C9168	1.35
			C9169	1.47

1200 DC Wkg. Volts—2500 Peak

Stock Num.	Your Price	Cap. Mfd.	Stock Num.	Your Price
C9152	.34	.0001	C9170	.34
C9153	.34	.0002	C9171	.34
C9172	.34	.00025	C9187	.34
C9173	.34	.0005	C9188	.34
C9174	.52	.001	C9189	.52
C9175	.79	.002	C9190	.79
C9176	.91	.004	C9191	.91

Stock Num.	Your Price	Cap. Mfd.	Stock Num.	Your Price
C9176	1.03	.005	C9192	1.03
C9177	1.03	.008	C9193	1.03
C9178	1.32	.008	C9194	1.32
C9179	1.65	.01	C9195	1.65

2500 DC Wkg. Volts—5000 Peak

Stock Num.	Your Price	Cap. Mfd.	Stock Num.	Your Price
C9180	.52	.0001	C9196	.52
C9181	.62	.00025	C9197	.62
C9182	.73	.0005	C9198	.73
C9183	.88	.001	C9199	.88
C9184	1.32	.002	C9200	1.32
C9185	1.62	.003	C9201	1.62
C9186	2.06	.005	C9202	2.06

Type 86 High Voltage Mica Condensers

Particularly suited for high frequency transmitting work. Special mica stock eliminates corona losses. Vacuum impregnation and best grade India ruby mica dielectric. Glazed porcelain case. Size: 2 1/2" high, 2 1/4" deep, 3 1/4" Mtg. Ctrs.

Stock Num.	Cap. Mfd.	DC Wkg. Volts	Your Price
C9203	.0001	12,500	\$2.19
C9204	.0005	12,500	2.50
C9205	.0005	7,000	2.19
C9206	.001	12,500	2.94
C9207	.001	7,000	2.50
C9208	.001	3,500	2.19
C9209	.0015	12,500	3.23
C9210	.002	12,500	3.82
C9211	.002	7,000	3.09
C9212	.002	3,500	2.50
C9213	.005	10,000	5.94
C9214	.01	7,000	5.59
C9215	.01	3,500	4.12
C9216	.02	3,500	3.14
C9217	.1	2,000	6.47

Type IR Silvered Mica Condensers

Extra heavy silver coating practically eliminates capacity drift. Completely wax impregnated and moulded in low loss red bakelite. 1 1/4" Leads. Size, 3/4" square. Accuracy $\pm 5\%$.

Stock Num.	Cap. Mfd.	DC Wkg. Volts	Peak	Your Price
C9218	.00001	500	1000	\$0.24
C9219	.00005	500	1000	.24
C9220	.0001	500	1000	.24
C9221	.00015	500	1000	.29
C9222	.0002	500	1000	.29
C9223	.00025	500	1000	.29
C9224	.0003	500	1000	.44
C9225	.0005	500	1000	.44
C9226	.001	500	1000	.73
C9227	.0015	500	1000	.88
C9228	.002	500	1000	.88
C9229	.0025	500	1000	1.13
C9230	.003	300	600	1.32
C9231	.004	300	600	1.38
C9232	.005	300	600	1.47

High Voltage Dykanol Condensers

Dykanol Filled—Dykanol Impregnated—Fire Proof

Filled and impregnated with a dielectric material having characteristics far superior to wax, tar, oil, etc. Extraordinary low power factor and high insulation resistance. Dykanol is non-inflammable, non-oxidizable and has no flash or fire point. Purest aluminum foil and best grade multi-laminated

Kraft tissue are used. Glazed terminal insulators; bakelite insulators used on lower voltage types. Mounted in hermetically sealed aluminum containers insulated from the condenser (except stud mounting type). Conservatively rated; may be safely operated continuously at 10% above rated voltages.

Type TJU In Rectangular Metal Container With Mounting Bracket

600 V. DC—440 RMS Rect. AC

Stock Num.	Cap. Mfd.	Size Inches LxWxD	Your Price
C9233	.5	2 1/4 x 1 1/2 x 1 1/2	\$1.62
C9234	1	2 1/4 x 1 1/2 x 1 1/2	2.06
C9235	2	2 1/4 x 1 1/2 x 1 1/2	2.49
C9236	4	3 1/4 x 2 1/4 x 1 1/2	3.23

1000 V. DC—660 RMS Rect. AC

Stock Num.	Cap. Mfd.	Size Inches LxWxD	Your Price
C9239	.5	2 1/4 x 1 1/2 x 1 1/2	1.76
C9240	1	2 1/4 x 1 1/2 x 1 1/2	2.20
C9241	2	2 1/4 x 1 1/2 x 1 1/2	2.94
C9242	4	3 1/4 x 2 1/4 x 1 1/2	3.67

1500 V. DC—1000 RMS Rect. AC

Stock Num.	Cap. Mfd.	Size Inches LxWxD	Your Price
C9244	1	4 x 1 1/2 x 1 1/2	2.64
C9245	2	4 x 1 1/2 x 1 1/2	3.67
C9246	4	4 x 1 1/2 x 1 1/2	4.98

2000 V. DC—1500 RMS Rect. AC

Stock Num.	Cap. Mfd.	Size Inches LxWxD	Your Price
C9250	1	3 1/2 x 2 1/4 x 1 1/2	3.23
C9251	2	4 x 3 1/2 x 1 1/2	3.82
C9252	4	3 1/2 x 3 1/2 x 2 1/4	5.29

3000 V. DC—2200 RMS Rect. AC

Stock Num.	Cap. Mfd.	Size Inches LxWxD	Your Price
C9253	1	3 1/2 x 3 1/2 x 2 1/4	7.06
C9254	2	4 x 3 1/2 x 3 1/2	8.82
C9255	4	4 x 3 1/2 x 3 1/2	12.94

Type TLA Stud Mounting Metal Container

Center lug is positive. Can is negative. Insulating washers included. Size, 1 1/4" dia., 2 7/8" to 4 1/2" high. 3/4" Mtg. Stud.

Stock Num.	Cap. Mfd.	DC Wkg. Volts	RMS	Your Price
C9256	2	600	440	\$1.62
C9257	3	600	440	1.91
C9258	4	600	440	2.20

Stock Num.	Cap. Mfd.	DC Wkg. Volts	RMS	Your Price
C9259	1	1000	660	1.47
C9260	2	1000	660	1.91
C9261	.5	1500	1000	1.76
C9262	1	1500	1000	1.91

Type TQ In Round Metal Containers With mounting bracket

Stock Num.	Cap. Mfd.	DC Wkg. Volts	RMS	Size LxWxD	Your Price
C9263	2	600	440	2 1/2 x 2	\$1.91
C9264	4	600	440	2 1/2 x 2	2.65
C9265	1	1000	660	1 1/2 x 2	1.62
C9266	2	1000	660	2 1/2 x 2	2.20
C9267	4	1000	660	3 1/2 x 2	2.79
C9268	1	1500	1000	2 1/2 x 2	2.06
C9269	2	1500	1000	3 1/2 x 2	2.79
C9270	1	2000	1500	3 1/2 x 2	2.65
C9271	2	2000	1500	4 1/2 x 2	2.94
C9272	4	2000	1500	4 1/2 x 3	4.12
C9273	1	3000	2200	3 1/2 x 3	5.29
C9274	2	3000	2200	5 1/2 x 3	6.47

Motor Starting Capacitors for Refrigerator Motors

Stock Number	Mfg. Code	Type Case	Cap. Mfd.	Size Inches LxWxD	List Price	Your Price
C9275	JDS-80	A	80	3 1/4 x 3 1/2 x 2	\$3.75	\$2.21
C9276	JDS-100	A	100	3 1/4 x 3 1/2 x 2	4.25	2.50
C9277	JDS-115	A	115	3 1/4 x 3 1/2 x 2	4.65	2.73
C9278	JPW-80	B	80	3 1/4 x 3 1/2 x 2	3.75	2.21
C9279	JPW-100	B	100	3 1/4 x 3 1/2 x 2	4.25	2.50
C9280	JPW-115	B	115	3 1/4 x 3 1/2 x 2	4.65	2.73
C9281	JPW-135	B	135	3 1/4 x 3 1/2 x 2 1/4	5.15	3.03
C9282	JPW-150	B	150	3 1/4 x 3 1/2 x 2 1/4	5.50	3.23
C9283	LMW-80	B	80	4 1/4 x 4 1/2 x 1 1/2	3.75	2.21
C9284	LMW-100	B	100	4 1/4 x 4 1/2 x 1 1/2	4.25	2.50
C9285	LMW-115	B	115	4 1/4 x 4 1/2 x 1 1/2	4.65	2.73
C9286	LMW-135	B	135	4 1/4 x 4 1/2 x 1 1/2	5.15	3.03
C9287	LMW-150	B	150	4 1/4 x 4 1/2 x 2	5.50	3.23
C9288	LMW-200	B	200	4 1/4 x 4 1/2 x 2 1/4	7.00	4.12
C9291	ETN-80	C	75-84	3 1/4 x 1 1/2	2.75	1.62
C9292	ETN-100	C	97-109	3 1/4 x 1 1/2	3.25	1.91
C9293	ETN-115	C	108-120	3 1/4 x 1 1/2	3.50	2.06
C9294	ETN-130	C	124-128	3 1/4 x 1 1/2	3.85	2.26
C9296	ETN-155	C	145-162	4 1/4 x 1 1/2	4.25	2.50
C9297	ETN-155-1	C	145-192	4 1/4 x 1 1/2	4.25	2.50
C9298	ETN-285	C	270-300	4 1/4 x 1 1/2	6.50	3.82
C9299	ETN-285-1	C	270-300	3 1/2 x 2	6.50	3.82
C9315	ETN-400	C	378-420	4 1/2 x 2	8.50	5.00
C9316	CLB-80	C	80	4 1/2 x 2	3.75	2.21

Designed for Intermittent Use of 20 3 Second Starts Per Hour

For use on 105-120 volt 50-60 cycle AC only. Dry Electrolytic condensers designed to exactly replace the original unit used for starting of Refrigerators and other motor driven equipment. The correct replacement condenser for practically any Electric Refrigerator made can be selected by referring to the Illustrations at left and the listing given below. A replacement guide is included with each condenser or sent separately on request.



Stock Number	Mfg. Code	Type Case	Cap. Mfd.	Size Inches LxWxD	List Price	Your Price
C9337	CLB-80-1	C	80	4 1/2 x 2 1/4	\$3.75	\$2.21
C9338	CLB-100	C	100	4 1/2 x 2 1/4	4.25	2.50
C9339	CLB-100-1	C	100	4 1/2 x 2 1/4	4.65	2.73
C9340	CLB-115-2	C	115	4 1/2 x 2 1/4	4.65	2.73
C9342	CLB-115-7	C	115	4 1/2 x 2 1/4	4.65	2.73
C9343	CLB-135	C	135	4 1/2 x 3	5.15	3.03
C9344	CLB-150	C	150	4 1/2 x 3 1/4	5.50	3.23

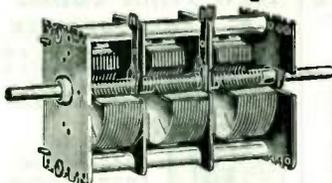
TRANSMITTING RECEIVING

Variable Condensers

Universal Replacement Variable Condensers

With Shaft Out of Both
Ends and With
Reversible Trimmers

Tuned Radio Frequency type for replacement or new work. Tuning shaft out of both ends permits either clockwise or counter clockwise rotation by simply reversing the position of the condenser. Removable trimmers can be attached to long or short side.



Heavy aluminum plates. High end shields. Ball bearing races. Frames are steel, cadmium plated. Compact Size. End plates 2 3/4" x 3 3/4". Length: 2 section 2 1/2", 3 section 3 1/4", 3/8" diam., 1" long shafts. Capacity of each section is 375 Mmf. maximum, 15 Mmf. minimum.
C8954—2 Gang. **\$1.21**
C8956—3 Gang. **\$1.81**
YOUR PRICE

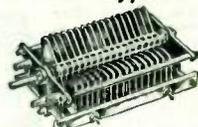
Cardwell Transmitting Condensers

Midway Featherweight



For low and medium power transmitters and receivers where light weight and small space are factors. Ideal for portable and aircraft equipment. Panel mounting space only 2 1/2" x 3" condenser open. 1/4" Shaft; aluminum frame; brass bearings. Supplied with aluminum mounting feet. G.E. Mylex insulation.

"X" Type



The standard of comparison. Polished aluminum plates, rounded edges. Frames, tie rods, bushings, etc. nickel plated. 3/4" Steel shaft supports rotor plates. G.E. Mylex insulation. Panel or chassis mounting.

"X" Type Singles

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13500	XT220PS	220	070	\$2.70
C13501	XT440PS	440	070	4.62
C13502	XP90KS	90	084	2.70
C13503	XP165KS	165	084	3.90
C13504	XP300KS	330	084	6.48
C13505	XF240KS	240	100	6.48
C13506	XF120KS	120	100	3.60
C13507	XG25XS	25	171	2.10
C13508	XG110XS	110	171	5.82

"X" Type Duals

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13509	XR500PD	500	030	\$3.90
C13510	XR80PD	80	070	3.30
C13511	XT210PD	210	070	5.22
C13512	XP90KD	95	084	4.50
C13513	XP325KD	325	084	13.20
C13514	XI120XD	120	100	6.00
C13515	XI240XD	240	100	12.60
C13516	XG50XD	50	100	6.42
C13517	XG110XD	110	171	10.80

Disc Type

Neutralizers

For low capacity triodes. Fine grade Aismag insulation, polished aluminum discs. Fine screw thread adjustment in long nickel silver bearing—no wobble. Knurled thumb nut for easy locking. Heavy finish aluminum support and base plate.



Stock Num.	Mfg. Code	Disc. Dia.	Air-gap	Your Price
C13548	ADN	2"	.1"	\$1.80
C13549	BDN	4"	.2"	3.00

Trim Air Midgets

Single hole mounting. Insulated midget tuning capacitors ideal for portable, general receiving and low power neutralization use. Sturdy construction. Require 1/8" x 1/8" panel mounting space. 3/8" shaft.



Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13550	ZR15AS	15	030	\$0.75
C13551	ZR35AS	35	030	1.90
C13552	ZR50AS	50	030	3.60
C13553	ZU75AS	75	030	1.02
C13554	ZU100AS	100	030	1.05
C13555	ZU140AS*	140	020	1.89
C13556	ZT10AS	11	070	.87
C13557	ZT15AS	15	070	.93
C13558	ZT30AS	30	070	1.11

*Double bearing—2 end plates, shaft not extended at rear.

Single Trim Airs

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13559	ER15AD	15	030	\$1.56
C13560	ER35AD	35	030	1.74
C13561	ER75AD	75	030	1.98
C13562	EU100AD	100	020	2.04
C13563	EU140AD	140	020	3.60
C13564	ET15AD	15	070	1.80
C13565	ET30AD	30	070	2.16

Mounting space 1 1/8" x 1/8". Shafts extend at rear for ganging.

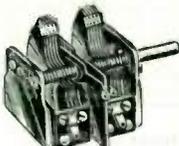
Dual Trim Airs

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13559	ER15AD	15	030	\$1.56
C13560	ER35AD	35	030	1.74
C13561	ER75AD	75	030	1.98
C13562	EU100AD	100	020	2.04
C13563	EU140AD	140	020	3.60
C13564	ET15AD	15	070	1.80
C13565	ET30AD	30	070	2.16

Radolek can supply any type of Amateur Transmitting condenser that you may require. Send us your order. The merchandise will be shipped promptly at current market price.

Two and Three Gang Condensers

.00015
Mfd.



A high quality small size T.R.F. type condenser. Rigid construction provides for electrical and mechanical efficiency. Accurately fitted ball bearings at both ends of condenser shaft provide for long life, quiet operation and stability of calibration. Both models have clockwise rotation. Length: 2 gang 2 3/4", 3 gang 3 1/4". Both sizes, 1 1/2" high, 3/4" wide. Tapped holes in base for mounting. 1 1/4" x 1/2" Shaft.

C8984—Two Gang. **85¢**
YOUR PRICE
C8985—Three Gang. **\$1.59**
YOUR PRICE

Single Hole Mounting Trimmer Condensers

Compact trimmer condensers with low-loss ceramic base. Size, 3/8" x 1/4". Single 1/4" hole mount. Trimmer can be adjusted from top or bottom. Value given is usable range at which condenser operates most efficiently. Actual min. and max. values are considerably greater.



Stock Number	Usable Range	Your Price
C8940	15 to 80 mfm.	14¢
C8941	67 to 175	16¢
C8942	110 to 300	19¢
C8943	250 to 525	23¢
C8944	420 to 800	27¢
C8945	625 to 1050	27¢
C8946	850 to 1500	37¢

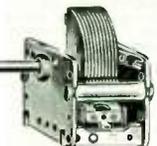
Flexible Coupling

Permits tandem operation of condensers, etc. For 3/4" Shafts.
D13573—Bakelite. Net 21¢
D13574—Ceramic. Net 26¢



One Gang Condenser

New bar type cadmium plated frame and shields. Universal mounting. End plates 3 1/2" x 1 1/2" high. Heavy aluminum condenser plates. Low loss bakelite insulation.



1/4" shaft 1 1/2" long. Ball bearing races. Condenser closes to right as illustrated increasing capacity clockwise.

Stock Num.	Min. Mmf.	Cap. Mmf.	Plates
C8975	5	140	9
C8976	9	370	19
C8974	10	450	23

YOUR PRICE, **72¢**
Each.

Midget Condensers

For use in circuits where a small, variable capacity is needed. Fine quality. Excellent design and construction. 1/4" shaft, 1/2" long. Mounts in 3/8" hole, on panel up to 1/2" thick.

Stock Num.	Num. Plates	Ca. Mmf.	Cap. Mmf.	Your Price
C8977	3	15	3.5	34¢
C8978	5	30	3.8	37¢
C8979	9	60	5.0	43¢
C8980	12	80	6.0	46¢
C8983	20	140	8.0	57¢

Midget Trimmer

Extremely small; 3/8" x 1/4". Special treated alloy plates. Best mica dielectric. Capacity range 3 to 80 Mmf.

C8917—Ceramic. **8¢**
Base.
C8918—Bakelite. **6¢**
Base.

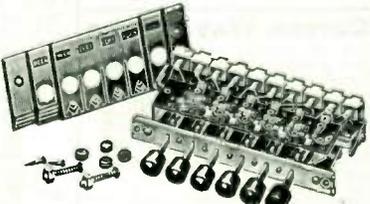
Panel Bearing Assembly

For mounting Condensers, Volume Controls, etc., away from panel. For 3/4" shafts.
D13570—3" Long. Net 18¢
D13571—6" Long. Net 24¢
D13572—Bearing only. Net 9¢

AUTOMATIC PUSH-BUTTON TUNERS

Push a button—there's your station—tuned in automatically and perfectly. No knob twisting, fiddling or waiting. Station is tuned in immediately as button is depressed. No motor is used. Tuner is not affected by receiver dial setting.

C10990—6 Push Buttons. List, \$5.30. **\$2.35**
YOUR PRICE..



A compact trimmer condenser unit for use with superhet receivers. Simple connections. Supplied complete with escutcheon, call letters, knobs and instructions.
C9680—Special antenna coil for use with above, required on radios having preselector stage using 3 gang condenser.
YOUR PRICE, Each. **55¢**

Single Section

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13518	MR50BS	50	030	\$1.68
C13519	MR105BS	105	030	1.83
C13520	MR150BS	150	030	1.89
C13521	MR200BS	200	030	1.98
C13522	MT35GS	35	070	2.10
C13523	MT60GS	50	070	2.34
C13524	MT100GS	100	070	2.94
C13525	MT150GS	150	070	3.60

Dual Section



Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13526	MR25BD	25	030	\$2.61
C13527	MR70BD	70	030	2.94
C13528	MR150BD	150	030	3.18
C13529	MR200BD	200	030	3.30
C13530	MT35GD	35	070	3.60
C13531	MT50GD	50	070	3.81
C13532	MT100GD	100	070	4.80

Air Gap Voltages	1000 Volts	1000 Volts	4250 Volts
030"	1000 Volts	.100"	4250 Volts
070"	3000 Volts	.171"	6000 Volts
084"	4200 Volts		

Ultra High Frequency Transmitting Condensers



For 5, 10 and 20 meter medium power transmitters and diathermy machines. Highly efficient low loss construction. For single hole panel or baseboard mounting. 1/4" Shaft.

U. H. F. Singles

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13533	NP50DS	50	084	\$2.10
C13534	NP75DS	75	084	2.46
C13535	NP100DS	100	084	2.82
C13536	NP150DS	150	084	3.66
C13537	NG35DS	35	171	3.12

U. H. F. Duals

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13538	NT50GD	50	070	\$3.60
C13539	NT35ND	35	084	3.60
C13540	NP35DD	35	084	3.21
C13541	NP50DD	50	084	3.60
C13542	NP75DD	75	084	4.32

.104" plates, buffed and polished.
.023" plates, buffed and polished.

H. F. Neutralizing Condensers

High frequency neutralizers for low capacity tubes. Mylex insulation. Heavy buffed plates with rounded edges. 180° Rotation.

Stock Num.	Mfg. Code	Cap. Mmf.	Air-gap	Your Price
C13543	NA4NS	4	Ad	\$2.16
C13544	NA6NS	6	218	2.16
C13545	NA10NS	11	218	2.70
C13546	NA16NS	18	218	3.00

REPLACE- MENT Coils For Every Service Need

Meissner Phono Oscillator Coil

With this coil and other components anyone can construct either a "wireless" or a direct-connected, phonograph oscillator to permit the reproduction of recordings through any radio set without altering the receiver. May be incorporated either in the receiver or with the record player. Tuning knob on top of coil makes it possible to tune the oscillator to any point in the Broadcast band which is clear of interference. Coil is thoroughly impregnated against moisture. Black crackle finished shield can, 1 1/2" sq. x 3 1/2" high. Complete instructions and diagram for building a "Wireless" record player included. **C9788—List, \$2.50. YOUR PRICE \$1.47**



Popular Coil Replacements

Exactly duplicate original coil. Wherever coil is complete with trimmers, shield etc. it is referred to as an assembly; otherwise coil only is furnished. * * * * * repair service listed below.

Receiver Model and Type Coil	Stock No.	Your Price
Apex-Gloritone-7A, 9, 19, 99-IF and Osc. Assem.	D9620	\$1.47
Claron-100, 220 IF & Osc. Assem. 2nd IF Coil	D9630 D9628	1.47 1.59
Crosley-(IF's shown above) 15, 20, 505, 5515 Antenna	D9586	.59
Type A 1st & 2nd 175 K IF. Fits can 1x1 1/2"	D9587	.59
Type B Output IF with brass stud and screw	D9588	.59
Fairbanks Morse-8A-RF	D9589	1.53
Grunow-11G, 1191, 11 BC Antenna Coil BC Det. (Litz Wire Type) D	D9590	.59
BC Det. (Solid Wire) BC Oscillator 12B, 12W, 1291, 1297 BC Antenna BC Det. (Litz Wire Type) D	D9591 D9592 D9593	.59 .59 .59
Motorola-5T-T1, T2, 5Y, 6A, 6T, 9X, 9R, 9A 2nd IF	D9596 D9597	.94 .41
Philco-38, 38A 1st IF RCA-80, 82, 86, RAE68 1st IF Coil (Pt 8567) 2nd IF Coil (Pt 8565) 3rd IF Coil (Pt 8566)	D9659 D9660 D9661	.53 .53 .53
Sentinel-72, 72AE, 73B 80B, 100X -BC Osc.	D9598	.59
Stewart-Warner R110-BC 1st Det. R193, 193-9 2nd IF	D9599 D9580	.59 .59

R. F. Chokes

Lattice Wound-Mounted
Small, compact, lattice wound coils using silk covered enameled wire. Units are wound to accurate inductance and have high R.F. impedance. Hole in center.



Stock No.	Milli-henries	Stock No.	Milli-henries
K9720	1 1/4	K9725	8
K9721	2 1/2	K9726	10
K9722	4	K9727	16
K9723	5 1/2		
K9724	6		

PRICE, EACH... **21¢**

Stock No.	Milli-henries	Stock No.	Milli-henries
K9729	60 mh.	K9730	80 mh.

PRICE, EACH... **38¢**

Insulex R. F. Choke



High Frequency
A9764—YOUR PRICE **14¢**
10 for \$1.25

Designed especially for high frequency receivers. Extremely low distributed capacity. For wire lead mounting or may be mounted in lead clips. 2.5 Millihenry inductance. 18 Ohms DC resistance. 150 Ma. current capacity.

R. F. Choke Coils



For Use on Any Wave Length

Unshielded coils have solder lugs securely anchored to ceramic form. Shielded coils are completely shielded in aluminum case 1 1/2" diam. 1 1/2" long. Insulated wire leads. Single mount screw projects 1/2".

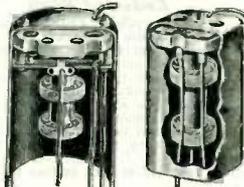
Unshielded		Shielded	
Stock Number	Milli-henries	Stock Number	Milli-henries
K9731	80	K9738	80
K9732	60	K9739	60
K9733	30	K9740	30

Your Price, Ea. **34¢** Your Price, Ea. **42¢**

Unshielded		Shielded	
Stock No.	Milli-henries	Stock No.	Milli-henries
K9734	10	K9741	10
K9735	5 1/2	K9742	5 1/2
K9736	3 1/2	K9743	3 1/2
K9737	2 1/2	K9744	2 1/2

Your Price, Ea. **24¢** Your Price, Ea. **32¢**

I. F. Transformers In Metal Shield with Double Tuning Condensers



For use as replacements or in new set design. Can be used in any combination required for the I. F. stages. The tuning condensers are of the mica compression type, on Isolantite bases and are adjustable from the top of the shield can. Leads are color coded. Diagram is furnished with each unit. Double Tuned.

I. F. Coils in Round Shield
Shield Size, 2 1/2" Dia., 3" High. Spade Bolt Mounting Centers 2 1/2"

Input	Output	Peak K. C.	Frequency Range
K9766	K9767	465	442-470
K9768	K9769	175	168-180

I. F. Coils in Square Shield
Shield Size 1 1/2" Square x 3 1/2" High Spade Bolt Mounting Centers 1 1/2"

Stock No.	Peak K. C.	Frequency Range
K9770	465	442-470
K9771	175	168-180

YOUR PRICE, Either Type, Each... **53¢**

Meissner Oscillator Coils

Will operate in all types of oscillator circuits. Covers the broadcast band of 190 to 530 meters (340-1780 Kc.) when used with 365 Mmf. tuning condenser. Careful design assures uniform oscillation over entire band. Thoroughly impregnated. Shielded coils are in cans 1 1/2" diameter x 1 1/2" high.



Shielded				
Stock Num.	I. F. Freq.	Use Padder	List Price	Your Price
C9753	175	900 mmf.	95¢	56¢ Each
C9754	456	350 mmf.		

Unshielded				
Stock Num.	I. F. Freq.	Use Padder	List Price	Your Price
C9755	175	900 mmf.		
C9756	262	646 mmf.	75¢	44¢ Each
C9796	370	500 mmf.		
C9797	456	350 mmf.		

Meissner I. F. Replacement

Used in midget and compact receivers. Has molded plastic trimmer base and supporting dowel. May be used to replace either input or output I. F. transformer. Double tuned for 456 Kc. Size, 1 1/2" x 1 1/2" x 1 1/2" High. **C9785—List, \$1.00. YOUR PRICE... 59¢**



Carron Wave Traps

Can be attached to any radio and adjusted for maximum efficiency in elimination of cross modulation, code interference, blanketing by powerful nearby stations, broad tuning and many other kinds of interference. Recrystallizer adjustment. Coil and trimmer housed in 1 1/2" x 1 1/2" shield can with ear lug mounting.

D9750	Covers 1609 to 1800 Kc.
D9751	Covers 1400 to 1600 Kc.
D9752	Covers 400 to 500 Kc.

List Price, 75¢. **YOUR PRICE, Each... 44¢**



New Triple Tuned I. F. Transformers



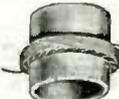
Greater High Fidelity with Increased Selectivity and Sensitivity.

456 Kc. **C9786—Input. C9787—Output. List Price, \$3.00. YOUR PRICE**

\$1.32
EACH

Greater High Fidelity reproduction without any sacrifice in sensitivity or selectivity. The selectivity curve has a flat top over practically the entire 10 Kc. range which permits reception over the complete audio range—no cutting of side bands yet positive 10 Kc. separation. One stage of Triple Tuned I. F. gives twice the selectivity of a Double Tuned stage. Triple plate windings are each individually tuned. Adjusting trimmers are at side of shield can. Frequency range variable from 360 to 480 Kc. Easy to install. Metal shield 2" square by 5" high. Spade bolt mounts. Diagram included.

Primary Replacement Windings



For Antenna or R. F. Coils

Slip over type high impedance silk covered enamel wire windings for replacing burned-out antenna and R. F. primaries. Defective primary section is removed from original coil and primary replacement coil slides in place.

Stock Numbers	Ant. 1.7 MH.	RF 3.5 MH.	Inside Dia.	Price Each
D9666	D9649	1 1/2"		
D9667	D9670	1 1/2"		
D9651	D9657	1 1/2"		
D9650	D9656	1 1/2"		
D9668	D9671	1 1/2"		
D9760	D9655	1 1/2"		
D9759	D9654	1 1/2"		
D9758	D9653	1 1/2"		
D9669	D9672	1 1/2"		
D9657	D9652	1 1/2"		

12¢

Dowel Type Windings



Fit inside coil form. Partly adapted for use where the "slip-over" type cannot be used. 1.7 MH Antenna winding for use with sets having a regular antenna; 2.25 MH for sets with a short "hank" or AC-DC antenna.

Antenna Type				
1.7 MH Stock Num.	Coil Dia. x Lgth.	Dowel	2.25 MH Stock Num.	
C9600	1/2 x 1 1/2"		C9603	
C9601	3/4 x 1 1/2"		C9604	
C9602	1 x 1 1/2"		C9605	

R. F. Type
C9606—1/2" dia. x 1 1/2" long. 3.5 MH
C9607—3/4" dia. x 1 1/2" long. 7.5 MH
C9608—1" dia. x 1 1/2" long. 7.5 MH
YOUR PRICE, Each... **15¢**
*Must be shunted with a 15 or 20 mmf. condenser for best performance.

Replacement I. F. Windings
Designed particularly for replacement use in small cheap midget sets to help hold down repair costs. Adjustable coupling. Center tap on secondary winding may be disregarded when not needed.

Stock Num.	IF Freq.	Type IF	Your Price
D9681	456	Input	35¢
D9682	456	Output CT*	
D9683	262	Input	
D9684	175	Input	

Coil Repair and Renewal Service



Antenna, R. F., I. F., and Oscillator Coils Guaranteed Performance

In practically every instance the defective coil will be checked against and rebuilt according to the original manufacturer's specifications. This special engineering service insures receiving an exact duplicate of the original. We guarantee that the remanufactured coil will be returned to you in perfect working condition and with electrical characteristics exactly like the original. Most remanufactured coils will give performance far superior to the original.

Price List

R. F. Antenna and single section I. F. coils.
KX11959—YOUR PRICE... \$1.45

Double Section I. F. Coils
KX11960—YOUR PRICE... \$1.75

Combination Oscillator and I. F. Coils (Composite).
KX11961—YOUR PRICE... \$1.95

Send Defective Coil And Requested Information
Send original defective coil with following information: Receiver name and model, state bands covered, number and types of tubes used, number of sections in gang condenser. If coil is shielded include shield. If the coil you send is identified as a regularly stocked item we will immediately ship an exact duplicate at the lowest dealer price.

Meissner Coils For Replacement and New Set Construction Carron Coils

Meissner Replacement Coils

Plastic I. F. Transformers

A compact high quality double tuned I.F. of a new type construction that is not affected by temperature or humidity. Windings are thoroughly impregnated with special loss compound. Dovel and trimmer bases are of molded plastic. New type "floating" trimmer construction practically eliminates drift. May be peaked at any point within exceptionally wide frequency range. Aluminum can size 1 1/2" square x 2 1/2" high. Mtg. Ctrs. 1 1/2".

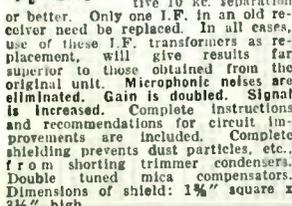


Stock Number		Inter Stage	Peak Kc.	Freq. Range
In put	Out put			
C9613	C9617	C9638	175	140-200
C9614	C9618	C9639	262	200-310
C9615	C9619	C9640	370	300-350
C9616	C9637	C9642	456	400-550

YOUR PRICE, Each **59c**

Iron Core Ferrocart I.F. Transformer

Provides improved performance. Lateral coil windings on an iron core of microscopically fine particles. Individually insulated, have reduced core and winding losses to a minimum. Gain is twice that of the air core types. Selectivity is so improved that receiver having normally poor separation can be converted into receivers having positive 10 kc. separation or better. Only one I.F. in an old receiver need be replaced. In all cases, use of these I.F. transformers as replacement, will give results far superior to those obtained from the original unit. Microphonic noises are eliminated. Gain is doubled. Signal is increased. Complete instructions and recommendations for circuit improvements are included. Complete shielding prevents dust particles, etc. from shorting trimmer condensers. Double tuned mica compensators. Dimensions of shield: 1 1/2" square x 3 1/2" high.



With Mica Tuned Trimmers

Stock Num.	Freq. K. C.	Operating Extremes	Position In Set
K9690	175	127-206	Input
K9691	175	144-320	In-stage
K9692	175	127-206	Output
K9694	456	360-600	Input
K9695	456	360-600	In-stage
K9696	456	360-600	Output
K9697	456	360-600	Output C.T.
K9688	1500	1050-2000	Imp-Instage
K9689	1500	1050-2000	Output

List Price, \$2.00.
YOUR PRICE, EACH ... **\$1.18**

We can supply any Meissner product at usual discounts. Send us your order. Shipment will be made promptly.



New Instruction Manual
168 pages of invaluable information and data for Servicemen, Amateurs, Experimenters and Custom Set Builders. Includes technical data — detailed wiring instructions — pictorial diagrams — schematics — alignment data — operating instructions and a host of new and up-

Compact High Impedance Antenna and R.F. Coils

A new series of compact high impedance (1000 ohms) variable broadcast band 190-550 meters when used with a .000365 mfd. (.00035) variable condenser. We recommend that a complete set of coils be replaced in a receiver in order to obtain maximum efficiency. Coils are precision machine wound and use the best of materials. Thoroughly impregnated and impervious to moisture. Will efficiently replace the broadcast band coils of practically any receiver. Compact size allows use of these coils in even the smallest set.

These coils can be readily substituted for the old Type Enamel Wire Wound (coils) and will furnish approximately 20 per cent higher gain and increased selectivity over the broadcast band. (coils are wound on 3/8" dia. forms 1 1/2" long.)

Shielded Type
Shield Size 1 1/2" Diameter x 2" High. Spaced Bolt Mounting Centers 1 3/4".
C9774—Antenna Coil
C9775—R. F. Coil
YOUR PRICE, Each..... **35c**

Unshielded Type
C9778—Antenna Coil
C9779—R. F. Coil
YOUR PRICE, Each..... **26c**

Adjustable Inductance Iron Core Ant. & R.F. Coils

An ideal replacement for coils in practically any broadcast receiver. Eliminates hard-to-get exact duplicates as these coils can be adjusted to accurately track with other coils in receiver. Size, 1 1/2" x 2 1/2". Mtg. Ctrs. 1 1/2".

Stock Number	Type Coil	List Price	Your Price
C9714	Antenna		\$1.18
C9715	Radio Freq. Oscillator	\$2.00	Each
C9717			Each
C9761	Antenna		73c
C9762	Radio Frequency Oscillator	\$1.25	Each
C9763			Each

Iron Core Ant. & R.F. Coils

New iron core antenna and R.F. coils for use as replacements and for modernization of old radios. The higher gain and increased selectivity of these coils will improve broadcast reception. Iron core and lateral windings on these coils produce a very compact unit.

Designed to cover the broadcast band with a .000365 Mfd. (.350 to 370 Mmfd.) condenser. Size 1 1/2" square x 2 1/2" high. Mtg. Ctrs. Complete instructions and recommendations for improving old radios are included. High impedance type.

Stock Number	Type Coil	List Price	Your Price
K9740	Antenna		\$1.03
A9745	Inter. R.F.	\$1.75	Each
K9742	Det. R.F.		Each

to-the-minute information on radio. Sixteen pages are devoted to a discussion of the principles of Television, of modern coil design, how to select proper coils for many purposes, design factors governing their use, how to locate and remedy trouble in them, etc. Contains detailed building and operating instructions, with pictorial and schematic diagrams, for every unit in the entire line of Meissner kits.
C12541
YOUR PRICE **49c**

Carron Replacement Coils

Standard Antenna and RF Coils

For TRF or Superhet Circuits

Universal progressively wound Litz wire secondaries provide greater compactness and lower capacity. High impedance primaries result in uniform gain over entire broadcast band. Polystyrene impregnated forms withstand high heat and humidity. Coil form size 3/8" dia., 2 1/2" long. 1750-550 Kc type are for use with 410 Mmfd. tuning condenser; 1550-540 Kc type for 360 Mmfd. condenser.

Unshielded Coils

Stock Num.	Type Coil	Tuning Range	List Price	Your Price
D9509	Antenna	1750-550	65c	32c Each
D9510	RF	1750-550	55c	
D9511	Antenna	1550-540	55c	
D9512	RF	1550-540	55c	

Shielded Coils
Shield can size, 1 1/2" dia., 2 1/2" high. With spaced bolt mounting.

Stock Num.	Type Coil	Tuning Range	List Price	Your Price
D9513	Antenna	1750-550	65c	38c Each
D9514	RF	1750-550	65c	
D9515	Antenna	1550-540	65c	
D9516	RF	1550-540	65c	

Midget Antenna and RF Coils

Best quality. Furnished in broadcast type covering 1550-540 Kc. with 360 Mmfd. tuning condenser and also broadcast type with tap to cover police broadcasts. Universal progressive Litz wire wound secondary with high impedance primaries. Polystyrene impregnated 1/2"x1 1/2" coil forms.

Unshielded Type

Stock Num.	Type Coil	List Price	Your Price
D9517	Antenna	55c	32c
D9519	RF	55c	

With Tap for Police Broadcasts

Stock Num.	Type Coil	List Price	Your Price
D9520	Antenna	60c	35c
D9521	RF	60c	

Shielded Type without Tap
Shield can size, 1 1/2"x1 1/2" high.

Stock Num.	Type Coil	List Price	Your Price
D9523	Antenna	65c	38c
D9524	RF	65c	

Pee-Wee Coils

D9525—Antenna.
D9526—RF Coil.
List Price, 50c.
YOUR PRICE, Each..... **29c**

Universal progressive secondary windings of Litz wire and high impedance primaries result in exceptionally compact, high gain coils. Wound on 1/2"x1 1/2" polystyrene treated forms. Coils cover 1550-540 Kc with 360 mmd. tuning condenser.

Oscillator Coils

Wound on ceramic form and fully impregnated. 1750-550 Kc type usually employs a 410 Mmfd. condenser in RF stages. 1550-540 type use 365 Mmfd. condenser in RF.

Stock Num.	IF Freq.	Tuning Range	List Price	Your Price
D9527	455/6	1550-540	65c	38c Each
D9528	455/6	1750-550	65c	
D9529	262	1550-540	65c	
D9530	175	1550-540	65c	

Standard IF Transformer

Designed for general replacement and new set construction. Coils are wound on polystyrene impregnated dowels with finest silk insulated wire. Litz wire is used on the 455/6 Kc IF's. All coils feature dehydrated - flash dipped windings, lead spacers to prevent loss of gain and instability. Insulated can liners assure freedom from shorts or leakage. Standard spaced bolt mounting. Can size 1 3/4"x1 3/4".



Stock Num.	IF Freq.	Position In Set
D9531	455/6 Kc.	Input
D9533	455/6	Interstage
D9534	455/6	Output
D9535	455/6	Center Tapped Output
D9537	262 Kc.	Input/Interstage
D9538	262	Output
D9539	175	Input/Interstage
D9546	175	Output

List Price, \$1.25.
YOUR PRICE, Each..... **73c**

Special Auto Radio IF Transformers

Similar in appearance to above coils. Polystyrene treated to withstand high temperature conditions usually encountered in auto radio sets. Can size 1 1/2"x1 1/2".

Stock Num.	IF Freq.	Position In Set
D9547	455/6	Input
D9548	455/6	Output
D9549	262	Input
D9550	262	Output

List Price, \$1.25.
YOUR PRICE, Each..... **73c**

Frequency Modulation IF Transformers

Construct your own FM receiver around these IF coils. Receiver circuit diagram is included with data on winding your own RF and oscillator coils. These transformers operate at 4300 Kc. for minimum image interference. Circuits are resistance loaded so that a flatter response curve results. This reduces transient effects caused by the rapidly changing frequency and also provides a wide acceptance band at the nose of the curve. Shield can, size 1 1/2"x1 1/2"x2 1/2" high.



Stock Num.	Type	List Price	Your Price
D9551	1st I.F.	\$1.65	97c
D9552	2nd I.F.	1.65	
D9553	3rd I.F.	1.65	
D9554	Discriminator	1.75	

Low Loss Discriminator

Low loss discriminator for use with above IF's. Recommended where high stability of operation over a long period of time is essential. Incorporates air tuned secondary, ceramic forms, silver mica coupling condenser, and DC return choke. Size 2x3x2 1/2".
D9557—List Price, \$4.00
YOUR PRICE **\$235**

Pre-Selector Coil Unshielded Type

Improved construction. Meets 80% of pre-selector coil service requirements. Tunes 1750 to 550 Kc with 410 Mfd. tuning condenser. 3 Pie-wound coils on 1/2"x1 1/2" dowel. Single screw mounting. Fully impregnated against moisture absorption.
D9558—List Price, \$1.00.
YOUR PRICE **59c**



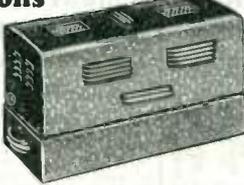
CABINETS CHASSIS BASES and PANELS

Streamlined Amplifier Foundations

Chassis base with shield.

Beautiful foundations for P.A. amplifiers, speech amplifiers and similar apparatus.

Beautiful marine gray wrinkle finish with chrome trim. Chrome plated ventilators in front. Sturdy handles at sides of base. Screened ventilators at top. No bottom plates included.



Stock Number	Size Inches W x D x H	Chassis Base	Your Price
D17993	10x5½x9	3" High	\$2.65
D17994	12x8 x9	3" High	3.50
D17995	17x7 x9	3" High	3.50
D17996	14x10 x9	3" High	3.82
D17997	17x10 x9	3" High	4.09

Standard Foundations

Chassis Base with Shield

Similar to above except does not have chrome trim. Well adapted for permanent installations and for use in carrying cases. Plenty of ventilation. Screened openings in top.



Marine gray wrinkle finish. No bottom plates included.

Stock Number	Size Inches W x D x H	Chassis Base	Your Price
D17900	10x5½x9	3" High	\$1.50
D17901	12x8 x9	3" High	2.21
D17902	17x7 x9	3" High	2.21
D17903	14x10 x9	3" High	2.50
D17998	17x10 x9	3" High	2.65

General Utility Cabinets

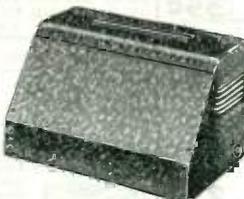


Sturdy steel cabinets suitable for input stages, mixers, transformers, amplifiers, monitors, etc. Removable front and back covers held in place by self-tapping screws. Finished in black wrinkle enamel. No chassis base included.

Stock Number	Size LxDxH	Your Price	Stock Number	Size LxDxH	Your Price
C17964	4x2x4	\$0.53	C17968	10x 8x 7	\$1.32
C17965	4x3x5	.59	C17969	10x 8x10	1.62
C17966	6x6x6	.68	C17970	12x11x 8	1.76
C17967	9x5x6	1.03			

Sloping Panel Cabinets

An all purpose cabinet with large removable sloping panel. Rear of cabinet has louvred ventilators with opening for cables. Sides have chrome trimmed ventilators. Marine gray wrinkle finish with chrome trim. No chassis base included.



Stock Number	Size L x D x H	Takes Chassis Size	Your Price
D17888	8x8 x8	7x7 x2"	\$2.79
D17889	10x8 x8	9x7 x2"	2.94
D17890	14x8 x8	13x7 x2"	3.23
D17891	18x12x12	17x10x3	5.14

Metal Speaker Cabinets

Sturdy metal cabinet attractively finished in marine gray wrinkle enamel with chrome trim and carrying handle. Modern steel speaker grille. Supplied with well ventilated back covers.



Stock Num.	Size W x H x D	Hole Size	For Spkr.	Your Price
D17850	10x10x6"	4½"	6"	\$3.09
D17852	12x12x7"	6½"	8"	3.82
D17864	14x14x8"	9"	10"	5.00
D17865	16x16x8"	11"	12"	6.47

Panels for All Radio Purposes

Aluminum Panels. Commercially pure, hard tempered, in natural bright polished finish. Bakelite Panels. Best grade, easily machined without chipping. Polished black finish. Hard Rubber Panels. Can be drilled or cut without chipping. Polished black finish. Masonite Panels are made of tough non-magnetic material. Can be easily cut and drilled with wood working tools. Polished black finish. Will not warp.

Aluminum		Hard Rub.		Bakelite		Masonite		
Stock Num.	Your Price							
C11290	\$0.39	C11320	\$0.69	7x10	C11305	\$0.59	C11309	\$0.78
C11291	.49	C11321	.82	7x12	C11306	.75	C11310	.99
C11292	.58	C11322	.98	7x14	C11304	.89	C11311	1.14
C11293	.70	C11323	1.22	7x18	C11308	1.15	C11312	1.39
C11295	.94	C11325	1.58	7x24			C11314	1.84
C11296	1.23	C11327	1.98	7x30			C11299	2.24



Special Size Panels
We can supply panels in any size. Prices: 3/4" Aluminum Panels, 1c per square inch. 1/2" Bakelite, 1 1/2c per square inch. 3/8" Bakelite, 1 3/4c per square inch. Minimum order 75c.

Heavy Duty Chassis and Bottom Plates

Steel Chassis			Bottom Plates			
Black Stock Num.	Cadmium Stock Num.	Your Price	Size Inches W x L x H	Black Stock Num.	Cadmium Stock Num.	Your Price
D18400	D18415	\$0.39	4½x 8½x1½	D18430	D18445	\$0.26
D18401	D18416	.40	5 x 9½x3	D18430	D18445	.26
D18402	D18417	.40	7 x 7 x2	D17880	D17892	.33
D17851	D17866	.45	7 x 9 x2	D17881	D17893	.38
D17853	D17868	.50	7 x11 x2			
D17856	D17871	.55	7 x12 x3	D17883	D17895	.41
D17858	D17873	.57	7 x13 x2	D17885	D17897	.47
D17860	D17875	.70	7 x17 x3	D17887	D17899	.47
D17861	D17876	.72	8 x17 x2	D18432	D18447	.47
D18405	D18420	.79	8 x17 x3	D18432	D18447	.47
D17855	D17870	.66	10 x11 x2½	D17882	D17894	.47
D17857	D17872	.68	10 x12 x3	D17884	D17896	.47
D17859	D17874	.73	10 x14 x3	D17886	D17898	.50
D17862	D17877	.80	10 x17 x3	D18434	D18449	.59
D18407	D18422	.85	10 x17 x4	D18434	D18449	.59
D18408	D18423	.90	10 x23 x3	D18437	D18452	.79
D18410	D18425	.95	11 x17 x3	D18438	D18453	.59
D18413	D18428	1.11	13 x17 x2	D18442	D18457	.73
D18414	D18429	1.25	13 x17 x4	D18442	D18457	.73



One piece chassis and bottom plates made of 18 gauge steel. Suitable for rack or cabinet use. Supplied in cadmium and baked black wrinkle finish. Chassis have 1/2" flange on bottom folded inward for additional strength and drilled for attaching of bottom plates. Raised bosses on bottom plates.

Steel Chassis Bases

Bases are made of lead coated, heavy and substantial auto-body steel. Easy to solder. Open on bottom, enclosed top and sides.



Stock Number	Size L x W x H	Your Price
D15855	9x 7x2"	\$0.36
D15858	12x10x3	.51
D15856	13x 7x2	.46
D15859	17x10x3	.61
D15860	23x10x3	.69

Hinged Covered Cabinets

For test equipment, oscillators, small transmitter, amplifiers, etc. Made of steel, finished in black crystallized lacquer. Hinged lid. Front, back or bottom can be removed separately. Shipped knocked down. No chassis included.



Stock Number	Size Inches L x W x H	Takes Chassis L x W x H	Your Price
A17917	9 x 5 x 6	8½x4½x1½"	\$1.45
A17918	10 x 8 x 7	9"x7"x2"	1.85
A17919	10 x 8 x 10	9"x7"x2"	2.00
A17920	12 x 8 x 7	11"x7"x2"	2.13
A17921	12 x 11 x 8	11"x10"x2½"	2.43
A17922	14 x 8 x 7	13"x7"x2"	2.35
A17923	18 x 12 x 9	17"x10"x3"	3.42

Portable Steel Cabinets

For transceivers, test equipment, etc. Front and back are removable. Leather handle. Black wrinkle finished steel. Fully enclosed.



A 17924—Size, 12x7½x7". List, \$2.85. **YOUR PRICE... \$1.53**

A 17925—Size, 15x7½x7". List, \$3.75. **YOUR PRICE... \$1.88**

Chassis for Above
A 17926—Size, 7½x6x2½". List, 50c. **YOUR PRICE... 27c**

Relay Rack Panels



Standard amateur relay rack panels slotted to fit any 19" relay rack having holes at 1/2" centers. Available in either black or gray wrinkle finish. Steel panels 1/4" thick. Masonite panels 3/8" thick. All panels 19" wide.

Black Steel Stock Number	Gray Steel Stock Number	Your Price	Size In.	Black Masonite Stock Number	Your Price
C17822	C17834	\$0.42	1 1/2"	C17927	\$0.33
C17823	C17835	.46	3 1/2"	C17928	.41
C17824	C17836	.50	5 1/2"	C17929	.56
C17825	C17837	.55	7"	C17930	.62
C17826	C17838	.59	8 1/2"	C17931	.73
C17827	C17839	.73	10 1/2"	C17932	.85
C17828	C17840	.82	12 1/2"	C17933	.97
C17829	C17841	.95	14 1/2"	C17934	1.05
C17830	C17842	1.10	15 1/2"	C17935	1.23
C17831	C17843	1.45	17 1/2"	C17936	1.38
C17832	C17844	1.75	19 1/2"	C17937	1.53
C17833	C17845	2.00	21"	C17938	1.68

Plain Steel Panels

Black wrinkle finish steel panels for use with metal cabinets and chassis. 1/4" Thick. Not drilled or slotted.

Stock Num.	Size	Your Price	Stock Num.	Size	Your Price
C18460	7x10"	\$0.33	C18467	8x16"	\$0.53
C18461	7x12"	.38	C18468	8x18"	.59
C18462	7x14"	.44	C18469	8x21"	.77
C18463	7x18"	.49	C18470	8x24"	.97
C18464	7x21"	.77	C18471	10x14"	.82
C18465	8x12"	.44	C18472	10x18"	.91
C18466	8x14"	.47	C18473	10x24"	1.18

Chrome Trim Plates

Two-tone satin and polished chrome striped decorating plates for improving the appearance of chassis, cabinets, etc.

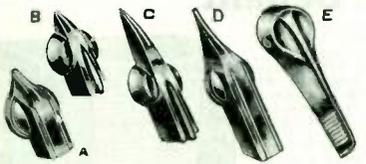
Stock Num.	Size WxL	Your Price	Stock Num.	Size WxL	Your Price
D18482	3x10"	38c	D18479	3x23"	88c
D18483	3x12"	44c	D18480	4x14"	71c
D18477	3x14"	53c	D18481	4x17"	88c
D18478	3x17"	64c			

Rack Screws and Washers

Nickel plated, oral head brass screws and cup washers for rack and panel use. Screw size, 1/4" long. C 1876—Per set of 12 screws and 12 washers. **YOUR PRICE... 10c**
Per gross sets (288 Pc.)... \$1.08



Bakelite Bar Knobs



New streamlined design. 2" Bar knobs have slightly shorter tail than the 2 1/2" knobs. *Made of Pliskon, Metal Insert and Pointer.

Stock Number	Type	Color	Size	Your Price	Ten For
C11375	A	Black	1 1/2"	4c	35c
C11373	A	Red	1 1/2"	7c	65c
C10952	A	Green*	1 1/2"	8c	75c
C10953	A	Yellow*	1 1/2"	8c	75c
C10955	A	Blue*	1 1/2"	8c	75c
C10950	B	Black	1 1/2"	5c	40c
C10984	B	Walnut	1 1/2"	6c	55c
C10951	B	Ivory*	1 1/2"	8c	75c
C10956	C	Black	2 1/4"	6c	45c
C10985	C	Walnut	2 1/4"	7c	60c
C11377	D	Black	2 1/4"	6c	45c
C11374	D	Red	2 1/4"	8c	75c
C10900	E	Black	1 1/2"	6c	45c
C10901	E	Black†	1 1/2"	10c	92c
C10902	E	Black	2 1/2"	8c	75c
C10903	E	Black†	2 1/2"	10c	95c

Walnut Knobs

Finest Quality. Rich Looking

Turned out of solid end cut genuine Walnut. All one piece. Finely finished. Solid brass, bushing with set screw. Fit 1/4" shafts including those with flattened side for push-on knobs.



Stock Number	Type	Size Dia. x Ht.	YOUR PRICE
A11393	A	1" x 3/4"	8c Each Ten for 70c Per Hundred \$6.75
A11392	A	1 1/2" x 3/4"	
A11391	B	2" x 3/4"	
A11390	B	2 1/2" x 3/4"	
A11395	C	3/4" x 3/4"	Knobs may be Assorted
A11394	C	1 1/4" x 3/4"	
A11397	D	2" x 3/4"	
A11396	D	2 1/2" x 3/4"	
A11389	E	1 1/4" x 3/4"	Knobs may be Assorted
A11388	E	1 1/2" x 3/4"	
A11387	E	1 3/4" x 3/4"	
A11386	E	2" x 3/4"	

Bakelite Knobs



Stock Num.	Type	Color	Size In. D x W	Your Price	Ten For
C11382	A	Walnut	1" x 1 1/2"	6c	45c
C11431	B	Walnut	1 1/2" x 1 1/2"	8c	40c
C10960	B	Black	1 1/2" x 1 1/2"	5c	40c
C11432	C	Walnut	1 1/2" x 1 1/2"	5c	40c
C10961	C	Black	1 1/2" x 1 1/2"	5c	40c
C10962	C	Ivory	1 1/2" x 1 1/2"	6c	45c
C10963	C	Walnut	1 1/2" x 1 1/2"	6c	45c
C11385	D	Walnut	1 1/2" x 1 1/2"	6c	45c



Stock Num.	Type	Color	Size In. D x W	Your Price	Ten For
C10974	E	Walnut	1 1/2" x 1 1/2"	7c	65c
C10975	E	Walnut	1 1/2" x 1 1/2"	8c	75c
C10982	F	Walnut	1" x 1 1/2"	7c	65c
C10983	F	Black	1" x 1 1/2"	7c	65c
C11380	G	Walnut	1" x 1 1/2"	8c	75c
C11379	G	Walnut	1 1/2" x 1 1/2"	8c	75c
C11378	H	Black	1 1/2" x 1 1/2"	7c	65c
C11381	H	Black	1 1/2" x 1 1/2"	9c	85c

All knobs fit 1/4" shaft. Set Screws Included.

Instrument Dials

With Marker

Chrome-silver finished dial plates with attractive black engraved numerals. Calibrated 0-100. Heavy black bakelite finger grip knob is attached to plate. Vernier marker mounts on panel and accurately indicates dial setting. Knob fits 1/4" shafts. Ideal for test instruments, radios, transmitters, etc.

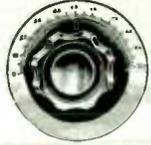


2 1/2" Dial
A11061-180 Deg. A11062-325 Deg.
YOUR PRICE, EA. **73c**

4" Dial
A11063-180 Deg. A11064-325 Deg.
YOUR PRICE, EA. **\$1.03**

Dial Plates and Flange Knobs

Chrome silver dial plates with accurately engraved black numerals. Calibrated 0-100 over either 180 or 325 degrees. Black bakelite flange type knobs have white indicating line and are knurled for positive grip. Knobs fit 1/4" shaft. Plate remains stationary.



Dial Plates Only	Dec.	Dial Dia.	Your Price	Use Flange Knob	Knob Dia.	Your Price
C11072	180	2"	27c	Use 1 1/4" bar knob or knob below.		
C11073	325	2"	27c			
C11074	180	3 1/4"	45c	C11080	2 1/4"	28c
C11077	325	3 1/4"	45c	C11080	2 1/4"	28c
C11078	180	4"	54c	C11081	3"	35c
C11079	325	4"	54c	C11081	3"	35c

Finger Grip Pointer Knobs

Black bakelite knobs for use on instrument, transmitter or receiver panels. Pointer type knobs particularly adapted for use with above dial plates. Fit 1/4" shafts.



With Pointer	Your Price	Fits Plate	Dia.	Less Pointer	Your Price
C11082	23c	2"	1 1/4"	C11134	16c
C11132	28c	2 1/2"	1 1/4"	C11135	22c
C11133	34c	3 1/2"	2 1/4"	C11138	27c

Gordon Hand Wheels

With Scale and Pointer

Improves the appearance of any control panel. Black bakelite wheel has white pointer and fits 1/4" shafts. Etched heavy gauge brass dial scale has black anodized background. All scale readings are 0-100 over 180° arc except (*) which is 270° arc.

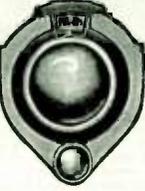


Stock Num.	Wheel Dia.	Scale Length.	Your Price
D13575	3 1/4"	5 1/4"	\$1.12
D13576	2 1/2"	3 3/4"	.94
D13577	1 1/2"	2 1/4"	.73
D13578	1 1/2"	2 1/4"	.67
D13579	1 1/2"	2 1/4"	.53

Stock Num.	Size	Dial Scale	Your Price
D13580	3 1/4" Dia. with Pointer		\$0.82
D13581	3 1/4" Dia. less Pointer		.76
D13582	2 1/4" Dia. with Pointer		.70
D13583	2 1/4" Dia. less Pointer		.64

Bakelite Vernier Dials

Unexcelled for short wave receivers, test instruments, etc. Made of polished black bakelite. Easy to mount. Smooth operation with no backlash and no gears to strip. Transparent scale type suitable for rear illumination. Universally calibrated 0-100-0 for 180 degree clockwise or counter clockwise rotation. Fit 1/4" shafts.



Stock Number	Size	Dial Scale	Your Price
C10608	3"	Plain	38c
C10668	3"	Transparent	50c
C10629	4"	Plain	45c
C10669	4"	Transparent	62c

Crowe Etched Name Plates



YOUR PRICE Each... **6c**
Improves appearance of any control panel. Anodized aluminum finish, silvery white background with black letters. Size 3/4" x 1 1/4". Complete with self tapping screws.

Stock Num.	Markings	Stock Num.	Markings
C13350	AC Voltage	C13377	Ground
C13361	Amplifier	C13378	Input
C13362	Antenna	C13379	Key
C13350	Antenna Tuning	C13380	Microphone
C13351	Beam Antenna	C13381	On-Off
C13363	Beat Osc.	C13382	Oscillator
C13352	Bias Voltage	C13383	Output
C13364	Buffer	C13384	Phone-CW
C13365	1st Buffer Grid	C13385	Plate Current
C13366	2nd Buffer Grid	C13387	Power
C13367	3rd Buffer Grid	C13388	Phone-CW
C13368	1st Buffer Plate	C13389	Record
C13369	2nd Buffer Plate	C13388	Receive
C13370	3rd Buffer Plate	C13389	Record
C13371	Class A Modulator	C13398	Screen Current
C13372	Class B Modulator	C13390	Selector
C13353	Coupling	C13391	Send
C13354	Crystal	C13392	Speaker
C13373	Crystal Osc. Grid	C13393	Transmitter
C13374	Crystal Osc. Plate	C13394	Tone
C13375	DC Voltage	C13395	Volume
C13376	Fader	C13396	500 O. Input
C13355	Grid Current	C13397	500 O. Output

1" Round Name Plates

Has 7/8" hole for jacks or switches. Made of brass with raised nickel plated letters and etched black satin finish background. **9c** Each
C13357-Marked "Microphone"
C13358-Marked "Phono"
C13359-Marked "On-Off" Ten for 81c

Vernier Dial

Attractive vernier dial for test instruments, short-wave radios, etc. 5 to 1 Vernier ratio friction type drive. Transparent marker. Brightly finished brass dial plate has deeply etched black numerals marked 0-100 in 180°. Less knob. C10627-2 1/2" Dia. Dial. YOUR PRICE **73c**
C1063-4" Dia. Dial. **\$1.03**
YOUR PRICE



Indicating Plates

Etched Aluminum

Heavy 24 gauge plates with Black Background - Polished Aluminum Raised - Markings. For use with 1 1/4" pointer knob. All have "off" in lower left hand corner except (*). YOUR PRICE, Any Type Below, Each **10c**
Size 1-15/16" Wide x 2-1/16" High



Stock Num.	Working at Top of Plate	Working at Bot. of Plate
D10670	Microphone	Volume Control
D10673	Phono-Radio	Volume Control
D10675	Master Tone Control	Power Switch
D10676	Microphone	Current Control
D10679	Tone Control	Power Switch Supply
D10680	Power	

Stock Num.	Working at Top of Plate	Working at Bot. of Plate
D10690	Microphone	Volume Control
D10691	Phonograph	Volume Control
D10693	Tone Control*	Treble
D10694	Tone Control*	Power Switch
D10695	Tone Control	
D10696	Expansion	A. V. E.
D10697	Compression	A. V. C.
D10698	Volume Indicator	
D10699	Monitor Volume	

Switch Plates

YOUR PRICE, Any Type Below, Each... **8c**
Match above indicating plates.
D10689-PHONO-RADIO for Toggle Switch.
D10700-ON-OFF for Toggle Switch.
D10701-ON-OFF for Midset Slide Switch.
D10702-ON-OFF for Midset Slide Switch.

Planetary Vernier Drive Unit

D13585-Dual ratio, 7 to 1 vernier and 1 to 1 direct. Each drive has separate knob. Unit mounts on control shaft behind panel. Drive shaft projects thru panel. YOUR PRICE **\$1.32**
D13586-Black bakelite knobs for above, per pair. YOUR PRICE **12c**



Hallcrafters RECEIVERS

The New Model SX-24 Skyrider Defiant



A nine tube communication receiver tuning from 540 Kc. to 43.5 mc. in four bands, (540 to 1730 Kc., 1.7 to 5.1 mc., 5 to 15.7 mc., 15.2 to 43.5 Mc.) that offers the amateur many ingenious features and performance found only in higher priced Hallcrafters receivers. The band spread dial is accurately calibrated directly in frequencies for the amateur bands and indicates the exact frequency of the received signal, performing as a high quality frequency meter. The main tuning dial is also directly calibrated and both are translucent illuminated. The "S" meter is very sensitive and is calibrated in both S units and DB's. Selectivity is variable over a wide range in six steps providing for all practical requirements of phone or C.W. from single signal razor sharpness to broad tuned I.F. A double balance bridge circuit using a Brillix crystal in a new Hallcrafters low capacity holder rejects unwanted signals even when extremely close to the desired fre-

quency. A new type noise limiter is built in reducing man made interference to a low level on the ultra high frequency bands. Frequency stability is especially high, variations in line voltage cause practically no change in the oscillator frequency. Terminals are also provided on the rear of the chassis for connection to a stand-by relay for break-in operation. 12 Controls on panel as follows: R.F. Gain, Band Switch, Selectivity Switch, Crystal Phasing, Audio Gain, Pitch Control, Main Tuning Control, Bandspread Tuning Control, Tone Control Switch, Automatic Noise Limiter Switch, Send-Receive Switch and BFO Switch. Uses 9 Tubes: 3-6BK7, 1-6K8, 1-6SQ7, 1-6F6G, 1-7B, 1-6B6, and 1-80. Operates on 110-120 volt 50-60 cycle AC current. For battery operation use inverter on page 78. Size of cabinet: 19 1/2" x 23 1/2" x 10 1/4"



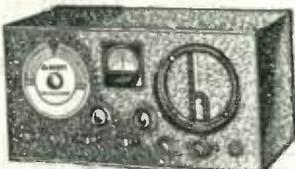
C18024—Hallcrafters Model SX24 Skyrider Defiant. Complete with tubes and crystal but less speaker. Wt., 56 lbs. **\$695.00**

C18039—Same as above except with 10" PM Dynamic speaker and cabinet as pictured above. Wt., 73 lbs. **\$815.00**

tuning dial is also directly calibrated and both are translucent illuminated. The "S" meter is very sensitive and is calibrated in both S units and DB's. Selectivity is variable over a wide range in six steps providing for all practical requirements of phone or C.W. from single signal razor sharpness to broad tuned I.F. A double balance bridge circuit using a Brillix crystal in a new Hallcrafters low capacity holder rejects unwanted signals even when extremely close to the desired fre-

Model S-19R Sky Buddy

- 6 Tubes. • 4 Bands with Complete Coverage from 44 Mc. to 545 Kc.
- Phone Jack. • Send-Receive Switch.
- Separate Band Spread Dial. • Beat Frequency Oscillator. • Pitch Control.
- Built-in Speaker.



C18010—The Sky Buddy Model S-19R, including built in Speaker and Tubes. **YOUR CASH PRICE..... \$295.00**
Or \$5.90 down and \$2.26 monthly for 12 months.

The new Hallcrafters Sky Buddy covers everything on the air from 44 Mc. to 545 Kc., including the 10, 20, 40, 80 and 160 meter amateur bands. Has sensitivity and selectivity usually found only on communications receivers selling at many times its modest price. Has AF Gain Control; Band Switch; Combined AVC and Beat Oscillator Switch; Phone Jack, Send-Receive Switch; Pitch Control. The speaker is an integral part of the receiver. Bandspread is better than A.R.R.L. Handbook recommendations for bandspread against scale calibration. Equipped for either Doublet or Marconi Antenna. Tube Complement: 1-6K3G, 1-6K7B, 1-6Q7G, 1-7B, 1-80 and 1-80. For 110-120 volt, 50-60 cycle AC current only. For battery operation use the inverter listed on the preceding page. Size, 17 1/2" x 8 1/2" x 8 1/2". Ship. wt., 20 lbs.

Model 5-10 Meter Skyrider



C18011—Skyrider 5-10 (Model S-21), complete with tubes and speaker. **YOUR CASH PRICE..... \$695.00**
Or \$13.90 down and \$5.33 monthly for 12 months.

C18012—SM18 Carrier Level Meter. **YOUR CASH PRICE..... \$10.00**
Or \$2.00 down and \$1.50 monthly for 6 months.

This receiver is designed for the amateur who needs and wants the exacting performance required for superior ultra-high frequency reception. The Skyrider 5-10 covers the radio spectrum from 68MC to 27MC in two bands with a degree of sensitivity and selectivity that offers unparalleled reception of the ultra high frequencies. The recently developed RK1852 tube, with a gain increase of 6 to 1, is used as an RF amplifier through which an ultra high frequency sensitivity of better than 1 microvolt is obtained for this receiver. Separate Band Spread Dial. Logging is easy and accurate. Equipped with Inertia Tuning control. 8 Tubes used: 1852, 6L7, 6J5, 6K7, 6P7C, 6F6G, 6B6, 80. Sturdy steel cabinet finished in grey. Size, 18 1/2" x 9 1/2" x 9 1/2". Ship. Wt., 34 lbs. For 110-120 volts, 50-60 cycle operation.

Model S-22 Skyrider Marine

C18022—Model S22 Skyrider Marine complete with tubes and speaker. For 110 volt, AC-DC operation.

YOUR CASH PRICE..... \$645.00
Or \$12.90 down and \$4.94 monthly for 12 months.

- 4 Bands—16.2 to 2150 meters (140 Kc. to 18.5 Mc.). • 8 Tubes. • Automatic Volume Control. • Tone Control.
- Head Phone Jacks. • Beat Frequency Oscillator. • Individual Coils for Each Band. • Sensitivity Control. • "S" Meter Terminals.

An 8 Tube Superheterodyne for commercial frequencies. Band No. 1—2150 to 645 meters (140 to 465 Kc.). Band No. 2—645 to 199 meters (465 to 1510 Kc.). Band No. 3—177 to 53 meters (1.7 to 5.8 Mc.). Band No. 4—54.5 to 16.2 meters (5.9 to 18.5 Mc.). The Main Tuning Dial is directly calibrated and a separate dial is supplied for efficient mechanical Band Spread. Excellent sensitivity and selectivity and improved image rejection at the higher frequencies are attained through the use of 1600 Kc. i.f. transformers. Ideal for marine work. Special emphasis has been placed on its 600 and 700 meter operation. Built-in speaker. R.F. Gain, Band Switch, Tone Control, Pitch Control, Send-Receive Switch, Phone Jack. Each band operated through individual coils. This sturdy metal cabinet is finished in black crystal with chrome trim. Designed for operation on 110 Volt. AC-DC only. For battery operation use inverter on preceding page.



Improved S-20R Sky Champion

C18009—Hallcrafters Model S20R Sky Champion. Including built in speaker and tubes. **\$495.00**

YOUR CASH PRICE..... \$495.00
Or \$9.90 down and \$3.79 for 12 months.

C18041—SM20—"S" Meter in separate meter housing. **\$10.00**

YOUR PRICE..... \$10.00
Or \$2.00 down and \$1.50 monthly for 6 months.

- 9 Tubes. • 4 Bands Give Complete Coverage of 545 Kc. to 44 Mc. • Separate Bandspread Dial. • Individual Coils for each Band. • Flywheel Tuning.
- Band Switch. • Beat Frequency Oscillator. • AVC Switch. • Excellent Sensitivity and Selectivity. • AF Control. • Sensitivity Control. • Noise Limiter.



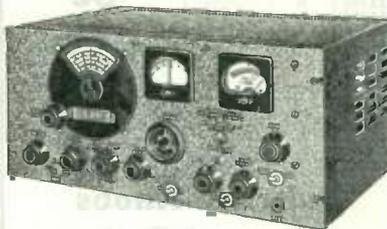
9-Tube Communications Receiver with Pre-Selection and Built-in Speaker. complete in every respect offering the amateur a quality performance never before available at this price. 4 Bands provide full coverage from 545 Kc to 44 Mc. (approx. 7 meters). Incorporates controls as follows: RF Gain Control, Tone Control, Phone Jack, AVC Switch, Beat Oscillator Switch, Send-Receive Switch, AF Gain Control, Band Switch, BFO Switch and Pitch Control. Sensitivity and selectivity on all bands extremely good. The separate bandspread on all amateur bands is better than A.R.R.L. Handbook recommendations for bandspread against scale calibrations. Speaker is an integral part of the receiver—nothing else to buy. Tube Complement: 6TK7 RF Amp., 6K8, 1st Det. Mixer, HF osc., 6H6 Noise Limiter, 6BK7, 1st IF Amp., 6SK7, 2nd IF Amp., 6SQ7 2nd Det., AVC and 1st Audio, 635GT Beat Freq. Osc., 6F6G Output and 80 Rectifier. For operation on 110-120 volts, 50-60 cycle, AC current only. Size, 18 1/2" x 9 1/2" x 8 1/2". Wt., 34 lbs.

Model S-27 Communications Receiver

Frequency Modulation and Amplitude Modulation C18029—Model S-27 F.M. and A.M. Receiver, complete with tubes, but less speaker. **\$175.00**

Your Price..... \$175.00
Or \$35.00 Down and \$13.42 Monthly for 12 Months.

Tunes three bands, 27 to 46 mc., 45 to 84 mc. and 81 to 145 mc. on either Amplitude Modulated or Frequency Modulated Broadcasts. This fine 15 tube communications receiver should not be confused with ordinary home radios for A.M. and F.M. reception. All the refinements that Hallcrafters have incorporated in their famous "Ham" receivers have been built into this new unit; R.F. Gain Control; Antenna



Trimmer; I.F. Selectivity Control; Volume, Pitch and Tone Control; 8-meter Adjustment; AVC On-Off Switch; Phone Jack; and Send-Receive Switch. Additional features are High gain 1852 tubes in iron core I.F. stages; Accorn tubes in R.F. and converter system; and beam power tubes in the final push-pull stage giving a practically flat response over the entire audible range for high fidelity reception. Resistance coupling and degeneration (inverse feedback) are used for minimum distortion. Bass-boost circuit emphasizes low note response. Also has high frequency cut-off circuit for communication reception. Tubes used: 1-956, 1-954, 2-1852, 1-1853, 1-6BK7, 2-6H6, 1-6C8G, 1-6J5, 1-9A5, 1-5Z3, 1-VR-150, 2-6V6. Size, 19" x 14" x 9". Shpg. wt., 75 lbs. For 110-120 volt, 50-60 cycle AC. **D18037**—10" PM Speaker in Matching Cabinet **\$12.00**

Model HT-7 Frequency Standard

Complies with F.C.C. regulations for amateur frequency measurements. Ideal for measuring transmitter frequency, checking calibrations and band-setting receivers, locating signals for skeds, setting E.C. oscillator frequencies within very close limits. Consists of a stable crystal oscillator with either 1000 or 100 Kc. output and a 10 Kc. multiplier and harmonic amplifier which produces accurate marker frequencies 10, 100 or 1000 Kc. apart on any range up to 30,000 Kc. May be set against any broadcast station or WWV for extreme accuracy. A tuned circuit increases the strength of the higher harmonics. Complete with tubes and crystal. Size, 5 1/2" x 8 1/2" x 7". Wt. 10 lbs. For 110 V. 50-60 cycle operation.

C18028—Model HT-7. Complete. **\$295.00**
YOUR PRICE..... \$295.00
Or \$5.90 down and \$2.26 monthly for 12 months.



Hallcrafters RECEIVERS

New Super Skyrider Model SX-28

15 Tubes • Tunes 6 Bands • 2 RF Stages • Piezo Crystal Filter • 6 Step Variable Selectivity • Band Pass Audio Filter • "S" Meter • Automatic Noise Limiter • Improved Signal to Image and Noise Ratio.



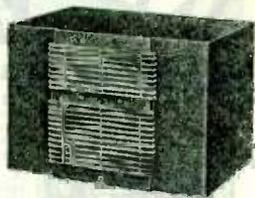
Price Less Speaker

D18030—Skyrider Model SX-28, complete with tubes and crystal but less speaker. **\$159.50**
YOUR PRICE.....

Or \$31.90 down and \$12.23 monthly for 12 months.

The finest Hallcrafters receiver for short-wave broadcast, standard broadcast and amateur communications. Every worthwhile feature and engineering improvement has been incorporated in this superb instrument. 6 tuning bands provide a most satisfactory I/C ratio: 540 to 1650 KC, 1.3 to 3.2 MC, 3.0 to 6.2 Mc, 5.5 to 12.0 MC, 11.0 to 23 MC, 21 to 43 MC. Maximum sensitivity is obtained from 2 stages of tuned RF. 6 step variable selectivity, from broad high fidelity for music or voice, to extremely sharp crystal filter for CW. Tuning even the weakest signal is a pleasure. Inertia controlled micrometer main dial and calibrated band spread dial permit easy location of stations and proper logging. Wide angle "S" meter is calibrated in "S" and Db. Tone quality exceeds that of the finest home radio. Distortion and interference are held to a minimum by inverse feedback high fidelity push-pull output, automatic noise limiter, band pass audio filter, and switch controlled bass boost.

Controls on the front panel are: Inertia controlled main tuning with micrometer scale calibrated band spread, also inertia controlled; tone and off-on switch; beat frequency oscillator; A.F. gain R.F. gain; 6 position band switch; antenna trimmer; 6 position selectivity control; crystal phasing; adjustable noise limiter send-receive switch; AVC and BFO switch; bass boost switch; and phone jack. Has provision for connecting phono pickup for record reproduction. Receiver is assembled on a sturdy steel chassis, cadmium plated to prevent corrosion. Chassis and front panel can be removed from cabinet and the receiver mounted in any standard ray rack. Panel 7/8" thick. The professional metal cabinet, finished in tool gray wrinkle, is 20 1/2" long, 9 1/4" high and 1 1/4" deep. Tubes used: 4-6BX7, 2-6SA7, 1-6L7, 2-6B8, 1-6BE6, 1-6J5, 1-6SC7, 2-6V6GT, 1-5Z3. For 110-120 volt, 50-60 cycle AC current.



Speaker Prices

D18031 — 10" PM Speaker housed in attractive grey wrinkle finished steel case. An exact match of the SX-28 cabinet. Illustrated above. **\$12.00**

YOUR PRICE.....
Or when purchased with SX-28 \$2.40 down and \$1.13 monthly for 12 months.

D18032 — Hallcrafters Jensen bass-reflex enclosure including 12" speaker. (Not illustrated). 30" high, 16" deep, 22 1/2" wide. Receiver may be placed on top of speaker enclosure. **\$29.50**

YOUR PRICE.....
Or \$5.90 down and \$2.26 monthly for 12 months.

New Model SX-25 Super Defiant

• New 12 Tube Circuit • 8 Watt Output • Six Step Selectivity • Automatic Noise Limiter • Two Tuned RF Circuits • Drift Compensation • Tunes 540 KC to 42 MC • Piezo Crystal Filter • Freq-Meter Tuning.

Every Desirable Feature

This new Hallcrafters 12 tube communication receiver has won acclaim from amateurs and short-wave listeners all over the United States. Incorporated in the newly developed superhet circuit are all the worthwhile features and engineering improvements that you would expect to find only in sets costing much more. Every convenience for easy tuning and enjoyable reception have been included. Illuminated main tuning dial is calibrated directly in frequencies; band spreading dial is also calibrated for correct logging of sharp tuning signals; "S" meter is calibrated in both "S" and Db units. Six-step variable selectivity, from broad high fidelity for music and phone to extremely sharp crystal filter for CW. Laboratory checked piezo quartz crystal filter permits critical CW reception even when interference is severe. Sensitivity is raised from 2.8 to 4 times when receiver is tuned to exact frequency of crystal. This means more usable sensitivity. Two stages of tuned RF brings in the weakest signals loud and strong.

Tunes the following four bands: 540 KC to 1700 KC, 1.7 MC to 5.1 MC, 5.0 MC to 15.5 MC and 15.1 MC to 42 MC. Drift compensation is incorporated in all bands to keep receiver tuned to desired station. Automatic noise limiter reduces interference as much as 70%, making the Super Defiant extremely sensitive to weak signals. Connections are provided for headphones, 500 or 5000 ohm speaker, single or double antenna and Send-Receive break-in circuit. Controls on front panel are: Main tuning control calibrated for frequency tuning, calibrated band spread dial, automatic noise limiter switch, BFO pitch control, RF gain, crystal phasing, selectivity switch, audio gain, Hi-Lo tone control. Send-Receive switch and BFO switch. Uses 12 tubes: 2-6SK7, RF amplifiers; 6K8, 1st detector-mixer and B.F. oscillator; 2-6SK7, 1st and 2nd I.F.; 6SQ7, 2nd detector, AVC and 1st audio; 6SQ7, phase inverter; 2-6F6, push-pull output, automatic noise limiter; 6J5GT, BFO; and 80, rectifier. Usually communication receivers are designed for sensitivity and selectivity only. The Super Defiant also provides distortion-free reception of music and voice.



Receiver is supplied complete with a 10" heavy duty P.M. dynamic speaker. Both speaker and receiver are housed in attractive matched metal cabinets finished in tool gray wrinkle enamel. Every Ham and SWL will be proud to own this attractive combination of radio perfection. Receiver cabinet size, 19 1/2" long, 11 1/2" deep, and 9 1/2" high. Operates direct from 110 volt, 50-60 cycle AC current; connections also provided for operation from vibra-pack or batteries. Consumes 125 watts.

D18033—Model SX-25 Super Defiant, supplied complete with speaker, crystal, matched set of tubes, and operating and alignment instructions. **\$99.50**

YOUR PRICE.....
Or \$19.90 down and \$7.63 monthly for 12 months.

S-29 Sky Traveler

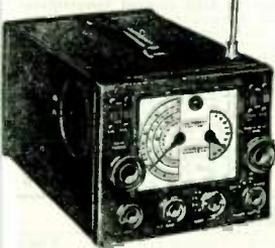
D18034—Complete S-29 Sky Traveler with tubes and collapsible antenna. **\$59.50**

YOUR PRICE.....
Or \$11.90 down and \$4.56 monthly for 12 months.

Compact and portable, yet this fine communications receiver has all the features of many larger models. Self contained antenna with high gain coupling circuit provides truly remarkable reception throughout the entire tuning range. Band spreading is electrical. Both RF and IF circuits are permeability tuned. Has one stage of pre-selection on all bands. Automatic noise limiter especially designed for portable radio use. Tunes the following 4 bands: 542 to 1490 KC, 1.43 to 4.35 MC, 4.12 to 11.9 MC and 11.26 to 30.5 MC. Has built-in speaker with provisions for connecting headphones if desired. Uses 9 bantam and miniature 1.4 volt tubes. Operates from self contained batteries or 110-125 volt AC or DC current. Battery life prolonged because of self-contained charging circuit.

Has all these features: Electrical bandspread, automatic noise limiter, RF stage and IC circuits, and neon bulb to indicate when set is "on". Self-contained collapsible antenna can be extended to nearly 3 feet, also has provisions for attaching doublet or Marconi long antenna. Has phone jack, battery cable with plugs and band switch, AVC off-on switch, BFO off-on switch, B.F. gain, A.F. gain, and selective standby switch. Tubes used: 1T, R.F.; 1R5, I.F.; 1F5, I.F.; 1G4-GT, 2nd IF; 1H5-GT, 2nd det.; AVC, 1st audio; 305-GT output; 1G4-GT, BFO; 1G4-GT, noise limiter; 2525G rectifier. Receiver is contained in an attractive black crackle finished aluminum cabinet with rounded corners. Net weight, including batteries, is only 18 lbs. Overall height, 7" width, 8 1/2" depth, 3 1/4". Has a convenient carrying handle.

Take it with you. Use it at home. A truly universal receiver. Operates from 110-125 volt AC or DC or from self-contained batteries. Ideal for the S-W listener or amateur who likes to go places.



12 Watt—HT-11 Marine Radiophone

A complete ship to shore transmitter and receiver. Transmitter operates on three frequencies in the marine 2000 to 3000 kc band. Receiver tunes standard broadcast, 550 to 1700 kc on range #1; and tunes the marine band, 2000 to 3000 kc on range #2. Receives all standard broadcast stations for entertainment, news, etc. and covers the entire marine band for communications. This is the ideal Radiophone for small pleasure craft wanting to cruise in safety. The receiver is manually tuned and has a directly calibrated dial for easy logging of stations. The transmitter is crystal controlled on three frequencies. Comes supplied with a French type handset (combination microphone and headphone), which has a built-in push-to-talk switch. Controls on the front panel are: Transmitter channel switch, receiver band switch, receiver volume control, receiver tuning, transmitter off-on switch, speaker-headphone switch. Tubes used in the transmitter circuit: 6V6, oscillator; 807 power amplifier; and 2-6V6G modulators; in the receiver: 6SK7 RF amp; 6K8, mixer 6SK7, IF amp; 6SQ7, 2nd det.; AVC, 1st audio; 6K6G, output; 2-6X5G, rectifier. Entire unit is housed in an attractive sturdy metal cabinet. Rust proofing and corrosion protection used throughout. Dimensions, 14 1/2" x 8 1/2" x 9 1/4".

D18035—HT-11 Radiophone for 110 volt AC current, complete with tubes and handset. **\$149.50**

YOUR PRICE.....
Or \$29.90 down and \$11.46 monthly for 12 months.

D18036—HT-11 Radiophone for Battery Operation. Equipped with an external power pack, permitting the radiophone to be operated from either a 6 or 12 volt storage battery. Power pack is exceptionally quiet. Price includes complete radiophone, tubes, handset and power pack. **\$159.50**

YOUR PRICE.....
Or \$31.90 down and \$12.23 monthly for 12 months.



NEW EQUIPMENT

for the Amateur and Experimenter

AT
LOWEST
PRICES

2 1/2 Meter Transceiver



D18044 — Abbott Model DK2. Less accessories. YOUR PRICE... **\$16.17**

A compact simple to operate portable transceiver that provides an excellent means of communication up to 30 miles distance. Housed in a sturdy steel carrying case that measures only 1 1/4" x 3 1/4" x 3 1/4" and has room for all necessary batteries. Uses a 4 foot antenna which is supported on set by 2 ceramic insulators. Entire unit with batteries ready to operate weighs less than

25 lbs. Send and receive tuning is by means of a single control. Uses 2 tubes, 1-6J6GT and 1-6G6G. Batteries required: 4 - 26 Eveready Dry Cells and 3 or 4 - 2768 Eveready 45 Volt "B" batteries. For use with single button carbon microphone. Tubes, batteries, antenna, microphone and headset are not supplied.

Browning Frequency Monitor and Deviation Meter



5 Bands
5 to 160 Meters
D18068—Model BL-M3 with tubes. YOUR PRICE... **\$39.90**

A heterodyne type frequency meter with built-in mixing circuit to allow checking of transmitter frequency without the use of any auxiliary apparatus. 100-1000 Kc oscillator can be readily checked against WWV. Three additional oscillators cover the six amateur bands 160, 80, 49, 20, 10 and 5 meters. Calibrated 5 1/2" dial permits accurate frequency checking. Electric eye indicator shows zero heat and frequency deviation of carrier. Accuracy greater than 2 parts in 10,000. Self powered 115 volts AC-DC. Cabinet finished in black crackle. Size, 14x12 1/2".

Browning Preselector

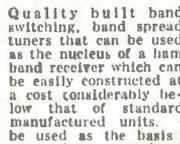


Tunes 5 bands
1.6 to 64. MC
D18067 — 5DXK Kit (Less 1852 tube). YOUR PRICE... **\$13.50**

D18066 — 5DXP Wired (Less 1852 tube). YOUR PRICE... **\$16.50**

In addition to serving as an efficient general coverage preselector on SW receivers, this unit will serve to convert broadcast receivers for tuning short wave bands. Uses 1-1852 tube. Gain of 1000 or more. 25 to 70 DB added RF gain and image rejection ratios of over 500 may be obtained. Efficient on all bands. Covers 1.6 to 64 MC in 5 bands. 3 1/2" nickel finished vernier dial. Cabinet size, 7x10x8 1/2".
D1317—1852 SYLVANIA tube. YOUR PRICE... **\$1.46**

Band Spread Tuner



Quality built band switching, band spread tuners that can be used as the nucleus of a ham band receiver which can be easily constructed at a cost considerably below that of standard manufactured units. Can also be used as the basis of a regenerative preselector with image rejection ratios of 500 or more. YOUR PRICE... **\$6.00**

D17465—BL-5DX for 5 to 185 Meters. Covers the short wave spectrum in 5 bands with generous overlap. Electrical band spread is possible on any portion of the spectrum. Consists of 5 high Q, cathode tapped coils mounted on band switch; 200 mmf. Isolantite insulated tank condenser and 25 mmf. Isolantite insulated band spread condenser all mounted as an integral unit and wired. Trimmers are eliminated providing maximum L/C ratio. YOUR PRICE... **\$4.80**

D17466—BL-5H For Amateur Bands. Designed exclusively for the Amateur. Covers the 10-20-40-80 and 160 meter bands, with each band spread out over entire tuning range. Consists of 5 high Q, cathode tapped coils rigidly mounted on band switch; 35 mmf. tuning condenser and band setting condenser. Grid leak and condenser also included.

Meissner Signal-Shifter

D18065 — Less tubes. YOUR PRICE... **\$44.05**

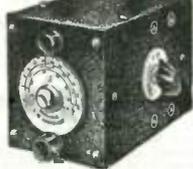


Will allow quick change of frequency over any amateur band from 10 through 160 meters. Has voltage regulation for the oscillator tube, dual rectifier tubes, and key-click filter for pure, chirpleess output. Tuning dial has precision vernier scale. Can be link coupled to transmitter for remote control. Equipped with "on", "standby" and "automatic" position switch. Uses 1-6F6, 1-6L6, 1-5X4G, 1-VR105, 1-VR105 tubes. Comes furnished with 80 meter coils. Size, 9x11 1/2 x 11 1/2" deep. Cabinet finished in black or grey crackle. Operates on 115 volts 50-60 cycles. Additional coil sets: D9663—10 meter band. D9662—20 meter band. D9665—40 meter band. D9664—160 meter band. YOUR PRICE... **\$2.45** Per Set. **D1315**—5 SYLVANIA TUBES for above. YOUR PRICE... **\$4.40**

frequency checking. Electric eye indicator shows zero heat and frequency deviation of carrier. Accuracy greater than 2 parts in 10,000. Self powered 115 volts AC-DC. Cabinet finished in black crackle. Size, 14x12 1/2".

Browning Converter

For 5 and 10 Meters
D18043—Model BL510. YOUR PRICE **\$24.90**



May be used with any set that can be tuned from 1500 KC to 5 MC. Especially designed for mobile use but operates satisfactorily with any reasonably sensitive receiver. Equipped with band switch and antenna change-over switch. By making minor adjustments to Trimming condensers converter can be made to tune over the entire range from 7 to 64 MC. Features Electrical band spread individual 5 and 10 meter oscillator and antenna circuits. Isolantite air tuned circuits, and 2 1/2" silver dial calibrated for 5 and 10 meters with separated 0-100 scale. Comes complete with 1-6K8 tube. Obtains power from radio with which used.

Transmitting Tubes

R. C. A.						
Type	Stock Num.	Class	Fil. V.	Plate Volts	Serv. Dis.	Your Price
203A	C453	Tri.	10	1000	100	\$10.00
800	C452	Tri.	7.5	1250	35	12.00
801	C463	Tri.	7.5	600	20	1.2 3.45
802	C464	Pent.	6.3	500	10	1.4 3.50
803	C454	Pent.	10	2000	125	1.4 28.50
804	C466	Pent.	7.5	1250	40	1.4 15.00
805	C467	Tri.	10	1500	125	1.3 13.50
806	C457	Tri.	5	3000	150	1.2 22.00
807	C458	Beam	6.3	600	25	1.5 3.50
808	C459	Tri.	5	1500	100	1.5 7.75
809	C477	Tri.	6.3	750	25	1.3 2.50
810	C455	Tri.	10	2000	125	1.2 13.50
813	C456	Beam	10	2000	100	1.2 22.00
814	C468	Beam	10	1250	50	1.5 17.50
833	C469	Tri.	10	3000	300	1.2 35.00
852	C478	Tri.	10	3000	83	1 16.40
866	C495	Rect.	2.5	†See Foot Note		1.50
866A	C474	Rect.	2.5	†See Foot Note		2.50
872	C470	Rect.	5	†See Foot Note		9.00
1623	C471	Tri.	6.3	7500	25	1.2 2.50
954	C486	Pent.	6.3	UHF Acorn		5.00
955	C487	Tri.	6.3	Type Tubes for		3.00
956	C489	Pent.	6.3	Receiving and		5.00
957	C472	Tri.	1.25	Low Power		3.00
958	C473	Tri.	1.25	Transmitting		3.00
959	C475	Pent.	1.25	Det. Amp.-Acorn		5.00

†—RF Osc. Buffer, Doubler, Amp.
 ‡—Class "E" Mod. 3—Zero Bias Class "E" Mod.
 §—Supp. Mod. Amp. 5—Class "AB" Mod.
 ¶—Max. Inv. Peak 7,500 V. Peak 10 Amps.
 †—Max. Inv. Peak 10,000 V. Peak 10 Amps.
 ‡—Max. Inv. Peak 10,000 V. Peak 5.0 Amps.

C12464—RCA Transmitting Tube Manual. 192 Pages. Complete data on all RCA air-cooled transmitting tubes, as well as other helpful information. YOUR PRICE... **25¢**

Raytheon						
Type	Stock Num.	Class	Fil. V.	Plate Volts	Dis.	Your Price
RK11	C900	Tri.	6.3	750	25	1 \$2.50
RK12	C920	Tri.	6.3	750	25	1.3 2.50
RK20A	C901	Pent.	7.5	1250	40	1.4 15.00
RK23	C902	Pent.	2.5	500	10	1.4 4.50
RK25	C903	Pent.	6.3	500	10	1.4 3.95
RK28A	C904	Pent.	10	2000	125	1.4 28.50
RK34	C921	D.Tri.	6.3	300	10	1.2,6 3.50
RK37	C906	Tri.	7.5	1500	50	1.2 6.95
RK38	C908	Tri.	6.0	2000	100	1.2 13.50
RK39	C907	Beam	6.3	600	25	1.5 3.50
RK42	D927	Tri.	1.5	180	7	1 1.10
RK43	C922	D.Tri.	1.5	135	1	1,6 1.50
RK44	C909	Beam	1.5	1250	150	1.5 17.50
RK48	C910	Beam	10	2000	00	1 27.50
RK49	C911	Beam	6.3	400	21	1 1.25
RK51	C923	Tri.	7.5	1500	60	1 6.95
RK52	C912	Tri.	7.5	1250	625	1.3 6.95
RK56	C913	Beam	6.3	300	8	1 3.00
RK 57	C914	Tri.	10	1500	125	1.2 13.50
RK 805						
RK59	C924	D.Tri.	6.3	500	15	1,2,6 4.50
RK60	C925	Rect.	†See Foot Note			2.75
RK62	C926	G.Tri.	1.4	45	Glas	3.50
RK63	C915	Tri.	5	3000	200	1.2 22.00
RK64	C938	Pent.	6.3	300	6	1 3.50
RK65	C916	Tri.	5	3000	215	1 34.50
866	C917	Rect.	†See Foot Note			1.50
866A	C918	Rect.	†See Foot Note			2.50
872A	C919	Rect.	†See Foot Note			11.00

¶—Max. Inv. Peak 7,500 V. Peak 1 Amp. Output.
 □—High Vacuum, 61 Volt drop, 750 V.R.M.S. per Anode. 250 M. A., Output current.
 †—Max. Inv. Peak 10,000 V. Peak 1 Amp. Output.
 ‡—Max. Inv. Peak 10,000 V. Peak 5 Amp. Output.

We Can Supply Other Transmitting Tubes

Gammatron Triodes

Gammatron tubes have elements supported directly on short, heavy wire leads brought directly to the envelope, eliminating all internal insulation. All have plate connection at top envelope. Extremely low interelectrode capacities. Easy to drive, operate at high efficiency on all bands. Nonex clear glass envelopes and use of Tantalum plates and grids allows safe operation at high element temperatures with no danger of breakdown or gas emissions. Types 24 and 54 have standard UX base; 254 and 354C have 50 watt base. *257 is a new beam power pentode with tantalum construction throughout. Base is similar to RCA-813.

Type	Stock Num.	Filament V.	Amps	Max. Plate Volts	Dis.	Uses	Your Price
24	C1840	6.3	3	1500	25	1,2	\$3.50
24	C1841	5	5	1000	50	1,2	6.75
254	C1842	5	7.5	3000	100	1,2	12.50
354C	C1843	5	10	4000	150	1,2	24.50
257*	C1844	5	7.5	2000	75	1	22.00

Hytron See Also Page 4

Type	Stock Num.	Serv. Ice	Filament V.	Amps	Plate Volts	Dis.	Uses	Your Price
HY25	C1851	1.2	7.5	2.25	800	25	1,4,5	\$1.45
HY40	C1852	1.2	7.5	2.25	1000	40	3,50	
HY40Z	C1881	1.3	7.5	2.25	1000	40	3,50	
HY51A	C1853	1.2	7.5	3.50	1000	65	4,50	
HY51B	C1854	1.2	10	2.25	1000	65	4,50	
HY52	C1883	1.3	7.5	3	1000	65	4,50	
HY60	C1856	1.3	6.3	0.9	425	15	2,50	
HY61	C1857	1.3	6.3	0.9	600	25	3,50	
6L6GX	C1850	1.3	6.3	0.9	500	21	1,25	
866	C1860	Rect.	2.5	7500	Pk. Inv.	V.	1.50	
866 J	C1859	Rect.	2.5	1750	Pk. Inv.	V.	1.05	
HY615	C1858	††	6.3	0.15	300	3.5	2.00	

**Ultra high frequency triodes.

Stancor Transmitter and Amplifier Kits

Model 25B 25 Watt CW Transmitter Kit

With
Self Contained
Antenna Tuning



18000 — Model
25B Transmitter Kit
ready to assemble,
less tubes, coils and
chassis.
YOUR PRICE \$1249

The 25-B meets the requirements for a simple 6L6 transmitter with self-contained antenna tuning, operates on CW only with 25 watts input from 160 to 140 meters. The rig incorporates only the essentials, leaving off all the trimmings. Simplicity of circuit detail, construction, and operation will satisfy the beginner as well as the seasoned amateur. The 6L6 oscillator circuit is of the regenerative type using R.F. choke in the cathode. For the experimenter provision is made for other types of oscillator circuits such as triode, pentode, or push-pull type 80 tube. Large choke and condenser insure well filtered supply as required by regulations. Resistor provides safe discharge of condensers and better voltage regulation. No high voltage on top chassis. Output may be connected to either low impedance or variable impedance matching network. Link coupling various type feeder lines, or all types of antenna may be connected and easily tuned. Standard coils and crystals are used to cover all bands. Pilot light serves as tuning indicator and use. Keys in clean cut manner, suitable for use in operation. A pilot light located in the center tap of the high voltage power transformer and indicating both as a tuning indicator and use. All parts mount on a chassis 9½"x6¼"x2", or operation from 105-120 volts 50-60 cycle AC.

Accessories

D1328—Kit of 1-6L6 and 1-80 Sylvania tubes for above transmitter. **YOUR PRICE \$110**

Use Coto Pee Wee end link coils described on page 143. Use HiPower Ruby or Emerald Crystals described on page 145

Model 110CM 100 Watt Transmitter Kit

Phone
and
CW



18003—Model
110CM Transmitter
Kit ready to as-
semble, less tubes,
coils and crystals.
YOUR PRICE \$477

The 110-CM Transmitter is a high performance, multi-band, phone-CW unit, conservatively rated at 100 watts input, employing cathode modulation. Compact design permits the entire transmitter, modulator and power supply to be mounted on a 7"x10"x3" chassis which can be placed in a standard relay rack or cabinet. An RCA 812 is excited by a 6L6 "grid-plate" oscillator and cathode modulated by a pair of 6V6's. A 6S7, followed by a 6C5, provides adequate speech amplification from a crystal microphone. The operating range is from 7 to 30 MC. using only two ready-wound plug-in coils for each band. An RK80 and a 5Z3 operate in a dual rectifier system followed by adequate filtering to supply all the necessary voltages to the various parts. A low impedance link-coupled output permits the use of any type of antenna. Complete metering of all essential circuits is provided by the ritching of a 0-200 D.C. milliammeter mounted in the panel. The Stancor 110-CM is especially applicable to installations requiring radiophone. Limited physical space is available. To be confirmed, a brass "pounder" link-coupled output permits an economical and simple way to enjoy radiophone without tying up a large investment in modulating equipment. For operation from 105-120 volts 0-60 cycles AC.

Accessories

D1331—Kit of Hytron, Raytheon and Sylvania tubes for above transmitter. Includes: 1-HY40, 1-6L6, 1-6S7J, 1-6C5, 2-6V6, 1-RK80, 1-5Z3. **YOUR PRICE \$965**

D18474—Bud Cabinet \$7.35
D10120—Triplet Meter \$3.75
19559—Set of Johnson Coils \$1.92

Model 10P 10 Watt Phone and CW Transmitter Kit

Covering
5 Band
Operation



D18001—Model 10P
Transmitter Kit ready
to assemble, less tubes,
coils and crystals.
YOUR PRICE \$2058

The Stancor 10-P kit fulfills the need for an extremely compact phone-CW transmitter. Although thorough in every detail, its circuit simplicity and utter ease of operation delight both the beginner and seasoned amateur alike. The unique circuit design involves but one inexpensive plug-in coil for each band of operation. Further, only three crystals are used in covering all bands from 20 to 160 meters inclusive. A 6J5 untuned crystal oscillator and a 6L6 amplifier are employed in the radio frequency stages. For radiophone, a 6L6 in Class A serves both as a speech amplifier and plate modulator. The Class C, R.F. amplifier input ratings are 12 watts phone and 20 watts CW. Break-in procedure is accommodated by the simultaneous keying of both oscillator and amplifier. An 80 is used in the inexpensive, but adequate power supply. All types of antennae may be applied to the low impedance output terminals. All of the above mentioned features are self-contained in an attractive 10½"x6¼"x6½" machine grey, crackle finished cabinet. The appearance is further enhanced by the special front panel escutcheon which has appropriate markings for the controls. Priced surprisingly low, the 10-P is truly a versatile piece of transmitting equipment. For operation from 105-120 volts 50-60 cycle AC.

Accessories

D1329—Kit of 4 Sylvania tubes for above transmitter. Includes 1-6J5, 2-6L6's, 1-80. **YOUR PRICE \$240**

D10124—Triplet Meter **\$294**

Use HiPower Ruby or Emerald Crystals described on page 145

Model 414 14 Watt Public Address Amplifier Kit

Class A
With
6L6'S



D18004 — Model
414 P.A. Amplifier
Kit ready to as-
semble, with dust
cover but less tubes.
YOUR PRICE \$1764

The 414 is an economical and compact A.C. amplifier with 14 watts output. Excellent audio response makes it ideal for small public address systems, window demonstrators, phonograph players, etc. Incorporates two high impedance input circuits as follows: One high gain input for medium output microphone as push pull crystal, electro, or dynamic, and one low gain input for phonograph pickup or carbon microphone (must be properly coupled through transformer). A single volume control is used for fading in either input. Includes tone control for attenuating high audio frequencies. Output transformer tapped to provide impedances of 4, 8 and 15 ohms. Tubes used are: 6S7J high gain input, 6C5 output amplifier, crystal, push pull 6L6's (pentode connected) Class A output, and 50 high voltage rectifier. Entire unit includes punched chassis, panel, and 10½"x6¼"x6½" cabinet, finished in wrinkle gray. An escutcheon plate clearly marks inputs and controls. A jeweled pilot light is a ready indication that amplifier has been turned on. A dual binding post output strip allows the connection of one or more speakers. The desired output transformer impedance may be permanently connected to the output terminals and the others left unused until the need for their respective impedances arises. An alternative would be to ground the common starting terminal of the transformer and connect the two most desirable taps to the output posts. For operation from 105-120 volts 50-60 cycles AC.

Accessories

D1332—Kit of five matched Sylvania tubes for above amplifier. **YOUR PRICE \$290**

Model 60P 60 Watt Phone and CW Transmitter Kit

Covers
5 Bands



D18002 — Model
60P Transmitter Kit
ready to assemble,
less tubes, coils and
chassis.
YOUR PRICE \$4390

The 60-P presents an entirely self-contained phone-CW transmitter of modern design. Operation may be enjoyed on all amateur bands from 10 to 160 meters inclusive with a rated R.F. amplifier input of 60 watts. The efficient HK24 tube is employed as a Class C amplifier driven by a 6L6 in a harmonic type of crystal oscillator. Only two plug-in coils are necessary for each band of operation and three crystals suffice for all five bands. For radiophone, the audio channel consists of a 6S7 input stage, a 6N7 voltage amplifier-driver stage, and a pair of 6L6's in Class AB1 as modulators supplying 32 watts of audio. 100% plate modulation of the Class C amplifier is easily attained. The transmitter is powered by a dual rectification and filtration system which provides the desired DC high voltages with excellent regulation. Other features are oscillator keying, ease of adjustment, and low impedance output termination. The standard dimensions of the 17"x10"x3" chassis and the 8¼"x19" panel, allow the 60-P to be housed in a rack type cabinet or to be mounted on a relay rack. Here is a transmitter that offers the amateur a compact, moderately powered, commercial type transmitter with which he can realize excellent results. For operation from 105-120 volts 50-60 cycles AC.

Accessories

D1330—Kit of 8 Raytheon H.K. and Sylvania tubes for above transmitter. Includes 1-HK24, 3-6L6's, 1-6S7, 1-6N7, 1-5Z3, 1-RK60. **YOUR PRICE \$1018**

D18475—Bud Cabinet \$7.35
D10120—Triplet Meter \$3.75

Model 430 30 Watt Public Address Amplifier Kit



D18005—Model
430 P.A. Amplifier
Kit ready to as-
semble, less dust
cover and less
tubes.
YOUR PRICE \$3283

The 430 amplifier for public address system delivers full 30 watts of unistorted output power. Frequency response is uniform from 50 to 15,000 cycles. All inputs are high impedance as follows: two high gain and one low gain inputs. Two volume controls may be used for mixing. Sufficient gain for low output level microphones such as crystal, dynamic, velocity types. Dual tone control unit allows independent control of either high or low frequencies. Output transformer provides impedances of 4, 8, 15, 250, or 500 ohms. A simple peak limiting circuit can be added, if desired, for use in P.A. as automatic volume control of speech only. The tube complement is as follows: two 6S7J high gain input channels, 6N7 voltage amplifier and electronic driver, 6V6 (triode connected) driver, push pull 6L6's (pentode connected) Class AB1 output, and 5Z3 high voltage rectifier. Special circuit for increasing bass response. Well filtered power supply insures clear reproduction without disturbing noises. Chassis is of standard size 17"x10"x3", and can be fitted with dust cover or made to fit the relay rack mounting. For operation from 105-120 volts 50-60 cycles AC.

Accessories

D1333—Kit of Seven Matched Sylvania Tubes for above amplifier. **YOUR PRICE \$413**

D18476—Bud Dust cover for above Amplifier. **YOUR PRICE \$382**

PHOTO CELLS--HEADPHONE UNITS

Worner Burglar Alarm



Photo-Cell System Model 301R-L

Provides Protection for Stores, Homes, Offices, etc. Adaptable for Other Uses.

DI 6470—Photo-Cell-Relay Unit and Light Source. Ready for operation. For use on 115 volt, 60 cycle AC lines. Less batteries.

YOUR PRICE.....\$2734

Consists of two units: a source of invisible infrared light and a sensitive photo-electric cell. The infra-red light is focused upon the photo-cell relay unit, either directly or reflected by mirrors. The maximum range of light projection is approximately 75'. Any interruption of this invisible light beam operates a relay that rings a built-in, battery operated bell, external bell or any other warning device of your choosing. Any break of the 115 volt wiring to the unit will sound the alarm also. The alarm will continue to ring until re-set by means of a keyless combination locking device on the relay unit. Both units are housed in black wrinkle finished metal cases. Size, Relay Unit, 6 1/2" x 7 1/4" x 1 1/2". Light Unit, 7 1/2" x 3 1/2". Uses two 1 1/2 Volt external dry cells.

DI 6471—External Alarm Signal. Consists of 5" alarm bell, batteries and 25' cable. Connects to ring simultaneously with bell in relay unit. Black wrinkle finished metal case. Size, 10x10x4".

YOUR PRICE.....\$764

DI 6472—Mirror with adjustable mounting bracket. Size, 8x12 1/4".

YOUR PRICE.....\$265

Eby Experimental Electric Eye Kit



C13881—Complete Electric Eye Kit. Easily assembled.

YOUR PRICE.....\$794

A popular kit for experimental purposes in electronics. Contains all necessary parts for building eight various electric eye circuits. Kit includes: Eby electric eye, Eby Sensitive Relay, amplifier tube, tube and eye sockets, potentiometer, resistors, condensers, terminal strip, all necessary hardware, punched and drilled chassis base and the Electric Eye Booklet. For use on 115 volts, 60 cycles AC

er tube, tube and eye sockets, potentiometer, resistors, condensers, terminal strip, all necessary hardware, punched and drilled chassis base and the Electric Eye Booklet. For use on 115 volts, 60 cycles AC

Eby Electric Eye



C13880—YOUR PRICE.....\$206

Compact photo-cell, sensitive to both visible and invisible light. Reacts both to intensity and frequency of incident light rays. Sturdily constructed and housed in shock-proof and moisture proof bakelite case. Mounts in standard 4 prong socket. For use with other components in suitable circuits to operate relays in controlling electrical equipment. Size, 1 1/4" dia. x 3/4".

4 prong socket. For use with other components in suitable circuits to operate relays in controlling electrical equipment. Size, 1 1/4" dia. x 3/4".

Eby Electric-Eye Booklet



C12642—YOUR PRICE.....29¢

Contains helpful information on the electric eye. Of particular interest to the technician interested in electronics. Describes in detail the principle of photocells covering theory and practice. Well illustrated. 30 Suggested circuit diagrams are also given. 32 Pages. Size, 8 1/2" x 11".

Headphone Adapters



Adapts Any Radio for Headphone Reception.

DI 2182—For 4 prong tubes.

DI 2183—For 6 prong tubes.

DI 2184—For Octals.

YOUR PRICE, Each.....88¢

For adding crystal or magnetic headphones or magnetic speaker to any radio. Does not alter receiver circuit or operation. Wafer adapter slips under power tube and headset or external speaker connects to the combination screw and phone tip jack terminals on the bakelite coupler. Condenser in plate circuit. Two adapters required when used with push-pull tubes.

Genuine

Nathaniel Baldwin

Famous Head Phones

C9405

Your Very Special Price

\$425



Type C

Manufactured by Nathaniel Baldwin at the special request of RADOLEK. This is without doubt your last chance to obtain a set of these prized head phones. World famous for many years because of their extreme sensitivity and great efficiency. Balanced armature units accurately matched and carefully tested. Used extensively by U. S. Signal Corps, Navy, and by professional operators. Moulded bakelite cases enclose units. While very sensitive they are very rugged and will stand up under hard usage. Complete with adjustable headband and cord. Fitted with MICA diaphragms.

Brush Crystal Headphones



A piezo electric headphone of exceptionally high quality and excellent frequency response from 100 to 10,000 c.p.s. Impedance 50,000 ohms. For amateur, experimental, hard of hearing and Public Address monitoring use. Phones are housed in dark red-brown plastic case. Net wt. 6 oz. Complete with 5' cord and adjustable headband.

C9419—YOUR PRICE...\$529

Communications Headphones

Especially designed for comfort and dependability. Can be worn for hours at a time without discomfort. Soft rubber jacket on phone insures good ear seal and safety against shock. Shockless cord design allows greater freedom of movement. Electrical characteristics similar to general purpose type above. Net wt. 6 oz. Complete with 5' cord and adjustable headband.

C9418—YOUR PRICE.....\$706

Single Phone with Head Band

Electrical characteristics same as above phones. Metal headband with rubber cushion on the side opposite the phone. Complete with 5' cord. Net wt. 3 oz.

C9420—Bakelite case. List, \$5.00

YOUR PRICE.....\$294

C9417—Aluminum case with soft rubber ring for comfort and good ear seal. Especially suited to hard of hearing applications. List, \$5.25.

YOUR PRICE.....\$309

Lorgnette Headphone

Designed especially for hearing aid application. Dark red-brown moulded plastic case. Exceptionally fine response from 100 to 10,000 c.p.s. Handle adjustable from 12" to 17". Complete with 5' cord.

C9423—List, \$6.50.

YOUR PRICE.....\$382

Brush Hushatone Speaker

An efficient pillow-type speaker. Permits user to enjoy radio programs while in bed, without disturbing or interfering with others in the same room. Easily attached to any radio set. Particularly useful with portable or AC-DC sets. Bakelite body fully enclosed in sponge rubber. May be immersed in liquid for sterilization. Size, 2 1/2" x 2 1/2" thick. Net wt., 7 oz. Includes 7' cord.

C9428—List Price, \$7.50.

YOUR PRICE.....\$441

Phone Cushions

D9406—YOUR PRICE PAIR.....23¢

TEN PAIRS FOR.....\$1.98

Made of soft sponge rubber. Very light, comfortable. Fits all phones.

Special Value

Headphones

R9430—2000 ohms. **95¢**

YOUR PRICE.....

R9431—4000 ohms. **\$120**

YOUR PRICE.....

An exceptional value. Unusually sensitive and efficient headphones. Noted for fidelity and clarity of tone. Spun and buffed aluminum cases and caps. Single strap adjustable headband. Light in weight and comfortable.



Single Earphone

With Bakelite Ear Piece and 3' Cord.

Stock No.	Your Price	Ohms Resist.	Stock No.	Your Price
C9410	59¢	1000	C9412	54¢
C9411	70¢	2000	C9413	65¢

Carron Headphones

Model "Super R9"

R9432—2000 ohms. **\$135**

YOUR PRICE.....

R9433—4000 ohms. **\$156**

YOUR PRICE.....

Represents the latest in telephone engineering. 2 x 2 1/2" magnets made from nickel-iron-aluminum alloy having high coercive force. Will not loose sensitivity. Mica Diaphragms. Adjustable headband. 5' cord. Bakelite ear-pieces.



Cannon-Ball Headphones

Thoroughly reliable high quality full size headphones. Responsive to weak signals. Adjustable stainless steel headbands. Complete with cords. Aluminum shells, practically unbreakable bakelite caps. Very light and comfortable to wear.

R9407—2000 ohms

YOUR PRICE.....\$1.65

R9408—3000 ohms

YOUR PRICE.....\$1.85



Individual Volume Control

For either portable or permanent installation of hard of hearing and other headphone installations. Permits each person to adjust volume to their particular requirement. Attractively designed. Brown wrinkle finished metal case. Body size, 2 1/2" x 3/4". Tip jack terminals. Supplied with 4 ft. cord.

A9449—YOUR PRICE.....\$159



Special 4 1/2" Dynamic

250 Ohm Field, Voice Coil 1/2", 2 Ohms Impedance

K15631—List Price, \$2.50.

YOUR PRICE, EACH.....59¢

Ten for \$5.50

The Smallest Satisfactory Dynamic Speaker Made. Three Point 2 inch mica spider-web

voice coil support. Low resistance Hum-Bucking coil. Handles 1 1/2 watt signal with surprising tone quality for such a small reproducer. Extends 2 1/2" back of baffle. Output Transformer not included. Low resistance field coil permits substitution of field in place of first filter choke.



Amplifier Handbook and P. A. Guide

DI 2568—YOUR PRICE.....25¢

YOUR PRICE.....

Covers amplifiers and sound system installation. With the information contained in this book every man engaged in radio can have both a theoretical and practical knowledge of the functions and operation of sound systems. Explains all types of microphones, speakers, baffles, etc. Includes mathematical formulas. Many illustrations. Printed on fine paper. 80 Pages. Size 6 1/2" x 9 1/2"



Static Free

FREQUENCY MODULATION

Receivers-Adapters-Reproducers-Parts

High Fidelity

Static-free radio, for years the dream of engineers and set owners alike, is now a practical reality. At last perfect radio reception, utilizing the entire audible tone range, and covering the complete volume range from dead silence to loudest symphonic fortissimo, is here. F-M reception entirely free from atmospheric, man-made or broadcast station interference, is today available at moderate cost, easily within reach of the large majority of set owners everywhere.

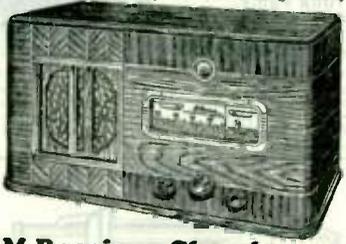
The money making possibilities from the sale of frequency modulation receivers and equipment are BIG. Many localities in the United States are already being served by frequency modulation transmitters, and others are rapidly being added. In addition, wide publicity being given FM reception by national magazines and daily newspapers are creating a keen public interest. Cash in now on the greatest money making opportunity in radio since the "lush 20's."

Meissner Frequency Modulation Receivers

Table Model D17545—Uses same chassis and speaker as console model listed to the right. Housed in gracefully

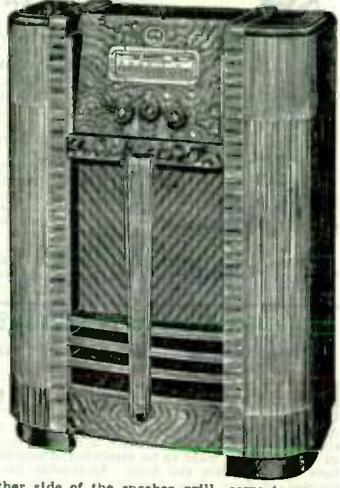
proportioned two toned walnut cabinet. Size 12 1/2 x 22 3/4 x 11 1/2" deep. Complete with tubes. List, \$99.25. **YOUR PRICE \$58³¹**

Of Interest to P.A. Men Each of the 3 F-M receiver models described, come as equipped with special shielded cable leading from detector stage for connecting tuner output to any external amplifier and speaker system.



For Perfect Radio Reception
Noiseless
Static-Free
High-Fidelity

The new Frequency Modulation system of transmission and reception is now definitely out of the laboratory stage. New type transmitters are being built daily and many more are being planned. If you do not already have an F-M station serving your locality, a check with your local broadcasters should quickly reveal the possibilities of early service of this type in your community.



Console Model F-M Receiver

The F-M Receiver Chassis described to the left, attractively housed in an acoustically correct walnut console cabinet having grain walnut side and top panels with contrasting sileed-burl walnut inclined front panel. A horizontal band of mahogany placed at the upper and lower portions of the cabinet and on either side of the speaker grill, serve to accentuate the attractiveness of this truly fine piece of radio furniture.

D17547—Meissner Console Type F-M receiver, complete with tubes, high fidelity tone chamber and P.M. Dynamic Speaker. For 110 V. 60 cyc. AC operation. Size 41x30 1/4 x 15 1/2" deep. Ship. wt. 105 lbs. List, \$135.00. **YOUR PRICE \$77⁹¹**

Write us regarding any new developments in frequency modulation. Radolek will always have the latest information ready to pass on to you.

Complete F-M Receiver Chassis

A high-gain RF stage and mixer-oscillator tube feeds the 4.3 Mc IF signal into a 3 stage IF amplifier and limiter system; a special diode detector arrangement provides a distortion-free audio signal for the two-stage high-fidelity audio amplifier. Has VR150 voltage regulator tube, ceramic sockets and coil forms, and air trimmed discriminator and IF transformer. Large slide-rule type dial with illuminated scale is direct reading from 42 to 50 Mc. AVC circuit minimizes or entirely eliminates fading. A 5-step tone control gives full adjustment of high and low frequency response. Maximum undistorted power output, 6 watts. Tubes used: one each, 6SA7, 6H6, 6SC7, 6AD6B, 5U4G, 6CS, 6L6G, VR150 and two each 6BK7, and 1852 (6AC7). Chassis size: 10x12x3". For 110 V. 60 cyc. AC operation. Wt. 16 lbs. less tubes. **D17546**—Meissner F-M Receiver Chassis completely wired and factory aligned, less tubes, and speaker. List, \$68.35. **YOUR PRICE \$40⁰⁸**

D1336—Set of 12 matched Sylvania tubes for above. List, \$19.60. **YOUR PRICE \$9⁸⁰**

The Newest Development in Radio!

Browning Tuner and Parts for F-M Reception

Model BL43A
Transceptor
Adapts Present Day Radios To F-M Operation



D17571—Model BL40T 40 to 50 Mc. F-M RF Tuner. Tubes used, 1-6BK7 and 1-6K8. Operates with Model 3000A IF amplifier, listed below. Factory wired and aligned, less tubes and dial. **YOUR PRICE \$11⁷⁰**



D17572—Model BL-3000A 3 MC broad band 2 stage IF amplifier and chassis with mixer, limiter, detector, volume control and AC switch. 10 1/2 x 9 1/2 x 2 1/2" Chassis has all holes punched for BL40T RF tuner, power supply and push-pull power amplifier. Tubes used: 1-1852, 1-6BK7, 1-6SJ7, 1-6H6. **YOUR PRICE \$24⁹⁰**

A complete F-M seven tube tuner for those wanting professional appearance. Easily connected to the Audio Channel of any present-day radio set or, when combined with any good audio amplifier and speaker, a complete F-M receiver can thus be constructed. Contains 1 RF, oscillator and mixer, 2 IF, limiter and detector stages with power supply and volume control built in. Has 6" Slide rule dial calibrated from 40 to 50 Mc. Attractively housed in walnut veneer cabinet, 18x11x24" high. For 115 V. 60 cyc. AC operation. **D17570**—Browning BL-43A F-M Transceptor complete with power supply, less tubes. List, \$91.75. **YOUR PRICE \$55⁰⁵**

D1337—Complete Set of 7 matched Sylvania tubes for above. **YOUR PRICE \$44¹¹**

Individual FM Parts
D9745—3 Mc. IF Transformer. **YOUR PRICE \$1²⁰**
D9746—3 Mc Detection Transformer, air tuned. **YOUR PRICE \$3⁷⁵**
D10634—Slide-Rule Dial, Has 6" illuminated scale calibrated from 40 to 50 Mc. **YOUR PRICE \$3¹⁵**
D10639—Slide-Rule Dial, same as above except has 4" scale. **YOUR PRICE \$2¹⁰**
D18484—Punched chassis for RF and IF tuners, audio amplifier and power supply. Size 10 1/2 x 9 1/2 x 2 1/2". **YOUR PRICE \$2⁷⁰**

I.C.A. "Q" Matching Dipole F-M and Television Antenna



Specifically designed to cover a continuous frequency range of 40 to 90 MC which includes the 42 to 50 MC F.M. Band. May also be used for television. Consists of two 60" adjustable nickel plated admiralty brass sections mounted on a bakelite base with high dielectric insulators. The sections can be adjusted (tuned) to maximum response for a particular F.M. or Television station. Incorporates the "Q" method of coupling between the transmission line and antenna.

D15959—F.M. and Television Antenna complete less lead-in cable. List, \$5.50. **YOUR PRICE \$3²³**
D15960—F.M. and Television Antenna complete with 60 ft. of transmission lead-in cable. List, \$7.50. **YOUR PRICE \$4⁴⁰**

3 Section Bi-Telescopic Reflector Type F-M and Television Antenna



A truly efficient antenna system for best reception of FM and Television signals. Made of nickel plated large diameter admiralty tubing, consisting of stationary section with adjustable telescopic ends so arranged as to compensate for space wave frequency reflections. Mounted on low resistance bakelite base with 2 high dielectric insulators. Length, 10 ft. overall.

D15965—Antenna and reflector with insulators. List, \$5.00. **YOUR PRICE \$2⁹⁴**
Special Transmission Cable for above.
D4973—60 ft. Roll. List, \$2.25. **YOUR PRICE \$1³²**
D4974—100 ft. Roll. List, \$3.75. **YOUR PRICE \$2²⁰**

Utah Baflex Reproducers For F-M Reception

For use where best reproduction of complete F-M audio tone range is desired. Incorporates the latest developments and improvements for high fidelity reproduction of music and voice. All back radiation has been eliminated. Bass response greatly improved. High frequency response up to 9500 cycles is clear and without cabinet resonance or vibration distortion. Cabinets are sturdy in construction and attractively finished in two tone satin bronze. Comes complete with speaker, but less output transformer.

Stock Num.	Cone Dia.	Magnet Imp.	V.C. Normal	Input Watts Max.	Overall Size	List Price	Your Price
D15663	8"	20 oz.	8	12	15 11 1/4 x 17 1/4 x 24"	\$29.50	\$17.34
D15664	8"	31 oz.	8	12	18 11 1/4 x 17 1/4 x 24"	\$33.50	\$19.70
D15665	12"	46 oz.	8	17	26 12 1/4 x 22 1/4 x 31"	\$44.50	\$26.16
D15666	12"	7 lbs.	8	22	33 12 1/4 x 22 1/4 x 31"	\$59.50	\$34.98

See Page 86 for complete listing of output transformers



Special MONEY SAVING Values

Vita-Juicer Juice Extractor



The Newest and Finest Machine for Extracting Clear, Pulp-Free Juice from Fruits and Vegetables Electrically Operated

D18254—For 105-120 volt, 50-60 cycle AC operation.
List Price, \$34.50.
YOUR PRICE \$24.15

A compact, simply constructed electrically operated device designed to extract the clear, pure un-adulterated juice from fruits and vegetables including leafy and tuberous vegetables such as carrots, celery, spinach, etc. Fruits or vegetables are fed thru an opening in the cover and are quickly converted to a fresh clear juice that requires no additional pressing or straining. Quiet in operation. Durable construction of high grade non-rusting materials. Inside bowl has a baked white enamel finish. Outside is finished in Ivory baked crackle enamel for lasting beauty. Size 7 1/2" dia., 9" high. Wt. 12 lbs.

Sessions "Kloxit" Timer

Helps You to Remember the Things You Are Always Forgetting

D18237—Ivory } YOUR PRICE \$1.96
D18238—Green } EACH
D18239—Black }



A daily accurate timing device that keeps track of the minutes for you and sounds a cheery musical note at any time you want to be reminded of something you have to do within the hour. Invaluable for a great number of uses about the home and for commercial applications. Self winding when setting dial. Dial marked in minutes up to one hour. Metal case, size 4 1/2"x1 1/2"x2".

Admiral Touch-O-Matic Auto Radio Tuning Unit



Converts any auto radio to push button electric tuning. Touch a button in comes your station. Can be connected to automatically tune five of your most popular stations. "Windows" provide spaces for call letters of stations selected. Manual tuning can be used by pushing a sixth button. Easy to install, the push button unit is housed in a polished bakelite case 5 1/2"x1 1/2"x1 1/2". Mounts on the steering post or under the dash. The control mechanism is housed in a rust proof metal case fitted with holes for attaching to case of auto radio on which it is to be installed. A20047—TOUCH-O-MATIC Tuning unit. Complete with connecting cable, hardware and instructions. List Price, \$8.95.
YOUR PRICE \$1.95

"Radio Service" Electric Sign

It Tells! It Sells!



R16901—YOUR PRICE ONLY... **\$1.98**
Advertise! Let these attractive Signs tell the world YOU fix 'em. Your Service calls will increase—your PROFITS will increase—and your shop will be identified as radio headquarters in your locality. Customers won't flock to your shop if it is dark and unattractive. Brighten it up! Install an Electric Sign. Install One of These Signs.

This sign tells every passerby the location of your business. A sales help you need. The greatest sign value of this type ever offered. Sturdily constructed of metal, enameled black with aluminum finished trim. Background on glass is black and the words "Radio Service" are in red "neon-effect." Interior illuminated with single lamp. Economical to operate. Easily read from a great distance. Lamp socket and attaching cord included. No bulb included. Size: 15"x9"x5" deep.

Pocket Screw Driver Kit

C5787—Set of 3 Screwdrivers in Leatherette Pocket Case. **82c**
YOUR SPECIAL PRICE....

A necessity for every serviceman. Contains 3 transparent, shock-proof, unbreakable handle type screwdrivers with 1/8" dia. 4" long, 1/8" dia. 8" long and 3/16" dia. 6" long blades. Black leatherette case has compartment for other tools and double snap fastener for carrying in pocket or on belt.

C5788—Case Only. Less Screwdrivers. **19c**
YOUR PRICE.....



"Ro-Tray" Cigarette Ash Tray

Turn the Top and See A Cigarette Pop

D31300—Brown
D31301—Red
D31302—Lt. Blue
D31303—Dark Blue
D31304—Green
D31305—Ivory

YOUR PRICE, Any Type, Each... **73c**
In Lots of 12 or More, Each **67c**



The modern way to serve cigarettes. Keeps them handy, sanitary and undimmed. Consists of black glass ash tray mounted on aluminum container with provisions for storing up to 20 cigarettes. Small coil spring in each cigarette compartment raises cigarette through hole in the ash tray as it is rotated. Simply reloaded. Available in various colored leatherette bands. Size 4" dia., 3/4" high.

Walsco Staple Driver

Easy to Use Saves Time

Complete with 230 Staples



D14192—Cadmium Plated. YOUR PRICE \$2.97
D14193—Chrome Plated. YOUR PRICE \$3.82

A sturdy light weight staple driver for quickly anchoring wire, insulating material, signs, etc. to any wall or surface. Automatically sets staple to any depth with minimum effort. By striking staple with palm of hand, staples enter ordinary soft surfaces with one stroke, hard surfaces take only a couple of strokes or a mallet or hammer can be used for driving staples into brick, soft concrete, sheet metal and can be quickly loaded. High quality steel staples coated with insulating material. Staples come in strips of 23.

D14194—Leather carrying case. YOUR PRICE \$1.12
D14195—Ivory Finished Staples 230 for... **24c**
D14196—Brown Finished Staples 230 for... **24c**
D14197—Blued Staples 2300 for... **\$2.00**

Eveready Streamline Flashlights

With Pre-Focused Bulb

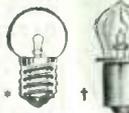
Distinctively styled. Wear resistant chromium finished seamless brass case with rolled on smooth black baked enamel decoration. Features pre-focused lamp, die cast reflector, lamp shock absorber and streamlined look switch. Batteries replaceable from lens end. No batteries included.



D33—Eveready 2251 Standard 2 Cell. Uses two 950 cells. Size 1 1/2"x6 1/2". List Price, 80c. **55c**
D34—Eveready 2231 Baby 2 Cell. Uses two 935 cells. Size 1 1/2"x5 1/2". List Price, 78c. **52c**
PRICE, Each, 56c. Less 2% Six In Display Carton, PRICE, \$3.29

Mazda Flashlight Bulbs

Guaranteed finest quality.



† Miniature Lens type (not shown).

Stock Num.	Max. Num.	Volt	Amps.	List Each	Ten for
D10568	222†	2.2	0.25	9¢	53c
D10468	PR2†	2.4	0.50	13¢	77c
D10570	14**	2.5	0.30	9¢	53c
D10571	PR3†	3.6	0.50	13¢	77c
D10571	13*	3.8	0.30	9¢	53c
D10468	608*	6.0	0.50	10¢	59c

Magazine Subscription Offer



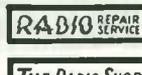
Here is your chance to subscribe to two popular radio magazines at way below the regular year-long subscription price of \$2.00 each. **12 Monthly Issues**

YOUR PRICE ONLY... **\$1.25**

DX12400 — Radio-Craft. Covers Radio, Television, Facsimile, Electronics and Sound. Over 125 illustrations and diagrams in each issue with service data, kinks, circuits, etc.

DX12401 — Radio & Television. Contains latest radio and television news, construction articles, pictorial diagrams, questions and answers, hook-ups for experimenters, kinks, newest radio apparatus, etc.

Embroidered Silk Emblems



THE RADIO SHOP

D12402—Radio Repair Service. Each **25c**
D12403—Radio Service Manager
D12404—Service Manager
D12405—The Radio Shop

Advertise your business in this inexpensive way. Ready for attachment to shirts, coveralls, jackets, caps, etc. Border and lettering embroidered in gold silk on royal blue background. Washable. Size approx. 5 1/2" times above illustrations.

Bakelite Test Case

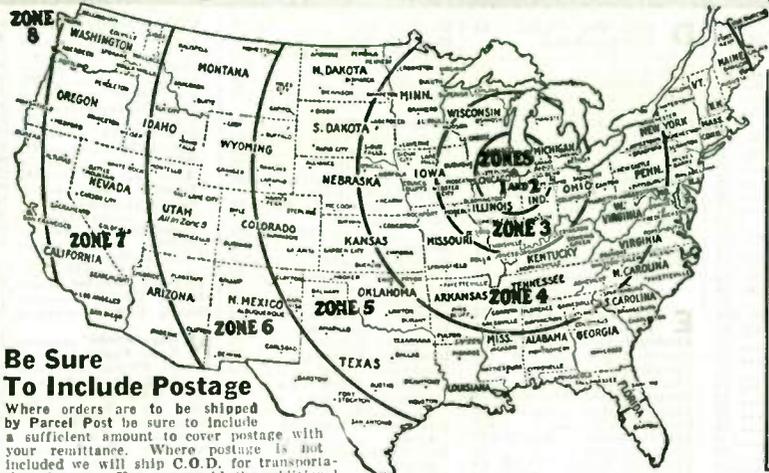


K12351—With top panel.

YOUR PRICE **59c**

Polished brown bakelite with beveled bakelite top plate mounting with two insulated screws. Size of case 4 1/2"x2 1/2"x1 1/2". Inside depth 1 1/2". 2 3/4" between inside panel supports. Supplied with six 1/4" holes for small pin jacks, or wires. This is the ideal size small instrument case for small radio apparatus.

It's Easy to Figure Delivery Charges on Your Order



Be Sure To Include Postage

Where orders are to be shipped by Parcel Post be sure to include a sufficient amount to cover postage with your remittance. Where postage is not included we will ship C.O.D. for transportation charges. You can avoid the additional expense of C.O.D. collections by sending sufficient postage. Any excess amount sent for Parcel Post charges will be promptly credited.

Table of Approximate Rates Per 100 lbs. for Express and Freight

From Chicago to	Express per 100 Pounds		From Chicago to	Express per 100 Pounds	
	1st Class	Freight per 100 Lbs.		1st Class	Freight per 100 Lbs.
Alabama	\$3.75	\$2.40	Nebraska	\$3.90	\$2.25
Arizona	7.30	4.12	Nevada	9.10	4.75
Arkansas	3.59	1.60	N. Hampshire	4.00	1.49
California	10.05	4.75	New Jersey	3.75	1.43
Colorado	6.15	3.65	New Mexico	5.60	3.35
Connecticut	3.85	1.49	New York	3.35	1.18
Delaware	3.70	1.42	No. Carolina	3.75	2.50
Florida	5.05	2.20	No. Dakota	4.50	2.60
Georgia	3.50	2.32	Ohio	2.15	.80
Idaho	7.90	4.50	Oklahoma	3.85	2.14
Illinois	1.85	.75	Oregon	9.75	5.10
Indiana	1.65	.70	Pennsylvania	3.75	1.40
Iowa	2.57	.98	Rhode Island	4.00	1.49
Kansas	3.80	2.04	So. Carolina	4.10	2.29
Kentucky	2.20	.98	South Dakota	4.35	2.65
Louisiana	4.20	2.06	Tennessee	3.30	1.75
Maine	4.50	1.49	Texas	7.15	2.37
Maryland	3.45	1.25	Utah	6.90	4.13
Massachusetts	4.00	1.49	Vermont	3.95	1.60
Michigan	3.95	1.09	Virginia	3.60	1.39
Minnesota	3.60	1.49	Washington	9.45	5.10
Mississippi	3.75	1.80	West Virginia	2.95	1.03
Missouri	2.62	1.35	Wisconsin	2.65	.60
Montana	5.35	3.75	Wyoming	5.50	3.50

NOTE—To estimate Express charges for shipments under 100 pounds—the minimum charge for a one-pound package sent by Express is 36c, ranging up to 42c for highest rate. Beginning with the minimum, charges are increased according to weight of package. For instance the 10 pound rate varies from 44c to \$1.00. The poundage rate varies from about 6% down to about 55% of the hundred pound rate for 50 pounds (from 80c to \$3.82) with the charges for intermediate weights above and below 50 lbs. in approx. proportion.

How to Order

Send your orders on our convenient Purchase Order forms, or in any other manner convenient to you. Be sure to specify Stock Number and Price of each item. Print your Name and Address plainly.

We will ship C.O.D. Most of our customers prefer to send cash with order to avoid extra collection costs. All orders for heavy merchandise to be shipped to distant points should be accompanied by a 25% deposit.

Your Order Solicited

We solicit orders from those actively and commercially engaged in the radio industry. Manufacturers, Radio Dealers, Radio Servicemen—Industrial and Institutional Laboratories, Public Utilities, Schools, Colleges, Engineers, Experimenters, Radio Amateurs whether registered or not, and those recognized as engaged in developing the Art of Radio. We will also accept orders from the United States Government, Federal Institutions, State, County, Municipal and other governmental bodies and institutions.

Payment Terms

Our terms are cash with order or C.O.D. Catalog prices are Net—F.O.B. Chicago or factory. All Trade and Cash Discounts have been deducted. While we do not impose minimum order restrictions on our old customers, it will profit you to make up at least \$5.00 orders to avoid additional exchange charges. We will be obliged to pass on to you the exchange charge, made by the Banks, on all personal checks for less than \$5.00. C.O.D. orders from new customers should be accompanied by a 25% deposit.

Parcel Post Rates

The limit in size is 100 inches in length and girth combined. The postage on any parcel over 84 inches and weighing less than 10 pounds will be chargeable for 10 pounds at the zone rate.

Table for Packages Weighing 1/2 pound to 20 pounds

Weight Pounds	Zone 1&2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
	Up to 150 miles from Chicago	150 to 300 miles from Chicago	300 to 600 miles from Chicago	600 to 1,000 miles from Chicago	1,000 to 1,400 miles from Chicago	1,400 to 1,800 miles from Chicago	Over 1,800 miles from Chicago
1	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
2	.10	.11	.14	.17	.19	.23	.26
3	.11	.13	.17	.22	.26	.32	.37
4	.12	.15	.21	.27	.33	.41	.48
5	.13	.17	.24	.33	.40	.50	.59
6	.14	.19	.28	.38	.47	.59	.71
7	.15	.21	.31	.43	.54	.68	.81
8	.16	.23	.35	.49	.61	.77	.92
9	.17	.25	.38	.54	.68	.86	1.03
10	.18	.27	.42	.59	.75	.95	1.14
11	.19	.29	.45	.64	.82	1.04	1.26
12	.21	.31	.49	.70	.89	1.13	1.36
13	.22	.33	.52	.75	.96	1.22	1.47
14	.23	.35	.56	.80	1.03	1.31	1.58
15	.24	.37	.59	.86	1.10	1.40	1.69
16	.25	.39	.63	.91	1.17	1.49	1.80
17	.26	.41	.66	.96	1.24	1.58	1.91
18	.27	.43	.70	1.02	1.31	1.67	2.02
19	.28	.45	.73	1.07	1.38	1.76	2.13
20	.29	.47	.77	1.12	1.45	1.85	2.24

For packages over 20 pounds and up to 70 pounds. ADD for each pound:

1.1c	2c	3 1/2c	5c	7c	9c	11c
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NOTE—Packages weighing under 1/2 pound allow 1 1/2c per ounce. Packages over 1/2 pound (8 ozs.) and not more than 1 pound take 1 pound rate. Packages weighing over 1 pound and less than 2 pounds take the 2 pound rate. Always use the next higher pound rate for pounds and fractional pounds. FOR EXAMPLE: —1 1/4 pounds requires 2 pound rate, 2 1/4 pounds requires 3 pounds rate.

Fastest Delivery

We are constantly striving to "cut-time" and to set new speed records on our excellent Shipping Schedule. Most orders are shipped the same day they are received. You cannot afford unreasonable delay. Radolek service means delivery right to your door of the exact merchandise you want, quickly and exactly as ordered.

Equipped For Service

The most modern stock and shipping equipment—a hustling organization and an experienced and capable management—all combine to give your orders the individual attention that you want.

Prices Quoted

Prices quoted are for usual commercial quantities. If you can use any items listed in larger quantity, please write for special quotation stating quantity you can use.

"List Prices" shown are those suggested by the manufacturers or by us and are intended as a guide to you in setting an average retail or installed price. "Your Price" or "Net Price" is the net price you pay. The cash discount has also been deducted.

SEND NO MONEY We Will Ship C.O.D.

You need not send a remittance with your order unless you wish to do so. We will ship C.O.D. any merchandise shown in our catalog, but we request that new customers on their first orders, or orders for heavy merchandise to be shipped to distant points be accompanied by a 25% deposit if to be shipped C.O.D. Most of our customers prefer to send cash with order, thereby eliminating delay and unnecessary expense of C.O.D. collection. You may remit by post office or express money-order, bank draft or personal check, as you prefer. If you send currency be sure to register the letter for we cannot be responsible for cash lost in the mails.

Prices Subject to Market Change

We expect to be able to maintain prices quoted during the life of this catalog. However we reserve the right to revise prices should market conditions compel us to do so. Should any prices advanced we will protect you against increased prices for as long as is reasonably possible. We pledge ourselves not to profiteer—we will not raise prices unnecessarily. But where prices are advanced generally on primary markets we may be obliged to make adjustments.

On sales in the State of Illinois we reserve the right to increase our prices, to the extent of any increase in cost of doing business, that may be occasioned by the Illinois State Occupation (Sales) Tax Act.

Likewise on shipments to other states, should taxes of any nature be imposed we reserve the right to add the amount of such taxes to our sale prices.

SHIPPING ALLOWANCE On Orders of \$25.00 or Over

We will make a transportation allowance of 2% except where merchandise is already quoted prepaid and with the exception of Eveready Batteries.

This allowance can be applied on Parcel Post, Express or Freight Shipments. The allowance can be applied directly on Parcel Post Shipments. On Express and Freight Shipments it is usually necessary for us to make shipment charges collect, so that on Express and Freight Shipments you may make this deduction directly on your order or we will send you a credit for the amount of the allowance.

Remember

This transportation allowance of 2% applies only on orders for over \$25.00 and is not to be confused with the cash discount allowance of 2% which is already deducted from the Net Prices as quoted in this Profit Guide.

We Ship Subject to Inspection

We will ship any merchandise ordered, subject to your inspection if shipment is to go forward by express. In this manner, you may see the merchandise at the express office before you accept shipment, if you so prefer. If you desire inspection privileges, be sure to so state plainly on your order.



AC - DC
BATTERY

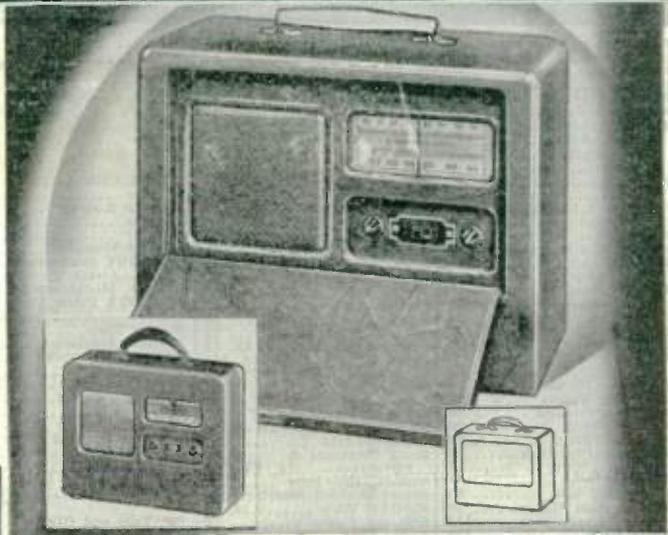
PORTABLE RADIOS

DeLuxe Combination Portable 5 Tube Battery or 110 V. AC-DC

Plays anywhere outdoors—indoors from self-contained batteries or external 110 Volt AC or DC power. Latest superhet circuit. 5 Tubes—all working. 5" P.M. dynamic speaker gives excellent tone and volume. Built-in aerial and full automatic volume control. Full vision, airplane type, illuminated dial, tunes broadcast and upper police bands—538 to 1620 Kc. Very economical on batteries, lasts 150 hours or more. Tubes: 1A7GT, 1N5GT, 1H5GT, 1T5GT and 35Z5GT. Case is attractively covered in durable brown leatherette, size 12 $\frac{1}{2}$ "x9 $\frac{1}{2}$ "x5 $\frac{1}{2}$ " deep. Weight with batteries, 18 lbs.

D17537—With drop hinged protective cover, 5 tubes and batteries. List, \$29.95.
YOUR PRICE,
Each **\$17.25**
In Lots **\$15⁹⁵**
of 3,
Each **\$14²⁵**
D101—Extra Set of Batteries..... **\$2.25**

D17538—Finished in Gray Airplane Cloth without protective cover but with 5 tubes and batteries. List, \$26.00.
YOUR PRICE,
Each **\$14.95**
In Lots **\$14²⁵**
of 3,
Each



Your Favorite Programs Wherever You Are

5 Tube 110 V. AC-DC or Battery Super

Carry it with you wherever you go. Tune in political speeches, dance music or favorite programs of every kind—at home, in the car, in the boat, on the beach, in the country—everywhere. Operates from either self contained batteries or 105-120 Volt AC-DC line power. Illuminated airplane type dial covers entire broadcast band 540 to 1550 Kc. Built-in antenna eliminates dangerous, trailing antenna wire. No ground connection required. Automatic volume control minimizes fading. 5" P.M. dynamic speaker gives excellent tone quality. Beam power output gives maximum volume at low power cost. **Battery life 150 hours or better.** The neatly styled cabinet, ruggedly built, is covered with durable sun and water proof airplane cloth. Tubes: 1A7GT, 1N5GT, 1H5GT, 1T5GT, 50Y6GT. Size: 9 $\frac{1}{4}$ "x 14 $\frac{1}{2}$ "x5 $\frac{1}{2}$ " deep. Wt. packed, with batteries 18 lbs.

Most For Your Dollar

D17539—Radolek DeLuxe Portable. Complete with 5 tubes and batteries. For portable battery or 105-120 volt AC or DC operation. List, \$22.95.
PRICE, Single Lots
Each, **\$14.50**
In Lots **\$13²⁵**
of 3, Each
D101—Extra battery pack for above. **\$225**
Each.....

4 Tube Super Battery Portable

Low priced 4 Tube, Battery operated, Portable Superhet . . . the biggest value for your money in this price range. Completely self-contained. Carry it everywhere! Play it anywhere! No house current! No aerial! No ground! Just turn it on and it plays instantly, indoors or outdoors. Tunes 535 to 1620 Kc. Airplane dial. Equal in performance to the average 5 Tube AC Radio. Attractively housed in a sturdy airplane luggage type case covered with waterproof fabric. Very compact, only 12" wide x 9 $\frac{1}{4}$ " high x 5 $\frac{1}{4}$ " deep. Weighs only 14 lbs. including batteries. Tubes: 1A7GT, 1H5GT, 1N5GT, 1Q5G. Provides extreme economy in operation with amazing power and marvelous tone at low cost. Battery life is at least 150 operating hours. 5" P.M. Speaker. Full AVC. Ship. wt. with batteries, 16 lbs.

Low Cost Light Weight

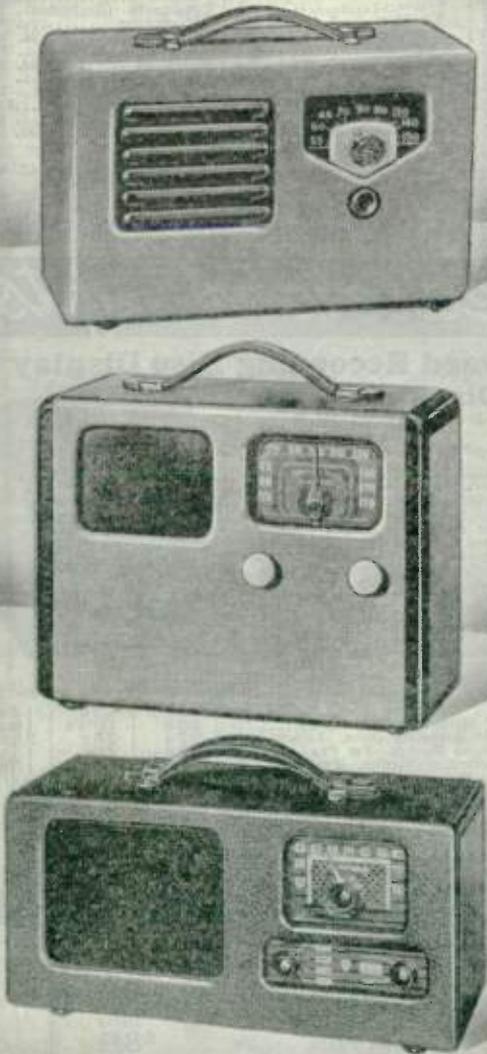
D17679—Radolek 4 Tube 1 $\frac{1}{2}$ Volt Battery Superhet Receiver. Complete with 4 tubes and batteries. List Price, \$18.95.
PRICE, Single Lots
Each, **\$11.95**
In Lots **\$11⁴⁵**
of 3,
Each.....
D132—Extra battery pack for above. Ship. wt. 7 $\frac{1}{2}$ lbs. **YOUR PRICE, \$225**
Each.....

5 Tube 110 V. AC-DC or Battery Super

5-1 $\frac{1}{2}$ -V. Flashlight Cells Supply Complete "A" and "B" Power
Operates also on 105-120 V. AC or DC in home, office, hotel etc., or 6-8 V. storage battery in car or boat. No expensive "B" batteries or "B" battery packs needed. 5 flashlight cells (obtainable everywhere) will give 10 or more hours of service or 10 cells will give 25 hours. The receiver, a powerful highly sensitive 5 tube superheterodyne with 3-gang tuning condenser and big 5 in. P.M. Dynamic speaker, has automatic volume control and efficient self-contained antenna allowing exceptionally good reception under all kinds of operating conditions. Attractively housed in durable pig-grained leatherette case with carrying handle and clips for mounting on car window. Large airplane dial covers 540-1750 Kc. Tubes: 1N5, 1A7, 3A8, 1T5, 35Z5. Size 13x 6x5 $\frac{1}{2}$ " high. Ship. wt. with batteries, 10 $\frac{3}{4}$ lbs.

Has Greatest Utility Value

D17508 — Radolek Four Way Portable Receiver Complete with 5 tubes and batteries. List Price, \$29.95.
Price Single Lots
Each, **\$19.55**
In Lots **\$18⁹⁷**
of 3, Each.
D103—Extra Batteries for above. Set of 5, List Price, 50c **YOUR PRICE..... 33c**





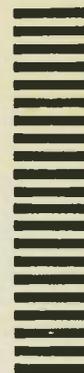
BUSINESS REPLY ENVELOPE
FIRST CLASS PERMIT NO. 10354, (SEC. 510 P.L.&R.) CHICAGO, ILL.

RADOLEK COMPANY

Randolph at Jefferson Street

Canal Station

Chicago, Illinois



Before Sealing Be Sure  **Your Name and Address are written**
plainly on the other side of this Blank.

Meet Competition With These Low Prices



6 Tube Superhet

Walnut Cabinet—Tone Control

This 6 tube table model attracts the eye with its handsome appearance, and enchants the ear with its full, rich tone. As a piece of furniture it harmonizes with any setting, and adds a sparkling modern touch to any room. Latest 6 tube superhet circuit provides plenty of power to bring in any station with volume to spare. **Tuning range, 540 to 1720 Kc.** Built-in non-directional antenna eliminates aerial and ground connections. Soft, indirect lighting makes the square, airplane type dial easy to read. **Variable tone control** allows delicate shading and faithful reproduction of music and voices. **Full-sized dynamic speaker** assures accurate, full-bodied tone of exceptional quality and clarity. Cabinet is Walnut, hand rubbed to a lustrous finish, with an unusual decorative band of Zebra-wood along the bottom. Loudspeaker louvers are durable and decorative plastic. Size: 9 1/2" x 15 1/2" x 6 1/2". Tubes: 1-12A8GT, 1-12K7GT, 1-12Q7GT, 2-50L6GT, 1-35Z5GT. Operates on 105-120 volt AC-DC.

D17597—Complete with tubes.
List Price, \$22.50.
YOUR PRICE, Each \$12.45
In Lots
of 3, **\$11.95**
Each

5 Tube AC-DC Super

6 Tube AC-DC Super



Built-in Aerial —Walnut Case

This attractive 5-tube superhet home portable is small in size but extra big in power, tone quality and all-around value. Tuning range, 540 to 1720 Kc. Has built-in antenna—may be plugged in anywhere without need for ground or outside aerial. 5" Dynamic speaker. Operates on 110 Volt AC-DC. Bands of Zebra-wood inlay at top and bottom add a distinctive touch to handsome Walnut finish wood case. The carrying handle on top is of ivory finish plastic. Louvers of the loudspeaker grille are dark plastic. Size 7"x11"x5 1/4". Tubes used: 12A8GT, 12K7GT, 12Q7GT, 50L6GT, 35Z5GT.

D17598—Complete with tubes.
List Price, \$17.95.
YOUR PRICE, Each \$11.25
In Lots of 3, Each

\$10.60



Push Button Tuning — Built-In Aerial

This 6 tube AC-DC Superhet is packed with super-values. Features tone-quality, power, range and appearance. No ground or aerial necessary—just plug in and play. 6 button synchronous tuning for instant reception of selected stations. 2 1/2 Band tuning range—540 to 1720 Kc and 2300 to 6250 Kc gets standard broadcasts, amateur, police, aviation and 6 megacycle foreign. Automatic Volume Control minimizes fading. Has 5" electro-dynamic speaker. Beautiful Walnut cabinet has convenient handle for carrying. Size: 8"x12 1/2"x6 1/2". Tubes: 1-6K8, 1-6K7GT, 1-6Q7GT, 1-6AE5GT, 1-25AC5GT, 1-25Z6GT.

D17579—Complete with tubes.
List Price, \$29.50.
YOUR PRICE, Each \$16.95
In Lots of 3, Each

\$16.25

4 Tube AC-DC Superheterodyne

High Performance — Low Price

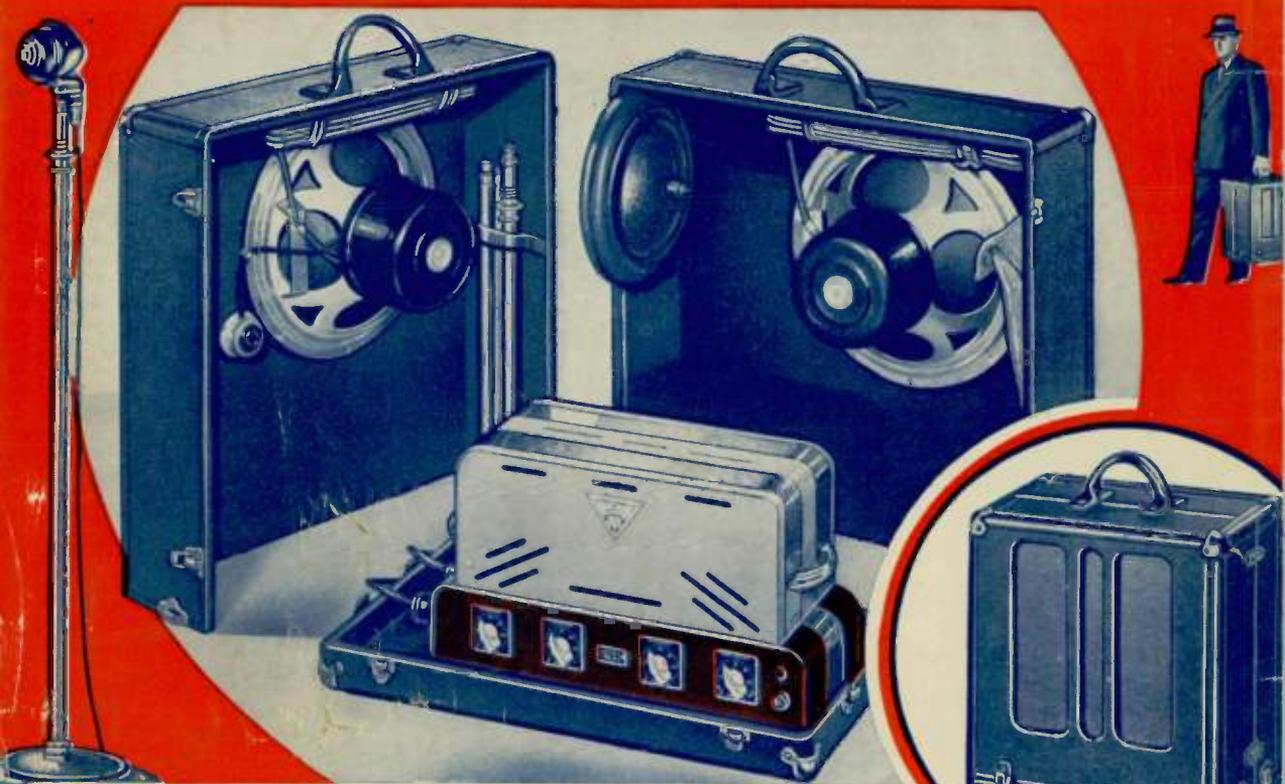
Attractively housed in a molded plastic cabinet this new superheterodyne receiver with 4 working tubes (no ballast tube) and built-in antenna is an outstanding buy. Covers full broadcast band and upper police bands, 540-1720 Kc. Illuminated aeroplane dial. A.V.C. minimizes fading. Use of new multi-purpose 150 Ma. tubes allows maximum set performance at lowest operating cost. Tubes: 12SA7, 12SQ7, 50L6GT and 35Z5GT. 5" Full tone dynamic speaker. Beam power output. For 105-120 volt AC or DC operation. Modern plastic cabinet ornamented with horizontal banding and contrasting vertical speaker louvers. Size 9 1/2" x 6 1/2" x 6 1/2". Wt. 7 lbs.

D17548—In Walnut finished plastic cabinet.
YOUR PRICE,
In Single Lots **\$6.49** **\$5.97**
In Lots of 3,
Each

D17549—In Ivory finished plastic cabinet.
YOUR PRICE,
In Single Lots **\$7.49** **\$6.85**
In Lots of 3,
Each



30 WATT PORTABLE Public Address SYSTEM



Will Handle Most of Your P. A. Requirements

This new 30 watt Portable P.A. system includes many new features never before included in a system of its size. Features increased operating efficiency, longer trouble free life and more adaptability to every type of installation.

Three Input Channels for two microphones and phonograph. Any two channels may be used at same time—two mikes or one mike and phono.

Dual Rectifiers for more stable and greater power output. Slow heater rectifiers allow other tube filaments to heat up before plate voltage is applied, preventing destructive power surges.

Treble-Bass Tone Controls in a newly designed feedback circuit eliminates distortion. Either low or high frequencies may be accentuated separately or at same time. Many variations possible, providing any tonal requirement.

True Electronic Mixing System provides any degree of blending or mixing of the three inputs without crosstalk between channels. Volume of any input channel can be adjusted without affecting volume level of other inputs.

Separate On-Off Switch. Power may be turned off without changing setting of controls.

Polarized Plug-In Connections provided for the three inputs and three speakers.

Speaker Impedance Selector Switch matches speaker impedance to amplifier by simply turning knob. Output impedances available are 2, 4, 8, 16 Ω , 25 Ω and 300 ohms for line or voice coil connections.

Ready to Set Up and Operate In Just a Few Minutes

Radolek Amplifiers and Systems are easy to install and operate and are reliable in operation. You need not have sound or engineering ability or other technical knowledge to obtain best results. By following a few simple instructions anyone can quickly set up and take down this equipment without error. **No complicated wiring!** Just "plug-in" the easily identified connections and you're all set to go. **Speakers and microphones are supplied with cables connected to polarized plugs making it impossible to make wrong connection.** Complete installation and operating instructions included. Each individual system is carefully checked by Radolek Engineers. A thorough test of the complete system is made before shipment, assuring you of trouble free operation when you receive it.

See Pages 104 and 105 For Additional Information

Additional Systems, more complete information on amplifier and selection of microphones available with the 30 watt Portable System are given on page 104 and 105.

Phonograph Attachment

Consists of constant speed phono motor with 9" turntable and high grade crystal pickup mounted on amplifier protective shield. May be substituted in place of regular shield. Amplifier has plug in connection jacks mounted so that all connections are enclosed inside of shield. May be purchased with amplifier or added to amplifier at a later date.

D15013—Phono attachment unit as described less amplifier. List, \$15.00. **\$7⁴⁵**
YOUR PRICE



Prices

30 Watt Portable System

For 105-120 Volts, 50-60 Cycle AC
D15023—Complete 30 watt Deluxe Portable System. Includes: Amplifier with protective shield, Matched set of 1 Sylvania Tubes, One microphone with 25 ft. of cable and plug, Demountable 60" floor stand that fits into carrying case. Two heavy duty 12 inch PM speakers, each with 25 ft. of cable and plug. All equipment housed in blue fabricoid carrying case with girth mounted to provide proper weight distribution and balance when carrying. Case size, 20 1/2" high x 12 1/2" deep x 18 1/2" wide. Net weight 60 lbs.
List, \$135.00.

YOUR PRICE **\$65⁷⁵**

30 Watt Amplifier Only

D15019—Radolek 30 Watt Deluxe Amplifier. Factory wired and Laboratory Certified. Supplied with protective shield but without tubes. List, \$50.00.

YOUR PRICE **\$24⁴⁵**

D15021—Amplifier with Eight Matched Sylvania Tubes: 2-45FD's, 1-6X4, 1-6N7, 2-6L6's, and 1-5V4 and 1-4X5.

List Price, \$65.00. **\$29⁸⁵**
YOUR PRICE

