

1935

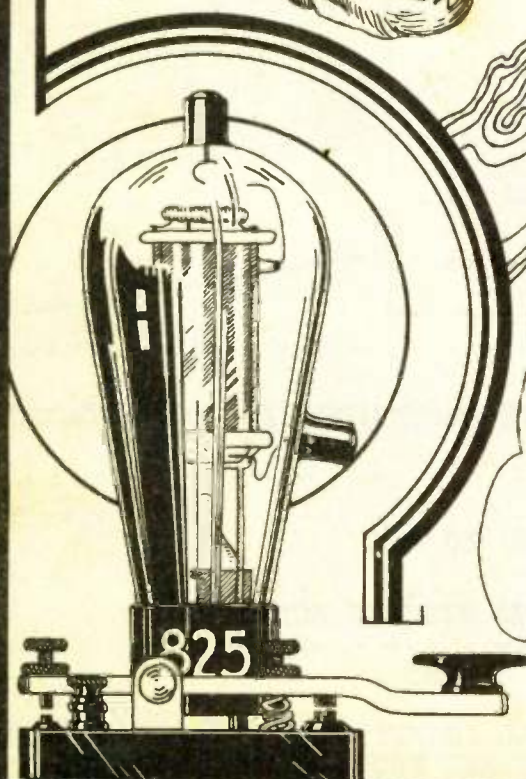
WALTER ASHE RADIO



**PIONEER
TRADING
POST**

MISSISSIPPI RIVER

**MODERN
TRADING
POST**



WALTER ASHE RADIO CO.



**PHONES
CHESTNUT - 7934
CENTRAL - 4039**

1100 PINE ST. ST. LOUIS, MO.

PARTS BOUGHT-SOLD AND TRADED-AT OUR MODERN COUNTER SERVICE

WALTER ASHE RADIO CO.

ELEVENTH AND PINE STREETS

ST. LOUIS, MISSOURI



1924

1935

OUR NEW POLICY

IN THE PAST YEARS, AMATEURS, EXPERIMENTERS, AND SERVICEMEN HAVE ENDEAVORED TO GET THE MOST OUT OF THEIR EQUIPMENT BY TRADING. THIS HAS BEEN DONE BETWEEN THEMSELVES AND HAS NEVER BEFORE BEEN ATTEMPTED BY A JOBBER. TODAY WE OFFER A PLACE TO "UNLOAD" AND "TRADE" WHAT YOU HAVE FOR WHAT YOU NEED. IN EVERY CASE WE WILL GUARANTEE VALUE FOR VALUE RECEIVED. HAVING TRIED THIS METHOD OUT, HERE IS ONE EXAMPLE OF A TRADE NEGOTIATED BETWEEN AN AMATEUR AND US:

HIS INQUIRY

OUR REPLY

HIS COMMENT

Carlisle Barracks,
Carlisle, Pa.
June 26, 1934

Walter Ashe Radio Co.,
1100 Pine St.,
St. Louis, Mo.

Gentlemen:

Noting your "Ham-Ad" in latest QST, I would like a bit of information. I have a current model SILVER 5B Super, with Raytheon tubes and Riley Crystal Filter. The tubes are absolutely OK, and the set has been scarcely used.

What allowance would you give on this receiver in trade?

Very truly yours,
F.B.V.
Captain

WALTER ASHE RADIO CO.
1100 Pine Street - - St. Louis, Missouri

June 28, 1934.

Captain F.B.V.
Carlisle Barracks,
Carlisle, Pa.

Dear Captain:

This is in reply to your letter of the 26th, reference to our QST add.

We can make you the following offer for your "Silver 5B" Super, complete with tubes and Crystal Filter Unit: \$..... in trade only.

Should our offer be attractive please pack your "Silver 5B" carefully and send it to us express prepaid. We will issue you credit for same immediately upon our approval of the receiver.

Very truly yours,
WALTER ASHE RADIO CO.

Walter Ashe Radio Co.,
Eleventh & Pine Sts.,
St. Louis, Mo.

Carlisle Barracks,
Carlisle, Pa.
July 2, 1934

Gentlemen:

Thank you very much for your prompt reply of the 28th. June.

I am sending you today, by prepaid express, the Silver 5B receiver.

I should think that you were in a most valuable service to the Amateur "profession" since there must be a great many who have perfectly good equipment which, for some reason or other, they cannot make full use of, and yet would be just the thing for some one else. Please allow me to wish your Company the greatest success.

Very truly yours,
F.B.V.
Captain

AND HUNDREDS OF OTHERS JUST LIKE THE ABOVE POUR IN CONTINUOUSLY
WHAT HAVE YOU GOT, WHAT DO YOU WANT???

IT COSTS NOTHING TO ASK

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

----- 0 -----
NOTICE FOR MAIL ORDERS

TERMS: CASH WITH ORDERS OR 25% OF TOTAL AMOUNT WITH ORDER, BALANCE C.O.D. IF FULL AMOUNT IS SENT BE SURE AND ENCLOSE ENOUGH EXTRE TO COVER POSTAGE AND INSURANCE, ANY EXCESS AMOUNT WILL BE RETURNED.

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WALTER ASHE RADIO CO.

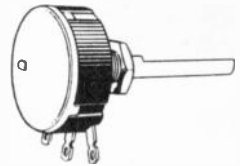
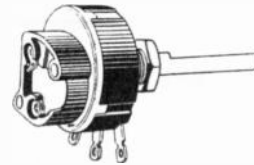
1100 PINE STREET * * * ST. LOUIS, MO.

CONTROL CASE
DIMENSIONS,
1 3/8 WIDE
9/16 DEEP



"CENTRALAB" VOLUME CONTROLS

LESS SWITCH NET \$.60
WITH SWITCH NET .85
SWITCH ONLY NET .25



A.C. SWITCH

WITH SWITCH

STANDARD

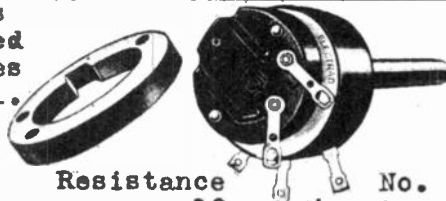
ANY PLAIN RADIOHM CATALOGUED MAY BE CONVERTED TO SWITCH TYPE BY REPLACING THE PLAIN COVER WITH THE SWITCH COVER. No 10 Switch Cover, Net -- \$.25

No.	Resistance	No.	Resistance
72-118	500	70-206	25000
72-107	1000	72-102	25000
72-101	2000	72-103	50000
72-108	3000	72-117	50000
72-109	4000	72-123	75000
72-110	5000	70-202	75000
70-204	5000	72-104	100000
72-114	10000	72-122	100000
72-113	10000	72-120	200000
70-205	10000	72-131	200000
72-100	10000	72-121	250000
72-115	15000	72-105	500000
79-006	15000	72-106	500000
72-119	20000	70-203	500000
72-111	25000	72-116	1 Meg.
72-133	25000	72-132	3 Meg.

This year we are leaving out the page on exact duplicate controls. Just refer to your Centralab or Electrad manual and order from it. If you do not have these manuals, write in for them, they are free.

COMPLETE LINE OF ELECTRAD REPLACEMENT CONTROLS

Long Aluminum Shafts
Easily Cut To Desired
Length. "W" Indicates
A Wire Wound Control.



Plain Covers And Covers With
Switch Attached Are Instantly
Interchangeable. Just Snap
One Out And The Other In,
Without Disturbing The Control
Connections.

No.	Resistance	No.	Resistance
R-I-204 W	10	R-I-560	7500
R-I-269 W	20	R-I-283	10000
R-I-270 W	30	R-I-240	10000
R-I-271 W	50	R-I-573	12000
R-I-272 W	100	R-I-201	15000
R-I-273 W	200	R-I-279	25000
R-I-274 W	400	R-I-280	25000
R-I-282 W	600	R-I-241	30000
R-I-275 W	800	R-I-205	50000
R-I-276 W	1000	R-I-202	75000
R-I-232 W	2000	R-I-242	100000
R-I-233 W	3000	R-I-281	200000
R-I-277 W	4000	R-I-208	250000
R-I-234 W	5000	R-I-203	500000
R-I-278 W	5000	R-I-206	1000000

ALL "RI" UNITS WITH STANDARD INSULATED SHAFT
SEPARATE "SNAP ON" SWITCH ASSEMBLY COMPLETE

YOUR COST \$.60
YOUR COST \$.21

WE ALSO CARRY IN STOCK A LINE OF POPULAR TYPES OF CRL AND ELECTRAD T & L PADS

WALTER ASHE RADIO CO.

1100 PINE STREET * * * * ST. LOUIS, MO.

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SPRAGUE
600 LINE

SPRAGUE CONDENSERS

SPRAGUE
600 LINE



CARDBOARD DRY ELECTROLYTIC CONDENSERS
600 V.D.C. Peak -- 475 V.D.C. Working

TYPE	MFD.	NET
DC-4	4	\$.68
DC-8	8	.81
DC-44	4-4	1.08
DC-88	8-8	1.31



BY-PASS CONDENSERS
Bathtub Can Type

600 V. Peak--400 V. Working

TYPE	MFD.	NET
BP-1	.1	\$.30
BP-25	.25	.36
BP-50	.5	.45
BP-10	1.0	.60
BP-21	.1-.1	.39
BP-225	.25-.25	.48
BP-250	.5-.5	.60
BP-31	.1-.1-.1	.51

SHORT WAVE HIGH FREQUENCY

BY PASS CONDENSERS
Oil impregnated condensers for high frequencies. Ideal for filament by pass, coupling, and plate and grid by passing. A-1 substitute for Mica.

TYPE	MFD.	VOLTAGE	NET
SW-22	.002	1500	\$.27
SW-25	.005	1500	.27
SW-11	.01	1500	.42
SW-15	.05	1000	.48
SW-1	.1	1000	.54



TUBULAR CONDENSERS
Cartridge By-Pass Type
Peak 600 V.

TYPE	CAP.MFD.	NET
TC-31	.0001	\$.15
TC-325	.00025	.15
TC-34	.0004	.15
TC-35	.0005	.15
TC-21	.001	.15
TC-22	.002	.15
TC-23	.003	.15
TC-24	.004	.15
TC-25	.005	.15
TC-26	.006	.15
TC-11	.01	.15
TC-12	.02	.18
TC-13	.03	.18
TC-14	.04	.18
TC-15	.05	.18
TC-16	.06	.21
TC-1	.1	.21
TC-2	.25	.27
TC-5	.5	.36



INVERTED UNITS-SCREW TYPE CAN
600 V.D.C. PEAK

TYPE	MFD.	NET
SC-4	4	\$.74
SC-6	6	.88
SC-8	8	.90
SC-88	Dual--8	1.44



MULTIPLE CAN UNITS
600 V. Peak

TYPE	MFD.	NET
AC-88	8-8	\$1.44

CORNELL-DUBILIER

Type EE-Dry electrolytic filters,
450 Volt Working-525 Peak. Single
section cardboard container cond.

No.	Approx. Size	Mfd.	Net
EE-9020	4-1/8x1 1/2x1 1/2	2	\$.39
EE-9040	"	4	.45
EE-9060	"	6	.54
EE-9080	" 1	8	.57



Type EA-Multiple metal can units.
Can is common negative.
450 V. working - 525 Peak V.

No.	Size	Mfd.	Net
EA-5150	4 3/8x2 1/2	5-15	\$1.38
EA-8801	" "	8-8	1.08
EA-8880	" 3	8-8-8	1.62
EA-9918	" "	9-9-18	2.25
EA-8888	" "	8-8-8-8	2.16
EA-8811	" "	8-8-18-18	2.91



TYPE EB-Multiple metal can units.
Separate, no common negative.
450 V. working - 525 V. Peak.

No.	Size	Mfd.	Net
EB-4400	4 1/2x1 1/2	4-4	\$.78
EB-4800	"	4-8	.87



Type EA-Single unit dry electro-
lytic metal can type condensers.
450 V. working - 525 Peak V.

No.	Size	Mfd.	Net.
EA-9040	2 1/2x1 3/8	4	\$.51
EA-9080	4 1/2x1 3/8	8	.63



Type ED-Tubulars with wire leads.
Cartridge type dry electrolytics.
High capacity-low voltage.
25 V. working-35 V. peak voltage.

No.	Approx. Size	Mfd.	Net.
ED-2050	2 3/8x5/8	5	\$.30
ED-2100	" 1/2	10	.30
ED-2200	" "	20	.36
ED-2250	" 1	25	.39
ED-2500	" "	50	.57
ED-2055	" 1/2	Dual-5	.45
ED-2101	" 1	Dual-10	.45



Type ED-Tubulars with wire leads.
Cartridge type dry electrolytics.
450 V. working-525 V. Peak Volts.

No.	Approx. Size	Mfd.	Net.
ED-9010	2 3/8x1 1/2 Dia.	1	\$.33
ED-9020	" 1	2	.39
ED-9040	" 1	4	.45

Type EG-Dual section cardboard con-
densers. 450 V. Working, 525 Peak.

No.	Approx. Size	Mfd.	Net
EG-9404	4 1/2x1 1/2x1	4-4	\$.72
EG-9408	"	4-8	.81
EG-9808	"	8-8	.90



Type RM-Pitch sealed-uncased, wax
paper wrapped.

Working voltage 400 V.D.C.

No.	Size	Mfd.	Net
RM-4010	2x1 1/2x3/16	.1	\$.24
RM-4025	2x1x1 1/2	.25	.27
RM-4050	2x1x1 1/2	.5	.33
RM-4100	2x1 1/2x1 1/2	1.	.45
RM-4200	2x1 1/2x1	2.	.69

Type RM-Pitch sealed-uncased, wax
paper wrapped.

Working voltage 600 V.D.C.

No.	Size	Mfd.	Net
RM-6100	2x1 1/2x1 1/2	1.	\$.60
RM-6200	3 1/2x1 1/2x1 1/2	2.	.84



Type RM-Pitch sealed-uncased, wax
paper wrapped.

Working voltage 1000 V.D.C.

No.	Size	Mfd.	Net
RM-10100	4 1/2x1 1/2x1 1/2	1.	\$.93
RM-10200	4 1/2x1 1/2x1 1/2	2.	1.53

Type RHM-New small size, wire lead,
handy mike units-450 Volt-working
525 Peak-Single section cardboard.

No.	Size	Mfd.	Net
RHM-9010	2 1/2x1 1/2-1/8x 1/2	1	\$.33
" 9020	"	2	.39
" 9040	"	4	.45
" 9080	" 1-1/8"	8	.57



Type MA-Small cardboard Units.
150 V. Working-200 Volts Peak.
Standard AC-DC replacements.
Common terminal negative.

No.	Size	Mfd.	Net
MA-10552	3 1/2x1x1	4-4	\$.51
MA-11117	"	4-8	.66
MA-10553	"	8-8	.72
MA-11081	2 1/2x1 1/2x1 1/2	4-12	.78



CONDENSERS

"SANGAMO" Mica Condensers

Mfd.	Net.
.00004	.24
.00005	.24
.0001	.24
.00015	.24
.0002	.24
.00025	.24
.0005	.24
.001	.30
.0015	.30
.002	.30
.003	.36
.004	.36
.005	.42
.006	.51
.008	.60
.01	.69
.012	.72
.015	.75
Resistor clips - per pair	.06

SANGAMO CONDENSERS



CORNELL-DUBILIER MICA CONDENSERS

POSTAGE STAMP TYPE

1000 V.D.C. Test - Work. 500D.C.

	Net	\$
.00003	.09	
.00005	.09	
.0001	.09	
.00025 These condensers	.12	
.0005	.12	
.001 are equipped with	.15	
.002	.21	
.003 wire leads.	.24	
.004	.27	
.005	.33	
.006	.36	



SPARTON REPLACEMENT CONDENSERS

Tubular 1/4 Mfd. with metal shielded can,

Your cost, - - - - \$.46



EVEREADY REPLACEMENT CONDENSERS

TRIPLE UNIT 3 1/2 IN ONE CAN.

Your cost - - - - \$.84



ATWATER KENT SPEAKER FILTER

FITS ALL MODELS A.K. RADIOS

Your Cost, \$.45



AUTO GENERATOR CONDENSERS

1 Mfd. 400 Volts D.C.

Your Cost, Net - - \$.45



TUBULAR VIBRATOR CONDENSERS

Size 1 1/2 x 1/2 W.V. 1600 D.C.

.01 Mfd. Net \$.60



EXACT REPLACEMENT CONDENSERS FOR A.C.-D.C. SETS

SET	CAPACITY	TYPE	NET
Atwater Kent	8-8	MA-10515	.93
Crosley W29264	16-16-8	MA-10348	1.20
" W29808	12	MA-10402	.66
" W26870a	6	MA-10600	.30
" W30419	8-8	MA-11005PE	.66
" W29150a	6-7-8	MA-11006PE	1.14
" W27488	6-8	MA-10701	.57
" W30379	12	MA-10464	.42
" W29809	8-8	MA-11701	.57
" W28978	12	MA-10239	.63
" W29012	2.5	MA-10238	.39
Majestic 9979 (66)	8-8	MA-10380	1.08
Emerson H-5	4-16-8	MA-10617	1.11
International A427	2-3-3	MA-10627	.51
"	4-10-10	PL-5856	1.11
" A408	5-5	MA-11087	.45
" A407	4-4	PL-4827	.54
Philco	4-8	MA-10709	.87
Pilot 22483	2	MA-10392	.39
R.C.A. Victor M66122-2	4-4	MA-10711	.57
" M66140	5-5	MA-10101	.45
" M66140-5	4-4	MA-10102	.51
"	4-4	MA-10621	.54
"	1-3-6	MA-10619	.42
"	5-5	PL-5769E	.39
" 66143-3	4-4	MA-10693	.63
"	10	MA-10710	.69
Sparton A10001	4-6-10	MA-10735	1.14
" A8123	4	MA-10576	.60
" A9754	4-12	MA-10485	1.05
" A9550	5-5-25	MA-10745	1.14
" A10118	6-2	MA-10578	.93
" A10277	8-8	MA-10648	.81
" A10318	2	MA-10647	.30
" A8907	8	MA-10414	.48
" A9308	20	MA-10622	.39
" A9754	8-8	MA-10747	1.05
" A8123	4	MA-10536	.60



Only a few of the more popular condensers listed, many more available. Send in your old hard to match condenser, we will have it duplicated for you. Be sure to send name of set and model.

EXACT REPLACEMENT MAJESTIC FILTER BLOCKS

MODEL RADIO	TYPE	NET
90B, 100B	M3004	\$ 2.43
7P6, 7BP6, 70 Ser.	M3009	1.87
8P6, 180 Series.	M3010	3.24
9P6, 9BP6, 90 Ser.	M3012	1.87



REPLACEMENT VIBRATOR CONDENSERS

TYPE	CAP.MFD.	SIZE	NET
AR-11	.01	11/16" x 13/16"	.27
AR-12	.02	" x 3/16"	.27
AR-13	.03	13/16" x 9/32"	.27
AR-14	.04	" x "	.27
AR-15	.05	" x "	.27
FR-12	.02	1" x 7/8" x 1/4"	.27
FR-11	.01	" x " x "	.27
LR-27	.007	1 1/16x7/8x9/32	.27
LR-11	.01	" x " x "	.27
LR-12	.02	" x " x "	.27
MV-27	.007	3"x9/16"x3/8"	.27
MV-11	.01	" x " x "	.27



CARTRIDGE CONDENSERS

400 Volts

MFD.	NET
.01	.09
.02	.09
.05	.09
.1	.12
.25	.15
.5	.21



SUPERIOR QUALITY • GENERAL • REPLACEMENT TRANSFORMERS

ELECTRICAL CHARACTERISTICS GUARANTEED

For 4 or 5 tubes.

TYPE "P" NET

TYPE "H" NET

Secondaries-

2.5 V. 5.00 Amp.

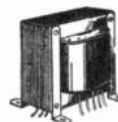
2.5 V.C.T. 1.75 Amp.

5 V. 3.00 Amp.

Plate 650 V.C.T. 40 MA.

1550 \$1.50
2½x3½x3½

1570 \$1.50
2½x3½x3½



Type "H"

For 5 or 6 tubes.

Secondaries-

2.5 V. 5.25 Amp.

2.5 V.C.T. 1.75 Amp.

5 V. 3.00 Amp.

Plate 650 V.C.T. 50 MA.

1551 1.65
2½x3½x3½

1571 1.65
3½x3½x3

For 6 or 7 tubes.

Secondaries-

2.5 V. 7.00 Amp.

2.5 V.C.T. 3.00 Amp.

5 V. 3.00 Amp.

Plate 700 V.C.T. 70 MA.

1544 2.10
3x3½x3½

1573 2.10
4½x3½x4



Type "P"

For 8 or 9 tubes.

Secondaries-

2.5 V. 10.5 Amp.

2.5 V.C.T. 3.00 Amp.

5 V. 3.00 Amp.

Plate 700 V.C.T. 90 MA.

1555 2.40
3½x4½x3½

1575 2.40
4½x3½x4

For 10 or 12 tubes.

Secondaries-

2.5 V. 15.25 Amp.

2.5 V.C.T. 3.00 Amp.

5 V. 3.00 Amp.

Plate 700 V.C.T. 110 MA.

1557 2.85
3½x4½x3½

1577 2.85
4½x4x4

TYPE "P" POWER TRANSFORMERS FOR 4, 5, AND 6 TUBE MIDGET SETS

For 4 tubes.

TYPE SIZE

NET

Secondaries-

2.5 V.C.T. 5.25 Amp.

5 V. 2.00 Amp.

Plate 650 V.C.T. 40 MA.

1665 2½x3x3½

\$ 1.20

For 5 tubes.

Secondaries-

2.5 V.C.T. 7.00 Amp.

5 V. 2.00 Amp.

Plate 700 V.C.T. 50 MA.

1717 2x3x3½

1.50



Type "P"

For 6 tubes.

Secondaries-

2.5 V.C.T. 7.00 Amp.

2.5 V.C.T. 1.75 Amp.

5 V. 2.00 Amp.

Plate 700 V.C.T. 60 MA.

1400 3½x3½x3½

1.80

"ECONOMY" TYPE "P" POWER TRANSFORMERS

For 4 tubes.

Secondaries-

6.3 V. 1.60 Amp.

5 V. 3.00 Amp.

Plate 650 V.C.T. 40 MA.

1657 2½x3x3½

\$.98

For 4 tubes.

Secondaries-

2.5 V.C.T. 3.75 Amp.

5 V. 2.00 Amp.

Plate 650 V.C.T. 40 MA.

1691 2½x3x3½

.98

REMEMBER OUR REWINDING SERVICES ON ALL COILS, TRANSFORMERS, VOICE COILS.

SEE OTHER TRANSFORMER PAGES FOR YOUR NEEDS.

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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EXACT DUPLICATE TRANSFORMERS



ANDREA, F. A. D.
See Fada
APEX
See U.S. Radio and Tel.

STOCK NO.	NET
ATWATER KEWT	
36,37,38	
43,46,47,53 Complete	A300 2.43
pac	A301 7.70
55,55C Early	A302 4.09
55,55C Late	A303 4.05
66 Filament	A304 3.24
66 Plate	A305 4.59
80	A306 3.32
82	A307 3.32
84	A308 3.32
85	A309 3.32
86	A310 4.05
87	A311 3.57
89,89P	A312 3.57
96	A313 4.05
L Series, H Series	A314 4.05
F	A315 3.32
A316	3.32
40,42,44,45,52,57, Complete Pack	A317 5.35
40,42,44,45,52,57, Transformer only	A318 3.24
43,46,47,53, Power Transformer only	A319 3.24
60,60C Early	A320 4.86
60,60C Late	A321 4.86
60,60C Third	A322 3.30
70,74,76	A323 4.19
90,90P	A324 4.05
92,92P	A325 4.05
93 (S.V. Converter)	A326 4.05
94,94P	A327 4.05
99,99P	A328 4.46
188	A329 4.46
228	A330 4.05
846	A331 4.05
260	A332 4.46
469	A333 4.46
480	A334 4.46
555	A335 3.65
567	A336 4.06
588	A337 4.05
627	A338 4.05
DOUGCH	
28	B1375 3.24
29A	B1376 4.05
48	B1377 3.65
58	B1378 3.65
60	B1379 4.05
80	B1380 3.24
40	B1381 3.24
73	B1382 2.84
133	B1383 2.84
49	B1384 4.27
HUNTER FULLY MFG. CO.	
14,21,31	B400 4.27
7-70,7-71	B401 3.73
8-20,8-20A,8-21,8-21A,8-22,402	B402 8.10
Counter Phase 33	B403 3.90
81,82	B404 3.57
HEUNSWICK RADIO CORP.	
2KRO, 5KRO, 5KRO, 5K, 5KRO, 5KRO	B425 2.43
3KRO	B426 3.40
16-22	B427 3.65
17-8	B428 2.43
32-42	B429 4.46
CLARION	
See Trans. Corp.	
CROSLLEY	
131-1	C497 4.86
150	C498 4.05
158	C499 4.05
308,318,338,348	C500 4.05
38,40,41,41A,48	C501 3.78
408,418,428,458,523	C502 3.78
53,84,57,58	C503 3.24
73	C504 4.05
71,77-1,84	C505 4.05
120	C506 4.05
121 Series A	C507 3.92
121 Series B	C508 3.92
122,123,124	C509 4.05

CROSLLEY (Cont'd)

132-1	C521 4.86
104,105,106	C510 2.84
Bandbox 602	C511 2.84
Gembox 608	C512 2.84
Gembox 609,610	C513 2.84
Gemchest 609,610	C514 2.84
704,704A	C515 3.65
704B	C516 3.65
706 Showbox	C517 3.51
Jewelbox 804	C518 4.05
Buddy & Chum	C519 4.05
Widget	C520 2.84
FADA (Andrea, F.A.D.)	
"Special 1" AC 7	F275 3.65
10,11,30,31	F276 3.65
16,17,32	F277 3.65
20	F278 4.21
25	F279 3.65
35,35B	F280 4.05
40	F281 3.65
41,42,44,46,47	F282 3.65
43	F283 3.65
4420, for 50,70,71,72	F284 4.05
4420, for 50,70	F285 3.65
75,77	F286 4.05
45, KU	F287 3.65
48,49 KW	F288 3.65
51, KO	F289 3.65
53,57, KOC	F290 3.65
LA60	F291 3.65
GREEN, A.R.	
A-C, 6	G775 3.24
S-K, 4	G776 3.65
M2	G777 4.21
HS4 Models 1 & 2	G778 3.24
HS4 Models 3 & 4	G779 3.24
GRIGSBY GRUNOW	
See Majestic	
KENNEDY	
10	K900 3.65
20	K901 3.65
26	K902 3.65
32	K903 4.05
42	K904 3.65
62A	K905 4.05
882, 82D, 64C	K906 4.05
563A, 63, 63A	K907 3.65
164B, 64B	K908 3.65
66, 66A	K909 4.05
266B, 366B, 66B	K910 3.65
KOLSTER	
K24, K36	K925 6.48
K42	K926 7.02
K43, K48	K927 5.67
K45	K928 9.72
K929 7.29	K929 7.29
C1, C2, C4	K930 8.10
C5	K931 8.10
C6, C7	K932 6.48
930, 300	K933 9.72
902	K934 7.03
931	K935 5.67
980	K936 6.48
981	K937 6.48
950	K938 4.05
67, 6K, 6R	K939 8.10
6H	K940 5.67
K20, K22, K23, K25	K941 7.29
K44	K942 3.65
Inter. K60, K62	K943 3.65
Inter. K70, K72	K944 3.65
Inter. K80, K82	K945 3.65
Inter. K90, K92	K946 3.65
KL10, 120, 122	K947 4.05
KL30, 132	K948 4.05
KL40, 142	
MAJESTIC	
20 Ser. (Unmounted)	M800 3.13
50 Ser. (Unmounted)	M801 2.81
52 (Unmounted)	M802 4.21
70 Plate	M803 2.43
70 Filament	M804 2.16
70, 71, 72, (7RP6 Plate and Fil. Trans. Complete)	M805 2.16
90, 91, 92, (9RP6 Plate and Fil. Trans. Complete)	M806 3.65
90B, 100B	M807 3.35
	M808 3.65

MAJESTIC (Cont'd)

90B, 100B (25 Cycles)	M809 5.27
130A, 230A (25 Cycles)	M825 5.27
30 Unmounted	M810 3.65
180 (8P6) Filament	M811 2.32
180 (8P6) Plate	M812 3.24
130A, 230A	M813 3.65
15, 15B Mounted	M814 2.43
25 (Unmounted)	M815 2.97
150 (Mounted)	M816 2.43
55	M817 2.84
200	M818 4.86
210 (Unmounted)	M819 3.30
300	M820 4.86
310A, 310B	M821 3.65
370	M822 3.65
330	M823 3.65
390	M824 3.65
320	M827 5.27
340	M826 5.27
385 Auto Set	M827 3.65
382	M828 3.24
440	M829 3.24
290	M830 3.24
PELLICO RADIO & TEL. CO.	
4	PLO25 2.36
14-23	PLO26 2.36
15	PLO27 2.97
16-17	PLO28 3.36
18	PLO29 3.11
19-50-89	PLO30 2.36
20	PLO31 3.19
21	PLO32 3.24
22-71	PLO33 2.36
25-43	PLO34 2.36
50-51-52	PLO35 2.36
65	PLO36 2.36
70-470	PLO37 3.36
76-77	PLO38 3.24
80-81	PLO39 3.30
86	PLO40 2.36
87	PLO41 3.15
90-490	PLO42 3.30
91	PLO43 3.38
95-96	PLO44 2.36
111-112	PLO45 3.24
511	PLO46 3.51
85	PLO47 3.19
R.C.A. VICTOR COMPANY	
R-11, RE18, RE22, RE18A	R1101 4.27
R-10, R12, RE19, R023	R1102 3.73
R17, 7-25, RAD50	R1103 2.43
R33AC, R18AC, R51AC,	
7-11, 9-24X	R1104 2.43
R60, R62	R1105 2.99
9-16X	R1106 8.10
R64, 9-54, 9-18X, 9-56	R1107 8.10
R44, R46AC, R47	R1108 2.99
R66	R1109 3.24
R67	R1110 8.10
R90, R82, R86	R1111 3.40
R48, R42, R15, R14, RE17	R1112 3.24
R5, R5X	R1113 2.82
R7A, R9, RE16A, R7	R1114 2.97
R50, R55, RAE59, RE20	R1115 4.27
R4, R6	R1116 2.43
CRD9AC, CE29	R1117 3.09
R32, R52, RE45, RE75, R35,	
R135, R152, RE154, RE156,	U1118 3.24
R71, R62, R73, R72	R1119 3.51
R35, R39, RE57, R34, RE73	R1120 3.65
30A	R1121 5.36
41 Sterling Pack	R1122 3.24
41 Receptor Pack	R1123 4.05
Radiolette	R1124 2.43
Superette	R1125 2.97
AP736P	R1126 3.32
R72	R1127 3.08
28 Receptor Pk.	R1128 4.05
R20, R21	R1129 4.05
RA79	R1130 3.65
SILVER MARSHALL	
346	S1168 4.86
347	S1169 4.86
712	S1170 4.05
722	S1171 3.84
724	S1172 4.05
A	S1173 4.05

SILVER MARSHALL (Cont'd)

D, X	S1174 4.05
F	S1175 4.05
Q25	S1176 4.05
SPARTON	
AC5	S1200 2.84
5-9	S1201 3.65
AC7, 62, 63	S1202 2.43
9A	S1203 3.65
10, 12	S1204 3.65
15	S1205 3.65
16, 16AW	S1206 4.05
25, 26, 28AW	S1207 4.05
45 Visionola	S1208 4.27
30	S1209 4.05
56	S1210 3.51
69, 79, 79A, 89	S1211 4.05
69A	S1212 4.05
99, 109	S1213 4.86
101, 110, 111, 574	S1214 5.34
103, 578, 301	S1215 5.34
111A, 870	S1216 5.34
238	S1217 4.21
400, 410, 420	S1218 4.05
564, 570, 740, 750	S1219 5.34
574, 870	S1220 5.34
589	S1221 4.21
591, 593	S1222 4.21
600, 510, 520, 737	S1223 4.05
930	S1224 3.24
931	S1225 4.05
60	S1226 3.84
STROMBERG CARLSON	
10, 11	S1300 4.05
12, 14	S1301 4.46
19, 20	S1302 3.85
25, 26	S1303 4.05
635, 636	S1304 4.86
638	S1305 6.48
641, 642, 652, 654	S1306 3.65
846, 848	S1307 4.05
846 Speaker Trans.	S1308 2.84
TRANSFORMER CORP. OF AMERICA	
51, 53, 55	T1348 4.46
Clarion 860	T1349 5.85
Clarion 100	T1350 5.43
Clarion 40	T1351 2.43
Clarion 120	T1352 2.70
Clarion 80	T1353 3.65
Clarion 260	T1354 3.05
A.C. 220	T1355 3.65
U.S. RADIO & TELE.	
26P	U1401 2.70
5A	U1402 3.65
10, 10C	U1411 3.92
9, 19	U1412 2.84
24	U1413 3.65
26	U1414 2.70
27	U1415 2.84
28	U1416 4.75
29	U1417 4.75
31	U1418 4.75
32	U1419 3.38
36	U1420 4.05
37	U1421 4.05
41, 46	U1422 4.75
42	U1423 4.05
46, 47	U1424 3.65
48	U1425 2.43
80, 81	U1426 3.24
181	U1427 4.05
99	U1428 3.65
ZENITH	
Z69, 11E, 14E	Z1475 2.84
Z618	Z1476 3.67
89A	Z1477 4.05
Z611, 12, 14, 15, 16	Z1478 3.85
Z650, Z680, Z670, Z680	Z1479 3.65
Zenette AH, CH, RH,	
2012-20120	Z1480 3.65
LH, MH, WH	Z1481 3.65
Superhet 10, 11, 12	Z1482 3.65
Zenette "L" 2009C	Z1483 2.84
Zenette "LP" 2009C	Z1484 2.84
Zenette A, B, C, D 2004	Z1485 2.84
33, 35X, 34, 36, 35A	Z1486 3.65
34, 352, 352A, 368, 362X	Z1487 3.65
Z612 Filament Trans.	Z1488 3.24

IF YOU DO NOT FIND THE TRANSFORMER LISTED THAT YOU HAVE, SEND US THE OLD ONE AND WE WILL DO OUR BEST TO DUPLICATE IT. IF WE CANNOT, WE WILL UPON YOUR REQUEST REWIND THE OLD JOB, GUARANTEEING AN EXACT DUPLICATE THAT WILL OUTLAST THE AVERAGE REPLACEMENT OR THE ORIGINAL TRANSFORMER TWO TO ONE AND AT A MOST REASONABLE PRICE. SEE PAGE ON REWINDING FOR APPROXIMATE PRICES.

SUPERIOR QUALITY • GENERAL • REPLACEMENT TRANSFORMERS

ELECTRICAL CHARACTERISTICS GUARANTEED

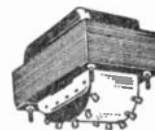
POWER TRANSFORMERS FOR SETS WITH NEW TYPE 6.3 VOLT TUBES

For 4 tubes. TYPE SIZE NET

Secondaries-
6.3 V. 1.60 Amp.
5 V. 3.00 Amp. 1535 2½x3¼x3¼ \$1.50
Plate 650 V.C.T. 40 MA.

For 5 tubes.

Secondaries-
6.3 V. 2.00 Amp.
5 V. 3.00 Amp. 1536 2½x3¼x3¼ 1.65
Plate 650 V.C.T. 50 MA.



TYPE "P"

For 6 and 7 tubes.

Secondaries-
6.3 V. 3.00 Amp. #1535
5 V. 3.00 Amp. 1537 3½x4½x3½ 2.10 #1536
Plate 700 V.C.T. 70 MA.

#1537

For 8 and 9 tubes.

Secondaries-
6.3 V. 4.00 Amp. #1538
5 V. 3.00 Amp. 1538 3½x4½x3½ 2.40 #1539
Plate 700 V.C.T. 90 MA.

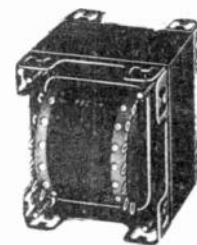
For 10 and 12 tubes.

Secondaries-
6.3 V. 5.00 Amp.
5 V. 3.00 Amp. 1539 3½x4½x3½ 2.85
Plate 700 V.C.T. 110 MA.

EXTRA LARGE GENERAL REPLACEMENTS WITH UNIVERSAL MOUNTING BRACKETS

For 10 tubes. TYPE SIZE NET

Secondaries-
2.5 V.C.T. 10.50 Amp.
7.5 V.C.T. 2.50 Amp. 1478 2½x3¼x3¼ \$4.50
7.5 V.C.T. 2.50 Amp.
Plate 1200 V.C.T. 150 MA.



For 10 tubes.

Secondaries-
1.5 V. 6.30 Amp.
2.5 V.C.T. 1.75 Amp.
5 V.C.T. .50 Amp. 1479 2x3x3½ 2.70
5 V.C.T. 2.00 Amp.
Plate 700 V.C.T. 70 M.A.

TYPE B

For 11 tubes.

Secondaries-
1.5 V. 6.30 Amp. #1478
2.5 V.C.T. 1.75 Amp. #1479
7.5 V.C.T. 2.50 Amp. 1480 2½x3¼x3¼ 4.50 #1480
7.5 V.C.T. 2.50 Amp.
Plate 1200 V.C.T. 150 MA.

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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SUPERIOR QUALITY • GENERAL • REPLACEMENT TRANSFORMERS

ELECTRICAL CHARACTERISTICS GUARANTEED

CHOKES - INPUT and OUTPUT TRANSFORMERS

CHOKES

LAYER WOUND AND LAYER INSULATED COILS, SILICON LAMINATIONS AND PROPER GAP, ALL COMBINE TO PROCURE COMPLETE FILTERING.

NO.	HENRYS	M.AMP.	RESISTANCE	NET
1120	30	50	400	\$.84
1122	30	75	300	.96
1125	30	100	200	1.20
1111	30	150	200	1.50
1112	30	200	150	2.40
1113	30	250	125	2.70
1114	30	300	95	3.00
1155	10	500	75	4.50
1153	5-15	300	50	2.40



STANDARD CHOKES

THESE CHOKES FOR REPLACEMENT IN ANY OF THE POPULAR A.C.-D.C. SETS, ALL MIDGET RECEIVERS AND AUTO SETS.

5104	6	30	200	.54
5108	8	30	300	.54
5112	10	30	400	.54
5116	12	30	500	.54
1129	15	30	250	.84
1127	15	30	400	.90
1137	15	30	500	.99
1138	15	30	600	1.08



MIDGET CHOKES

SPECIAL OUTPUT TRANSFORMERS FOR MIDGET AND A.C.-D.C. RADIO SETS

NO.	TUBES	TO	HIGH	DEEP	LENGTH	NET
345	12A5,43,48,9in.	6 to	1 3/8	1 1/4	2 3/8	\$.54
344	33,41,42,47,31.	"	"	"	"	.54
343	38.	15 ohm	"	"	"	.54
318	12A5,43,48,P.P.	2	"	"	1 5/8	.66
314	33,41,42,47,47.	voice	"	"	"	.72
306	38.	coil.	"	"	"	.72



MIDGET OUTPUT

MULTI-TAP UNIVERSAL OUTPUT TRANSFORMER

UNIVERSAL ELECTRICALLY

The universal primary and the tapped secondary, from two to thirty ohms, in two ohm steps, make it possible to feed practically any straight or push pull output stage to any dynamic speaker.

UNIVERSAL PHYSICALLY

May be mounted on end or side. Slots in base allow wide range of adaptability without redrilling panel.

No. 1337 Output transformer

Net \$1.05

UNIVERSAL INPUT TRANSFORMER

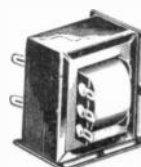
This input audio efficiently feeds any straight or push pull audio stage in either A.C. or D.C. sets. Has same mounting facilities as No. 1337.

No. 3205

Net \$1.05



UNIVERSAL OUTPUT



UNIVERSAL INPUT

WALTER ASHE RADIO CO.

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1100 PINE STREET * * * ST. LOUIS, MO.

REWINDING SERVICE

DUE TO THE INCREASING DEMAND FOR A MEANS OF DUPLICATING THE VAST AMOUNT OF SPECIAL COILS, CHOKES, TRANSFORMERS, ETC. WE HAVE MADE ARRANGEMENTS TO REBUILD OR REPAIR ANY OF THE PREVIOUSLY MENTIONED ITEMS, MAKING THEM EXACTLY AS THEY WERE BEFORE AND IN MANY CASES CORRECTING THE WEAK POINT SO THAT WE CAN ABSOLUTELY GUARANTEE THE REBUILT ITEM AND THE WORKMANSHIP TO THE FULLEST EXTENT. 1-3 DAY SERVICE ON ALL JOBS.

Power Transformers

	UNCASED	CASED
5--7 TUBES: Plate voltage not over 375 Volts A.C. each side C.T. at 110 MA. Filaments for any 1.5, 2.5, 5.0, or 6.3 volt tubes, and not over 35 watts. Primary 110 volts 60 cy. not over 75 watts.	\$2.10	\$2.70
8--10 TUBES: Plate voltage not over 400 Volts A.C. each side C.T. at 110 MA. Filaments for any 1.5, 2.5, 5.0, or 6.3 volt tubes, and not over 50 watts. Primary 110 volts 60 cy. not over 100 watts.	2.70	3.60
11-15 TUBES: Plate voltage not over 425 Volts A.C. each side C.T. at 125 MA. Filaments for any 1.5, 2.5, 5.0, 6.3, or 7.5 volt tubes, and not over 65 watts. Primary 110 volts 60 cy. not over 125 watts.	3.60	4.50
CLASS "B" 46's or 59's: 8--10 Tubes. Primary not over 115 volts A.C. 11-15 Tubes. Primary not over 115 volts A.C.	4.50 5.10	5.40 6.00
DYNAMIC SPEAKER TRANSFORMERS: Not over 20 watts plate. Not over 40 watts Plate.	1.80 2.10	2.40 2.70
FILAMENT TRANSFORMERS: Windings on top. Any voltage but not over 10 watts. Windings on top. Any voltage but not over 25 watts. Windings on top. Any voltage but not over 50 watts. Not over 30 Henries 50 MA. Not over 30 Henries 100 MA. Not over 30 Henries 200 MA.	.60 .90 1.20 .75 1.20 2.10	1.20 1.50 1.80 1.35 1.80 2.70

Filter Chokes

WE ALSO REWIND NUMEROUS OTHER ITEMS SUCH AS MAGNETIC SPEAKER COILS, AUTO DYNAMIC FIELDS, R.F. AND ANTENNA COILS ETC. WRITE US FOR PRICES GIVING FULL DETAILS.

FIELD COILS and VOICE COILS

WEIGHT IN POUNDS

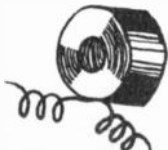
RESISTANCE IN OHMS	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
250	.42	.63	.90									
500	.45	.87	.87	1.23	1.23	1.80						
750	.51	.96	.96	1.29	1.29	1.86	1.86	1.86	2.70			
1000	.48	.90	1.26	1.74	1.74	2.49	2.49	2.49	2.49			
1250	.60	.81	1.11	1.56	1.56	2.16	2.16	2.16	2.16	3.09	3.09	3.09
1500	.54	.96	1.35	1.35	1.86	1.86	2.58	2.58	2.58	3.72	3.72	3.72
1750	.60	1.14	1.14	1.56	1.56	2.19	2.19	2.19	3.03	3.03	3.03	3.03
2000	.69	.93	1.32	1.80	1.80	2.49	2.49	2.49	3.45	3.45	3.45	3.45
2250	.78	1.05	1.47	1.47	2.01	2.01	2.79	2.79	2.79	3.90	3.90	3.90
2500	.66	1.17	1.65	1.65	2.22	2.22	3.12	3.12	3.12	4.32	4.32	4.32
2750	.72	1.29	1.29	1.83	2.46	2.46	3.42	3.42	3.42	3.42	3.42	3.42
3000	.78	1.05	1.41	1.95	1.95	2.67	2.67	2.67	3.72	3.72	3.72	3.72
3250	.84	1.14	1.53	2.13	2.13	2.91	2.91	2.91	4.05	4.05	4.05	4.05
3500	.90	1.23	1.59	2.31	2.31	3.12	3.12	3.12	4.35	4.35	4.35	4.35
3750	.75	1.29	1.77	2.46	2.46	3.36	3.36	3.36	4.65	4.65	4.65	4.65
4000	.78	1.41	1.89	1.89	2.61	2.61	3.53	3.53	3.53	3.57	4.98	4.98
4250	.84	1.47	1.47	1.98	2.79	2.79	3.81	3.81	3.81	3.81	3.81	3.81
4500	.90	1.17	1.59	2.10	2.10	3.00	3.00	3.00	4.02	4.02	4.02	4.02
4750	.93	1.23	1.65	2.22	2.22	3.09	3.09	3.09	4.26	4.26	4.26	4.26
5000	.99	1.29	1.74	2.34	2.34	3.24	3.24	3.24	4.47	4.47	4.47	4.47
6000	.93	1.53	2.10	2.10	2.82	2.82	3.90	3.90	3.90	5.34	5.34	5.34
7000	1.08	1.80	1.80	2.46	3.30	3.30	4.56	4.56	4.56	4.56	4.56	4.56
8000	1.26	1.59	2.07	2.79	3.75	3.75	5.19	5.19	5.19	5.19	5.19	5.19
9000		1.80	2.34	2.34	3.21	3.21	4.23	4.23	4.23	4.23	5.85	5.85
10000		1.92	2.58	2.58	3.51	3.51	4.71	4.71	4.71	4.71	6.51	6.51
11500		1.77	2.31	2.97	2.97	4.02	4.02	5.40	5.40	5.40	5.40	5.40

NOTE. To determine the cost of a field rewind, find the weight in pounds and the resistance in ohms. Locate the point at which these two factors intersect and you will find YOUR NET PRICE. These prices apply to fields that are scramble wound with plain enamel wire only. Other types of fields are somewhat higher in price. If forms are not usable again an extra charge of 30¢ for small forms and 45¢ for medium forms is added to net price.

Due to the fact that space is limited, only a few sizes of fields can be listed. The prices on these, in most cases is nearly correct, however fields whose Wt. lie between those listed, are somewhat cheaper in most cases. If you are not sure of the cost of a field, send us the exact weight in pounds and the D.C. resistance in ohms and we will be only too glad to quote the right price.

VOICE COIL REWINDS

It is not necessary to destroy the old cone just because the voice coil is burned out. As long as the form is not too badly damaged, it can be rewound to be as good as new and GUARANTEED. Prices: 2-10 ohms \$.60 NET for other sizes write us giving full description including diameter of coil and approximate size of conductor used.



WALTER ASHE RADIO CO.

1100 PINE STREET

ST. LOUIS, MO.

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CARRON MANUFACTURING CO. REPLACEMENT CONES★

DESCRIPTION	NET
ATWATER KENT	
#15142, for models 43, 46, 55, 60, 56, 67, 64	\$1.47
#143, for models 43, 46, 55, 60, 56, 67, 64	1.47
#19465, for models 80, 82, 84, 558, 627, 87, 90, 92, Early models 83, and 85.	1.47
#18081, for models H2, L, F, P, H,	1.47
#20737, for models 77, 88, 89, 94, 96, 469, Late models 83, 85.	1.47
BOSCH	
Models 48, 58	1.62
Models 5A	1.30
BRUNSWICK	
Model 10 (Clarion 60)	1.47
Model D	1.47
Models D11, 12, 16, 18, 33	1.71
Models E17, 24, 25	1.71
Models S81, S82, 81, 82, 14, 21, 31, S14, S21, S31.	1.71
CLARION	
Models 60, 80, 81, 85, 90, 91, 100, 120, 25-60	1.47
CROSBY	
M45 Models 262, 42S, 40S, 62S	1.47
Model 124, (Utah large Cub No. 2)	1.41
Model 125 (Utah large Cub No. 3)	1.41
Model 249 (Magnavox 138)	1.47
EDISON	
R7 (Jensen D7)	1.71
GREEE	
SK4 (Jensen D7)	1.71
JACKSON BELL	
Models 68, 88, 89, 89A, 99 (Magnavox 138)	1.47
JENSEN	
D4, D5	1.71
D7, D8	1.71
D9 (Outside spider)	1.71
D9 (Inside spider)	1.62
D15	1.33
Auditorium DA5, DA6, DA7, M10, M12	3.24
KENNEDY	
Model 220 (Jensen D9)	1.62
Models 22, 26, 30, 32, 36, 38, 40 (Jensen D7)	1.71
Models 50, 63, 63A (Utah little giant No1)	1.47
Models 50, 56, 52, 54, 220 (Jensen D9)	1.62
Models 52, 56 (Jensen D15)	1.33
LYRIC	
Model S-7 (Jensen D15)	1.33
MAGNAVOX	
Models D7, D8	1.62
130 Series, Model 136	1.47
130 Series, Model 138	1.47
MAJESTIC	
G1, Models 71 and 72	1.15
G2, Models 71, 72, 91, 92, 181	1.15
G3, Models 90, 91, 93, 101, 102, 103	1.18
G5, Models 131, 132, 233, 1, 62, 163	1.71
G7, Models 21	1.47
GLOB Models 151, 153, 154, 155, 156	1.18

DESCRIPTION	NET
OXFORD	
2 Point spider	\$1.41
2 Point spider or 3 Point spider	1.47
3 Point spider	1.62
PHILCO	
Models 87, 65, 95, 76, 86, 77, 40, 111, 90, 112	.82
Models 90, 3, 7, 20, 21, 70	.73
RCA	
104, 105	1.47
106, R80, R82, R86, R35, R39, RE57, R34, R50, R55, RAE59, RAE79, AZ774-B, R41DC, R46, R47, R66, R1AC, R67, R62, RG4, 9-54, 9-18, 7-26, 9-56, 12-15.	1.47
46, R7, R7A, R8, R10, R11, R12, R15, R18, R19, R20, R23, R42, R14, RE17, R43DC, RAE26, R9, RE73, CE29, R76, R6, R21, RE16, RE16A.	1.47
Photophone	2.06
SILVER MARSHALL 35A (Jensen D7)	1.74
Model 35A (Jensen D7)	1.74
SPARTON	
Models 737, 931, 89A, 99, 101, 109, 110, 111, 301, 589, 591, 593, 740, 750, 930, (Mag, D7)	1.62
Model 737 (Jensen D7)	1.71
Model 921 (Jensen D7)	1.71
Model 600 series (Jensen D15)	1.33
600 series (Magnavox 138)	1.33
STEINITE (All models)	1.71
All Models	1.71
STEWART WARNER	
Models 200A, 445A, 565A (2 Point spider)	1.62
Model 445A (3 Point spider)	1.62
TEMPLE	
9" Speaker	1.47
11" Speaker	1.62
Auditorium Speaker	2.35
U.S. RADIO & TEL., APEX, GLORITONE	
Model 20 Speaker 2714	1.33
Model 26, Speaker 2286	1.18
Model 26A, Speaker 2467	1.18
Model 26P, Speaker 2758	1.18
Model 27, Speaker 1936	1.18
UTAH	
Large Cub No.1 (Inside spider)	1.47
Large Cub No.2 (2 point spider)	1.47
Large Cub No.3 (3 point spider)	1.47
Little Giant No.1 (Inside spider)	1.47
Little Giant No.2 (2 point spider)	1.47
Little Giant No.3 (3 point spider)	1.47
A-100	1.62
VICTOR	
RE32, 45, 75	1.30
RE57, 34, 35 (RCA106)	1.47
WELLS GARDNER No.9 (Oxford 10")	1.47
No. 9 (Oxford 10")	1.47
ZENITH	
Models 52, 72 (Oxford)	1.71
Models 92 (Jensen D9)	1.71

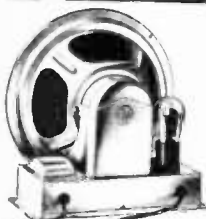
★NOTE!... IF YOU CAN'T FIND THE CONE LISTED THAT YOU HAVE, SEND IT IN TO US AND WE WILL ORDER A NEW ONE MADE THAT IS AN EXACT DUPLICATE OF THE OLD ONE. THE PRICE WILL BE RIGHT IN LINE WITH THE ABOVE CONES. **ALSO...** IF ONLY VOICE COIL IS BURNED OUT, SEE PAGE ON REWINDING FOR PRICE ON REPAIRING OLD VOICE COIL.



SPEAKER SHIMS
16 Shims, 4 sizes, 4 colors. In attractive leatherette carrying case.
NET 40¢

CONE CEMENT
A handy mending cement that makes loose voice coils and cones stay put. No shop is complete without it.
NET per bottle 40¢

UTAH DYNAMIC SPEAKERS



Model 12BAC

D.C. DYNAMICS
Model 12B - 12" overall diameter, and 6 1/2" deep. 2500 ohm field stock size but can be had in other resistances, if desired. Complete with output transformer from 500 ohm line.
NET \$12.25

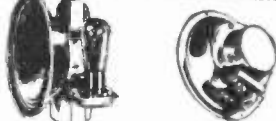
A.C. DYNAMICS
Model 12BAC - Same as the 12B listed above with built-in field exciter to operate on 110 Volts A.C. Complete as above less rectifier tube.
NET \$17.50

Model 12X - The new UTAH "Orthovox" is a permanent magnet magnetic speaker with exceptional reproducing qualities. Supplied with C.T. winding for PP. output stages. 12X 6Watts NET \$7.00, 8X 3 1/2 Watts NET \$4.20, 6X 2Watts NET \$3.15



Model 12X

"TARTAK" MAGNETIC AND DYNAMIC SPEAKERS



8" A.C. \$5.88
11" A.C. 6.76
6" D.C. (2500 ohm field) 1.47
8" D.C. " " " 2.94
11" D.C. " " " 4.16
5" Magnetic 1.47
6" Magnetic 2.06
8" Magnetic 2.55
8" Magnetic (Cased) 4.16

WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

*Red Devil Resistors*WIRE WOUND AND CEMENT COATED. GUARANTEED TO STAND THE OVERLOADS

10 WATT RATING 10 WATT				
OHMS	OHMS	OHMS	OHMS	OHMS
1	35	500	2000	9000
2	40	600	2250	10000
3	50	700	2500	12000
4	75	750	3000	12500
5	100	800	3500	14300
7.5	125	900	4000	15000
10	150	1000	4500	16000
12	200	1100	5000	17500
15	250	1200	6000	18000
20	300	1250	7000	20000
25	350	1500	7500	22500
30	400	1750	8000	25000

NET PRICE **\$.21 Ea.**

20 WATT RATING

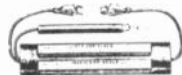
OHMS	OHMS
30,000	60,000
35,000	70,000
40,000	75,000
45,000	80,000
50,000	90,000
	100,000

NET each **\$.39**

DIMENSIONS

10 WATT UNIT $1\frac{1}{2}" \times \frac{3}{8}"$
 20 WATT UNIT $2" \times 1\frac{1}{2}"$

"OHMITE"
 DUAL SCALE RESISTANCE INDICATORS
 2 Scales, 1000 and 100000 ohms Ea.

Net **\$2.40**

CORDOHM LINE CORD RESISTORS
 FOR AC & DC MIDGET RADIOS.

Total voltage drop

in filaments

\$.60

25.2 to 31.5 V.

56.5 to 68.9 V.

68.9 to 75.2 V.

RESISTANCE of

cord

290 ohms

160 ohms

135 ohms

WIRE WATTS, 1 WATT WIRE WOUND

OHMS	OHMS	OHMS
100	1000	6000
125	1100	7000
150	1200	7500
200	1250	8000
250	1500	9000
300	1750	10000
350	2000	12500
400	2250	15000
500	2500	16000
600	3000	17500
700	3500	18000
750	4000	20000
800	4500	22500
900	5000	25000

Net Price Ea. **\$.15**

CENTER TAPPED WIRE WATTS
 10, 15, 20, 25 and 30 Ohms
 Net Ea. **\$.21**

Quality **IRC** *Resistors*

Metallized RESISTOR

TYPE F-1
(1 Watt)

Supplied in all practical ranges from 100 ohms to 10 megohms

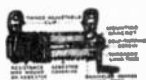
OHMS	OHMS	OHMS	OHMS
100	3500	40000	$\frac{3}{4}$ meg.
250	4000	50000	1 "
450	5000	60000	$1\frac{1}{4}$ "
500	6000	70000	2 "
750	7000	75000	$2\frac{1}{2}$ "
1000	7500	100000	3 "
1250	8000	125000	4 "
1500	9000	150000	5 "
1600	10000	175000	6 "
1750	12500	200000	7 "
1950	15000	250000	8 "
2000	20000	300000	9 "
2250	25000	400000	10 "
2500	30000	500000	
3000	35000		

1 WATT
12¢**2 WATT**
18¢

WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

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THE NEW DESIGN OF TRUVOLT ADJUSTABLE RESISTOR — The Most Adaptable Of All Resistors



GREATLY IMPROVED! 1000 VOLT INSULATION

Electrad

Electrad

Type B	Ohms	Mills.	Net	Type C	Ohms	Mills	Net	Type D	Ohms	Mills	Net
B-1	100	500	\$.49	C-1	100	700	\$.79	D-1	100	865	\$.94
B-2	200	353	"	C-2	200	500	"	D-2	200	610	"
B-2.5	250	320	"	C-3	300	406	"	D-3	300	500	"
B-3	300	289	"	C-4	400	353	"	D-4	400	432	"
B-4	400	250	"	C-5	500	316	"	D-5	500	387	"
B-5	500	224	"	C-7.5	750	259	"	D-7	700	340	"
B-7.5	750	182	"	C-8	800	252	"	D-7.5	750	316	"
B-8	800	177	"	C-10	1000	224	"	D-8	800	306	"
B-8.5	850	165	"	C-12.5	1250	200	"	D-10	1000	274	"
B-10	1000	158	"	C-15	1500	182	"	D-12.5	1250	245	"
B-12.5	1250	141	"	C-20	2000	158	"	D-15	1500	224	"
B-15	1500	120	"	C-22.5	2250	149	"	D-22.5	2250	182	"
B-20	2000	112	"	C-25	2500	141	"	D-25	2500	173	"
B-22.5	2250	105	"	C-30	3000	129	"	D-30	3000	158	"
B-25	2500	100	"	C-35	3500	119	"	D-35	3500	146	"
B-30	3000	91	"	C-40	4000	112	"	D-40	4000	137	"
B-35	3500	84	"	C-45	4500	105	"	D-45	4500	129	"
B-40	4000	79	"	C-50	5000	100	"	D-50	5000	122	"
B-45	4500	75	"	C-60	6000	91	.88	D-60	6000	112	.97
B-50	5000	71	"	C-70	7000	84	.88	D-70	7000	103	.97
B-60	6000	64	"	C-72	7200	83	.88	D-72	7200	102	.97
B-70	7000	60	"	C-75	7500	82	.88	D-75	7500	100	1.00
B-72	7200	59	"	C-80	8000	79	.88	D-80	8000	97	1.00
B-75	7500	58	"	C-90	9000	74	.88	D-90	9000	91	1.00
B-80	8000	56	.53	C-100	10000	71	.97	D-100	10000	87	1.12
B-90	9000	53	.56	C-120	12000	65	.97	D-120	12000	79	1.12
B-100	10000	50	.59	C-150	15000	58	.97	D-150	15000	71	1.26
B-120	12000	45	.59	C-200	20000	50	1.06	D-200	20000	61	1.26
B-150	15000	41	.59	C-250	25000	45	1.09	D-250	25000	55	1.32
B-200	20000	35	.68	C-300	30000	41	1.12	D-300	30000	50	1.32
B-250	25000	32	.68	C-400	40000	35	1.15	D-400	40000	43	1.32
B-300	30000	29	.73	C-500	50000	32	1.18	D-500	50000	39	1.47
B-400	40000	25	.76	C-600	60000	29	1.23	D-600	60000	35	1.62
B-500	50000	22.5	.82	C-800	80000	25	1.32	D-800	80000	31	1.62
				C-1000	100000	22.5	1.47	D-1000	100000	27	1.62

Type B 2in.Long
" C 4in.Long
" D 6in.Long

EXTRA ADJUSTABLE CLIPS FOR ALL TYPES OF TRUVOLT RESISTORS \$.04 Ea.



Type 6P

ELECTRAD
PRECISION
WIRE-WOUND RESISTORS

ACCURACY GUARANTEED 1%
SPECIAL VALUES OBTAINABLE
WRITE FOR FULL INFORMATION



FERRULE TERMINALS
For Precision
Wire-Wound Resistors
Price 15¢ per pair

Ohms	Max.Volts	Mills	Net	Ohms	Max.Volts	Mills	Net
1	1.2	1225	\$.45	40000	245	6.1	.75
5	2.7	548	.45	50000	274	5.5	.75
10	3.8	387	.45	60000	300	5	.90
25	6.1	245	.45	75000	336	4.4	.90
50	8.6	173	.45	100000	387	3.8	1.05
100	12	122	.45	125000	433	3.4	1.20
150	15	100	.45	150000	475	3.1	1.35
200	17	86	.45	175000	510	2.9	1.35
500	27	55	.45	200000	548	2.7	1.35
1000	38	38	.48	225000	580	2.5	1.50
2500	61	24	.51	250000	610	2.4	1.50
5000	86	17	.54	300000	670	2.2	1.65
7500	106	14	.57	400000	750	2.2	1.65
10000	122	12	.57	500000	750	1.5	1.95
12500	137	11	.60	750000	750	1.0	2.40
15000	150	10	.60	1000000	750	.7	3.00
20000	173	8.6	.75				
25000	194	7.7	.75				
30000	212	7	.75				
35000	229	6.5	.75				

HEAT OR TEMPERATURE VARIATIONS
WILL NOT AFFECT THE ACCURACY.

CARBON RESISTORS

Pig Tail Resistors R. M. A.

Color-Coded

Accurate!

Values Of Resistors Stocked

Ohms	1 WATT	Ohms
500		50000
750		75000
1000		100000
1500		150000
2000		250000
2500		500000
3000		750000
5000		1.meg.
7500		1.5meg.
10000		2.meg.
15000		3.meg.
25000		



Buy in quantity lots and save \$\$

25 or more \$.07 ea.
50 or more .06 ea.



MAGNET WIRE

Plain enamel and double cotton covered magnet wire, suitable for all radio and electrical uses.

Size	Plain Enamel		1 Lb. Net
	4 Oz. Net	8 Oz. Net	
#16			\$.42
#18			.43
#20	\$.17	\$.27	
#22	.17	.27	
#24	.17	.29	
#26	.18	.31	
#28	.21	.37	
#30	.24	.42	
#32	.27	.44	
#34	.29	.49	
#36	.35	.60	

Double Cotton Covered

#16			.53
#18			.54
#20	.18	.33	
#22	.22	.37	
#24	.28	.44	
#26	.30	.55	
#28	.37	.70	
#30	.48	.87	
#32	.58	.99	
#34	.66	1.14	
#36	.74	1.32	



SOLID AND STRANDED AERIAL WIRE

100'	7x22	Stranded	NET	\$.48
100'	#14	Solid	"	.45
200'	#14	Solid	"	.83
100'	#12	Solid	"	.66
200'	#12	Solid	"	1.27
100'	#10	Solid	"	1.25
200'	#10	Solid	"	2.50

WIRE



BELDEN LEAD IN WIRE

500' Roll	#18 R.C.	Net	\$1.95
1000' Roll	#20 R.C.	Net	2.75

RUBBER COVERED LEAD IN WIRE

The proper wire for wiring transmitters and high voltage power supplies, also used for lead in and ground wire.

50 Ft. Spool	#16 Wire	NET	\$.42
100 Ft. Spool	#16 Wire		.75



SHIELDED LEAD IN AND GROUND WIRE

Stranded #16 free stripping which is excellent for shielded lead in and low tension automobile shielding.

Per foot	NET	\$.02
Per 50 Ft. Spool		.90
Per 250 Ft. Spool		4.29



MICROPHONE CABLE

CLOTH COVERED SHIELDED MIKE CABLE FOR INDOOR WORK.

NET PER FOOT	\$.05
NET PER 100 FEET	4.62

SHIELDED RUBBER COVERED $\frac{1}{2}$ " DIAMETER MIKE CABLE. IT'S NEW IT'S SMALL.

NET PER FOOT	\$.06
--------------	-------

UNSHIELDED RUBBER COVERED MIKE CABLE. FOR INDOOR OR OUTSIDE WORK.

NET PER FOOT	\$.04
NET PER 100 FEET	3.00

SHIELDED RUBBER COVERED MIKE CABLE FOR INSIDE OR OUTSIDE WORK. EXCELLENT FOR FIELD MICROPHONES. ABSOLUTELY WATER PROOF.

NET PER FOOT	\$.07
NET PER 100 FEET	6.12



WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

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WIRE



SHIELDED CABLES

Moisture proof. Especially adaptable to AUTO-RADIO, PUBLIC ADDRESS SYSTEMS AND SOUND RECORDING.

	SIZE	PER FT. NET
2 Wire	#18	\$.04
3 Wire	#18	.05
4 Wire	#18	.06
5 Wire	#18	.07
6 Wire	#18	.09



SHIELDED IGNITION CABLE

Rubber wall and laquered braid plus outside shield. Ideal for High Tension or Photo Electric Cells

Net Per Foot \$.09



"BELDEN AIRMAN"

A Chambric covered shielded wire especially adapted to automobile and aircraft low tension shielding purposes. #16 Wire.

Net per foot \$.04



SHIELDED LOW CAPACITY CABLE

For auto lead in and short wave converters. Low signal loss when shield is grounded

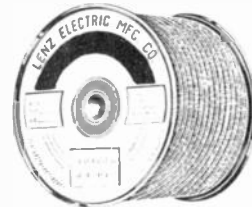
Out-Diam.	Net Per Ft.	Net Per 50 Ft.
1/4	\$.07	\$3.00
1/2	.10	4.50



RUBBER COVERED HOOKUP WIRE

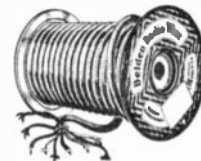
25 Foot rolls rubber covered hookup wire. Stranded tinned copper, #18

#8880 Net per roll \$.18



BATTERY CABLE

	NET Per Ft.	NET Per 100'
5 Wire	\$.04	\$3.90
7 Wire	.06	5.10



9 WIRE ANALYZER CABLE

Consists of nine color coded wires of which two are heavy for filaments.

Net per foot \$.09

HEAVY FILAMENT WIRE

The only wire that is made especially for wiring filaments. Stranded #10 Chambric covered,

Net per foot. \$.02

DIAL CABLES-SHIELDING-ETC.

BRONZE DIAL CABLE

Bronze dial cable such as used on all popular sets.

1 to 10 Ft., Net per Ft.	\$.05
10 to 25 Ft. Net per Ft.	.04
50 Ft. spool	1.35

CLOTH DIAL CABLE

High quality black linen dial cable such as used on Silver-Marshall Etc.

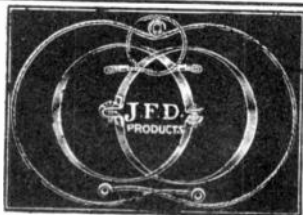
Net per foot \$.05

High quality black linen dial cable slightly smaller in diameter than above described.

Net per foot \$.05

Heavy cord for dials such as used on Kolster, Bremer Tully, Brunswick, Steinite, Etc.

Net per foot \$.05



EXACT REPLACEMENT DIAL CABLES

TYPE SET NET

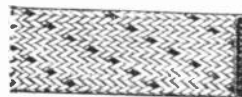
Majestic 70, 71, 72. Each \$.22
" Lots of 6, Each .17

Kolster	K-45	Each	.25
"	6-J	"	.25
"	6-K	"	.25
"	K-43 K-44	"	.30
"	K-20	"	.25

CARTER REMOTE CONTROL CABLE

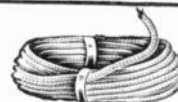
Used on all Carter remote control cables and on many sets such as Majestic 116 Etc.

Carter Cable, Net per foot \$.08



TINNED COPPER SHIELDING

SIZE	Net Per Ft.	Net Per 50 Ft.
13/64	\$.03	\$1.15
3/8	.035	1.35
25/32	.09	4.50



25 FOOT COILS OF HOOKUP WIRE

#20 Stranded push back NET \$.21

Choice of red green or black.

#18 Solid push bak, Net \$.21

Choice of red green or black.

TEST PROD CABLE

The finest wire available for test prods, very flexible and capable of carrying high voltage. Choice of BROWN or BLACK.

Net per foot \$.02



LAMP CORD

TWISTED BLACK LAMP CORD FOR ALL USES SUCH AS RADIO SETS, POWER SUPPLIES, SOLDERING IRONS ETC.

Net per foot, \$.02

WEATHERPROOF LAMP CORD FOR OUTSIDE JOBS OR TRANSPOSED LEAD-IN.

Net per foot, \$.03

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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Antenna Accessories



"PIPE" TYPE GROUND CLAMP
Clamps over pipe and bites
in for solid contact.

#206 Net each \$.06



BUD GROUND RODS
Cadmium plated.

4 Ft. Net \$.30
6 Ft. Net .45



LIGHTNING ARRESTOR

#202 Net Each \$.12



PORCELAIN SCREW EYES

3" Long Net \$.05

7" Long Net .07



BUD PORCELAIN INSULATORS
Brown molded porcelain.

#213 Net each \$.03



BUD SOLDERED LEADIN.
WEATHERPROOF FABRIC.

#207 Net E. \$.05



"BUD" ANTENNA
ELIMINATOR AND SELECTOR

A device which does away
with outside aerial and
unsightly wires. Equal
to 75 Ft. outside aerial.

#100 Eliminator-Net \$.90



GLASS INSULATORS

#215 Net each \$.06



BUD STRAP GROUND CLAMP

#205 Net each \$.04

MEISSNER COILS



175 K.C. COMPOSITE
OSCILLATOR.

Top tuning, matches
.00036 tracker.

#5276 Net \$1.25



ANTENNA AND R.F. COILS

High gain with coupling
rings. Tune with .00036
condenser.

#5293 Antenna-Net- \$.67
#5294 R.F. Net .67



PRESELECTOR

High gain shielded
band pass selector.

#5277 Net \$.87



MIDGET 175 K.C. I.F.
TRANSFORMERS.

Top tuning, midget
size, for S.G. tubes.

#5278 Net \$.87

With secondary center
tapped for 55, 85, Etc.

#5279 Net \$.97



OSCILLATOR

Shielded oscillator for
use with I.F. transfor-
mers listed here.

#5292 Net \$.75



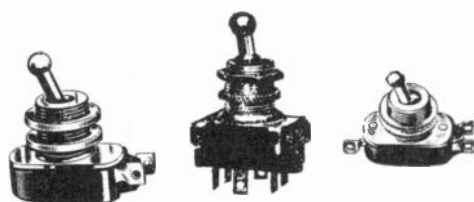
I.F. TRANSFORMERS

High gain shielded
intermediates.

#5282 175 K.C.
#5283 465 K.C.

Net Each \$.89

ESSENTIAL ACCESSORIES



SWITCHES

		NET
H.&H.	S.P.S.T.	\$.40
H.&H.	S.P.D.T.	.50
H.&H.	D.P.D.T.	.80

CARLING	S.P.S.T.	$\frac{1}{2}$ " Shank	.16
CARLING	S.P.S.T.	1" "	.25

I.C.A.	ROTARY	S.P.S.T.	.24
I.C.A.	ROTARY	S.P.D.T.	.30



I.C.A. KNIFE SWITCHES

Genuine bakelite base. Fine for high voltage work. Low loss.

TYPE	NO.	NET
SPST	1216	\$.30
SPDT	1217	.36
DPST	1218	.42
DPDT	1219	.48



INSTRUMENT FUSES

These well known "LITTLEFUSES" are the set standard for protecting your instruments from damage by short circuits and excessive loads.

1/100, 1/32, 1/16 Ampere
Net Each \$.12

1/8, 1/4 Ampere
Net Each .09

1, 2 Ampere
Net Each .06



BUSS RADIO FUSES

1 Ampere	Net	\$.04
1 1/2 Ampere	Net	.04
2 Ampere	Net	.04
3 Ampere	Net	.04



KESTER SOLDER

Requires no flux or acid. Fine for radio or electrical work.

4 Oz. can	Net	\$.18
1 Lb. Spool	Net	.61



"QUICKUP AERIAL TAPE"

Sticks to anything. For any home radio set or auto radio.

Net per roll \$.36



DOUBLE HEAD SET CORDS

Used on all standard head sets.
5 Foot cords.
Net Each \$.25

SINGLE HEAD SET CORDS

Used on all single head sets, magnetic speakers, phonograph, pickups.
5 Foot Cords, Net Each \$.25



PANTHER FRICTION TAPE

High quality friction rubber. OK for radio, auto, and all electrical uses. Package contains 1/2 pound.

Net per package, \$.20

WALTER ASHE RADIO CO.

1100 PINE STREET

ST. LOUIS, MO.

19

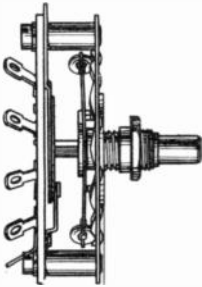
YAXLEY

YAXLEY MANUFACTURING CO.

Division of P. R. Mallory & Co.

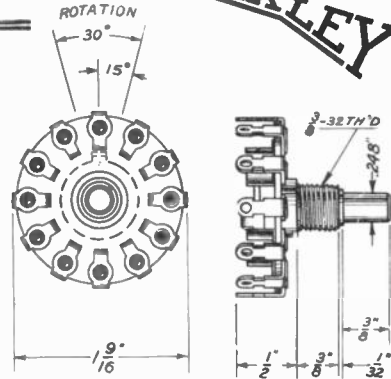
YAXLEY

No. I200 and I300 type tap switches
Each switch is adjustable to the number of taps to be used.



SINGLE GANG SWITCHES

Non Shorting Type		Net Price
I316	Single Circuit I to 6 points	\$.60
I311	Single Circuit I to 11 points	.69
I315	2 Circuit I to 5 points ea.ckt.	.75
I313	3 Circuit I to 3 points ea.ckt.	.81
I312	4 Circuit I to 2 points ea.ckt.	.87
TWO GANG SWITCHES		
I326	2 Circuit I to 6 points ea.ckt.	.96
I321	2 Circuit I to 11 points ea.ckt.	1.05
I325	4 Circuit I to 5 points ea.ckt.	1.20
I323	6 Circuit I to 3 points ea.ckt.	1.26
I322	8 Circuit I to 2 points ea.ckt.	1.35
THREE GANG SWITCHES		
I336	3 Circuit I to 6 points ea.ckt.	1.32
I331	3 Circuit I to 11 points ea.ckt.	1.41
I335	6 Circuit I to 5 points ea.ckt.	1.50
FOUR GANG SWITCHES		
I346	4 Circuit I to 6 points ea.ckt.	1.65
I341	4 Circuit I to 11 points ea.ckt.	1.80
I345	8 Circuit I to 5 points ea.ckt.	2.10



No. 2742--Combination switch with following positions: 1, 2, 3, or 4 Pole, single or double throw. **NET \$.45**

No. 2762--Same as above with additional positions: 5 or 6 Pole, single or double throw. **NET \$.60**

INSULATED TIP JACKS



One red and one black
Per set of two
Net \$15



JUNIOR JACKS

	Net
No. 701 Open Circuit	\$.24
No. 702 Circuit Closing	.33
No. 702A Two Circuit	.33
No. 703 Single Circuit Filament Control	.39
No. 703A Circuit Reversing	.39
No. 703C Double Circuit	.39
No. 704 Interstage	.45
No. 704A Two Circuit Filament Control	.45
No. 705 Two Circuit Filament Lighting	.51
No. 706 Interstage Filament Control	.57

No. 75 PHONE PLUG



Net \$.30

No. 100 EXTENSION JACK



Net \$.45

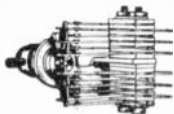
No. 310 PILOT LIGHT BRACKET



Red jewel
Net \$.30



No. 330 PANEL LIGHT
Net \$.30



MIDGET JACK SWITCHES

Two position switches	Net
No. 720 Single Pole, Single Throw	\$.42
No. 730 Single Pole, Double Throw	.51
No. 740 Double Pole, Single Throw	.57
No. 745 5 Spring, 2 Make and 1 Break	.66
No. 760 Double Throw, Double Pole	.75
No. 733 Three Pole, Single Throw	.75
No. 744 Four Pole, Single Throw	.96
THREE POSITION SWITCHES	
Center off position	
No. 732 Single Pole, Double Throw	.51
No. 762 Double Pole, Double Throw	.72
No. 763 Three Pole, Double Throw	.93
No. 764 Four Pole, Double Throw	1.17



PUSH BUTTON SWITCHES

Non locking type carried in stock,
Locking type can be had on order.

	Net
No. 2001 Single Pole, Make Contact	\$.54
No. 2002 Single Pole, Break Contact	.54
No. 2003 Single Pole, Double Throw	.60
No. 2004 2 Pole, Makes Two Contacts	.72
No. 2005 2 Pole, Breaks Two Contacts	.72
No. 2006 Two Pole, Double Throw	.90
No. 2007 2 Pole, Make two, Break One	.78
No. 2008 2 Pole, D.T. Make Before Break	.99

Locking type is same price.

CENTER TAP RESISTORS



	Net
6 Ohm	\$.21
10 Ohm	.21
15 Ohm	.21
20 Ohm	.21
30 Ohm	.21

RHEOSTATS AND POTENTIOMETERS



Rheostats	
6 Ohm	Net \$.45
10 Ohm	.45
15 Ohm	.45
20 Ohm	.45
30 Ohm	.45
40 Ohm	.45
50 Ohm	.45
100 Ohm	.45
Potentiometers	
100 Ohm	Net \$.60
200 Ohm	.60
400 Ohm	.60

BUD NEUTRALIZING AND ALIGNMENT TOOLS



4-1 Neutralizing tool.

#118 Net \$.45



Neutralizing screw driver with knob

#286 Net \$.27



Offset tool

#281 Net \$.27



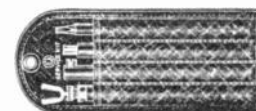
Neutralizing screw driver.

#285 Net \$.20



Bud R.C.A. alignment tool with screwdriver.

Net \$.30



Neutralizing kit of tools

Net \$2.40

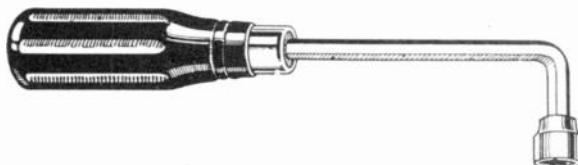


Special attachment for Majestic radios #119M Net \$.15



Special attachment for Crosley radios #119C Net \$.15

SPIN TYPE WRENCHES



STRAIGHT HANDLE

		NET
3/16	Hex. Nut	\$.15
1/4	" "	.15
5/16	" "	.15
3/8	" "	.15
7/16	" "	.15
1/2	" "	.15

OFFSET HANDLE

		NET
3/16	Hex. Nut	\$.21
1/4	" "	.21
5/16	" "	.21
3/8	" "	.21
7/16	" "	.21
1/2	" "	.21



BUD SOCKET WRENCHES

LENGTH	SIZE	NO.	NET
5 1/4	3/16	1086	\$.18
5 1/4	1/4	1087	.18
5 1/4	5/16	1088	.21
5 1/4	11/32	1089	.21
5 1/4	3/8	1090	.24



BUD EASY STARTING SCREW HOLDER

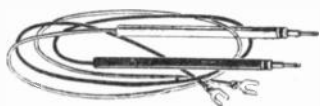
No.	Holds screw no.	Net
852	2 to 6 Inc.	\$.10
853	6 to 12 Inc.	\$.14



BUD SCREW DRIVERS

LENGTH OVERALL	NO.	NET
5 5/8	1102	\$.15
7 5/8	1104	.18

PARTS — ACCESSORIES



TEST LEADS

#184 Has phonograph needle in tip which can be replaced.
Net per pair \$.45

#1841 Has long sharp needle points. Not replacable.
Net per pair \$.30



No. 296

PHONE JACKS

Will accomodate #231, 228, 229 plugs,

#296 Net Each \$.06



No. 231

PHONE TIPS

Will fit all pin jacks.

#231 Net each \$.01



No. 228

JUNIOR PHONE PLUG

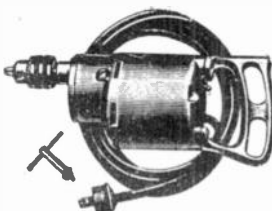
Solderless type 1½ Long.
#228 Net Each \$.06



No. 229

SENIOR PHONE PLUG

Solderless type 1½ Long
#229 Net Each \$.10



"SIGNAL" Drill with 1/4" Jacobs chuck,

Net \$15.05



No. 233



No. 232

OPEN CIRCUIT JACK
Midget type well insul.

#232 Net Each \$.18

SINGLE CLOSED CIRCUIT JACK. MIDGET TYPE.

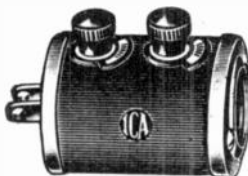
#233 Net Each \$.21



I.C.A. Insulated Jacks

Variety of colors,

Net \$.06



I.C.A. DYNATROL

Line Noise Filter

Net \$.90



BAKELITE FUSE BLOCK

Fits standard auto or radio fuse.

Net - - - - \$.09



MIDGET FUSE CLIPS

NET EACH \$.01



BUD SCREEN GRID CLIP

No. 107

Net Each, \$.02

"Grip-All" Tool



"Mechanical Finger"

Net - - - - \$.57

"STEVENS" SPINTITE

Set No. T-51



Many mechanics prefer the compactness and protability of the tool roll. Contains 3 screw driver bits of crucible steel, with 1/8, 3/16, 1/4 in. blades and extra long shanks: 1 ream awl (or starting screw, reaming holes, laying out parts, etc. 7 Spintite hex. bits, 3/16, 1/4, 5/16, 11/32, 3/8, 7/16, and 1/2 with Universal Handle. No. T-51 Set complete in roll

PER SET--NET - \$3.50

RADIO ACCESSORIES



TUBE SOCKETS

Base or panel mount.

		Net
#264	4 prong	\$.18
265	5 "	.18
266	6 "	.24
267	7L "	.24
885	7S "	.24
1062	4-5-6 Comb.	.30
1061	7 L.S.	.27



MOULDED BASE MOUNT SOCKETS

		NET
#280	4 Prong	\$.16
#281	5 "	.18
#282	6 "	.21
#283	7 " Large	.21
#284	7 " Small	.21



WATER SOCKETS

Small and sturdy. Constructed of tough bakelite. Has special connections that cleans tube prongs as they are inserted. A socket that ends loose connections and corroded prongs.

4,5,6,7 large & small stocked
NET \$.05



MALE CHASSIS PLUGS

		Net
#1030	4 prong	\$.09
1031	5 "	.10
1032	6 "	.11
1033	7 " L.	.12
1034	7 " S.	.12



"NAALD" PLUGS AND ADAPTORS

		NET
7 Prong Plug		\$2.10
7 Small to 7 Large		.75
7 to 6		.75
7 to 5		.75
7 to 4		.75



PILOT LIGHT SOCKETS

NET EACH \$.08



BATTERY CLIPS

	NET
PES-WEE SIZE	\$.04
MEDIUM SIZE	.07
HEAVY DUTY SIZE	.12



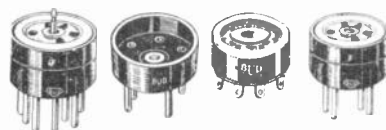
ALLIGATOR CLIPS

NET EACH \$.05



BAKELITE SPEAKER AND ANALYZER PLUGS

		No.	NET
4 Prong speaker plug		290	\$.12
5 " " " "		291	.12
6 " " " "		308	.15
7 " " " L.		314	.18
7 " " " S.	1035		.18
4 Prong Anal. plug		288	.18
5 " " " "		289	.18
6 " " " "		309	.21
7 " " " L.		313	.24
7 " " " S.	1037		.24



MAKE YOUR OWN ADAPTORS

Male Section

No.		NET
1022	4 Prong	\$.09
1023	5 "	.12
1024	6 "	.15
1025	7 "	.15

Female Section

No.		NET
1017	4 Hole	\$.12
1018	5 "	.15
1019	6 "	.15
1020	7 " L.	.15
1021	7 " S.	.15
1083	7 " Comb.	.24
1084	4-5-6 "	.24
1045	Lock On Stud	.12

LINE BALLASTS

Clarion 51,53,55	#2408
Majestic 7P6	1516
" 7BP6	1503
" 8P6	1012
" 90	1210
Stewart Warner 900	5001
" " 950	5002

ALL MODELS NET \$1.50



CABLE CONNECTOR PLUGS

		NET
#404	4 Prong	\$.29
405	5 "	.29
407	6 "	.32
409	7 " L.	.35
1040	7 " S.	.35

UNIVERSAL ADAPTORS

These adaptors enable the user to get at any desired element by simply hooking to the desired prong.

		Net
#2027	4 prong	\$.15
2028	5 "	.15
2029	6 "	.15
2030	7 "	.15



"KBY" BINDING POSTS

NET EACH \$.09



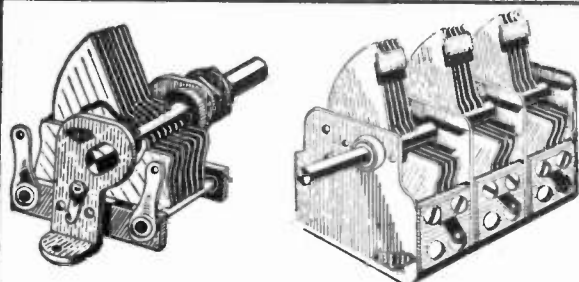
INSULATED SCREEN GRID CAP

Net each \$.09

WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

23



BUD PRECISION TUNING CONDENSERS

SINGLE GANG

No.	Min. Cap.	Max. Cap.	Net
1047	5 Mmfd.	50 Mmfd.	\$.79
1048	7 "	100 "	.82
968	8 "	150 "	.85
1043	17 "	350 "	.88

TWO GANG

971	8 "	150 "	\$1.41
969	17 "	350 "	1.47

THREE GANG

973	8 "	150 "	\$2.06
970	17 "	350 "	2.00

THREE GANG SUPER-HET CONDENSERS

One section is designed to track with I.F. of 175 K.C. The other two sections having a maximum capacity of 350 Mmfd. per sect.

No.	K.C.	Net
972	175	\$2.06
964	465	2.06

FOUR GANG SUPER-HET CONDENSERS

One section is designed to track with an I.F. of 175 K.C. The other three sections having a maximum of 350 Mmfd. per sect.

No.	K.C.	Net
858	175	\$2.65
857	465	2.65

KNOBS

#145 Bakelite knob with arrow, Net each \$.06



#141 Pressed wood knob, will match R.C.A., G.E. Westinghouse, Etc. Net each \$.12



TUNING-

CONDENSERS,

SHIELDS,

CHOKES,

KNOBS,



No. 392



No. 292

TUBE SHIELDS

New three piece shield for 56, 58 and similar shape tubes.

#392 Net \$.15

Old type shield for 24, 35, and similar types.

292 Net \$.12



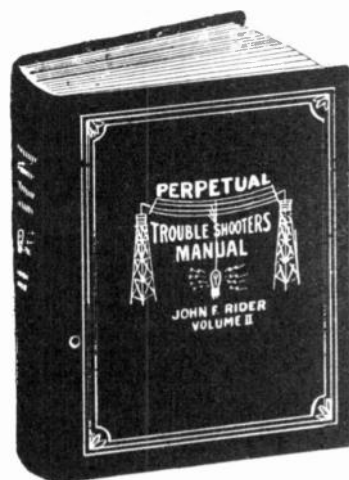
SHIELDED AND UNSHIELDED CHOKE COILS

NO.	M.H.	NET
1771	80	\$.39
1772	60	.36
1773	30	.33
1774	10	.27
1775	5 1/2	.24
1776	3 1/2	.24
1777	2 1/2	.24

Shielded

270	80	.54
272	60	.51
271	30	.48
273	10	.42
274	5 1/2	.39
275	3 1/2	.39
276	2 1/2	.39

Perpetual Trouble Shooter's Manual



THE "RIDER MANUALS" ARE THE ACCEPTED STANDARD IN THE RADIO SERVICE INDUSTRY. NO SERVICE SHOP IS COMPLETE WITHOUT THEM. NO DUPLICATIONS IN VOLUME 1, 2, 3, OR 4.

	NET
VOLUME 1 *	\$7.50
VOLUME 2	6.50
VOLUME 3	7.50
VOLUME 4	7.50
RIDER AUTO MANUAL	3.50
RADIO SERVICE QUESTIONS AND ANSWERS	1.00
SERVICING SUPERHETERODYNES	1.00
SERVICING RECEIVERS BY MEANS OF RESISTANCE MEASUREMENT	1.00
PRACTICAL TESTING SYSTEMS	1.00

*Due to an unavoidable accident, destroying most of the plates for volume I there will be no more copies printed. Get YOURS while our stock lasts!

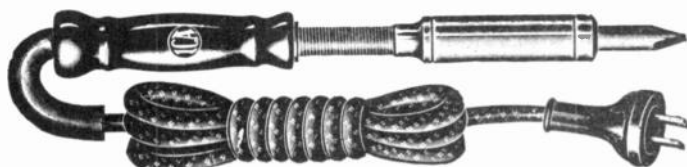
I.C.A. SOLDERING IRONS

"SEALED IN INSULEX"

50 — 75 — 100 Watt, 120 Volt

Fully Nickel Plated

Efficient "All-Purpose" Irons



		NET
#1960	50 Watt	\$ 2.06
#1962	75 Watt	2.34
#1961	100 Watt	2.65

REPLACEMENT ELEMENTS

No.		
No.1985	50 Watt	\$.90
No.1986	75 Watt	1.05
No.1987	100 Watt	1.20

REPLACEMENT TIPS

For				
50 Watt	Iron			\$.21
" 75 "	" "			.24
" 100 "	" "			.30

MIDGET SOLDERITE



OVERALL SIZE 8 INCHES. SMALLER SOLDERING IRON

Only a 25 Watt Iron - Yet it heats in one minute. Ideal for midgets and portable service work. NET . . \$.90

Jackson "STANDARD" Soldering Irons



50 Watt	\$.75
75 Watt	1.50
150 Watt	3.00
200 Watt	4.13

"A HELPFUL HINT" Use rosin core solder for all of your work and the tip on your iron will last three times as long. If you have to use a flux on certain metals, wipe the iron off immediately after use. The tip won't pit as easily and will always be ready for that unhandy corner.

WALTER ASHE RADIO CO.

1100 PINE STREET

ST. LOUIS, MO.

25



PRICES EFFECTIVE JUNE 1st 1934

RAY-O-VAC RADIO BATTERIES

ALL RAY-O-VAC BATTERIES ARE
GUARANTEED TO BE OF FRESH
STOCK. ALWAYS RELIABLE

TYPE
2303
5203
9303

TYPE
5151
4151
231W
531R
551

TYPE
1211

TYPE
7933
7233

CLASS A "B" BATTERIES

VOLTAGE	DESCRIPTION	NET
45	Standard	\$1.15
45	Portable	.85
45	Heavy Duty	1.46

CLASS A "C" BATTERIES

VOLTAGE	DESCRIPTION	NET
22½	Standard	.61
22½	Midget	.56
4½	Standard	.22
4½	For test kit	.28
7½	Standard	.44

CLASS A "A" BATTERIES

VOLTAGE	DESCRIPTION	NET
1½	Standard "A" Cell	.28

CLASS C "B" BATTERIES

VOLTAGE	DESCRIPTION	NET
45	Heavy Duty	1.20
45	Standard	.88

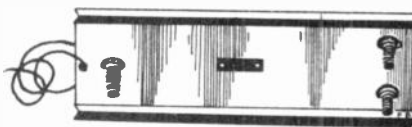
Carter GENEMOTOR Power Plants



A MOTOR-GENERATOR
Delivers 180-200 V.
at 30-50 MA.

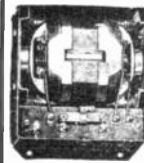
NET \$9.90
FOR SOUND TRUCKS
#3500 350V. 100M.A.
NET \$16.50
#5075 265V. 75M.A.
NET \$15.00

I.C.A. PLATE ANTENNA



Bolts under the running board.
Easy to install, never wears out,
and can't get lost. Made of spec-
ial alloy metal that won't rust.
NET \$ 1.47

PIONEER The ORIGINAL "B" ELIMINATOR



A COMPACT MOTOR
GENERATOR
Complete with filter,
draws only 1.94 Amps.
from battery. Will
deliver 180 Volts at
30 Mills. List \$18.90
NET \$11.34

MALLORY ELKON "B" ELIMINATOR

TUBELESS AUTO
RADIO "B" SUPPLY

Delivers: 180 Volts at 30 M.A.

TYPE 11, LIST \$19.95

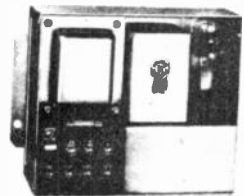
NET \$11.97



"Multi-Tap" (TRADE MARK)

"B" POWER SUPPLY UNIT

FULLWAVE TUBE RECTIFIER
Delivers 250 Volts tapped at
90, 135, and 180 Volts all at
30 to 40 M.A. Completely fil-
tered, fused and has built in
relay. List \$15.00



NET \$ 8.82



MALLORY ELKONODE

REPLACEMENTS

TYPES IN STOCK

#1,2,3, } \$ 2.70

#4,5,6, } \$ 4.20

#10,11,12, } \$ 4.20

#13,14, } \$ 4.20

Radliart

REPLACEMENT VIBRATORS FOR AUTO RADIOS

MAKES
G.E. & RCA
" " " "

Majestic
Motorola

" " "

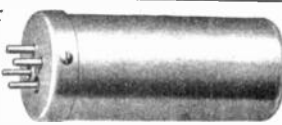
Philco

" " "

" " "

UNITED MOTORS, &) M34

B.O.P. & CHIV.) M105



MODEL	STOCK	NET
C-41	3319	\$3.30
B-40	3319	3.30
66	3310	5.40
Dual 6	3260	2.85
Twin 8	3260	2.85
34	3260	2.85
6F	3320	2.85
9F	3320	2.85
10	3320	2.85
5T	3320	2.85
11	3320	2.85
800	3320	2.85
M34	3315	3.30
M105	3315	3.30

Centralab

SUPPRESSORS

#327 Fits most cars.

\$.15

#329 Fits on Dis-
tributer caps.

\$.20

#339 Used where
space is limit-
ed.

\$.20

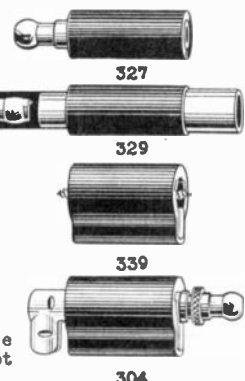
#304 Snaps on plug
at any angle.

\$.20

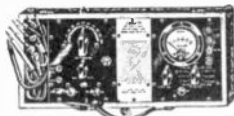
#343 Special for
Fords '33 & '34

\$.18

Standard resistance
is 10,000 ohms, except
for Fords which is
20,000 Ohms.



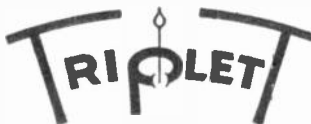
SEE PAGE ON REPLACEMENT TRANSFORMERS FOR DUPLICATES FOR AUTO RADIOS AND ELIMINATORS.



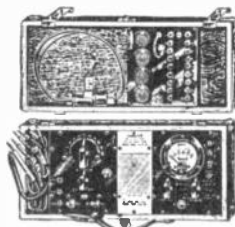
No. 1180
PERPETUAL TESTER

This tester is built for lifetime use. Tests tubes while operating in the set socket, by measuring gain in output. In oak carrying case and includes the following: All-Wave Oscillator and a Universal Volt-Ohm-Milliammeter, for measuring AC or DC Volts, DC Mills, Resistance, Capacity, and inductance. The most handy unit for service work benches. Has all necessary equipment for complete analysis right at your finger tips.

NET \$29.40



RADIO TEST SETS.



No. 1181
FREE-POINT TEST SET

Includes all features of No. 1180 with added advantage of Plug-in analyzer that allows meter to be inserted in or across any tube connections.

NET \$37.24



No. 1167
FREE-POINT SET TESTER

Includes the same Volt-Ohm-Milliammeter as in the Nos. 1180 and 1181, plus a Auxiliary Set Tester that brings all the set socket connections to each of the various tube elements, through an attached cable & plug. With this unit voltages, currents, resistances, and continuities may be measured quickly and accurately without removing the radio set chassis from the cabinets. Ideal for trouble-finding while in the home.

NET \$24.50

SINGLE UNIT CASE



No. 1201

Leatherette Portable case for carrying any one of the MASTER line units on PAGE 60 of this catalogue Felt lined, with small extra compartment for accessories. Size $8\frac{1}{2}$ " x 10" x $5\frac{1}{2}$ " deep.

NET \$ 4.00

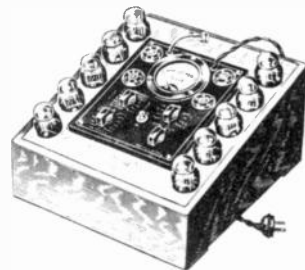
FOUR UNIT CASE



No. 1204

Leatherette covered Portable carrying case for all four MASTER units on PAGE 60 Felt lined with additional space for accessories. Very attractive. Size $17\frac{1}{2}$ " x $17\frac{1}{2}$ " x $5\frac{1}{2}$ " deep.

NET \$ 6.00



No. 1211

Counter tube tester case for unit No. 1210 on PAGE 60. Has sloping Oak Panel slightly lower than No. 1210 panel when unit is inserted. Holes for extra tubes are provided Made of quartered Oak.

NET \$ 4.00



BAKELITE
BAR KNOBS

Pointer type. Screw mounting. Furnished in two sizes

$2\frac{1}{2}$ ".....NET \$.14
 $1\frac{1}{2}$ "..... .10

NOTICE! SEE PAGE 60,

FOR COMPLETE NEW LINE OF ANALYZERS!

WALTER ASHE RADIO CO.

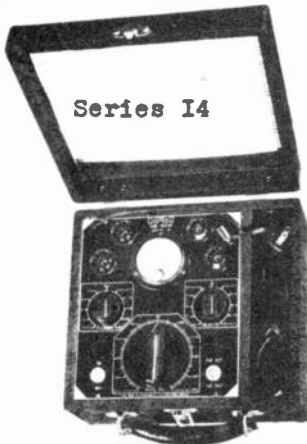
1100 PINE STREET * * * ST. LOUIS, MO.

27

DAYRAD

ENGLISH READING TUBE CHECKERS

ALL WAVE SIGNAL GENERATOR



Series I4



Series I9



Series 32

Both models portable. Series I9 is designed for counter use.

Voltage adjusting switch on both models is a feature that will keep in step with all new tubes. Special cathode to heater short test system.

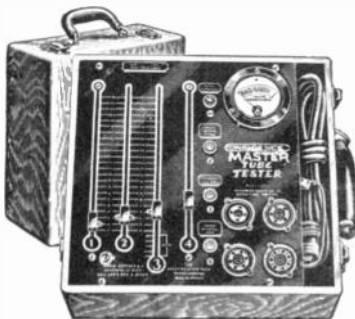
Net \$24.75

No. I9 has new neon lamp system for checking any type of short or leakage. Net \$29.75

Latest type all wave oscillator accurately calibrated.

Frequency 100KC to 13,000KC Switch for modulated or unmodulated sigs. Net \$28.00

CONFIDENCE



New "MASTER" model shows all possible shorts. Four quick easy steps, tests over 150 tubes, "MASTER" model, NET \$ 39.50

Supreme 333 DeLuxe Analyzer

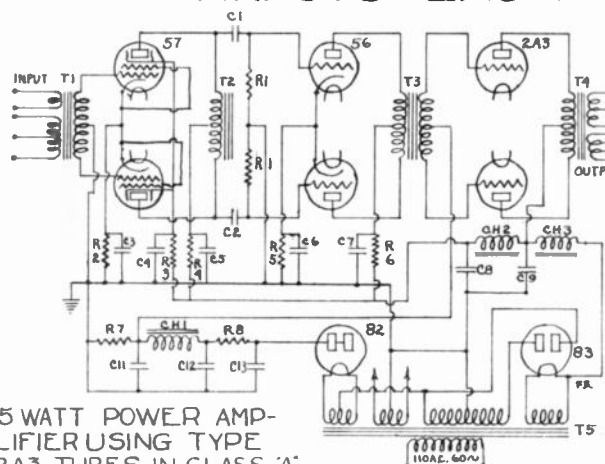
Has a NEW



rectifier system

Latest type SUPREME set analyzer. Used by servicemen and for laboratory work. Consists of point to point tester, capacity meter, ohm-meter, and A.C.D.C. volt-milliammeter. SCALES-0-1250 volts or milliamps A.C. or D.C. - 0-1 Megohm meter - .0025 Mfd. to 12.5 Mfd. Meter-Output meter. Complete in oak case. SUPREME 333 NET \$39.95

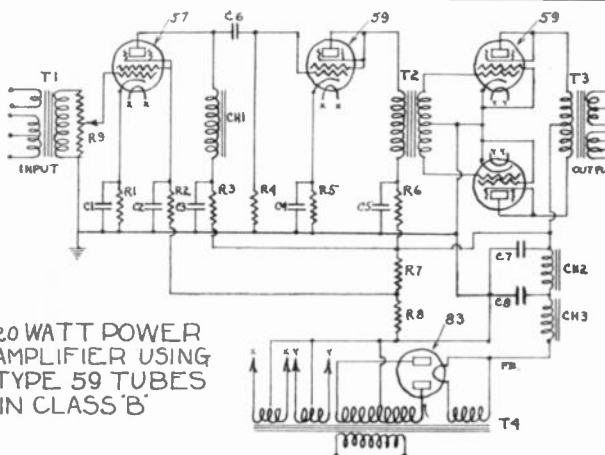
P.A. SYSTEMS FOR ALL OCCASIONS



15 WATT POWER AMP-
LIFIER USING TYPE
2A3 TUBES IN CLASS "A"

LEGEND

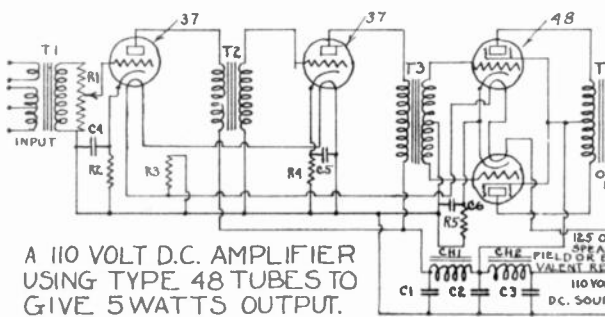
NET					
\$4.50	R5- 250,000	1	4	carbon	.08
3.20	R6- 5,000	2		IRC	.18
3.60	R7- 15,000				.18
4.20	R8- 75,000				.18
6.00	2	6	Prong wafer sockets		.16
2.70	2	5			.12
2.40	4				.24
2.70	1		Metal Chassis 10"x 12"x 3"		1.65
.60	2		Sylvania 57 tubes		1.20
.51	2		56		.82
.51	2		2A3		1.90
2.04	1		83		.60
.75	1		82		.46
.39	12		Eby Binding Posts		1.06
.39	1		6' Cord and plug		.17
.08	2		Screen Grid Clips		.06
					.08
			TOTAL NET COST		\$ 44.24



20 WATT POWER
AMPLIFIER USING
TYPE 59 TUBES
IN CLASS "B"

LEGEND

NET					
\$4.50	R7-25,000 ohms 10watt RedDevil res.				.59
3.20	R8-10,000				.21
4.20	R9-100,000				.62
7.20	1	4	prong wafer socket		.06
2.00	6				.08
2.70	3	7		Large	.24
2.70	1		Chassis 10"x 17"x 3"		2.10
.75	1		Sylvania 59 tube		.60
3.06	1		83		2.61
.18	1		89		.60
1.62	1		6' Cord and plug		.17
.12	2		Eby binding posts		1.08
.08	1		58 tube shield		.16
.08	1		Screen grid clip		.03
.08					.08
.21					.21
.49			TOTAL NET COST		\$ 42.28



A 110 VOLT D.C. AMPLIFIER
USING TYPE 48 TUBES TO
GIVE 5 WATTS OUTPUT.

LEGEND

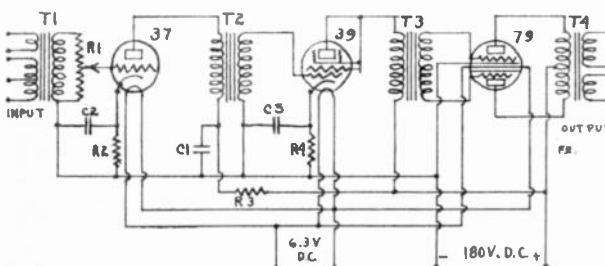
NET					
\$4.50	C4, C5-10mf 25volt Electro.				.72
2.70	C6-25mf 25volt				.61
3.00	5	prong wafer sockets			.12
4.20	6				.16
2.10	1	Eby binding posts			.99
2.40	1	Chassis 10"x 12"x 3"			1.65
.62	1	6' cord and plug			.17
.19	1	Sylvania 37 tubes			.92
.21	2	48			3.24
.19	1	125V. 100 W.res. (2 50W. in par.)			1.58
.21					.21
.39					.39
.96			TOTAL NET COST		\$ 31.71

LEGEND

NET					
\$4.50	T1-UTC PA136 Univ.input				.59
2.70	T2-UTC PA131 Interstage Audio				.24
3.30	T3-UTC PA50 Class"B" input				.30
4.20	T4-UTC PA20				.16
C2-25mf 400volt tubular cond.					.15
C2, C3-10mf 25volt Electro.					.72
R2-500,000 ohm Pot. #C-59					.44
R2-2,500 ohm 1watt carbon res.					.08
R3-25,000					.08
R4-1,500					.08
2	5	prong wafer sockets			.12
1	6				.08
1		Chassis 10"x 12"x 3"			1.65
1		4 prong wafer socket and 4 prong			
1		speaker plug for power cable			.21
1		Sylvania 37 tube			.46
1		39			.65
1		79			.71
					.71
			TOTAL NET COST		\$ 20.13

A SMALL COMPACT,
PORTABLE AMPLIFIER
FOR AUTOMOBILE USE.

IT USES ONLY THREE
TUBES AND CAN BE
OPERATED FROM AL-
MOST ANY 180 TO 200
VOLT ELIMINATOR.

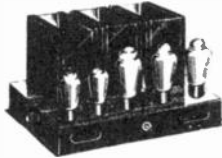


WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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SUPERIOR QUALITY BARGAIN POWER AMPLIFIERS



**3 STAGE PUSH PULL
POWER AMPLIFIER**
-----0-----
Mounted on 16 guage steel chassis finished in black.
Drives 4 dynamics or 250 magnetics.

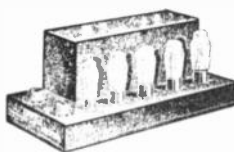
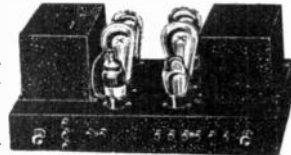
Covers 2000 people.
Has built in gain control. 75 D.B. gain. Consumes only 100 Watts. Uses following tubes: 1-56, 1-57, 2-2A3's, and 1-5Z3. Supplied less output transformer. Wt. 50 lbs.

NET (Less tubes) \$ 25.92

**3 STAGE PUSH PULL
30 WATT POWER AMPLIFIER**
-----0-----
Heavy guage steel chassis finished in black crystal lacquer.

High efficiency with overall gain of 115 D.B.
Input for single or double button mike, high or low impedance pickup. Internal mike current supply. Consumes 100 Watts power. Has output impedances of 15, 500, and 4000 ohms. Wt. 55 lbs.

NET (Less tubes) \$ 36.45



16 WATT CLASS AB AMPLIFIER

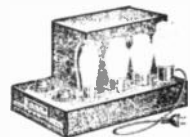
The new class "AB" circuit allows exceptional tone quality at either low or high output. Input impedance 250,000 ohms - gain control to grid. Output: 2, 5, 7, 15, 125, 250, 500 ohms. Mike current for one double button microphone. Field current for three 2500 ohm fields. Tube line-up: 1-57, 1-2A5, 2-2A5, 1-83. Wt 23 lbs.

NET (Less tubes) \$ 24.95

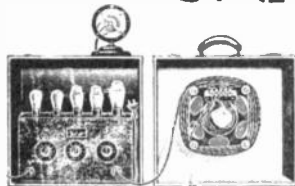
7 WATT CLASS A AMPLIFIER

Has same specifications as the amplifier opposite except that the output is 7 Watts straight class "A". The tubes used are as follows: 1-57, 1-2A5, 1-2A5 final stage, and 1-5Z3. Current for only one or two 2500 ohm dynamic speaker fields is supplied. Overall dimensions are 7" x 7" x 12". The weight, packed, is 20 pounds. Supplied less tubes and all accessories but ready for immediate use.

NET (Less tubes) \$ 15.95



UNITED SOUND ENG. CO.



**U-19 PORTABLE
ALL-PURPOSE P.A. SYSTEM**
Sturdy wood case with auto top covering.

8 WATTS OUTPUT
3 stages with 96 D.B. gain. Supplies 16 watts field current for two 2500 ohm fields. Input impedance: will match any 2 button mike or field supply for one or two following tubes 2-56, 2-2A5, and 1-5Z3. Consumes only 80 watts. Output impedance: 500 ohms. Wt. 20 lbs. Comes complete with microphone, 10' mike cable, plugs, 50' speaker cord, cased 10" dynamic speaker, desk stand for mike and everything else that makes a complete job.

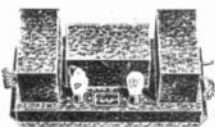
NET (Complete) \$ 81.00
Extra speaker assembly. (Portable) \$ 21.00

U-29 PORTABLE UNIVERSAL AMPLIFIER

8 WATTS OUTPUT
Very similar to the U-19 listed above except the tubes used are as follows: 1-79, 1-76, 2-42's, and 1-5Z3. A field supply for one or two

duo-field speakers with 10,000 ohm and 6 ohm windings. Will operate from 6 Volts D.C. (storage battery), or 110 Volts A.C. Change made by plugging the power into the proper receptacle and throwing one toggle switch to A.C. or D.C. side. Standard equipment same as the U-19. READY TO OPERATE. Nothing to worry about.

NET (Complete) \$ 105.00
Extra speaker assembly. (Portable) \$ 24.00

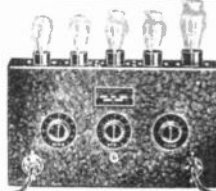


COMPLETE 6 VOLT AMPLIFIER

8 Watts output which is sufficient for almost any auto sound installation. Plate current is obtained thru built in power converter. Has gain control, tone control, and power switch mounted on chassis. Uses 76, 75, 42, 42 tubes.

NET (Less tubes) \$ 44.40

EIGHT
WATT



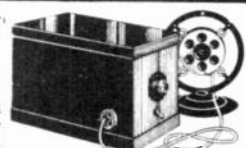
POWER
AMP.

Three stage, 96 db gain. Field current, 16 watts available for up to two 2500 ohm fields. Input impedance matches any 2 button mike or high impedance pickup. Uses 2-56, 2-2A5, 1-5Z3. consumes 80 watt Output impedance 500 ohms.
NET (Complete) \$ 41.40

FE. P.A. CONVERTER For car & Home radios

Uses 2 '30 tubes, 2 #6 dry cells, and one 45 volt "B" battery. Will convert any AC or DC radio into a sound system output of which is determined by the output of radio. No adaptor necessary, connects to aerial and ground. Comes with 2 button mike, desk stand, and 10' mike cable.

NET (Complete less bats.)....\$ 17.40



CARRYING CASES
Black, fabricoid, grained covering. Hole cut for Jensen or Utah 12" dynamic speakers. Convenient carrying handle, metal corners, locks, and cover for protecting speaker from dust and weather. It measures overall 18" high, by 16" wide, by 10" deep.

NET.....\$ 5.50
Other sizes on order, built to your specifications, priced right

X

SPECIAL AMPLIFIERS

WE ARE NOW EQUIPED TO MANUFACTURE ALMOST ANY TYPE OF AMPLIFIER, PERTAINING TO RADIO THAT IS REQUIRED. EXPERIENCED TECHNICIANS, DESIGN AND CONSTRUCT THE DESIRED UNITS. YOUR SATISFACTION IS GUARANTEED. ALL MATERIALS USED ARE OF THE BEST OBTAINABLE. NO SUBSTITUTES ARE USED AND NOTHING IS OVERLOADED. SUCH PARTS AS U.T.C. TRANSFORMERS, SPRAGUE AND CORNELL-DUBLER CONDENSERS, I.R.C. AND OHMITE RESISTORS, YAKLEY, BUD, CENTRALAB, EBY, AND BELDEN, CONSTITUTE DEPENDABLE AND HIGH QUALITY AMPLIFIERS. WRITE FOR QUOTATIONS, GIVING ALL NECESSARY DATA.

UNITED TRANSFORMER CORP.



MOUNTING DIMENSIONS

PA-1	2	2½
PA-2	2½	4
PA-3	3	4½
PA-4	3½	5½
PA-5	4½	6½

OVERALL DIMENSIONS

	L	W	H
PA-1	2½	3	3
PA-2	3	4½	3
PA-3	3½	5	4½
PA-4	6	4½	4½
PA-5	7	5½	5½

PUBLIC ADDRESS TYPE CASED HIGH FIDELITY REPRODUCTION
INPUT TRANSFORMERS CLASS "A"

	NET
PA-131 1 plate to 1 grid, 3 to 1 ratio.	2.70
PA-132 1 plate to 2 grids, 2 to 1 ratio each side, split secondary.	3.00
PA-133 2 plates to 2 grids, 1.75 ratio each side. Primary and secondary each in 2 sections.	3.60
PA-134 500, 200, or 50 ohm line to single grid.	3.90
PA-135 500, 200, or 50 ohm line to P.P. grids.	4.50
PA-136 Single plate or pickup and carbon mike or low impedance pickup to one or two grids.	4.50
PA-142 Ribbon velocity mike to one or two grids.	3.90
PA-143 Ribbon velocity mike to 500, 200, or 50 ohms.	3.90

INPUT TRANSFORMERS CLASS "B"

PA-51 Driver 46 or 59 plate to 46 or 59 grids.	3.30
PA-52 P.P. 45 or 59 plates to two 46 or 59 grids or P.P. 2A3 plates to two 841 grids.	3.90
PA-53 P.P. 42, 45, or 50 or 59 plates to two 242A, two 800, two 830, two RK18 or two 210 grids.	4.50
PA-54 P.P. 2A3 plates to 2 203A grids.	5.10
PA-57 P.P. 2A3 plates to 2 830B, 2 800, 2 RK18 or 2 210 grids.	4.50
PA-58 Driver 2A5 or 42 triode plate to 2-A prime 2A5 or 42 grids.	3.30

OUTPUT TRANSFORMERS CLASS "A"

PA-140 From a triode plate like 864, 27, 112a, 55, or 30 to 500, 200, or 50 ohms.	3.90
PA-141 From P.P. triode plates like 864, 27, 112a, or 30 to 500, 200, or 50 ohms.	4.50

MIXING, MATCHING TRANSFORMERS

PA-137 Mixing 500, 200, or 50 ohm line to 500, 200, or 50 ohm line.	3.30
PA-138 Audio line matching. Will handle 20 watts audio power. Input 500 or 200 ohm line. Output 16, 8, 5, 3, and 1.5 ohms.	4.50
PA-139 Audio line matching. Will handle 30 watts audio power. Input 500 or 200 Ohm line. Output 16, 8, 5, 3, and 1.5 ohms.	7.50

REACTORS

	NET
PA-40 Filter choke. 12 henrys. Max. D.C. 200 M.A. Resistance 110 ohms.	\$ 2.70
PA-41 Class "B" input filter choke for 46, 53, and 59 tubes. Max. D.C. 200 M.A. Res. 100 ohms.	2.70
PA-44 Filter choke. 30 henrys. Max. D.C. 100 M.A. Res. 375 ohms.	2.40
PA-45 Parallel feed audio choke. 250 henrys. Max. D.C. 15 M.A. Res. 4500 ohms.	2.70
PA-46 Center tapped audio choke for P.P. 245, 59, 2A3 and 250 tubes. Overall inductance 50 henrys. Max. D.C. 125 M.A. Res. 725 ohms.	3.30
PA-47 Center tapped audio choke for P.P. connection. Overall inductance 300 henrys. Max. D.C. 10 M.A. Res. 4750 ohms.	3.30

CLASS "A" AND "B" OUTPUT TRANSFORMERS

No.	Pri. Imp.	Will match	Sec. Imp.	NET
PA-15	8000W. Plate to plate.	Class "A" in P.P. 250, 245, 43, Single 211, 843, 842, 205D, 48.	500, 200, 16, 8, 5, 3, 1.5.	\$4.20
PA-16	5000 P. To P. or 3000 P.toP.	For 5000-P.P.self bias 2A3, W.E.275A Single-59 triode or 71a.	500, 200, 16, 8, 5, 3, 1.5.	4.20
		For 3000-P.P. P.B. 2A3.		
PA-17	2500 P. To P. or 1500 P.TO P.	Single, W.E.52A For 2500-4 2A3 P.P. Par. 8.B.	500, 200, 16, 8, 5, 3, 1.5.	6.00
PA-18	4000 P. to P.	For 1500-4-2A3 P.P. P.B. 4 250 in P.P. parallel.	500, 200, 16, 8, 5, 3, 1.5.	6.00
PA-19	10000 or 6000 plate to plate.	For 10000-Class "A" P.P. 59 Tri. 71a, 2B6, Single 210, 41, 268A, 2A3.	500, 200, 16, 8, 5, 3, 1.5.	4.20
		Class "B" P.P. 49, 53, 79, 89.		
		For 6000-Class "A" P.P. 52A, Single 31, 46, 59 pentodes.		
PA-48	4000 Plate to plate.	Class "A" Push pull 48 triodes or pentodes.	500, 200, 16, 8, 5, 3, 1.5.	4.20
PA-710	20000 or 14000 plate to plate.	For 20000-P.P. 210 For 14000-P.P. 47, 2A5, and 42 used as pentodes.	500, 200, 16, 8, 5, 3, 1.5.	4.20

OUTPUT TRANSFORMERS CLASS "B"

No.	Pri. Imp.	Will match	Sec. Imp.	NET
PA-20	10,000 W. Plate to plate.	10,000 W. Class "B" 49, 53, 79, 89.	5,000-3,500W.	\$4.20
	6,000 W. Plate to plate.	6,000 W. Class "B" 46, 59.	"	"
PA-60	6,000 W. Plate to plate.	Class "B" 203A	3,000-25000W.	18.00
PA-62	10,000 Plate to plate.	Class "B" 830B	10000-2500	19.50
	6000 Plate to plate.	Class "B" 203	10000-2500	
PA-70	8000 Plate to plate.	Prime "A" 2A5-42	5000-3500	4.20
PA-71	6000 Plate to plate.	Class "B" 46-59	14000-3500	4.20
PA-80	12500 Plate to plate.	Class "B" 800 RK18 825.	5000-3000	12.00
PA-82	12500 Plate to plate.	12500-Class "B" 800, RK18, 825.	20000-5000	15.00
	8000 Plate to plate.	8000-Class "B" 242A, 211E.	20000-5000	
PA-83	8000 Plate to plate.	Class "B" 210, 830, 841.	18000-4500	7.50

PHILCO AND CLARION EXACT DUPLICATE REPLACEMENT AUDIO TRANSFORMERS

MODEL SET	TYPE	NET
PHILCO Transitone 1st. audio, 511, 521. chassis interstage.	3212	\$1.35
30, 40, 41, 42, 73, 76, 77, 77A, 82, 83, 86, 87, P.P. Input.	3211	1.35
20, 20A, 21, 220, 220A, P.P. Input	3210	1.05
62, 65, 98, 95, 96, 96A, 111, 111A, 211, 211A, 296, 296A, P.P. Input.	3213	1.74
112, 112A, 212, 212A, (245 tubes) P.P. Input.	3215	1.74
CLARION A.C. 60	2132	2.82
A.C. 61, 25-61.	2133	2.94



REPLACEMENT POWER TRANSFORMERS FOR AUTO "B" ELIMINATORS

MAKE	TYPE	NET
Majestic "66"	414	\$3.60
Oak Auto "B"	414	3.60
Mallory Half Wave	418	3.00
Power Transformer	413 135 V-40 M.A.	1.80
Power Transformer	412 180 V-40 M.A.	1.95
Power Transformer	411 250 V-50 M.A.	2.10

THERE ARE MANY MORE "GENERAL" POWER TRANSFORMERS FOR AUTO "B" ELIMINATORS AVAILABLE. LET US KNOW YOUR REQUIREMENTS.

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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UTC NIKLSHIELD Audio Filter and Power Components for the Serviceman, Public Address Engineer and Experimenter

CLASS "A" INPUT TRANSFORMERS		NET
NS-1	1 plate to 1 grid, 3 $\frac{1}{2}$ to 1 ratio,	\$ 1.41
NS-2	1 plate to two grids, 2 to 1 ratio,	1.50
NS-3	Push pull plates to push pull grids, 1.8 to 1	1.65
NS-4	Low or high impedance pickup to 1 grid, primary 500, 1000, 2000, 4000 ohms	1.80
NS-5	Single or double button mike to one grid,	1.50
NS-6	Single or double button mike to two grids,	1.80
NS-7	Ribbon velocity mike to grid,	2.10
NS-9	Mixing carbon mike, 500 or 200 ohm line to 500 or 200 ohm line,	2.10

CLASS "A" OUTPUT TRANSFORMERS		
NS-15	P.P. 2A3 plates to 8, 4, or 2 ohm voice coil,	1.80
NS-19	P.P. 250, 245, 59 triode or 71a plates to 500, 8, 4, or 2 ohms,	2.10
NS-20	P.P. 18, 20, 33, 41, 42, 2A5, 59, 89, plates to 500, 8, 4, or 2 ohms,	2.10
NS-21	P.P. 2A3 plates to 500, 8, 4, or 2 ohms,	2.10
NS-24	P.P. 250, 245, 59, 71a to 4000 or 2000 ohms,	1.95
NS-25	P.P. 18, 20, 33, 41, 42, 47, 2A5, 59, 89, plates to 4000 or 2000 ohms,	1.95
NS-28	Line to speaker audio matching transformer. Input 4000 and 500 ohms. Output 15, 8, 4, and 2 ohms. Will handle up to 15 watts,	2.70

CLASS "B" INPUT TRANSFORMERS		
NS-29	Driver plate to 49, 53, 79, or 89 grids,	1.65
NS-30	Driver 46 or 59 plate to 46 or 59 grids.	1.65

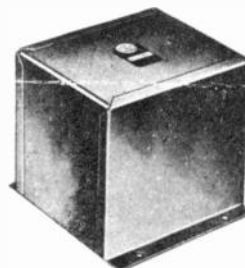
CLASS "B" OUTPUT TRANSFORMERS		
NS-31	P.P. 49, 53, 79, or 89 plates to 8, 4, or 2 ohms,	1.95
NS-32	P.P. 46 or 59 plates to 8, 4, or 2 ohms,	1.95
NS-33	P.P. 49, 53, 79 or 89 plates to 5000 or 3500 O.	2.10
NS-34	P.P. 46 or 59 plates to 5000 or 3500 ohms,	2.10
NS-35	P.P. 49, 53, or 89 plates to 500, 8, 4, or 2 O.	2.25
NS-36	P.P. 46 or 59 plates to 500, 8, 4, or 2 ohms,	2.25

FILTER AND AUDIO CHOKES, FILAMENT TRANSFORMERS		
NS-41	Filter choke. 10 henrys 150 M.A. 95 Ohms,	1.80
NS-42	Class "B" input choke. Max D.C. 175 M.A.	1.80
NS-43	Center tapped audio for P.P. triode plates, resistance 12000 ohms,	2.10
NS-44	Detector plate shunt choke, Max. D.C. 3 M.A.	1.35
PC-13	Class "B" input choke. Max. D.C. 350 M.A., resistance 95 ohms,	3.30
FT-4	Pri. 115 A.C. Sec. 6.3 V.C.T. 2 $\frac{1}{2}$ Amp.	1.05
UTF	Pri 105 A.C. 115 A.C. 125 A.C. Sec. tapped at 1.1-1 $\frac{1}{2}$ -2-2 $\frac{1}{2}$ -3.3-5-6.3-7.5-12.6-15-25-30 volts	1.80
FT2	Pri. 115 A.C. Sec. 6.3 C.T. at 1.2 Amp.	.75

UNCASED MIGHTY MITE AUDIO TRANSFORMERS

For head amplifiers, pee wee radios, aeroplane receivers.

	Net
U-41 Interstage audio 4 to 1 ratio	\$.90
U-51 1 Plate to two grids 2 1/2 to 1 ratio	.93
UPM 1 Pentode, 18, 20, 33, 41, 32, 2A5 plate to 4000 or 2000 ohms	1.05
UTM 1 Triode 71A, 45, 59 plate to 4000 or 2000 ohms	1.05
UMG One or two button mike to one grid	.96
UPMG One plate and two button mike to one grid	1.20
UVO Velocity mike to 500 and 200 ohms	1.20
UHO Single 56, 27, or 864 plate to 500 or 200 ohms	1.20
U-19 Driver Plate to 19, 49, 79 or 89 grids	1.20
U19M Class B 19, 49, 79 or 89 plates to 5000-3500 Ohm.	1.50
UPPM P.P. Triodes 71A, 45, 59 to 4000 and 2000 ohms	1.05
UTTM P.P. Pentodes 18, 20, 33, 41, 32, 42, 2A5, or 47 to 4000 and 2000 ohms	1.05



MICROPHONE HEADQUARTERS

SHURE BROTHERS COMPANY

High quality microphones for broadcast, power amplifier men and amateurs

Microphones listed are two button type. 200 ohms per button



Model	Suggested use	Net
3A	Amateur radiotelephony or small P.A. system for window display	\$3.90
5B	Show window advertising or general purpose pickup work	6.00
22B	For general purpose work. Excellent for either voice or music	15.00
27N	For remote broadcast pickups or high grade P.A. systems (music)	22.50
33N	High quality reproduction for broadcast studio pickup (music)	30.00

All Shure mikes are guaranteed for one year



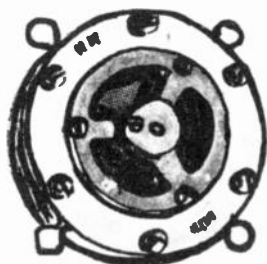
Model 40D
Bullet condenser
microphone

Net \$36.00

Model 40D condenser microphone is one of the highest quality microphones obtainable. Sturdy construction and a real engineered product. Net price includes two type 30 tubes.

THE LIFETIME CORPORATION

Double button microphones of quality. Standard 200 ohms per button.



All models are equipped with heavy screen to insure protection against damage to the diaphragm.

Model	Frequency response	Net
No. 6	40 to 3500 c.p.s.	\$2.95
No. 8	40 to 5000 c.p.s.	6.95
No. 88	30 to 7500 c.p.s.	9.95
No. 99	High fidelity	14.95

Lifetime Corp. repairs any type mike. Write for info.

ASTATIC MICROPHONE LABORATORY

The new
PIEZO-ASTATIC
CRYSTAL
MICROPHONE



Crystal pickup
Works directly into grid.
Type Net
S-8 Standard \$9.00
S-12 High fidelity 10.50

Works directly into grid of any tube without use of batteries.
High quality and very rugged. Type DI04 Net \$12.60

WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

33

MICROPHONES

AMPERITE Corporation

NEW CONDENSER MIKE



Latest type condenser head. Accurately designed for the most specific requirements of amateurs, broadcast stations and public address systems. Can be purchased either in kit form or factory assembled and tested complete unit.

Kit	Net \$4.80
Factory assembled unit	6.00
Standard replacement diaphragm	.60
Supersensitive "	1.20

NEW VELOCITY MIKE



Newest type directional velocity microphone for precision work. Frequency response is 42 to 10,000 c.p.s. Within 1 DB.

Kit RK-1 less transformer	Net \$9.00
RA-1 Assembled plus transf.	15.00
200 or 50 ohm line transf. (specify)	
Replacement ribbons	
Standard (package of two)	.75
Supersensitive "	1.05
Line transformers	
R.L.50 and 200 ohms	3.00

Microphone Stands

HIGH GRADE MICROPHONE STANDS FOR ALL PURPOSES. EACH FURNISHED WITH SPRINGS



Desk stand Complete with springs. nickle finish

#60N Net \$2.10
6in. ring, 7 1/2 in. tall



Desk stand with screen covers Bright nickle finish

#EL Net \$3.30
5in. ring, 7 1/2 in. t.
Less covers \$2.10

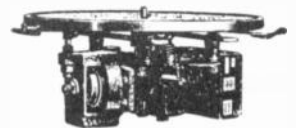


Suspension ring Nickle plated two sizes 5 and 6in.

Net
5in. ring \$1.50
6in. ring 2.40

Heavy duty floor stands of highest quality and appearance.

New Two-Speed Governor Controlled GREEN - FLYER Induction MOTOR
With 10 inch Turntable



53R 10 1/2 in. base black ducro 75in. tall	Net \$12.00
U-1 5ft. tall, nickle finish	Net \$6.75
U-2 5 1/2 ft. tall, nickle finish	Net \$9.90
U-3 5ft. tall, cadmium	Net \$6.00

MIKE SPRINGS EA. \$.03

Carbon granules
\$.60 per bottle



Special aluminum desk stand 5in. ring. Net \$1.50

Two speed silent running governor controlled induction motor. 33 1/3 and 78 RPM. Complete with automatic stop and 10in. turntable. A real buy. Net \$10.50

MAGNETIC PICKUPS OF QUALITY

V8S With volume control. NET \$ 7.50

8S Less volume control. NET \$ 6.70

WA-1 Manufactured for all purpose work. With volume control. NET \$ 6.50

WA-2 High impedance. AAA-1 pickup with volume control. NET \$ 4.20



WALTER ASHE RADIO CO.

34

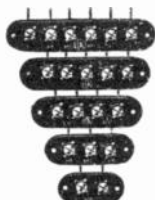
1100 PINE STREET

ST. LOUIS, MO.

New Items

THAT HAVE ARRIVED TOO LATE TO BE PROPERLY PLACED.

ICA TERMINAL STRIPS

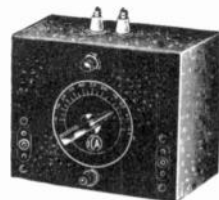


Made of black bakelite with specially designed nickel plated phosphor bronze screw terminals with non removable collars.

NUMBER	SIZE	DESCRIPTION	NET
2402	1 x 4 1/2	6 Post marked 1,2,3,4,5,6	\$.36
2404	"	6 Post no marking	.36
2405	1 x 4"	5 Post marked 1,2,3,4,5	.30
2406	"	5 Post no marking	.24
2408	1 x 3 1/2	4 Post marked 1,2,3,4	.24
2413	"	4 Post no marking	.24
2414	1 x 2 1/2	3 Post no marking	.18
2415	"	3 Post marked 1,2,3	.18
2417	1 x 2"	2 Post marked Input	.12
2418	"	2 Post marked Output	.12
2419	"	2 Post marked Ant. & Gnd.	.12
2420	"	2 Post no marking	.12

ICA 5 METER TRANSCIVER IN KNOCK DOWN KIT FORM

The ICA 5 Meter Transceiver is a small, compact and portable transmitter-receiver. The unit may be used alternately for transmission or reception at the turn of a single switch. The transmitting range, is common with all 5 meter equipment, depends largely on the topography and terrain over which transmission takes place. A range of 10 or 15 miles is usual. White line of sight distances up to 100 miles have been covered effectively.. Supplied less tubes, batteries or power supply -- with instructions, and blueprints. Three models are made...



DATA	2 VOLT MODEL	6 VOLT MODEL	A.C. MODEL
TUBES:	30-33	37-41	37-41
FIL.VOLTS:	3	6	12
FIL.AMPS:	.35	.75	.4
"B" VOLTS:	90-135	135-180-250	220
"B" AMPS:	.021-.030	.030-.045-.065	.55
"C" VOLTS:	7.5-13.5	4.5-7.5-12	--
KIT			
NUMBERS	1660	1661	1662
NET	\$11.70	\$11.55	\$11.85

SPECIAL PLATE TRANSFORMER

F-1000-S Delivers 300MA at 500, 750, and 1000 volt each side center tap. A heavy, uncased job mounted in brackets. Has good regulation at 300 watts output.

YOUR NET COST. . . \$.6.15

SPECIAL PLATE TRANSFORMER

#F-1001-S Similar to type F-1000-S but smaller. Delivers 150 MA at 800 Volts each side C.T. Tapped at 400 volts each side. Just right for 830's and 825's

YOUR NET COST \$3.90

SPECIAL FILAMENT TRANSFORMERS

#5455 Delivers 2 1/2 volts at 10 amperes. 2000 volt insulation. Mounted in brackets with extra long leads. Will handle 2-866 tubes at 1000-1500 volt

NET \$ 1.67

SPECIAL FILAMENT TRANSFORMERS

515 Delivers 2 1/2 volts at 10 amperes and five volts at 3 amperes. Very handy for oscillator & doubler-buffer tubes. A useful transformer all can use.

NET \$ 1.25

ICA THREADED INSULEX TRANSMITTING COIL FORMS

A-1 for high frequency oscillators and amplifiers, etc Made of low-loss INSULEX and threaded for any size wire up to 10 Ga. Plenty of drilled holes for wires & supports. 3 1/2" O.D. x 5" long grooved for as many as 26 turns.

2650 Form only \$ 1.80
2651 Form, mounting legs and hardware 2.10

ICA INSULEX TRANSMITTING PLUG IN COIL

Similar to above except 2 1/4" diam. x 4" high. Has 7 prongs on bottom to fit large 7 prong socket. Swell for Oscillator, doubler and buffer stages.

2660 Form, ribbed and drilled \$ 1.05

LARGE SPAGHETTI TUBING



36" long. inside diameter 9/64". Outside diameter 15/64". Color is black only.

196 NET \$.21

TRANSMITTING SUB PANEL SOCKET FOR '52, '66 and '10 TYPE TUBES.



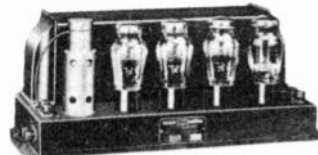
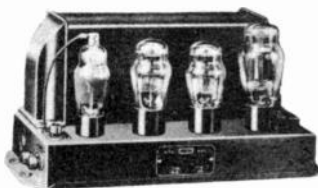
Made of insulex, has Phosphor bronze contacts. A sturdy subpanel socket.

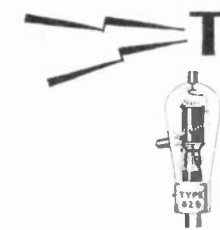
2600 NET \$.24

SOUND SYSTEMS DIVISION

PAM 480 Class "A" 2A3's 15 Watts Output maximum Gain 100 db. Uses 1-57, 1-56, 2-2A3, & 1-5Z3. Price less tubes NET \$ 78.35

PAM 410 Class "B" 59's 25 Watts Output maximum Gain 102 db. Uses 1-57, 1-59, 2-59, & 1-5Z3. Price less tubes NET \$ 69.15





TRANSMITTING TUBES

Sylvania

TRANSMITTING TUBES



203A

100 WATT OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 10 VOLTS
FILAMENT CURRENT 3.25 AMPS.
PLATE VOLTAGE 1250 VOLTS
PLATE CURRENT .175 AMPS.

NET \$17.50

204A

250 WATT OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 11 VOLTS
FILAMENT CURRENT 3.85 AMPS.
PLATE VOLTAGE 2500 VOLTS
PLATE CURRENT .275 AMPS.

NET \$97.50

210

15 WATT OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 1.25 AMPS.
PLATE VOLTAGE 600 VOLTS
PLATE CURRENT .070 AMPS.

NET \$5.75

211

100 WATT OSCILLATOR, MODULATOR, R.F. AND A.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 10 VOLTS
FILAMENT CURRENT 3.25 AMPS.
PLATE VOLTAGE 1250 VOLTS
PLATE CURRENT .175 AMPS.

NET \$17.50

212D

350 WATT R.F. AND A.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 14 VOLTS
FILAMENT CURRENT 6 AMPS.
PLATE VOLTAGE 1500 VOLTS
PLATE CURRENT .325 AMPS.

NET \$75.00

825

40 WATT HIGH FREQUENCY OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 3.25 AMPS.
PLATE VOLTAGE 1000 VOLTS
PLATE CURRENT .080 AMPS.

NET \$10.00

830

55 WATT OSCILLATOR, MODULATOR, R.F. AND A.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 10 VOLTS
FILAMENT CURRENT 2.15 AMPS.
PLATE VOLTAGE 750 VOLTS
PLATE CURRENT .110 AMPS.

NET \$8.75

830B

200 WATT CLASS "B" AUDIO AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 10 VOLTS
FILAMENT CURRENT 1.25 AMPS.
PLATE VOLTAGE 1000 VOLTS
PLATE CURRENT .150 AMPS.

NET \$10.00

841

7.5 WATT OSCILLATOR AND VOLTAGE AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 1.25 AMPS.
PLATE VOLTAGE 450 VOLTS
PLATE CURRENT .060 AMPS.

NET \$5.75

849

350 WATT OSCILLATOR, MODULATOR, R.F. AND A.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 11 VOLTS
FILAMENT CURRENT 5 AMPS.
PLATE VOLTAGE 2000 VOLTS
PLATE CURRENT .350 AMPS.

NET \$160.00

852

100 WATT HIGH FREQUENCY OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 10 VOLTS
FILAMENT CURRENT 3.25 AMPS.
PLATE VOLTAGE 3000 VOLTS
PLATE CURRENT .100 AMPS.

NET \$23.80

860

120 WATT SCREEN GRID OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 10 VOLTS
FILAMENT CURRENT 3.25 AMPS.
PLATE VOLTAGE 3000 VOLTS
PLATE CURRENT .100 AMPS.

NET \$35.00

865

16 WATT SCREEN GRID OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 2 AMPS.
PLATE VOLTAGE 750 VOLTS
PLATE CURRENT .060 AMPS.

NET \$12.75

866

HALF WAVE MERCURY VAPOR RECTIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 2.5 VOLTS
FILAMENT CURRENT 5 AMPS.
PLATE VOLTAGE (I.P.) 7500 VOLTS
PLATE CURRENT PEAK .600 AMPS.

NET \$5.00

872

HALF WAVE MERCURY VAPOR RECTIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 5 VOLTS
FILAMENT CURRENT 10 AMPS.
PLATE VOLTS (I.P.) 7500 VOLTS
PLATE CURRENT PEAK 2.5 AMPS.

NET \$16.50

H-72 906

CATHODE RAY TUBE
Used in Cathode Ray Oscilloscope for visual indication of the quality of amplifiers and modulators. Also used to determine the percentage of modulation in fone transmitters.

NET \$18.00



AMATEUR TRANSMITTING TUBES

RK-18

HIGH FREQUENCY OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 2.5 AMPS.
PLATE VOLTAGE 1000 VOLTS
PLATE CURRENT .065 AMPS.

Here's a real tube for that ultra high frequency xmtr.

NET \$12.00

RK-20

50 WATT PENTODE OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 3 AMPS.
PLATE VOLTAGE 1250 VOLTS
PLATE CURRENT .065 AMPS.

For 20 meter fone! Use suppressor grid modulation.

NET \$15.00



242A

125 WATT R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 10 VOLTS
FILAMENT CURRENT 3.25 AMPS.
PLATE VOLTAGE 1250 VOLTS
PLATE CURRENT .175 AMPS.

That long wanted heavy duty, inexpensive, triode that every "HAM" can well use and fully appreciate.

NET \$12.50

841

7.5 WATT OSCILLATOR AND VOLTAGE AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 1.25 AMPS.
PLATE VOLTAGE 450 VOLTS
PLATE CURRENT .060 AMPS.

An excellent high frequency doubler.

NET \$3.75



825

40 WATT HIGH FREQUENCY OSCILLATOR AND R.F. AMPLIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 7.5 VOLTS
FILAMENT CURRENT 3.25 AMPS.
PLATE VOLTAGE 1000 VOLTS
PLATE CURRENT .080 AMPS.

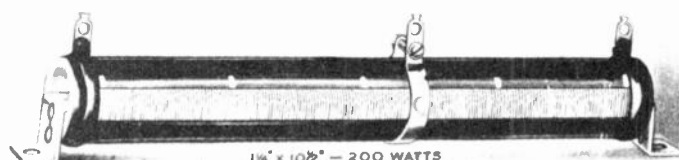
NET \$4.95

866

HALF WAVE MERCURY VAPOR RECTIFIER
CHARACTERISTICS
FILAMENT VOLTAGE 2.5 VOLTS
FILAMENT CURRENT 5 AMPS.
PLATE VOLTAGE (I.P.) 7500 VOLTS
PLATE CURRENT PEAK .600 AMPS.

NET \$1.65

ELECTRAD


VARIOHM

Trade Mark Reg.

VITREOUS ENAMELED ADJUSTABLE LUG RESISTORS

100 WATTS
1" x 7" TUBE

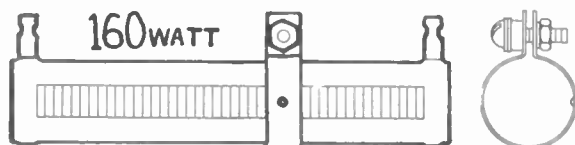
OHMS	CURRENT	NET
5,000	140	\$ 1.20
8,000	110	1.20
10,000	100	1.20
15,000	81	1.20
25,000	63	1.20
35,000	53	1.20
50,000	44	1.20
75,000	36	1.20

200 WATTS
1 1/4" x 10 1/2" TUBE

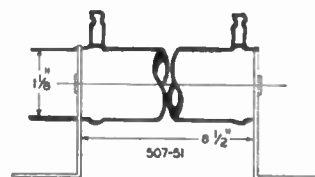
OHMS	CURRENT	NET
2,500	283	\$ 1.50
5,000	200	1.50
10,000	141	1.50
25,000	90	1.50
35,000	75	1.50
50,000	63	1.50
75,000	51	1.50
100,000	44	1.50

EXTRA CLIPS EITHER SIZE..... \$.09

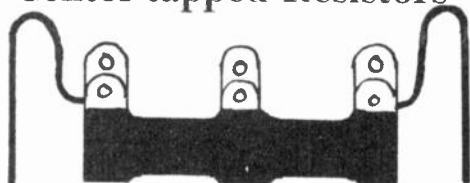
WARD LEONARD ELECTRIC CO.

Vitrohm Resistors with
Bare Side for Adjustment

OHMS	SIZE	NET
5,000	8 1/2" x 1 1/8"	\$ 1.50
10,000	8 1/2" x 1 1/8"	1.56
15,000	8 1/2" x 1 1/8"	1.65
25,000	8 1/2" x 1 1/8"	1.74
35,000	8 1/2" x 1 1/8"	1.80
50,000	8 1/2" x 1 1/8"	1.89
80,000	8 1/2" x 1 1/8"	1.89
100,000	8 1/2" x 1 1/8"	1.89
Extra clips.....		\$.09

Vitrohm Transmitting
Grid Leak Resistors

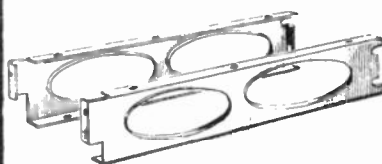
OHMS	TUBE	SIZE	CURRENT	NET
10,000	10 4	1/8x 9/16"	50	\$.60
50,000	45 5	1/2x 9/16"	10	1.02
15,000	52 6	1/2x 3/4"	40,	.96
10,000	11 4	1/8x 9/16"	50	.60
10,000	03A6	1/2x 3/4"	60	.66
10,000	04A8	1/2x 1 1/8"	100	1.80

You will find the right size
bias resistor for a single
tube oscillator above.OHMITE
Center-tapped Resistors

HEAVY DUTY CEMENT COATED RESISTORS

50,75,&100 Ohms..... \$.27

SUB-PANEL BRACKETS



Fahnestock Spring

Battery Clips



Net Ea. \$.02

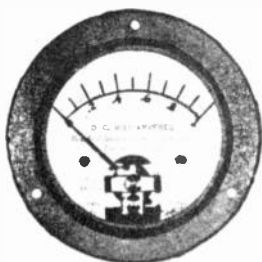
No.9 2"X9" Net per pair \$.36
No.II 2"XII" " " " .42

WALTER ASHE RADIO CO.

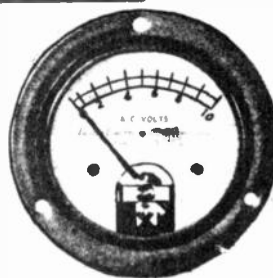
1100 PINE STREET * * * ST. LOUIS, MO.

37

BEEDE PRECISION INSTRUMENTS



MODEL 701
FLUSH TYPE 3 1/4"



MODEL 717
FLUSH TYPE 3 1/4"

The new BEEDE meters use the well known D'Arsonval moving coil type of movement. The AC meters use the approved magnetic vane type of movement. Accuracy of all units is kept well within the usual 2% limits. Only the 3 1/4" meters are shown, but 2 1/4" meters are available. Write for a Quotation.

D.C. MILLIAMMETERS			D.C. MILLIAMMETERS		
RANGE	MODEL	NET	RANGE	MODEL	NET
0-1	701	\$3.60	0-200	701	\$2.85
0-1.5	701	3.60	0-250	701	2.85
0-5	701	2.85	0-300	701	2.85
0-10	701	2.85	0-500	701	2.85
0-15	701	2.85	0-1000	701	2.85
0-25	701	2.85	A.C. VOLTMETERS		
0-50	701	2.85	0-10	717	2.85
0-100	701	2.85	0-15	717	2.85
0-150	701	2.85	0-150	717	3.45

SPECIAL NOTE Any of the above meters can be supplied with a sturdy and handsome Bakelite Case at an extra cost of 30¢ NET.

Readrite

D.C. VOLTMETERS		
No.	Volts	Net
603	0-3	\$.60
605	0-5	.60
326	0-6	.60
335	0-8	.60
310	0-10	1.60

D.C. AMMETERS		
No.	Amps.	Net
336	0-3	\$.60
381	0-5	.60
338	0-10	.60

D.C. MILLIAMMETERS		
No.	M.A.	Net
305	5	\$1.35
311	10	1.20
315	15	.60
325	25	.60
350	50	.60
390	100	.60
391	150	.60
392	200	.60
399	300	.60
394	400	.60
395	20/100	1.20
402	15/150	1.20

A.C. VOLTMETERS		
No.	Volts	Net
314	0-4	\$1.65
353	0-6	1.65
352	0-10	1.65
351	0-15	1.65
348-P	0-150	2.70

TYPE "H" FLANGE



Net each \$.09

RESONANCE TUNING METERS
Tuning meters are supplied in ranges of 0-3, 0-5, 0-7 0-10, and 0-15 M.A. Please specify range wanted. Any size, - Net \$.90



ESCUTCHEONS FOR TUNING METERS

Net - - - - \$.18

TRIPLETT PANEL INSTRUMENTS

These meters are a result of exhausting laboratory research of the
Triplett Electrical Instrument Co. Accuracy within 2%.

D.C. MILLIAMETERS

MODEL	RANGE MA.	APPROX. RES.
321	1.0	33.00
321	1.5	22.00
321	3.0	11.00
321	5.0	06.60
321	10.0	03.10
321	15.0	02.00
321	25.0	01.20
321	50.0	00.60
321	75.0	00.40
321	100.0	00.30
321	200.0	00.15
321	250.0	00.12
321	300.0	00.10
321	500.0	00.06
321	750.0	00.04
321	1000.0	00.03

NET

\$4.67

TRIPLETT METERS
Are encased in an attractive bakelite polished case. They are ruggedly built and withstand the punishment of over loads. All of the latest testing equipment are being constructed with a "TRIPLETT" meter as the main and most reliable indicator



Model 331—A. C.
Model 321—D. C.



Model 441

A.C. VOLTMETERS APPROX. OHMS PER VOLT

MODEL	RANGE
331	3.
331	10.
331	15.
331	150.

4.
16.
16.
110.

NET
\$3.84
3.84
3.84
4.67

THERMO-COUPLE AMMETERS APPROX. RESISTANCE

MODEL	RANGE
441	0-1
441	0-2.5
441	0-5

.35
.13
.065

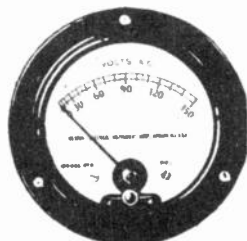
NET
\$6.67
6.67
6.67

THE ABOVE LISTED TRIPLETT METERS ARE THE 3" TYPE. THE 2" STYLE IS ALSO AVAILABLE, WRITE IN FOR QUOTATION.

Weston Radio Instruments

MODEL 301 D.C. MILLIAMETERS

	NET
0-1	\$7.50
0-10	6.75
0-15	6.75
0-25	6.75
0-50	6.75
0-100	6.75
0-150	6.75
0-200	6.75
0-250	6.75
0-300	6.75
0-500	6.75



MODEL 476 A.C. VOLTMETERS

	NET
0-3	\$6.75
0-15	6.75
0-150	8.45

MODEL 425 THERMO-AMMETERS

	NET
0-1	\$12.00
0-1.5	12.00
0-2	12.00
0-3	12.00
0-5	12.00

"C.R.S." METER RECTIFIERS

These full wave copper oxide rectifier units can be used to convert any 0 to 1 MA milliammeter to a universal AC-DC volt-ohm-meter-milliammeter. Chart furnished with each unit TYPE "M" 15 MA DC max. Of general application

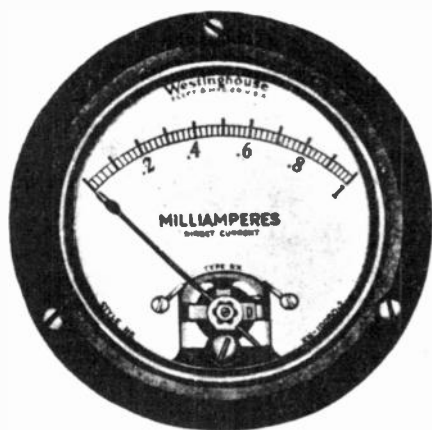


NET **\$2.10**
TYPE "M"

TYPE "B" Midget, has high efficiency at high frequencies. **NET \$2.10**



Westinghouse Radio Instruments



D-C. MILLIAMMETERS

Rating	Resistance, Approx. Ohms.	WEIGHT		TYPE NX		List Price Symbol AC	Dealer Net Cost
		Net	Shipping	Style No.			
0-1%	110	9 1/4 oz.	1 1/4 lb.	820207		\$10 00	\$ 7 50
0-1.5%	61	9 1/4 oz.	1 1/4 lb.	820208		10 00	7 50
0-2%	46	9 1/4 oz.	1 1/4 lb.	820209		10 00	7 50
0-3%	16.2	9 1/4 oz.	1 1/4 lb.	820211		10 00	7 50
0-5%	10.1	9 1/4 oz.	1 1/4 lb.	820213		9 00	6 75
0-10%	2.3	9 1/4 oz.	1 1/4 lb.	818024		9 00	6 75
0-15%	2.4	9 1/4 oz.	1 1/4 lb.	820216		9 00	6 75
0-20%	1.7	9 1/4 oz.	1 1/4 lb.	820217		9 00	6 75
0-30%	1.67	9 1/4 oz.	1 1/4 lb.	820219		9 00	6 75
0-50%	1.00	9 1/4 oz.	1 1/4 lb.	820221		9 00	6 75
0-100%	0.50	9 1/4 oz.	1 1/4 lb.	820224		9 00	6 75
0-150%	0.33	9 1/4 oz.	1 1/4 lb.	820225		9 00	6 75
0-200%	0.25	9 1/4 oz.	1 1/4 lb.	820226		9 00	6 75
0-300%	0.17	9 1/4 oz.	1 1/4 lb.	820228		9 00	6 75
0-500%	0.10	9 1/4 oz.	1 1/4 lb.	820230		9 00	6 75
0-800%	0.062	9 1/4 oz.	1 1/4 lb.	820232		9 00	6 75

TYPE NX UNIVERSAL RECTOX INSTRUMENT

For A-C., D-C., and Resistance Measurements
Supplied with knife-edge pointer

Description	Style No.	List Price	Dealer Net Cost
Type NX Instrument only for self-contained ranges*	836736	\$19 00	\$14 25

*Dial markings consist of 4 scales 0-100 d-c.; 0-100 a-c.; 0-5 a-c.; and 0-100,000 ohms. The instrument is self-contained for 0-1 millamp., d-c.; 0-1 millamp., a-c.; 0-100 millivolts, d-c.; and 0-5 volts, a-c. The resistances of the instrument are 100 ohms on d-c., and 5000 ohms on a-c.

RESISTORS FOR VOLTAGE MEASUREMENTS

Description	Style No.	List Price	Dealer Net Cost
Complete set of resistance spools on Micarta strip with taps, to obtain 0-1-5-10-50-100-200-500-1000 volts, d-c., and 0-10-50-100-200-500-1000 volts, ac.	837435	\$ 11 00	\$ 8 25
900-ohm resistance spool	837411	62	47
4000-ohm resistance spool	837412	71	53
5000-ohm resistance spool	836935	75	56
40,000-ohm resistance spool	836936	86	65
50,000-ohm resistance spool	836934	97	73
100,000-ohm resistance spool	836183	1 07	80
300,000-ohm resistance spool	837413	2 16	1 62
500,000-ohm resistance spool	837414	2 16	1 62

VOLTMETERS

Alternating-Current

Capacity	Ohms Total Resistance	Style No. Fluh Mounting	List Price Discount Symbol AC	Dealer Net Cost
10	97	630112	9 00	\$ 6 75
15	182	630113	9 00	6 75
25	500	630114	9 00	6 75
75	4870	630115	9 00	6 75
150	16550	630116	11 25	8 44

Special Note:

Type CA Instruments can be supplied with cases and dials to match type NX instruments at these same prices.

RADIO-FREQUENCY AMMETERS

Self-Contained

Rating Amperes, R. F.	WEIGHT		TYPE NX		List Price Symbol AC
	Net	Shipping	Style No.		
0-1	9 1/4 oz.	1 1/4 lb.	820270		\$18 00
0-1.5	9 1/4 oz.	1 1/4 lb.	820271		16 00
0-2	9 1/4 oz.	1 1/4 lb.	820272		16 00
0-3	9 1/4 oz.	1 1/4 lb.	820274		16 00
0-5	9 1/4 oz.	1 1/4 lb.	818028		16 00
0-6	9 1/4 oz.	1 1/4 lb.	820276		16 00
0-8	9 1/4 oz.	1 1/4 lb.	820277		16 00
0-10	9 1/4 oz.	1 1/4 lb.	820278		16 00
0-15	9 1/4 oz.	1 1/4 lb.	820279		16 00
0-20	9 1/4 oz.	1 1/4 lb.	820280		16 00

VOLT-OHMMMETERS

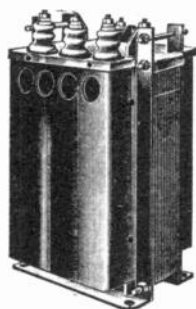
DIAL CALIBRATION		D-C. Volts Required	WEIGHT		TYPE NX	List Price Symbol AC	Dealer Net Cost
Volts	Ohms		Net	Shipping	Style No.		
0-1.5	0-1000	1.5	9 1/4 oz.	1 1/4 lb.	836193	\$ 10 50	\$ 7 87
0-1.5	0-3000	1.5	9 1/4 oz.	1 1/4 lb.	836194	10 50	7 87
0-4.5	0-10000	4.5	9 1/4 oz.	1 1/4 lb.	836195	10 50	7 87
0-4.5	0-30000	4.5	9 1/4 oz.	1 1/4 lb.	836196	11 50	8 63
0-4.5	0-100000	4.5	9 1/4 oz.	1 1/4 lb.	836197	13 50	10 13
0-15	0-300000	15	9 1/4 oz.	1 1/4 lb.	836198	13 50	10 13
0-90	0-2000000	90	9 1/4 oz.	1 1/4 lb.	836199	16 00	11 25

Prices are subject to change without notice.

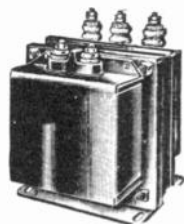
**Plate Supply
Transformers**

THORDARSON

**Filament Supply
Transformers**



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TYPE	DESCRIPTION	ILLUSTRATION	NET
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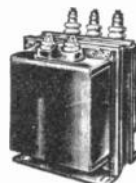
T-6285	3000 Volts at 380 M.A., D.C. with suitable filter. Secondary 3630 Volts A.C. each side C.T.	1	\$38.22
T-6284	2000 Volts at 500 M.A., D.C. with suitable filter. Secondary 2420 Volts A.C. each side C.T.	1	32.93
T-6283	2000 Volts at 250 M.A., D.C. with suitable filter. Secondary 2360 Volts A.C. each side C.T.	2	21.17
T-6411	1000-1250 Volts at 280 M.A., D.C. with suitable filter. Secondary 1290-1500 Volts each side C.T.	2	13.52
T-6282	1000 Volts at 500 M.A., D.C. with suitable filter. Secondary 1333 Volts A.C. each side C.T.	2	20.58
T-6412	750 Volts at 350 M.A., D.C. with suitable filter. Secondary 980 Volts A.C. each side C.T.	2	10.58
T-5448	Secondary, 800 Volts A.C. at 150 M.A.	3	4.41
T-6257	Secondary, 750 Volts A.C. at 200 M.A.	3	5.88
T-5140	Class "B" Power transformer. Thru suitable filter delivers 515 Volts at 30 to 200 M.A., D.C.	4	11.76
T-5822	Supplies thru suitable filter, 365 Volts at 115 M.A., D.C. 5 volts 3 amps C.T., 2 1/2 Volts 14 amps CT	5	3.53
T-5514	Supplies thru suitable filter, 400 Volts at 0 to 200 MA., D.C. 5 Volts 3 amps CT, 2 1/2 Volts 5 amps 2 1/2 Volts 2 A.	5	5.88
T-6878	Supplies thru suitable filter, 600 Volts at 150 M.A. 5 Volts @ 3 Amps., 7 1/2 Volts @ 3 Amps., 2 1/2 Volts @ 10 Amps.		3.15



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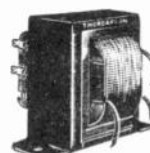
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TYPE	FIGURE	INSULATION	NET
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T-6413	7 1/2 Volts at 2 1/2 Amps	1	1,600	\$ 2.06
T-6414	10 Volts at 6 1/2 Amps. Tapped primary	1	1,600	3.23
T-6415	11 Volts at 10 Amps. Tapped primary	2	1,600	4.12
T-6417	7 1/2 Volts, 4 1/2 Amps, 7 1/2 Volts, 6 1/2 Amps, 2 1/2 Volts 4 A. Tapped primary.	2	1,600	5.29
T-6420	5 Volts at 25 Amps.	3	10,000	10.58
T-6433	2 1/2 Volts at 10 Amps. Tapped primary	4	7,500	3.53
T-5466	7 1/2 Volts, 2 1/2 Amps. 7 1/2 Volts, 2 1/2 Amps.	5	- - -	1.77

WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

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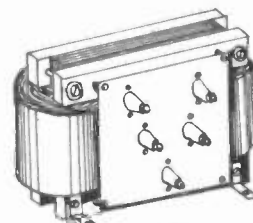
WALTER ASHE TRANSFORMERS

THESE TRANSFORMERS HAVE BEEN ON THE MARKET AND SERVING THE AMATEUR FULLY TWO YEARS. IN ALL THIS TIME THERE HAVE BEEN NO SERIOUS COMPLAINTS AND EVERY UNIT IS PERFORMING WITH PERFECT SATISFACTION. WHY NOT GET ONE NOW AND END YOUR POWER SUPPLY WORRIES AS THE BEST MATERIALS OBTAINABLE ONLY ARE USED.

TYPE NUMBER	SECONDARY VOLTAGE AT 150 M.A.	NORMAL PRIMARY WATTAGE	REGULAR NET	NET FOR DOUBLED WATTAGE
E-202	1500 and 1000 Volts A.C. each side C.T.	225	\$ 7.65	\$10.59
E-201	1000 and 750 Volts A.C. each side C.T.	150	5.88	8.23
E-200	750 and 500 Volts A.C. each side C.T.	120	4.70	6.47

TYPE	SECONDARY VOLTAGE AT 300 M.A.	NORMAL PRIMARY WATTAGE	REGULAR NET	NET FOR DOUBLED WATTAGE
E-305	3000 and 2500 Volts A.C. each side C.T.	900	22.64	33.22
E-304	2500 and 2000 Volts A.C. each side C.T.	750	20.29	28.22
E-303	2000 and 1500 Volts A.C. each side C.T.	600	17.64	24.70
E-302	1500 and 1000 Volts A.C. each side C.T.	450	14.11	19.70
E-301	1000 and 750 Volts A.C. each side C.T.	300	9.41	13.23
E-300	750 and 500 Volts A.C. each side C.T.	225	6.47	8.82

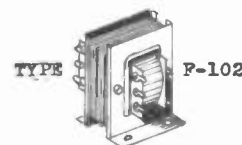
TYPE	SECONDARY VOLTAGE AT 500 M.A.	NORMAL PRIMARY WATTAGE	REGULAR NET	NET FOR DOUBLED WATTAGE
E-405	3000 and 2500 Volts A.C. each side C.T.	1500	29.69	41.45
E-404	2500 and 2000 Volts A.C. each side C.T.	1250	27.05	37.93
E-403	2000 and 1500 Volts A.C. each side C.T.	1000	23.81	33.22
E-402	1500 and 1000 Volts A.C. each side C.T.	750	20.29	28.22
E-401	1000 and 750 Volts A.C. each side C.T.	500	15.58	21.76
E-400	750 and 500 Volts A.C. each side C.T.	375	11.76	16.46



"E" SERIES

Filament Transformers

TYPE	SECONDARY VOLTAGES AND AMPERAGES	INSULATION	NET
F-100	2½ Volts at 10 Amps.	10,000	\$ 4.70
F-101	5 Volts at 20 Amps.	10,000	5.88
F-102	7½ Volts at 2½ Amps.	2,000	2.85
F-103	7½ Volts at 4½ Amps.	2,000	2.94
F-104	7½ Volts at 6½ Amps.	2,000	3.53
F-105	10 Volts at 2 Amps.	2,000	2.65
F-106	10 Volts at 4 Amps.	2,000	3.23
F-500	5 Volts 3 Amps, 5 Volts 3 Amps, 5 Volts 6 Amps.	2,500	4.12
F-501	2½ Volts 5 Amps, 2½ Volts 5 Amps, 2½ Volts 10 Amps.	10,000	5.29
F-600	2½ Volts 4 Amps, 7½ Volts 6 Amps.	2,000	4.12
F-601	2½ Volts 4 Amps, 7½ Volts 4 Amps, 10 Volts 6 Amps.	2,500	5.88



TYPE

F-102

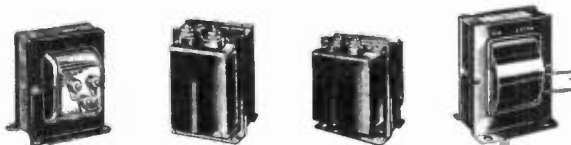
THORADSON

CHOKES

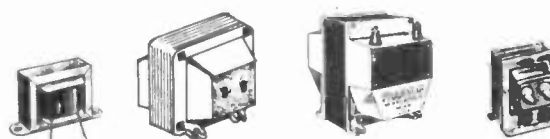
INPUT AND SMOOTHING

NOTE: The swinging chokes have a dual inductance. The lowest being at full load and the highest at no load.

FRANKLIN



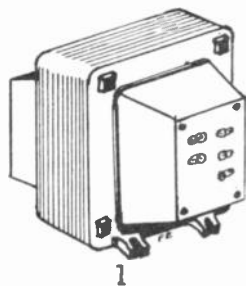
TYPE	MILLS D.C.	IND. HEN.	RES. D.C.	FIG-URE	NET
6405	150	9-30	200	1	\$ 2.94
6409	150	20	275	1	3.53
6315	280	12-19	175	2	5.00
6408	280	23.6	190	2	5.88
6406	380	10-19	93	2	7.06
6407	380	20	160	3	9.41
6316	500	8-17	70	2	8.23
6410	500	16	110	3	10.00
5517	400	25-40	118	3	10.59
6877	250	13	121	4	2.94
2353A	200	5	80	1	2.94
1700	130	9	231	1	2.65



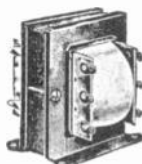
TYPE	MILLS D.C.	IND. HEN.	RES. D.C.	FIG-URE	NET
F-981	5	750	3,500	1	1.37
FTC-2	150	30	200	2-3	4.41
F-991	200	30	90	4	3.24
FTC-1	300	30	150	2-3	8.67
F-994	150	20	200	4	2.06
F-995	200	20	50	4	3.24
FTC-7	150	10	100	4	1.96
FTC-8	150	10	100	4	3.53
FTC-3	500	10	70	2-3	7.84
FTC-5	150	5-25	135	4	1.96
FTC-9	150	5-25	100	4	3.53
FTC-10	500	5-25	70	2-3	7.84

FRANKLIN

PLATE TRANSFORMERS



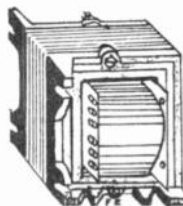
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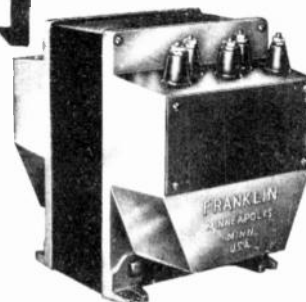
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TYPE	DESCRIPTION	ILLUSTRATION	NET
FTP-54	3000 and 2000 Volts A.C. at 350 M.A. each side. One K.W. capacity.	1&5	\$24.50
FTP--5	2500 and 1500 Volts A.C. at 250 M.A. each side. 625 Watt capacity.	1&5	17.46
FTP--2	2000 and 1500 Volts A.C. at 250 M.A. each side. 500 Watts capacity.	1&5	15.63
FTP-52	1500 and 1000 Volts A.C. at 600 M.A. each side. 900 Watts capacity.	1&5	17.64
FTP--1	1500 and 1000 Volts A.C. at 175 M.A. each side. 262 Watts capacity.	1&5	11.03
FTP--4	1000 and 750 Volts A.C. at 300 M.A. each side. 300 Watts capacity.	1&5	8.73
FTP--8	750 Volts A.C. at 200 M.A. each side. 150 Watts capacity.	1	6.44
FTP-51	500 Volts A.C. each side at 300M.A. 150 Watts capacity.	1	5.88
FT--11	600 Volts at 250 M.A. each side. 2½ Volts at 4½ Amps, 5 Volts at 3 Amps.	1&5	6.37
FT---3	750 Volts each side at 300 M.A. 7½ Volts at 3amps, 7½ Volts at 3Amps, 5Volts at 3Amps.	1&5	7.17
FT-282	450 Volts at 200M.A. each side. 5Volts at 3Amps, 2½ Volts at 3Amps, 2½ Volts at 9Amps.	1	5.43
FTP-55	1200, 1100, 1000 Volts A.C. at 300 M.A. 360 Watt capacity. For Bridge rectifier.	1	7.35
FTP-56	1200, 1100, 1000 Volts A.C. at 600 M.A. 720 Watt capacity. For Bridge rectifier.	1	9.31

SPECIAL NOTE: SEE PAGE ON "NEW ITEMS" FOR LOW PRICED TRANSFORMERS.

FILAMENT TRANSFORMERS

TYPE	DESCRIPTION	FIGURE	INSULATION	NET
FTF-40	2½ Volts at 10 Amps.	2	7,500	\$ 5.15
FTF-50	5 Volts at 20 Amps.	1	7,500	5.49
FTF-10	7½ Volts, 3 Amps, 7½ Volts 3 Amps.	2	7,500	5.15
FTF-25	11 Volts at 10 Amps.	1	7,500	5.49
FTF-43	7½ Volts 3 Amps, 5 Volts 3 Amps.	2	1,000	1.42
FTF-44	2½ Volts at 5 Amps.	3	1,000	1.13
FTF-45	7½ Volts at 3 Amps.	2	1,000	1.13
FTF-46	5 Volts 6 Amps, 5 Volts 3 Amps, 5 Volts 3 Amps.	4	1,500	2.55
FTF-47	2½ Volts at 10 Amps.	2	3,000	1.47
FTF-70	2½ Volts 6 Amps, 7½ Volts 6½ Amps, 2½ or 5 Volts at 3 Amps. For 2½ Volt, or 5 Volt rectifiers	1	1,500	4.41
FTF-48	2½ Volts, 10Amps C.T., 2½ Volts, 5Amps C.T.	4	10,000	4.31
FTF-49	2½ Volts, 5Amps C.T.	4	1,000	1.62
	7½ Volts, 7 Amps C.T.	2		

WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

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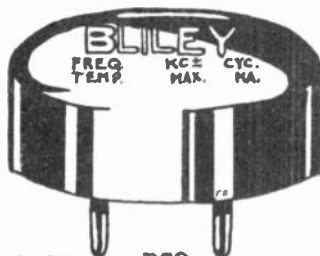


BC3 CALIBRATION
ACCURACY .03%

BC3 -- A mounted crystal in a dust proof holder that fits any 5 prong socket 40 or 80 M + 10 KC your specified frequency. NET \$ 3.95

Same 160 M + 10 KC your specified frequency. NET \$ 4.80

BLILEY PRODUCTS



BC2

CALIBRATION
ACCURACY .05%

BC2 -- Dust proof crystal holder with screw top fits any 5 prong socket. NET \$ 1.00

Same with GR. plugs NET \$ 1.50
BCX -- Unmounted crystal. One inch square 80 or 160 meters. NET \$ 3.90



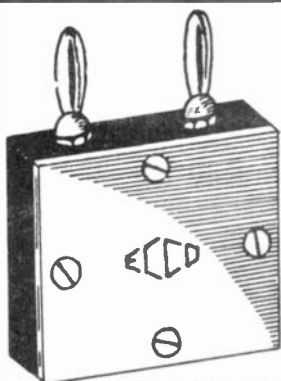
BCX

EASTERN COIL

CRYSTAL HOLDERS

1 1/8" Square inside. Overall dimensions 2 3/8" X 1 5/8" X 9/16". A real buy.

NET \$ 1.75



GENERAL RADIO GOLD SEAL OSCILLATING CRYSTALS

"X" OR POWER TYPE CUT

A good crystal that gives better results. Choice frequencies in the 80 & 160 meter bands kept in stock.

NET \$ 3.00

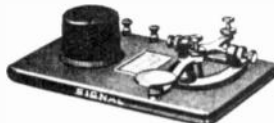
TRANSMITTING KEYS



R-62 STANDARD KEY R-64



R-48 KEY



R-68



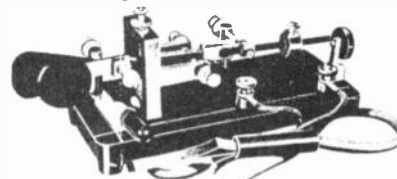
112-K KEY

"SIGNAL" QUALITY KEYS

REAL heavy duty keys that make the REAL Amateur

R-48 3/32" Contact \$ 1.68
R-62 3/16" Contacts 2.31
R-63 1/4" Contacts 2.40

R-64 3/8" Contacts \$ 2.55
R-68 Practice Set 2.04
112-K Beginners 1.35

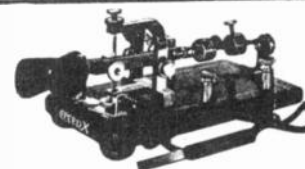


MODEL 510

A smaller model of No. 500 shown below. Adjustable to give plenty of pep and life

List \$ 9.50

NET \$ 5.70



MODEL 500

Adjustable from 8 WPM to as high a rate as desired. Solid silver contacts.

List \$12.50

NET \$ 7.50

Knobs



No. 351
NAVY TYPE

NET 20¢



R-60
HIGH FREQUENCY BUZZER

NET \$.84

Knobs



No. 350
PLAIN BLACK
BAKELITE
NET 15¢

ARRL AND OTHER PUBLICATIONS

50¢
Vol. 250¢
Vol. 325¢
Vol. 4

10¢

10¢

10¢

ARRL

"QST" A publication in the hams interest.....	\$.25
"HOW TO BECOME A RADIO AMATEUR".....	.25
"LICENSE MANUAL".....	.25
"HINTS AND KINKS".....	.50
"RADIO AMATEURS HANDBOOK".....	1.00
"AMATEUR LOG BOOK".....	.40

SHORT WAVE INFORMATION

"KRUSES RADIO PHONE GUIDE".....	\$.50
"HOW TO BUILD AND OPERATE RECEIVERS".....	.50
"OFFICIAL LOG AND CALL MAGAZINE".....	.25
"RADIO NEWS".....	.25
"RADIO CRAFT".....	.25
"SHORT WAVE RADIO".....	.25
"SHORT WAVE CRAFT".....	.25
"RADIO" Similar to QST.....	.25
"RADIO AMATEUR CALL BOOK MAGAZINE".....	1.10

ARRL MESSAGE BLANKS.....three pads for 1.00

SYLVANIA TUBE GUIDE BOOK A book on the characteristics of the old and new types of vacuum tubes .10

THORDARSON Transmitter and power amplifier guide .15



ELECTRALLOY CHASSIS BASES

TYPE	SIZE	NET
1515	10x12x3"	\$1.65
1516	10x23x3"	2.70
1517	10x17x3"	2.25



ELECTRALLOY CANS

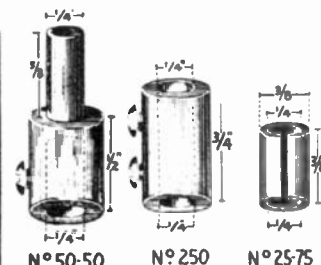
TYPE	SIZE	NET
II86	9x5x6"	\$1.80
II87	5x5x6"	1.65
II89	10x8x6"	2.40



NEON LIGHTS

Excellent as RF indicators.

Quarter Watt	\$.40
Half Watt	.40
One Watt	.40



BRASS EXTENSIONS AND COUPLINGS

TYPE	NET
50-50	\$.09
250	.09
25-75	.04



SPECIAL STEEL CABINET 10x7x7"
BLACK CRACKLE FINISH.VERY
DURABLE NET \$1.25

BAKELITE RODS



AND TUBING

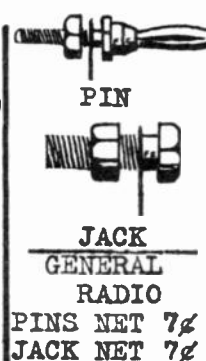
SIZE	NET PER IN.
1" or 1 1/4".....	\$.04
1 1/2" or 1 3/4".....	.06
2" or 2 1/4".....	.07
2 1/2" or 2 3/4".....	.08
3" or 3 1/4".....	.09
3 1/2" or 3 3/4" or 4".....	.10
1/4" ROD.....	.03

FEDERAL ANTI-CAPACITY SWITCHES

No.1424-4P,D.T 12 spring.	NET \$1.70
No.1425-2P,D.T 6 spring.	NET \$1.45



1424



PINS NET 7¢
JACK NET 7¢



BUD
FRONTAL
PANEL
SOCKET
NET \$.36

WALTER ASHE RADIO CO.

1100 PINE STREET " " " " ST. LOUIS, MO.

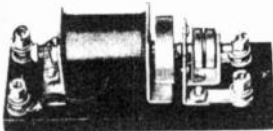
45



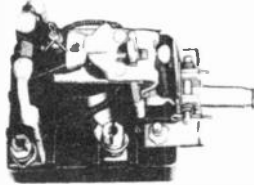
WARD LEONARD



MIDGET RELAYS



507-514



507-512

-----0-----

507-514

UNDERLOAD RELAY
Safeguards the
class "B" amp-
lifier in fone
jobs.

NET \$ 6.00

507-512

OVERLOAD RELAY
Saves your tube
and P.T. when

filter goes bad. Adjustable to dif-
ferent loads. NET \$ 5.10

507-501 For Mer. Vap. REC. 110 Volt 9.00

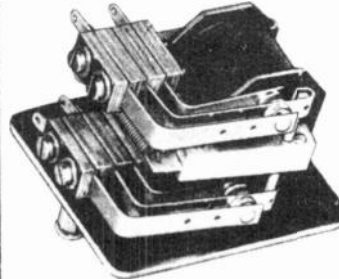
507-508 For keying 6-8 Volt 4.20

507-510 For remote control 110" 4.20

507-511 For remote control 110" 5.40

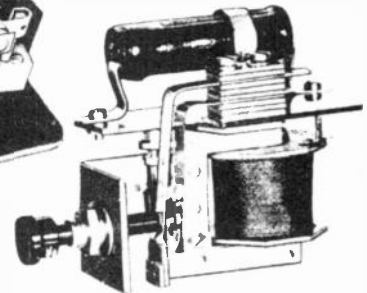
GUARDIAN

MIDGET RELAYS



B-100
BREAK-IN RELAY
DPDT 110 Volt
coil.

NET \$ 4.50



X-100

X-100

ADJUSTABLE OVERLOAD RELAY. Variation
from 150 to 500 milliamperes.

NET \$ 7.20

T-100

TIME DELAY RELAY. Used to protect
mercury vapor rectifiers.

NET \$ 9.00

K-100

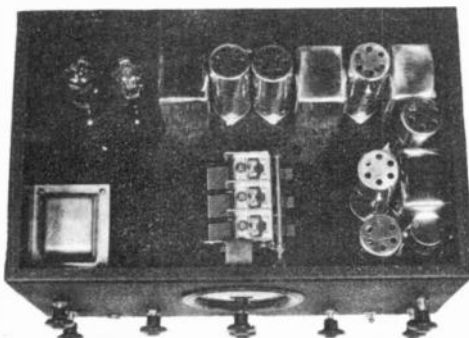
KEYING RELAY. 5-16 or 110 V. AC or DC

NET \$ 3.30

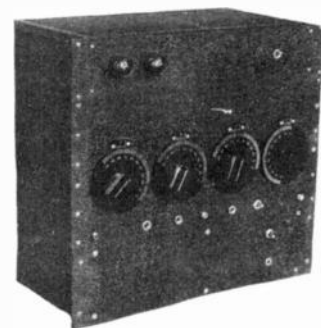
MCMURDO SILVER INC.

NEW 5C SINGLE SIGNAL RECEIVER
SUPERSEDES 5B MODEL

100 WATT C.W. PHONE TRANSMITTER



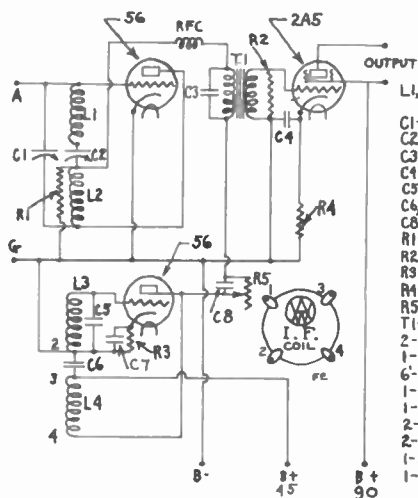
50 Cycle Selectivity Obtained With Crystal
Equipped With Automatic Volume Control.
Wavelength Range, 13 To 200 Meters.
Built In Coils With Change Over Switch.
Uses Four 58's, One 2A5, One 55, One Type 80.
Airplane Dial, Black Crystalline Finished
Cabinet. Speaker In Same Type Cabinet.
Complete With Tubes And Jensen Dynamic
Speaker
Net \$83.70 With Crystal
Net 74.70 Less Crystal



Type 10D 100 Watt Transmitter
Frequency Range, 10 TO 160 M.
Uses One RK20, One RK19, One
53, One 2A5, One Type 80.
Heavy Black Crystalline Finish
Metal Cabinet.
Less Tubes, Mike, Crystal And
Holder But With One Set Of
Coils. \$119.70
Write For Further Information.

A PAGE ON 5 METERS

RECEIVER



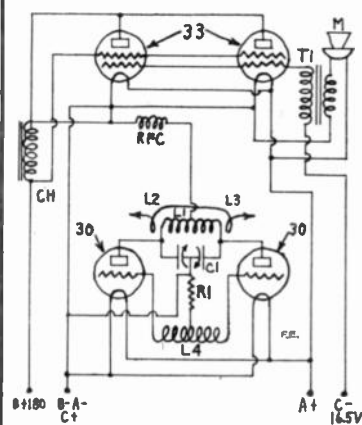
LEGEND

L1, L2, L3, L4 - I.C.A. 5 Meter Kit No. 1655	\$ 1.35
C1 - Hammarlund 5tar. .00005	.30
C2 - Hammarlund 5tar. .0001	.60
C3 - Solar Mica .004 mfm.	.24
C4 - Sprague Cased 1 mf.	.60
C5 - Solar Mica .0025 mf.	.33
C6, C7 - Sprague Dual 1mf.	.39
C8 - Sprague Tubular 1mf. 400V	.12
R1 - Carbon 1Watt 2megs.	.08
R2 - Carbon 1Watt 150,000Ω	.08
R3 - Carbon 1Watt 2,000Ω	.08
R4 - Ohmite 10Watt 500Ω	.21
R5 - Potentiometer CRL 72-103	.62
T1 - Interstage Audio Transformer	.38
2 - 5 Prong Sockets, wafer	.12
1 - 6 Prong Socket, wafer	.08
6' - 4 or 5 wire cable	.30
1 - 4 Prong Speaker Plug	.15
1 - Carter No. 2 Phone Plug	.15
2 - Eby Binding Posts (Ant & Gnd)	.18
2 - Sylvania 56 Tubes	.82
1 - Sylvania 2A5 Tube	.60
1 - Steel Cabinet	1.25
Total Cost	\$ 9.85

DESCRIPTION

Here's a five meter super-regenerative receiver that is exceptionally good. It is simple to build and gives unusual results. It is well worth the money you invest in it. It is patterned from a standard model and uses inexpensive materials. Why not build it now and come down on five meters with the rest of us? It's SWELL.

TRANSMITTER



LEGEND

L1 - 5 Turns 1" Diam. No. 10 wire	
L2, L3 - 1 Turn 1" Diam. No. 10 wire	\$.25
L4 - 7 Turns 1/2" Diam. No. 24 wire	
Speed 1" on Bakelite	
C1 - Cardwell 405B with split stator	1.50
CH - Stancor 30M, 110MA, Na1001	1.26
T1 - Double Button Mike. Trans.	1.35
RFC - 35 Turns No. 22 Dcc wire on 1/2" form spaced 1 1/2"	.15
R1 - Ohmite 20Watt 50,000Ω	.39
2 - 5 Prong wafer sockets	.12
2 - 4 Prong wafer sockets	.12
2 - Sylvania 30 Tubes	.86
2 - Sylvania 33 Tubes	1.18
6' - 4or5 wire cable	.30
1 - American 5B mike	4.00
1 - Steel Cabinet	1.25
Total Cost	\$ 13.07

DESCRIPTION

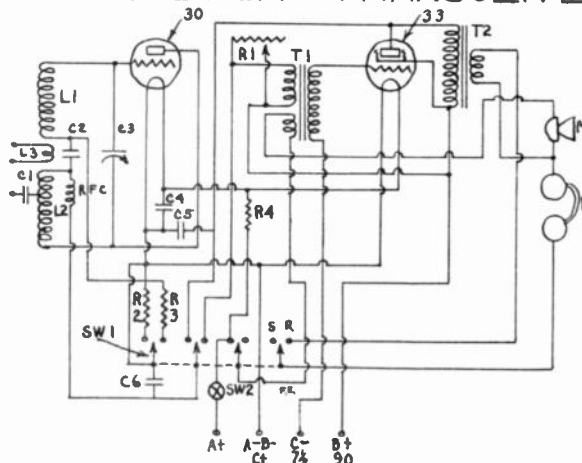
A small powerful portable transmitter. That's what we need, and here it is! Although a type '30 tube is considered too small to be termed a transmitting tube, it is used here as such because high power on five meters is almost unnecessary. This type of transmitter, under good conditions has a range of at least 25 miles using voice. This same circuit, using one type 19 tube instead of the two type 30's illustrated is by far the most popular five meter circuit and it will not be long before five meters is as crowded as forty or eighty.

A 5 METER TRANSCEIVER

THE TRANSCEIVER

Here it is, the simplest and most compact complete transmitting station that it is possible to build out of standard stock merchandise. This station has a good ten mile range and is certainly very inexpensive to build when everything is taken into consideration.

The outfit is changed from transmitter to receiver by throwing only 1 switch. As a receiver the '30 tube is the detector and the '33 tube is the amplifier. Feed back from the amplifier tube makes a super-regenerative detector out of the '30. As a transmitter, the '30 is the oscillator and the '33 is the amplifier-modulator. Separate receiving and transmitting ants.



L1, L2 - 5 Turns No. 10 wire 1/2" Diam.	
L3 - 2 Turns No. 10 wire 1/2" Diam.	\$.25
C1 - .001 Solar Mica Condenser	.09
C2 - .0001 Solar Mica Condenser	.09
C3 - Hammarlund 5tar with adjacent rotor and stator plate removed to leave one rotor and one stator plate, double spaced.	.50
C4, C5 - .002 Solar Mica Condenser	.12
C6 - .004 Solar Mica Condenser	.24
R1 - 10,000Ω CRL 72-100	.62
R2 - 10,000Ω 1Watt carbon res.	.08
R3 - 10,000Ω 1Watt carbon res.	.08
R4 - 2Ω Raddevil res.	.08
RFC - National RF100 choke	.45
T1 - Plate and single or Double button microphone to grid UTC-UPMG Transformer	1.20

T2 - Plate to voice coil. Universal Output Transformer.	1.65
JS - SW1 - Vexley No. 2742 Switch, 4PDT	.45
SW2 - Vexley No. 720 Switch 3PST	.42
M - American Model 3B Microphone	4.00
R - Single Brandes headphone rewound with No. 30 PE wire	1.10
1 - 4P Wafer socket	.04
1 - 5P Wafer socket	.04
3 - Eby Binding posts	.27
2 - Carter No. 3 Jacks (one for microphone, one for receiver)	.30
2 - Vexley No. 75 plugs	.60
6' - 4or5 wire cable	.30
1 - Steel Cabinet	1.25
1 - Small National "B" Dial	1.58
1 - Sylvania 30 tube	.43
1 - Sylvania 33 tube	.76
TOTAL COST	\$ 16.84

are not absolutely necessary but, they do give far better results. The power supply requires only two 45 V. portable "B" batteries, two 1 1/2 V. "A" cells and one 7 1/2 V. "C" battery. They may all be housed in the same type of cabinet as the transceiver, making the whole station require less than one cubic foot of space.

The four controls are as follows,

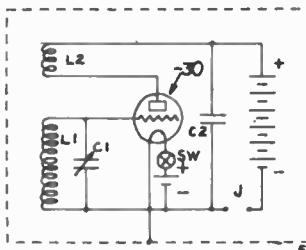
C3 - main tuning condenser, R1 - Volume control, SW1 changeover switch, SW2 - on-off switch. The microphone used, is a single button hand-mike and the receiver is a single unit receiver wound as specified to make a 30 ohm receiver which can be used on the universal output transformer employed.

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

47

INEXPENSIVE MONITOR



COIL DATA

BANDS	L1	L2	C1
20M	5	4	J
40M	15	6	"A"
80M	35	10	1
160M	70	20	1

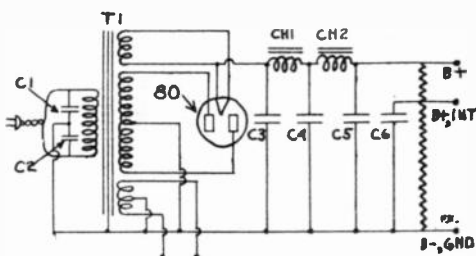
LIST OF PARTS

Hammarlund Star .00005 mf	\$.55
Solar Mica Cond. .002 mf	.21
Carling Toggle switch SPST	.16
Carter Jack # 2A	.18
Ray-O-Vac dry cell #1211	.28
Ray-O-Vac Battery #5303	.85
Baklite sockets 4 prong	.30
Sylvania type 30 tube	.43
Steel Cabinet	1.25
Crowe # 75 dial	.30
Total Cost	\$ 5.11

INSTRUCTIONS

All coils are wound on 1 1/2" Baklite forms with # 32 DCC magnet wire. Any good pair of 1500 to 3000 ohm phones will work satisfactory in this circuit. No trouble should be experienced with this monitor if the circuit is properly followed and it should work perfect the first time.

COMPACT POWER SUPPLY



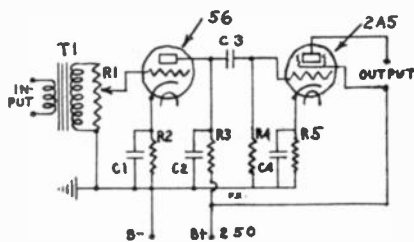
LIST OF PARTS

C1, C2 Sprague tubular Cond. .1 mf	\$.30
C3, C4, C5 C.D. Trible 8 Cond. .5 mf	1.54
C6 Sprague tubular Cond. .5 mf	.21
R1 Electrostat. 50 Watt 25,000W	1.09
3 Wafer sockets 4 prong	.18
5' Lamp cord and plug	.15
1 Sylvania type 80 tube	.38
1 Steel Cabinet	1.25
CH1, CH2 for:	
40 MA output Stancor C-1003	1.68
65 MA output Stancor C-1002	2.04
110 MA output Stancor C-1001	2.52
T1 For:	
40 MA output General #1550	1.20
65 MA output General #1551	1.50
110 MA output General #1555	2.40
Total Cost 40 MA output	\$ 7.97
Total Cost 65 MA output	8.64
Total Cost 110 MA output	10.02

INSTRUCTIONS

As will be seen by the adjacent list of parts, three different sizes of power supplies can be constructed at slight variations in cost. The largest is recommended as it is the most universal. Four prong wafer sockets serve as the terminal strip. "B" is intermediate may be adjusted for any desired voltage by sliding the extra clip to the proper place.

TWO TUBE POWER AMPLIFIER



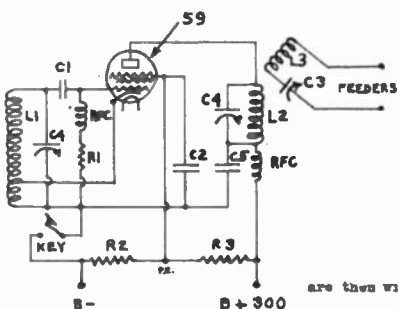
LIST OF PARTS

C1, C4 Dual 4 mf 175 volt	\$.51
C2 Sprague tubular cond. .5 mf	.21
C3 Sprague tubular Cond. .05 mf	.09
R1 Potentiometer 250,000 W	.45
R2 Carbon res. 1 Watt 2,500 W	.08
R3 Carbon res. 1 Watt 25,000 W	.08
R4 Carbon res. 1 Watt 1 meg.	.08
R5 Ohmite 10 watt res. 400 W	.21
T1 Interstage audio transformer	.98
4 Eby binding posts	.36
5 Wire cable	.30
4 Prong plug	.15
5 Prong wafer socket	.06
6 Prong wafer socket	.08
Steel cabinet	1.25
Sylvania type 56 tube	.41
Sylvania type 2A5 tube	.60
Total Cost	\$4.90

INSTRUCTIONS

The two tube amplifier described may be used on any receiver that has been described and also on almost any other receiver that needs amplification. It is very compact and requires only 45 MA at 250 Volts. For six volt operation a Sylvania type 76 tube may be substituted for the 56 and a Sylvania 42 tube should be used in place of the type 2A5. The above 45 MA power supply will operate this amplifier quite satisfactorily.

BEGINNERS C.W. TRANSMITTER



LIST OF PARTS

C1 Solar Mica Cond. .00025 mf	\$.12
C2, C3 Solar Mica Cond. .0004 mf	.48
C4 Hammarlund Star .00014 mf	1.50
C5 Hammarlund Star .0001 mf	.60
R1 IRC 2Watt res. 50,000 W	.21
R2 Ohmite 10 Watt res. 5,000 W	.21
R3 Ohmite 10 Watt res. 10,000 W	.21
RFC 2 1/2 millihenries National RF100	.90
2 Baklite sockets 4 prong	.30
1 Baklite socket 7 prong	.21
4 or 5 Wire cable	.30
1 Speaker plug 4 Prong	.15
2 Coil forms 4 prong	.42
1 Sylvania 59 tube	.86
2 Eby binding posts for key	.18
Total Cost	\$ 6.85

INSTRUCTIONS

All Parts are assembled on a baseboard about 10" X 12" X 1/2". The 7 prong tube socket is placed near the center of the board, one 4 prong socket is placed to the right of the 7 prong tube socket and the other is placed to the left of the same. A tuning condenser is mounted in front of each 4 prong socket. The parts

are then wired in as the diagram indicates. When all parts are properly mounted and wired, the 59 tube is inserted in the seven prong tube socket and a coil of the next higher wave length is inserted in the grid socket, the proper plate coil is then placed in its receptacle. Plate and filament voltage are now applied and a neon light is held on the grid coil and the tuning condenser is rotated for resonance the plate condenser is then also adjusted for maximum output and the frequency of the transmitter checked to determine whether the transmitter is within the amateur band. If it is not in the band re-adjust until it is and you are ready to go as soon as you couple the ant.

BAND	L1	L2	L3
20	10	10	3
40	10	15	5
80	25	35	5
160	25	50	10

All coils are wound on 1 1/2" baklite forms and all windings except 160 - L2 are spaced 1". No. 34 PE wire may be used on all coils except 160 - L2 which is wound with No. 28 DCC

THE EASIEST WAY TO GET EXPERIENCE IS TO BUILD THINGS. HERE ARE TWO CIRCUITS THAT ARE STANDARD AND OFFER THE NECESSARY EXPERIENCE.

Centralab part	
kit	.85
30 W ot	.21
0000 W 10 Watt	.21
0 W 10 Watt	.21
2 1/2 MH	.90
2 90 MH	.60
sockets	.36
socket	.06
ms	.04
p	.21
ms for output	.18
12"x 3"	1.61
lids	.45
ms	.12
	1.98
	.60
	.41
ms	1.20
e	.30
plug	.15
re	.28
TOTAL COST	\$23.28

Here's that simple circuit for an efficient and noiseless super that we all have been waiting for. It uses popular tubes, and possesses high gain and selectivity. A new system of coupling the oscillator to the first detector is involved and is the source of the low noise level which is an outstanding feature. The second detector is regenerative enabling CW reception. A switch provided, makes possible phone reception. The coil data will be found to the right of the diagram: all coils are wound on 1 1/2" Baklite forms and are spaced as indicated in the fourth column. The fifth column indicates the number of turns on L3 and L1 respectively. The output of this set is sufficient to drive any six or eight inch dynamic speaker and can be powered by the power supply elsewhere described in this catalogue. Its easy to build, inexpensive, and not a freak ---

TRY IT!

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

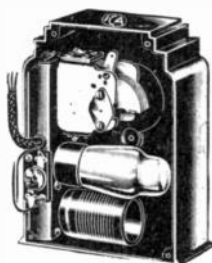
49



I.C.A. SCOUT SHORT-WAVE ACCESSORIES

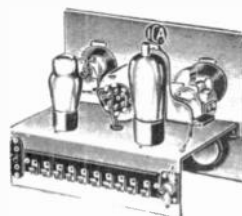


The Universal Mascot



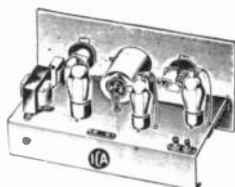
ONE TUBE DC SHORT WAVE SET
USES ONE TYPE 30 TUBE, ONE
DRYCELL AND ONE 45V BATTERY
COILS INCLUDED 15 TO 200 M.
COMPLETE KIT OF PARTS PLUS
HANDSOME BAKELITE CABINET
LESS TUBE AND BATTERIES.
NET \$5.85

The Universal Mascot "2"



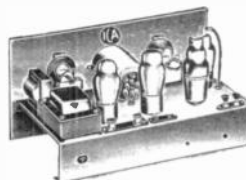
TWO TUBE DC SHORT WAVE SET
USES ONE 32 AND ONE 19 TUBE
TWO DRYCELLS AND THREE 45V
"B" BATTERIES.
THREE TUBE RECEPTION.
INCLUDES COILS FROM 15 TO 200
METERS. LESS TUBES AND BATTERIES
NET \$10.29

The Universal Mascot "3"



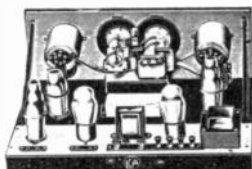
THREE TUBE AC S.W. RECEIVER
COMPLETE KIT OF PARTS PLUS
COILS FROM 15 TO 200 METERS
USES I-6F7, I-79, I-80
FIVE TUBE PERFORMANCE.
NET \$13.23

The Universal Mascot "4"



FOUR TUBE AC S.W. RECEIVER
COMPLETE KIT OF PARTS PLUS
COILS FROM 15 TO 200 METERS
USES I-6F7, I-77, I-42, I-80
SIX TUBE PERFORMANCE
NET \$17.64

UNIVERSAL MASCOT "5"



FIVE TUBE AC S.W. RECEIVER
COMPLETE KIT OF PARTS PLUS
COILS FROM 15 TO 200 METERS
USES I-78, I-37, I-77, I-42, I-80
SEVEN TUBE PERFORMANCE
NET \$23.38

COILS FOR 5 METER RECEIVERS



ICA 5 METER KIT
The three most important
parts in a 5 meter superreg-
enerative receiver kit con-
sists of tank coil, RF choke
coil and interruption freq-
uency oscillator coil. Diagram enclosed. NET \$1.35
Tank Coil (Separate) .45
R.F. Choke " .36
I.F. Oscillator Coil (Separate) .60



INSULEX TRANSPOSITION BLOCKS #302
KIT OF TEN NET \$1.20



INSULEX CAGE AERIAL SPREADERS #303
KIT OF TEN NET \$1.20



TRIM FEATHERWEIGHT EARPHONES
WEIGHT 4OZ. 24,000 OHMS IMPEDENCE
NET \$6.00



BRANDES SUPERIOR HEADPHONES
ALUMINUM CASE 2000 DC RESISTANCE
NET \$1.00



ACME FEATHERWEIGHT HEADPHONES
ALL ALUMINUM 2000 OHMS DC REST.
NET \$1.50



AAAI UNMOUNTED GALEA CRYSTALS \$.10
PEERLESS HI-POINT CRYSTALS .10

E.F. JOHNSON COMPANY

TRANSMITTING TUBE SOCKETS



A REAL HEAVY DUTY SOCKET DESIGNED
ESPECIALLY FOR THE AMATEUR
#210 FOR 210's AND 866's NET \$.75
#211 FOR ALL 50 WATT TUBES 1.20



SOFT DRAWN COPPER TUBING
3/16" PER FOOT NET \$.05
1/4" PER FOOT .06
5/16" PER FOOT .08



SPAGHETTI TUBING
LENGTH 30in. 2A NET \$.09
BUG BAR (TINNED)
LENGTH 24in. 2 FOR .05



ALL PURPOSE RUBBER GROMMETS
1/8" EA. NET \$.02
3/16" .02
5/16" .02

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

KNOX PORCELAIN CORPORATIONKNOXVILLE **KNOX** TENNESSEE

GENERAL PURPOSE INSULATORS OF BEST QUALITY GLAZED PORCELAIN FOR THE AMATEUR



#401



#402



#403



#404



#401J



#402J



#403J



#472



#14

#401 2" STANDOFF \$.10 EA. OR \$1.00 A DOZ.
 #402 1 1/2" " .07 " " .75 " "
 #403 1" " .06 " " .60 " "
 #404 1/2" " .05 " " .50 " "

#401J 2" JACK INSULATOR. G.R. PLUG TYPE \$.11 EA.
 #402J 1 1/2" " " " " .09
 #403J 1" " " " " .08
 #14 4" STANDOFF USED FOR GUY WIRES .15
 #472 1 1/4" AIRPLANE INSULATOR .05



HEAVY DUTY STRAIN INSULATORS

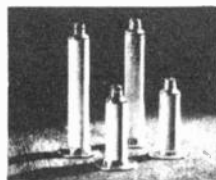


TYPE 67007 TOTAL LENGTH 31in.
 TYPE 67017 TOTAL LENGTH 7 1/4in.

NET \$.18
 .68



LEAD IN BOWL #67104 LENGTH 15in. NET \$1.50
 LEAD IN BOWL #67105 LENGTH 20in. 1.60



STANDOFF

NATIONAL

STEATITE COMPOSITION

STANDOFF

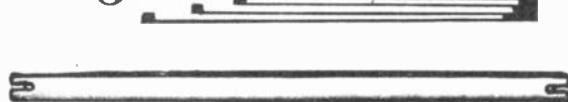
WGS 1 1 3/8" NET \$.15
 WGS 2 2 7/8" .21



WGS 3 2 7/8" NET \$.48
 WGS 4 4 7/8" .60

FEEDER SPREADER 6" NET \$.18

WKS 1 BUSHING 1" NET \$.36

**E.F. JOHNSON COMPANY**

STRAIN INSULATOR 20"X1 1/4" NET \$.68



FEEDER SPREADER 6" LONG NET \$.18



STANDOFF NET \$.33

**INSULINE CORPORATION OF AMERICA**

SUB PANEL STANDOFFS
 #2306 1in. NET \$.12
 #2307 1 1/4in. .15

JACK TYPE STANDOFFS
 #2320 1in. NET \$.15
 #2321 1 3/8" .18

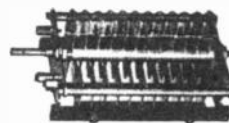
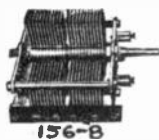
WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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SHORT WAVE TUNING CONDENSERS

CARDWELL



TYPE	CAPACITY	GAP	PLATES	NET
401B	.000026	.031"	3	1.35
402B	.000050	.031"	5	1.41
403B	.000070	.031"	7	1.48
404B	.000105	.031"	11	1.55
405B	.000150	.031"	15	1.61
406B	.000260	.031"	25	1.78
407B	.000365	.031"	35	1.94
408B	.000022	.070"	5	1.68
409B	.000035	.070"	7	1.81
410B	.000050	.070"	11	2.06

TYPE	CAPACITY	GAP	PLATES	NET
411B	.000070	.070"	15	2.33
412B	.000100	.070"	21	2.58
413B	.000150	.070"	31	3.23
141B	.000250	.030"	11	1.94
T183	.000110	.171"	23	5.81
164B	.000220	.070"	21	2.58
T199	.000330	.084"	37	6.46
147B	.000440	.070"	43	4.53
511B	.000023	.171"	5	1.94
513B	.000050	.171"	11	3.88



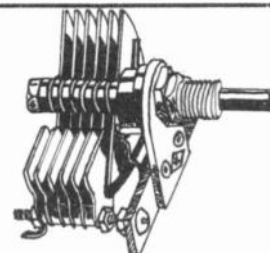
HAMMARLUND STAR MIDGETS

TYPE	CAPACITY	NET
SM- 15	.000015	\$.49
SM- 25	.000025	.49
SM- 50	.000050	.54
SM-100	.000100	.59
SM-140	.000140	.74
SM-35X	.000035	.59

SPLIT STATOR CONDENSERS					
TYPE	CAP.	EA.	SEC.	GAP.	PLATES
156B	.00050		.030"		42
197B	.00008		.070"		18
157B	.00021		.070"		42
512B	.00005		.171"		22



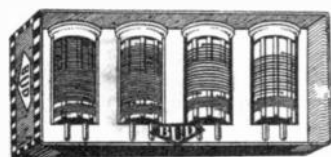
BUD PRECISION TUNING CONDENSERS					
SINGLE GANG			TWO GANG		
TYPE	CAP	MMF	NET	TYPE	CAP
1047	50		\$.69	971	150
1048	100		.69		
968	150		.75		
1043	350		.90	969	350



NATIONAL EXPERIMENTERS CONDENSERS

Here's a small midget tuning condenser that we have all waited for. Both rotor and stator have detachable plates and allowing one to double-space in a few minutes. Max. cap. is 100 mmf. NET \$.60

SHORT WAVE COILS BASE MOUNTING SOCKETS

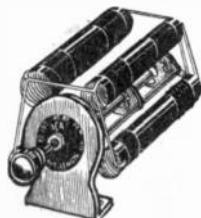


BUD LO-COIL KITS

No. 222 kit. Four, four prong coils covering from 16 to 200 meters when used with a .00015 mmf condenser. NET \$1.77
No. 317 kit. Four, five and four, four prong coils for RF and DET stage. 16 to 200 meters when used with .00015 mf condensers. NET \$3.82
No. 918 kit. Four, six prong coils covering from 16 to 200 meters when used with a .00015 mmf condenser. NET \$2.25

ICA SHORT WAVE SUPERHET COIL ASSEMBLY

Low capacity selector switch eliminates plug in coils. Can be used in TRF sets also. Covers from 14 to 200 meters.



CATALOGUE

NUMBER

1425

LIST

\$ 7.50

NET \$ 4.50



ICA INSULEX SOCKETS

TYPE	PRONGS	NET
290	4	\$.30
291	5	.30
292	6	.33
293	7L	.33
294	7S	.33

COIL



PORCELAIN COIL FORMS

TYPE	PRONGS	NET
952	4	\$.30
953	5	.33
954	6	.36
955	7	.39

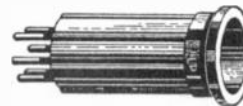
Thordarson... PLATE & FILAMENT TRANSFORMER

No. 3773 supplies thru suitable filter 535 volts at 150 M.A.

7½ volts @ 2½ amps.
5 volts @ 3 amps.
2½ volts @ 5 amps.

\$2.98.

FORMS



BAKLITE COIL FORMS	
TYPE	PRONGS
125	4
126	5
310	6

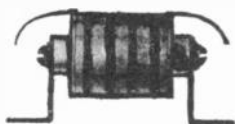
NET \$.21
.21
.24

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

HAMMARLUND

PRECISION RF CHOKES FOR TRANSMITTERS AND RECEIVERS



CH-8

125 Milliamps.

8 Millihenries

\$.66
NET

CH-500

500 Milliamps

2.5 Millihenry

\$ 1.05
NET

RFC-250

60 M.A.

250 M.H.

\$ 1.35
NET

CH-10-S

100 M.A.

10 M.H.

\$.60
NETNEW LOW LOSS
COIL FORMS

SWF-4	\$.21
SWF-5	.21
SWF-6	.24

CORNELL-DUBILIER CORPORATION

QUALITY HIGH VOLTAGE FILTER AND MICA BLOCKING CONDENSERS



OIL FILLED

TYPE "TD" FILTER CONDENSERS				
TYPE	CAP.	WORKING VOLTS	NET	
TD-10010	1	1000 DC	\$1.47	
TD-10020	2	1000 DC	2.65	
TD-10040	4	1000 DC	4.12	
TD-15010	1	1500 DC	2.21	
TD-15020	2	1500 DC	3.68	
TD-20010	1	2000 DC	3.09	
TD-20020	2	2000 DC	4.71	
TD-20040	4	2000 DC	6.47	



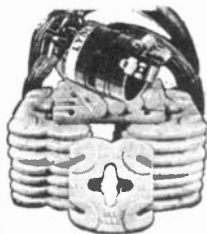
MOULDED BAKELITE

TYPE 9	
5000V DC TEST	
CAP.	NET
.00005	\$.53
.0001	.53
.00025	.62
.0005	.73
.001	.88
.002	1.32

NOTICE
TO BROADCAST STATIONS
SPECIAL ORDERS CAN BE FILLED ON FILTER CONDENSERS
FROM 2000V TO 25000V IN TYPES TC AND TB.



LATEST ALL WAVE LYNCH ANTENNA KITS FOR ELIMINATION OF INTERFERENCE



COMPLETE KIT CONSISTS OF TWO
ROLLS WIRE, 8 STRAIN INSULATORS,
15 LYNCH TRANSPOSITION BLOCKS,
ONE LYNCH ALL WAVE COUPLER.
THIS UNIT IS FOR USE WITH ANY
SHORT WAVE, ALL WAVE OR BROADCAST
RECEIVER. NET \$3.90



UNIVERSAL ALL WAVE
COUPLER COIL FOR
MATCHING ANY TYPE
OF RECEIVER TO THE
TRANSPPOSED LEAD IN

NET \$.90

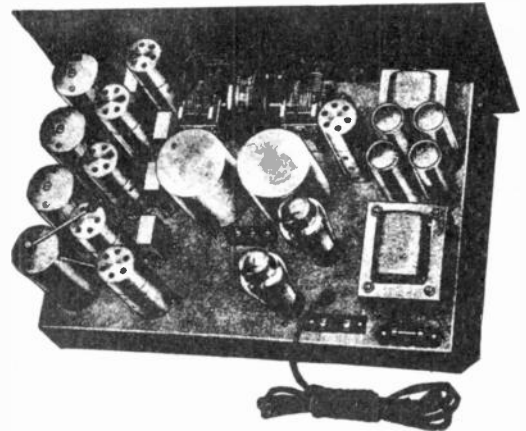
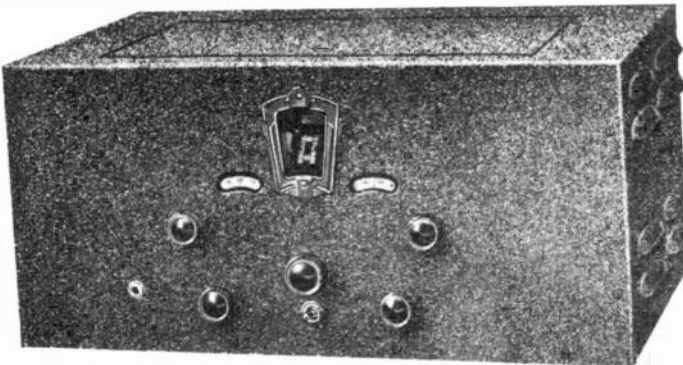
WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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HAMMARLUND

ADVANCED TYPE COMET "PRO" RECEIVERS. AMATEUR AND BROADCAST

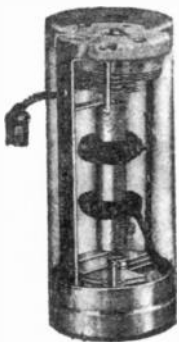


ALL MODELS EQUIPPED WITH COILS TO COVER
15 TO 250 METERS. NO TUBES INCLUDED.

STANDARD AC MODEL LESS SPEAKER
STANDARD AC MODEL WITH AUTOMATIC VOLUME CONTROL
STANDARD AC MODEL WITH CRYSTAL FILTER
STANDARD AC MODEL WITH CRYSTAL FILTER AND AVC.

LIST	NET
\$150.00	\$ 88.20
180.00	105.84
180.00	105.84
220.00	129.36

"AIR" AND "MICA" TUNED IF TRANSFORMERS



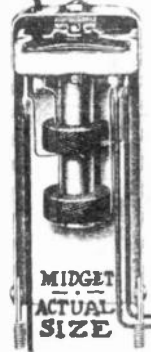
TYPE ATT
AIR TUNED
KC NET

ATT-465-CT \$2.70
ATT-525-CT 2.70



TYPE T
MICA
KC NET

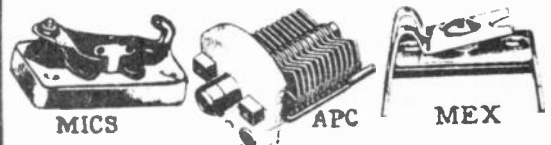
T-465-CT \$.99
T-175-CT .99



TYPE ST
MIDGET
ACTUAL
SIZE
TUNED

ST-465-CT \$.99
ST-175-CT .99

PADDING CONDENSERS

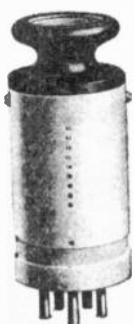


MICS70	(10-70 mmf.)	\$.30
MICS140	(70-140 ")	.36
MICS220	(140-220 ")	.42
MICS1000	(600-1000")	.60

APC 25	25 mmf.	\$.78
APC 50	50 mmf	.90
APC 75	75 mmf	1.02
APC100	100 mmf	1.14

MEX (3-30 mmf.) \$.13

COIL FORMS



ISOLANTITE
FOR
RECEIVERS
OR
TRANSMITTERS
SIZE
1½" X 2½"

Either four, five
or six prong Net \$.60

¼" COUPLERS



FLEXIBLE
Net \$.36

TRIMMERS



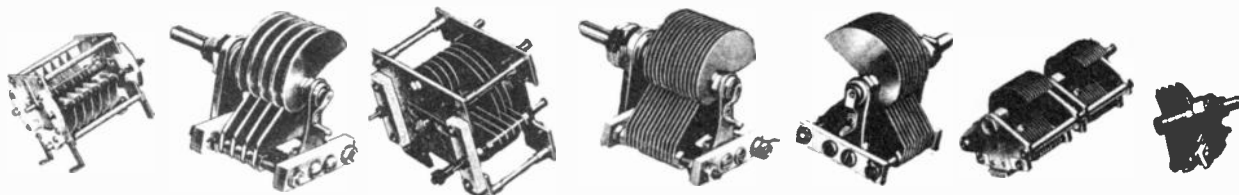
MICA
EC-35 (3.35mmf)
Net \$.18
EC-80 (25-80mmf)
Net \$.24

ISOLANTITE SOCKETS



4 Prong Net \$.36
5 Prong .36
6 Prong .36
7 Prong .36

SHORT WAVE TUNING CONDENSERS NATIONAL



TMN

SEU

40-70

SEH

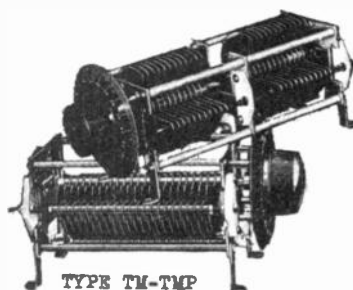
SE

2SE

STN

RECEIVING CONDENSERS

TYPE	CAPACITY	NET
ST-	35 .000035	\$.90
	50 .000050	1.08
	75 .000075	1.20
	100 .000100	1.35
	140 .000140	1.50
	150 .000150	1.50
STH-	200 .000200	1.65
	250 .000250	1.80
	335 .000335	2.10
STN-	18 .000018	1.20
STHS-	15 .000015	.84
	25 .000025	.90
STHD-100	.000100	2.70
SE-	50 .000050	1.80
	75 .000075	1.95
	100 .000100	2.10
	150 .000150	2.25
SEU-	25 .000025	1.65
2SF-	100 .000100	3.30



TYPE TM-TMP

EQUIMETER CONDENSER TYPE EM. Straight line frequency. Used in low powered transmitters

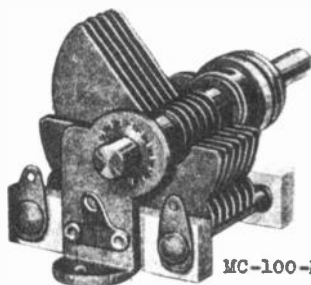
EM 250	.00025 mf. 14plates	\$ 2.10
EM 350	.00035 mf. 18plates	2.25
EM 500	.00050 mf. 26plates	2.40
EM 1000	.00100 mf. 46plates	3.30

TRANSMITTING CONDENSERS

TYPE	CAPACITY	VOLT-AGE	NET
TM 35A	.000035	6000	\$ 2.70
TM 50A	.000050	6000	3.60
TM 100	.000100	3000	2.70
TM 100A	.000100	6000	6.00
TM 150	.000150	3000	3.00
TM 150A	.000150	6000	8.40
TM 230	.000230	3000	5.40
TM 350	.000350	3000	6.60
TM 450	.000450	3000	7.20
STN 18	.000018	3000	1.20
TMN 50	.000050	6000	3.60

Type 40 - 75 Used in frequency meters. Minimum capacity 40mmf. Maximum capacity 75 mmf. The 80 or 160 meter spread over 80 divisions on a 100 divisions dial.

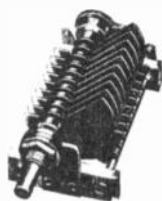
NET \$ 3.30



MC-100-M

RECEIVING CONDENSERS

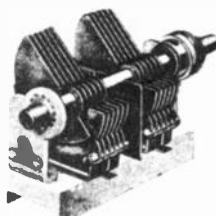
TYPE	CAPACITY	NET
MC-325-M	.000320	\$ 2.05
MC-250-M	.000260	1.77
MC-200-M	.000200	1.62
MC-140-M	.000140	1.47
MC-140-S	.000140	1.47
MC-100-M	.000100	1.32
MC-100-S	.000100	1.32
MC-75-M	.000080	1.18
MC-75-S	.000080	1.18
MC-50-S	.000050	.94
MC-35-S	.000035	.88
MC-20-S	.000020	.82
MC-50-SX	.000050doub. spa.	1.62
MC-35-SX	.000035 " "	1.32
MC-20-SX	.000020 " "	1.18
MCD140-M	.000140-.000140	2.35
MCD140-S	.000140-.000140	2.35
MCD100-M	.000100-.000100	2.05



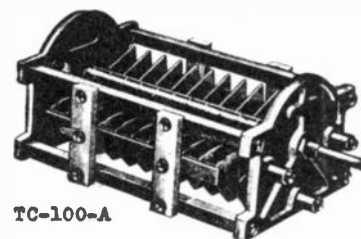
MC-35-X



MC-150-B



MCD-100-M



TC-100-A

RECEIVING CONDENSERS CONT'D

TYPE	CAPACITY	NET
MCD100-S	.000100-.000100	\$ 2.05
MC-150-F	.000100-.000050	1.90
MC-120-B	.000100-.000020	1.77
MC-35-X	.000035doub. spa.	1.32
MCD-35SX	.000035-.000035	2.05

TRANSMITTING CONDENSERS

TYPE	CAPACITY	VOLTS	NET
TC-30-A	.000030	6500	\$ 2.94
TC-100-A	.000100	6500	5.59
TC-100-B	.000100	3000	3.23
TC-150-B	.000150	3000	3.82
TC-225-F	.000225	3000	4.70
TC-500-C	.000500	1000	3.23

OTHERS FURNISHED ON ORDER.

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

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NATIONAL



PLUG IN COILS FOR ALL NATIONAL S.W. RECEIVERS
TYPE R-39 INDUCTANCES H.F.

"10" SERIES FOR ORIGINAL AC AND DC
SW-3, SW-5, SW-45, SW-34 AND DC SW-3

GENERAL COVERAGE COILS

NO.	COLOR	METERS	NET
10	BROWN	9 TO 15	\$3.00
11	BLACK	13 TO 25	3.00
12	RED	23 TO 41	3.00
13	WHITE	40 TO 70	3.00
14	GREEN	65 TO 115	3.00
15	BLUE	115 TO 200	3.00
16	ORANGE	200 TO 360	3.30
17	YELLOW	350 TO 550	3.30
18	PURPLE	500 TO 850	3.90
19		850 TO 1200	4.80
20		1200 TO 1500	4.80
21		1500 TO 2000	4.80

BAND SPREAD COILS

NO.	RANGE	NET
10A	10 METER BAND	\$3.00
11A	20 METER BAND	3.00
13A	40 METER BAND	3.00
14A	80 METER BAND	3.00
15A	160 METER BAND	3.00

60 SERIES FOR AC-SW-58, AC-SW-3
USING TYPE 58 TUBES

GENERAL COVERAGE COILS

NO.	METERS	NET
60	9 TO 15	\$3.00
61	13 TO 25	3.00
62	23 TO 41	3.00
63	40 TO 70	3.00
64	65 TO 115	3.00
65	115 TO 200	3.00
66	200 TO 360	3.30
67	350 TO 550	3.30
68	500 TO 850	3.90

BAND SPREAD COILS

NO.	RANGE	NET
60A	10 METER BAND	\$3.00
61A	20 METER BAND	3.00
63A	40 METER BAND	3.00
64A	80 METER BAND	3.00
65A	160 METER BAND	3.00

ABOVE NET PRICES INCLUDE TWO
COILS TO EACH SET. ADDITIONAL
COILS (SINGLE) ON REQUEST.

SPECIAL FRONT PANEL MOUNTING PLUG IN COILS FOR FB7A AND FBXA. ALSO RF COILS
GENERAL COVERAGE COILS

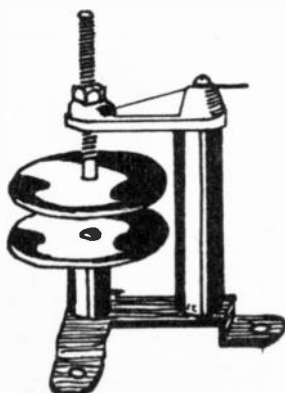
NO.	RANGE IN KC.	NET
FB AA	-34000 TO 18000	\$6.00
FB A	- 19500 TO 11400	6.00
FB B	- 11700 TO 7000	6.00
FB C	- 7300 TO 4000	6.00
FB D	- 4200 TO 2400	6.00
FB E	- 2500 TO 1500	6.00
FB F	- 1500 TO 900	6.00

BAND SPREAD COILS

NO.	RANGE	NET
AB 20	- 20 METER BAND	\$6.00
AB 40	- 40 METER BAND	6.00
AB 80	- 80 METER BAND	6.00
AB 160	- 160 METER BAND	6.00

ABOVE NET PRICES INCLUDE TWO COILS
TO EACH SET. ADDITIONAL SEPARATE
COILS CAN BE HAD ON REQUEST.

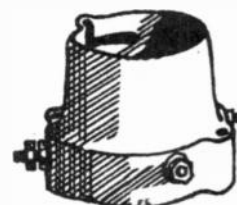
SINGLE COILS FOR NATIONAL PRE-SELECTOR FOR BAND SPREAD AND GENERAL COV-
ERAGE ARE STOCKED AND LISTED AS R.F. SERIES NET EA. \$3.60



NATIONAL
H.F. NEUTRALIZING
CONDENSER
ISOLANTITE STAND-
OFFS, HEAVY ALUM-
INUM DISCS.
LOCK TYPE ADJUST-
MENT.
SUITABLE FOR
852's, RK 18's
825's RCA 800's.
TYPE 800
NET \$1.80

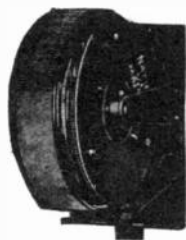


COMPLETE
WITH
BLILEY CRYSTAL
CRYSTAL I.F. FILTER
UNIT. MADE TO FIT
STANDARD FB7A
NET \$13.50



ISOLANTITE
50 WATT SOCKET
BASE MOUNT FOR
H.F. PURPOSES.
NET \$2.10

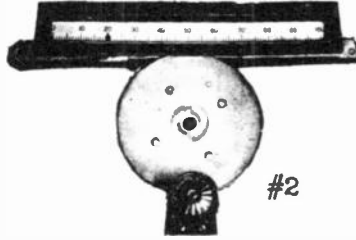
NATIONAL



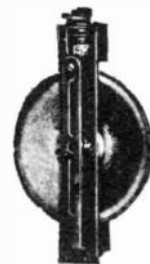
#1



#2



#3



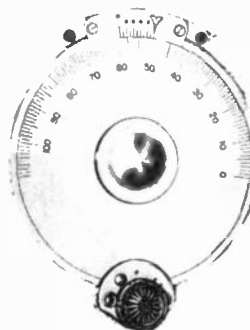
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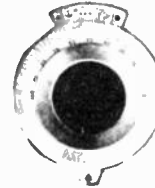
#5



#6



#7



#8



#9



#10

NATIONAL DIALS ARE PRECISION UNITS MADE OF THE BEST OBTAINABLE MATERIAL

#1 DRUM DIALS TYPE "H". 180°	NET
VHCC COUNTER CLKWS (0-100)	\$3.30
VHC CLOCKWISE (100-0)	3.30
VHCE CLOCKWISE (150-0) 270°	3.30

#3 DISC DIAL TYPE "E".	NET
VED 0-100-0	\$1.65
VEC 200-0	1.65

#5 VELVET VERNIER TYPE "BM" 3in.	NET
BMD 0-100-0	\$1.50
BMC 200-0	1.50

#7 PRECISION METAL DIAL 6in.	NET
ANY DEGREE ROTATION	\$9.00

#9 DIAL LEVER INDICATORS	NET
FURNISHED WITH ETCHED SCALE	
J-TYPE	\$1.80

#10 TYPE "BX" DIAL SAME AS "B" NET	NET
DIAL EXCEPT WITH ETCHED METAL	
PLATE.FOR PRECISION WORK.	\$2.10

#2 FULL VISION DIAL	NET
VKC 100-0 180°	\$2.70
VKCC 0-100 180°	2.70
VKE 0-100 270°	2.70

#4 VELVET VERNIER TYPE "B" 4in.	NET
VBC 200-0 360°	\$1.65
VBD 0-100-0 180°	1.65

#6 TYPE "A" DIAL 4in.	NET
VAC 0-100 180°	\$1.80
VAC 200-0 360°	1.80

#8 PRECISION METAL DIAL 4in.	NET
VNB 0-100 180	\$3.90
VND 100-0 180	3.90
VNE 150-0 270	3.90
VNC 200-0 360	3.90

DIAL ILLUMINATORS FOR "B" AND	NET
TYPE "BM" DIALS FURNISHED EXTRA	
	NET \$.30

ALL PURPOSE DIALS



NATIONAL R.F. CHOKE
#RFC152
IND.OF 5 M.H.
CAP.MAX. 600 MILLS
NET \$1.35



NATIONAL R.F. CHOKE
#RFC 154
SAME AS #152 ONLY
DESIGNED FOR 40 M.
Net \$1.35
* 7000 K.C. ONLY



TYPE R-100
IND.2 1/2 M.H.
CAP.MAX. 125 MILLS
NET \$.45



Type R-200
SAME TYPE AS USED
IN FBXA 90M.H.
Net \$.75

SPECIAL ALUMINUM
SHIELD FOR PLUG-
IN COILS.SAME AS
USED IN FB7A AND
FBXA.COMPLETE
WITH 6PRONG SOC-
KET. NET \$ 1.05

WALTER ASHE RADIO CO.

1100 PINE STREET * * * ST. LOUIS, MO.

57

NATIONAL



VICTRON TRANSPOSITION BLOCK
LIGHT AND DURABLE NET \$.21



TRANSFORMERS FOR
TRANSRECEIVERS WITH
SPECIAL WINDINGS.
TR-1 AUDIO AND MIKE.
TR-2 OUTPUT TRANSF.
NET EA. \$3.90

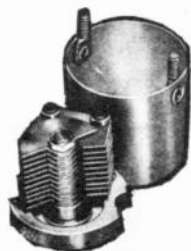


TYPE S-101
SCREEN GRID DETECTOR
COUPLING TRANSFORMER.
NET \$3.30



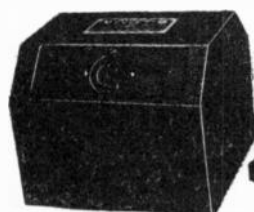
R-39 COIL FORMS
SIZE 2 1/4" X 1 1/2"
4 PRONG NET \$.45
5 PRONG .45
6 PRONG STANDARD .45
6 PRONG SPECIAL .45

IDEAL FOR H.F. WORK

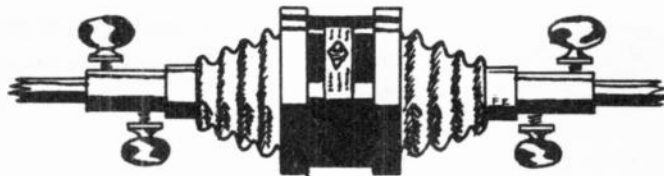


AIR DIELECTRIC
PADDING CONDENSERS
75 AND 100 mmfd.

W-75 NET \$1.20
W-100 1.35



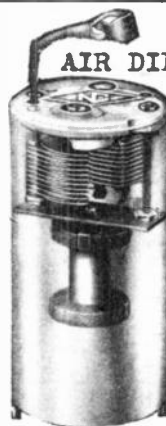
POWER SUPPLIES
#5880 SW-3 NET \$15.90
#5887 FB7 200V. 14.70
#5897 FB7 250V. 15.90
EITHER #5887 and
#5897 DESIGNED FOR
FB7A OR FBXA.



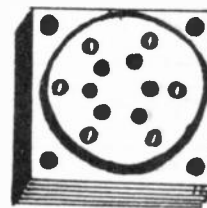
PICKARD ANTENNA COUPLING FOR 56 MC BAND.
COMPLETE UNIT WITH BUSHINGS TO FIT 1/4"
COPPER TUNING ANTENNA. . . . NET \$ 2.25



#1	#2	#3	#4
COIL AND TUBE SHIELDS, ALUMINUM.			
#1 2 1/2" X 3 3/4"	NET \$.21		
#2 3" X 3 3/4"	.30		
#3 5" X 2"	.24		
#4 5" X 2"	.24		



AIR DIELECTRIC I.F. TRANSFORMERS
WOUND WITH LITZ WIRE
CONDENSERS SELF LOCKING
450 TO 550 KC.
NET \$3.00



STEATITE
PANEL OR BASE
MOUNT SOCKET
HIGH QUALITY
INSULATION
FOR H.F.
NET \$.42
Special 6 prong



ISOLANTITE WAFER SOCKETS
4 PRONG NET \$.36
5 PRONG .36
6 Prong STANDARD .36
6 Prong SPECIAL .36
7 PRONG BOTH SIZES .36



1/4" COUPLERS
NET \$.33



GRID
CAPS
STANDARD SIZE \$.03
FOR 866's .06

NATIONAL

FB7A

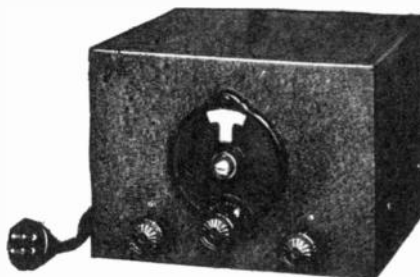
FBXA

SW-3



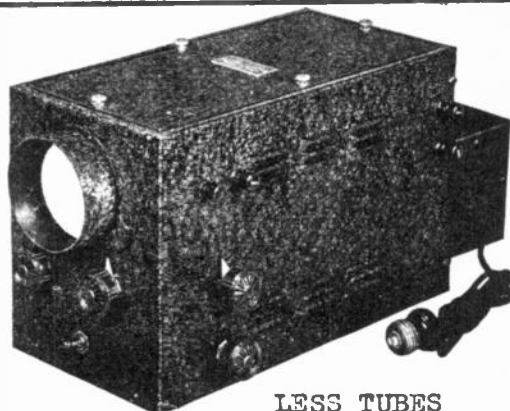
FOR ADDITIONAL
COILS FOR SW-3
FB7A AND FBXA
REFER TO
NATIONAL COIL
PAGE

ALL PRICES
ARE NET



LESS TUBES, COILS POWER SUPPLY
ACSW-3
USES TWO 58's ONE 56 NET \$17.70
DCSW-3
USES TWO 35's ONE 56 OR FOR DC
TWO 36's ONE 37 **NET \$ 19.50**

LESS TUBES, COILS AND POWER SUPPLY.
USES 1-59, 1-56, 1-57, 2-24, 2-58's.
BANDSPREAD OR GENERAL COVERAGE.
ULTRA-SENSITIVE SUPERHETRODYNE.
FB7A NET \$ 37.20
FBXA (CRYSTAL FILTER) NET \$ 50.70

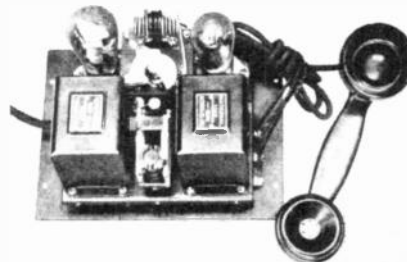


LESS TUBES

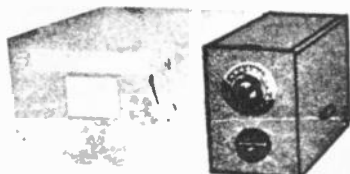
CATHODE-RAY OSCILLOSCOPE
LATEST DEVELOPMENT FOR USE IN
AMATEUR PHONE STATIONS OR
COMMERCIAL BROADCASTING STATIONS
OSCILLOSCOPE NET \$17.70
CATHODE-RAY TUBE NET \$18.00



PRECISION, COMMERCIAL TYPE AGS-AGSX
USES 3-36, 3-78, 1-37, 1-89, 1-77.
ONE STAGE RF TOGETHER WITH AVC.
AGS STRAIGHT SUPERHET. CIRCUIT.
AGSX CONTAINS CRYSTAL FILTER.
WRITE FOR INFORMATION AND PRICES.



TYPE TRW TRANSRECEIVER
LESS TUBES, BATTERIES MIKE.
WITH METAL CASE NET \$27.00
IN OAK CASE NET \$40.50



PRESELECTOR
A SENSITIVE STAGE
OF RF THAT CAN BE
ADDED TO EITHER
THE FB7A OR FBXA
USES TYPE 58 TUBE
NET \$15.00

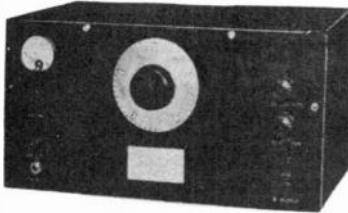
PRICE INCLUDES ONE COIL

WALTER ASHE RADIO CO.

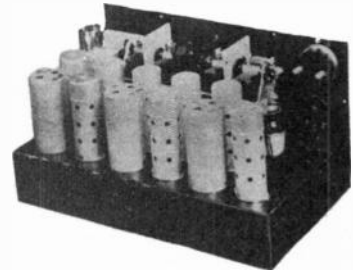
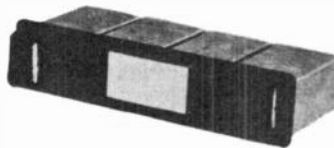
1100 PINE STREET * * * ST. LOUIS, MO.

59

NATIONAL



TYPE HRO
NEW NATIONAL DELUXE RECEIVER
THE LATEST AND FINEST THAT
HAS AND PROBABLY WILL BE DEV-
ELOPED FOR MANY DAYS TO COME



BAND SPREAD AND GENERAL COVERAGE

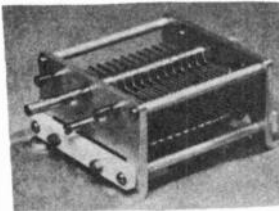
NINE TUBES LESS RECTIFIER, TWO PRESELECTOR STAGES, SINGLE SIGNAL CRYSTAL FILTER, GANGED PLUG IN COILS INDIVIDUALLY SHIELDED, FOUR-GANG PRE-LOADED WORM DRIVE GEAR WITH 20 TO 1 RATIO, MICROMETER DIAL 500 DEGREE COVERAGE, AUTOMATIC OR MANUAL VOLUME CONTROL, VACUUM TUBE VOLTMETER WITH INSTRUMENT CALIBRATED IN R SCALE OF CARRIER INTENSITY, ELECTRON COUPLED AIR PADDED CONDENSERS, LITZ WOUND I.F. COILS, RELAY RACK MOUNTING, RANGE IS 1.7 M.C. TO 30 M.C.

USES FOUR 58, THREE 57, ONE 2B7, ONE 2A5

TYPE HRO-2 WITH FIVE SETS OF COILS
LESS TUBES, SPEAKER AND POWER SUPPLY
NET \$139.80

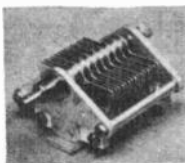
TYPE HRO-S SAME AS ABOVE MODEL ONLY
INCLUDES BUILT IN POWER SUPPLY
NET \$154.50

TYPE 5897 POWER SUPPLY FOR HRO-2
MODEL RECEIVER NET \$15.90



NEW LOW PRICED

COMPACT
TRANSMITTING
CONDENSERS



TYPE TMS

TYPE	CAPACITY	PEAK V.	PLATES	NET PRICE
TMS-35	35 Mmf.	2000 V.	8	\$1.65
TMS-50	50	2000	11	1.80
TMS-100	100	1000	10	1.35
TMS-150	150	1000	14	1.50
TMS-250	250	1000	23	1.65
TMS-50-D	50-50	1000	6-6	2.10
TMS-100-D	100-100	1000	9-9	2.55

TYPE TMC

TYPE	CAPACITY	PEAK V.	PLATES	NET PRICE
TMC-50	50 Mmf.	3000 V.	7	\$2.40
TMC-100	100	3000	13	2.50
TMC-150	150	3000	21	2.85
TMC-100-D	100-100	3000	13-13	4.50



PADDING CONDENSERS
MOUNTED ON STRATITE
MICA INSULATION

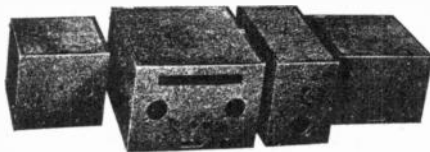
MAX CAPACITY 30 Mmf.

NET \$.21



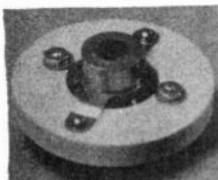
NEW STRATITE
PLUG IN
COIL FORM
FURNISHED IN
EITHER FIVE
OR SIX PRONG

NET EA. \$.21



STANDARD NATIONAL CABINETS
DURABLE STEEL, CRYSTALINE FINISH EITHER DRILLED
OR PLAIN. FURNISHED WITH SUB-PANELS.

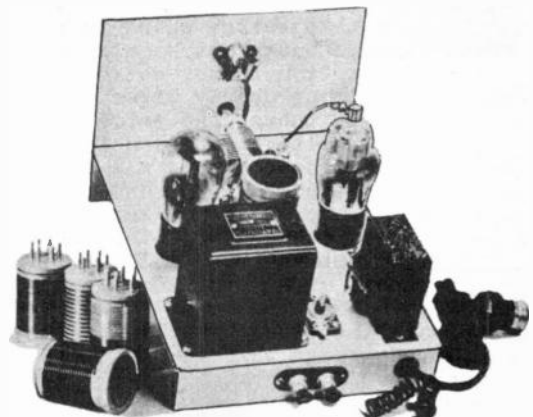
PRESELECTOR CAN	NET \$3.60
SW-3 CAN	3.30
SRR CAN	2.10
FB7 OR FBXA CAN	4.20



TYPE TX 10
NEW NATIONAL FLEXIBLE COUPLING
STRATITE INSULATION.
STURDY CONSTRUCTION WITH VERY
HIGH INSULATING QUALITY.
FITS STANDARD 1/4 IN. SHAFT.

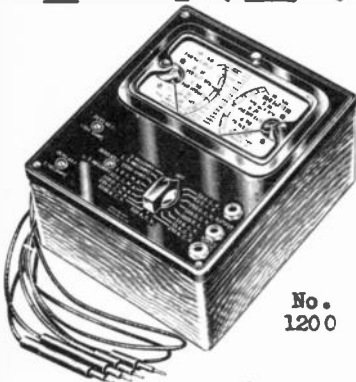
NET \$.75

NATIONALS POPULAR MECHANICS BEGINNERS SW SET



NEW EXPERIMENTERS RECEIVER KIT FOR THOSE THAT
LIKE TO BUILD THEIR OWN. COMES COMPLETE WITH
PARTS, NECESSARY WIRE, BLUEPRINTS AND INSTRUCTIONS
EXPERIMENTERS AND AMATEURS NET \$16.50

4 NEW TRIPLETT ANALYZERS



No. 1200

This new "MASTER" unit uses the exclusive, & new TRIPLET meter adjustment. The meter is so arranged that it may be tilted to any angle. It is a rectangular, double movement instrument having a DC movement with an accuracy of 2% and a simplified AC movement

with an accuracy of 2% also. DC meter is 2000 ohms per volt up to 1000 volts. All readings are direct no calculations are necessary. Individual ohm meter adjustments are provided for the 1500 scale, for the 1,500,000 ohm scale, and for the 3 megohm scale. Furnished complete with all instructions, testing cords, guarantee and registration cards. Used wherever voltage, current or resistance tests are to be made. The 2000 ohm per volt DC meter was designed with the following scales: 0-10, 0-100, 0-250, 0-500 and 0-1000 volts, 0-1, 0-10 and 0-100 Milliamperes, 0-1500 0-1,500,000 and 3 million ohms. The AC scale is calibrated 0-10, 0-100, 0-250, 0-500, & 0-1000 volts. All direct reading. Capacity charts are furnished for the AC scale.

YOUR NET COST \$ 21.24

The TRIPLET 1220 Free-Point tester unit used with the TRIPLET 1200 or any other suitable unit, the model 1220 enables the making of voltage tests between any tube elements including chassis, current tests in series with any tube element, resistance tests between any tube elements or socket contacts including chassis.



No. 1220

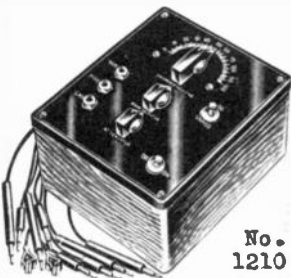
The jacks are so arranged that the source of external voltage may be applied to any tube elements, this permits testing tube characteristic A 4 prong, a 5 prong, a 6 prong, and a combination large and small 7 prong socket are mounted on the bakelite panel and the contacts marked according to RMA standards.

One end of the conductor cable is permanently a conductor to the switch type jacks, the other end terminates in a 6 prong latch type plug. 4, 5, large 7, and small 7 prong latch type adapters, instructions, guarantee and registration cards are furnished.

Used wherever voltage, current or resistance tests are to be made. It opens the organs of the sets before you without removing from the cabinet.

YOUR NET COST \$ 8.18

4 NEW ITEMS



No. meter that reads good and 1210 bad tubes on a three colored scale. Only three simple operations to test all types tubes and one for shorts. Four switches do the trick. Short and leakage test switch shows infinitesimal values of leakage between tube elements without removing tube from tester socket. The second, selector switch properly wires the socket for different type tubes. The third switch adjusts the filament voltage, and the fourth switch provides the proper shunt. All settings are according to a chart furnished. Supplied in a separate metal case with bakelite panel. After a few days experience with this tester anyone can test almost any tube made including transmitting tubes of the smaller types such as: - 841, 865, 866, 825, 830, 800, RK-18, RK-19, RK-20 and dozens of others that require too much space to list. No guess work required. It does the job and does it right.

YOUR NET COST \$ 19.60

This master frequency signal generator made by TRIPLET furnishes continuous frequencies from 100 KC to 18,000 KC, either modulated or unmodulated. The clear 400 cycle note is generated by a type 30 tube. A second type 30 is used in the special frequency stabilized circuit to generate the radio frequency oscillation. One 22½ volt and three 1½ volt flash light batteries furnish all power necessary. Latest type of individual shielding is used which prevents feed back and hand capacity. Frequencies are controlled by the frequency control knob and band switch. Attenuation is controlled by the three output jacks and the attenuation control. Battery current is controlled by the on and off switch.



No. 1230

The TRIPLET frequency generator is used by radio servicemen to determine frequency alignment, to furnish the signal for aligning all types of broadcast receivers, or for any other purpose where a signal generator of constant amplitude is required. Tubes and batteries are furnished with the generator.

YOUR NET COST \$ 15.04

FOR UP-TO-DATE SERVICEMENS' SHOPS

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[illegible]

WALTER ASHE RADIO CO.

1100 Pine Street - - St. Louis, Missouri

Return Postage Guaranteed



POSTAGE PAID



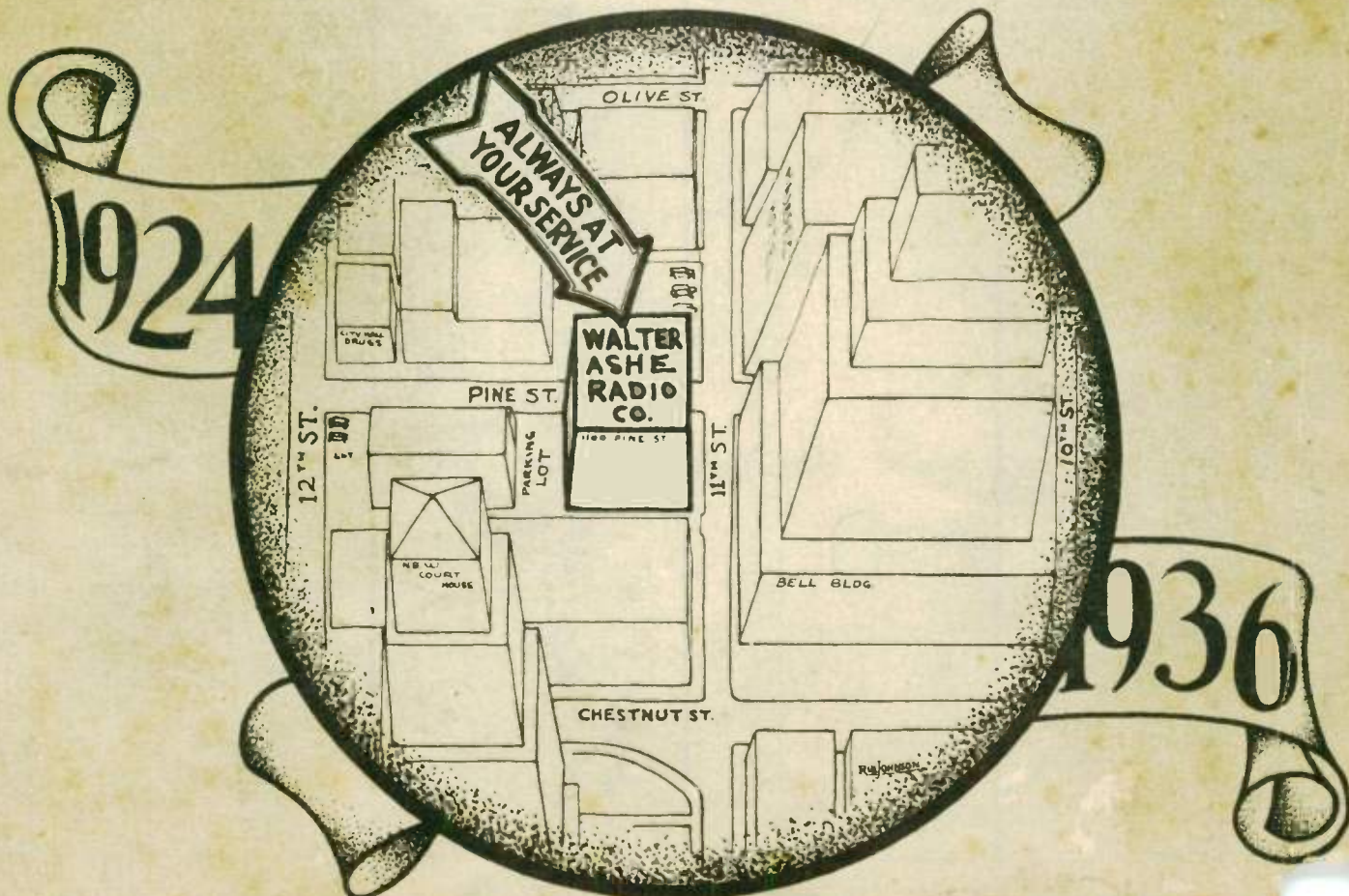
P. S. Kirk

720 S. 24th

Shelton Ill

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Removed No address



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 TEST PROD CORD 16
WRENCHES, NEUTRALIZING 20
 SOCKET 20
 SPINTITE 21

WALTER ASHE RADIO CO.

1100 Pine Street - - St. Louis, Missouri

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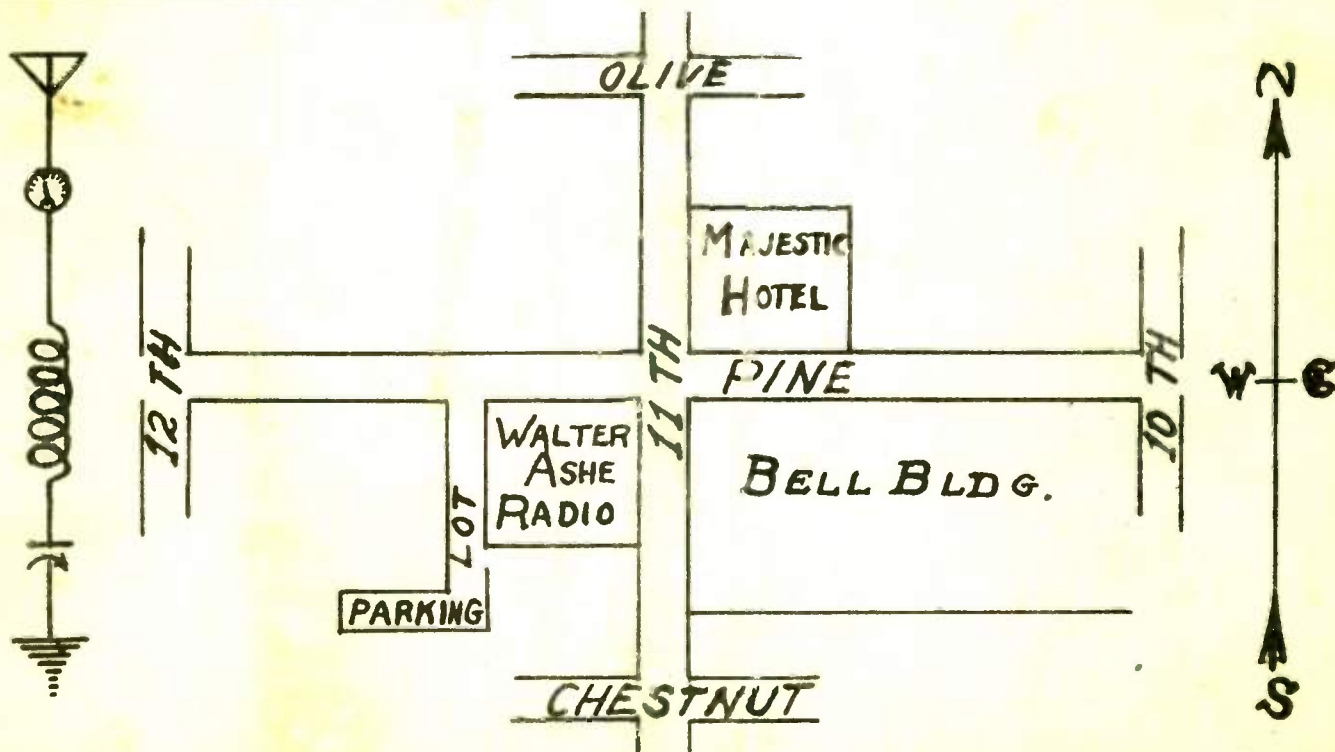
St. Louis, Mo.
Permit No. 1865



9-13-35
John Pierasch
819 Regina

ST. LOUIS, MO.

A COMPLETE SERVICE DEPARTMENT IS MAINTAINED FOR DEALERS AND SERVICEMEN



A PARKING LOT IS MAINTAINED FREE OF CHARGE FOR OUR CUSTOMERS
THIS CAN BE FOUND DIRECTLY WEST OF OUR STORE
A LOADING ZONE IS ALSO KEPT OPEN ON THE ELEVENTH STREET SIDE