



ANTIQUE RADIO CLASSIFIED



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THE COLIN B. KENNEDY COMPANY TYPE 220 INTERMEDIATE-WAVE REGENERATIVE RECEIVER

THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS
OF OLD RADIOS AND RELATED ITEMS - PUBLISHED MONTHLY

ANTIQUE RADIO CLASSIFIED

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The deadline for display and business card ad artwork, payment and repeat requests is the first of the month. Late ads will be run only if space and time permits. As artwork is reduced to 63% in the printing process, originals should be the artwork size listed below. Do not send in artwork on art board or negatives. Ads should be typeset or typed neatly with a carbon ribbon. If you want us to prepare your ad, include the one-time cost listed below for A.R.C. to make up the ad. Please read payment terms above. "Tear sheets" will be sent only for 1/2 and full page ads, if requested when ad is submitted.

Page	Artwork Size (send in this size)		As Printed (size in magazine)		Cost for 1-month	Cost for 3-months	Cost for 6-months	One-time Cost for A.R.C. to makeup Ad (if requested)
	H x W (inches)	I x W (inches)	H x W (inches)	I x W (inches)				
Full	11 13/16 x 7 1/2	6 5/8 x 4 3/4	6 5/8 x 4 3/4	6 5/8 x 4 3/4	\$70.00	\$189.00	\$355.00	\$24.00
1/2 II	5 1/4 x 7 1/2	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	35.00	94.00	178.00	12.00
1/2 V	11 13/16 x 3 9/16	6 5/8 x 2 1/4	6 5/8 x 2 1/4	6 5/8 x 2 1/4	35.00	94.00	178.00	12.00
1/4	5 1/4 x 3 9/16	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	18.00	48.00	91.00	6.00
1/8	2 5/8 x 3 9/16	1 5/8 x 2 1/4	1 5/8 x 2 1/4	1 5/8 x 2 1/4	9.00	24.00	46.00	3.00
Business Card	2 x 3 1/2	1 1/4 x 2 1/4	1 1/4 x 2 1/4	1 1/4 x 2 1/4	not avail.	15.00	28.00	2.00

The 3-month rates represent about a 10% discount, the 6-month rates, 15%. We have no agency discounts.

Photos should be at an 85 line screen; otherwise, add \$5.00 per photo for screening. (Do not glue photos to artwork; submit separately.) If you are confused by these requirements and terms, please write or call A.R.C. before beginning to prepare your ad. We will be happy to advise you on your ad ideas, estimate how much the ad will cost, recommend an ad size, etc.

We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet A.R.C.'s specifications. A late ad will be run beginning with the next month.

Advertising is accepted only for items related to antique radios, communication, electricity, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers agree to respond promptly to inquiries and orders, and to resolve problems promptly if the buyer is not satisfied.



ANTIQUE RADIO CLASSIFIED



EDITOR'S COMMENTS

Would you believe that the Kennedy receiver on the cover of this issue was once a basket case? When I received Henry Roger's "before" and "after" photos of his restoration of a Kennedy Model 220, the restoration work and the quality of his photographs impressed me so much that I put the "after" picture on this month's cover. The full story is in the article subtitled "The Chicken Coop Rescue".

A six-page report follows on the September American Wireless Association (A.W.A.) Historical Radio Conference and its auction. Nearly \$40,000 of old radio equipment crossed the auction block to over 300 bidders. Since this important auction seems to establish equipment values' guidelines annually, over 350 items are listed in this issue. This get-together also attracts many rare and unusual items for its Old Equipment Contest; photos of many of the entries are included.

Paul Bourbin wrote his second *Vintage Test Equipment* article, this time on the Supreme 502 tube tester. Paul feels that it is nostalgic and enlightening to use vintage test equipment to test vintage radio sets.

A book review by Alan Douglas covers *Achievement in Radio - 70 Years of Radio Science, Technology, Standards, and Measurement at the National Bureau of Standards*. *Club Spotlight* features the Antique Radio Club of Illinois this month. (Send in information on your club if we have not yet featured it.) *Photo Review* will return next month; I hope that the A.W.A. Old Equipment Contest coverage will serve in its place this month.

Last month, I emphasized A.R.C.'s advertising policy by placing it in a box within the classifieds (it is on page 15 of this issue). Although some of you may have seen it for the first time, this statement has been included with the advertising policies for over a year. At least one advertiser has written and suggested that a buyer's policy would be appropriate, and I agree that buyers must be

reasonable! However, the seller has to take the lead in resolving problems with the customer. A.R.C. serves both buyers and sellers, and both should adhere to ethical behavior.

As well as the advertising policy statement, a lot more information on the wordy inside front and back covers may be useful. For example, some of you are paying for, instead of taking advantage of, your free 20 words; you should mention them when you send in an ad. Likewise, a few of you send in several ads during the month, taking a free 20 words on each, not realizing that you can take the 20 only once per month. Also, please remember to send in the extra 10¢ per word for words over 20, even if it is only a few dimes (stamps & cash are OK for small amounts; no non-U.S. stamps, please); this saves us the time taken to write for the extra payment.

Also, mail seems to take longer to arrive than it did a year ago (An ad from N.J. took six days to get here); mail your ads by the first of the month to help insure arrival by the deadline. The tenth of the month is the deadline for classified ads, and the first of the month is the deadline for display and business card ads. Occasionally, we can include a display ad or business card ad arriving after the first if there is room, but classified ads received after the tenth rarely get in (the printer usually gets the finished pages by the 11th or 12th). All ads that arrive late are held for the next issue.

We appreciate club event announcements by the fifth, as we try to put together the *Coming Radio Events* pages soon after that.

Thanks to many of you who stopped by the A.R.C. table at the A.W.A. conference in Canandaigua and at the ARRL Hamfest in Boxborough, Mass.; I enjoyed meeting some of the people we know through the many letters and ads received throughout the year. Although the fewer listings on the *Coming Radio Events* page reflects the coming of winter, even snow does not keep collectors away from a meet in New England!

Happy collecting!

John V Terrey

ON THE COVER

This is the "after" result of an unbelievable restoration of a Kennedy Model 220 by Henry Rogers. Look at the photo on page four for the "before" picture.

The Kennedy Type 220 was first produced in 1921 in San Francisco, and later in St. Louis, like the set on the cover. The Type 220 is a one-tube regenerative receiver covering the range from 200 to 3200 meters. The cabinet is made of solid walnut with a Formica panel. The beveled-brass dials are satin silvered and lacquered; the dials

are usually very worn today.

The Type 220 sold for \$150, without tubes, batteries, etc.

OOPS! OOPS!

Not only did the September issue of A.R.C. incorrectly identify the cabinet style of the Scott Allwave 15, but last month's *OOPS!* named it incorrectly again. Hopefully, this will be the last correction... the Scott Allwave 15 on page eight of the September issue was in a "Tasman" cabinet.

BY HENRY ROGERS, P.O. BOX 501, MINDEN, NV 89423

Colin B. Kennedy Model 220 The Chicken Coop Rescue

Lifting up the telephone receiver, I recognized the voice on the other end as my old friend and fellow radio enthusiast, Fred Winkler.

"I know this guy with a Kennedy 220. What's it worth?" asked Fred.

"About three or four hundred," I replied.

"This one's not too good. It's missing the variometer," Fred was hinting.

"Well, then a hundred," I was becoming suspicious.

"This one's a basket-case. It was in a chicken coop."

"Fifty to sixty, I guess. Who has it anyway?" I asked.

"It's in pieces. You have a Kennedy variometer, don't you?"

"Yeah, but who has IT?" I knew what the answer was going to be.

"Come over and you can look at it!" Fred has a way of luring me into these deals.

At Fred's place, we went out to his workshop; there, on the floor, in several pieces and covered with multiple layers of different kinds of filth, was a Kennedy 220. It was missing more than just the variometer though.

"Well, what do you want for it?" I asked.

"How about finding me a good, low frequency Grid Dip Oscillator (GDO)."

"One that'll go down to 50Kc?" I asked.

"That'll do," Fred replied.

"Okay. That shouldn't be too hard to find. I'll bring this Kennedy back over here in a couple weeks from now, restored!" I must have wanted to set up a challenge for myself.

The deal was completed, and I stowed the Kennedy 220 "parts" in the trunk of the car and went home.

Complete examination revealed, besides a missing variometer and its secondary coils, filament pot, grid leak resistor mount, grid leak condenser and resistor and three knobs; also a lot of the nickel-plated hardware was gone. The cabinet was in three pieces. However, it looked like everything present was original and in good condition under the dirt.

Thorough disassembly was necessary first. The parts were then sorted into "bakelite" for one

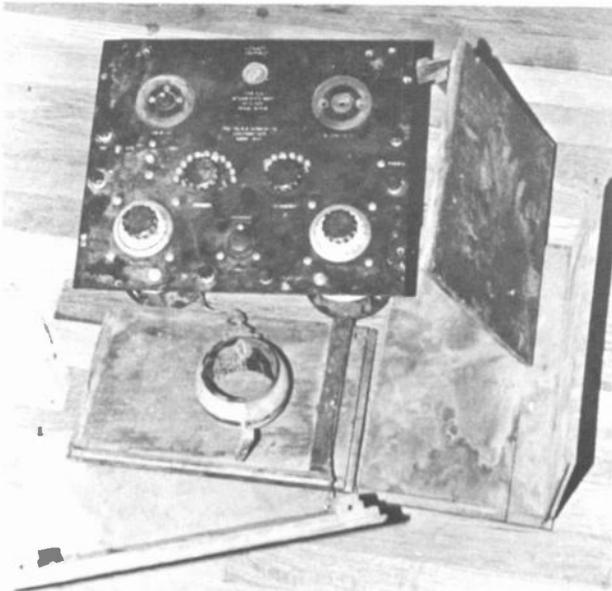


Figure 1. The Kennedy Model 220 before restoration. Below the front panel is the rotor from the original variometer, replaced in restoration.

method of cleaning and "plated" for a different method of cleaning.

The missing parts needed to be made or scrounged. The variometer was no problem; I had an original in mint condition. Also, found in the "junk box" was a Kennedy "silvered" dial and a General Radio potentiometer similar to the original. A potentiometer knob was found at the CHRS [California Historical Radio Society] swap meet the next weekend. I also found, in another junk box, a coil form that was the perfect size for the variometer secondary coils. However, when it came to the rest of the parts, I must confess, I had it easy! I have a Kennedy 110 in my collection for comparison, and almost all of the parts are interchangeable with a 220. For the secondary coils, it was just a matter of counting the turns on the 110's coils for the appropriate band, and then winding a "bank-wound" set of coils. For the missing screws, thumb screws, grid leak mounts, etc., it was a matter of removal from the 110, measuring the part, then turning it out on the lathe from brass stock. In the case of the knob for the series/parallel switch, it was casting with ep-



Figure 2. The Kennedy Model 220 after restoration.

oxy in a mold made from the Model 110 original.

Now, with all the parts in hand, we had to clean the metal ones for nickel plating. I use a Sparex solution in an ultrasonic cleaner for about fifteen minutes. Then comes a water rinse followed by a water soluble degreaser for fifteen minutes with another water rinse. All metal parts are plated, even if the original plating is in good condition; otherwise, when fully assembled, the color of the nickel won't match on all the parts.

Cleaning bakelite can sometimes require rigorous brushing in the flutes of the knobs where grime has built up. I use a very weak solution of water soluble degreaser applied with a hand brush. The panel receives the same solution applied with a large, soft bristle brush. After cleaning, all lettering is filled with Lacquer-Stik. Then, using a silicon polish, the panel is polished to a high luster.

With assembly complete, I had a working Kennedy 220 receiver, but the cabinet was still in three pieces. Close investigation showed that the

finish was still somewhat there, so I decided to go ahead and reglue the cabinet together. It clamped together fairly square and looked straight when the glue dried.

Now it was ready to clean and oil. I usually don't re-finish cabinets, preferring the set to look its age while appearing clean and complete. Nothing seems to duplicate an original finish; no matter how bad it is, I think the original is better than a shiny new perfect finish. Anyway, this is what I do. First, I apply regular furniture oil with a rag to remove the loose dirt. Then, using 0000 steel wool, I lightly work more oil over the surface in order to clean the finish deeply. With another application of oil with a rag and a wipe down, it's done. Generally, this procedure ends up with an original finish that looks its age while still appearing

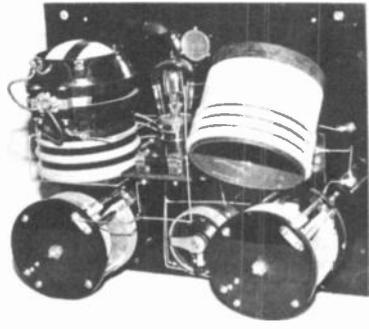
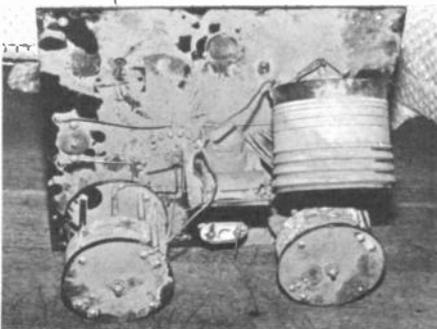
clean with a soft luster.

Dropping the panel into the cabinet completed the restoration. Total time: about twenty hours. Operation is almost identical to either that of the Kennedy 110 or 281, both of which were covered in articles in past A.R.C. issues [August 1986, p. 3, and September 1987, p. 7].

When showing Fred the set two weeks later, he said, "You know, the guy I got that from was cleaning out a chicken coop and was taking everything to the dump that day. I just happened to notice the Kennedy under the pile of junk he was hauling off. He just gave it to me!" That was really a case of being at the right place at the right time!

P.S. I never did find Fred that G.D.O. I ended up trading him an old National Low Frequency receiver instead.

Thanks to Henry for thinking to document his project. If you are just beginning to start a restoration, take some pictures (black & white). Then, when you are finished, write the story of the project and send it in to A.R.C. (Editor)



Figures 3 & 4. On the left is an inside view before restoration; after is on the right. The variometer on the left of the after view is a replacement, and the coils which were wound are below the variometer.

ANTIQUE WIRELESS ASSOCIATION 1988 CONFERENCE & AUCTION REPORT

Over 800 collectors, an overflowing flea market, four auctions, an outstanding display of old equipment contest entries, seminars, a spectacular Tesla coil demonstration, visits to the A.W.A. museum, and simply kibitzing about radio collecting and radio history — this was the 1988 Historical Conference of the Antique Wireless Association held September 21st through 25th in Canandaigua, New York.

This report is for those of you who could not make it to THE radio meet of the year, and is a record for those of you who did attend. Included here is in-depth coverage of the auction and a "Photo Review" of a number of the contest entries. More information on the conference and contest is usually reported in AWA's membership bulletin, *The Old Timer's Bulletin*. (Write the A.W.A. at P.O. Box "E", Breesport, NY 14816, for membership information.)

The best-in-show winner in the Old Equipment Contest was a 1917, pack mule, SCR-49 set entered by Michael Payne, Alvin, Texas; see the July 1988 A.R.C. *Photo Review* for a photo of this set.

Auction sales totaled over \$39,000 with a record 333 bidders registered. An auction of items from a private estate was first and included several early wireless items going for over \$1000 each. The vacuum tube auction followed with spherical audions in the \$500 range again. The General Auction included a number of items going for over \$500; the highest bid, \$1700, was for an Amrad SE 1400. The Communications Equipment Auction, with several nice HRO's, was held Saturday a.m. An HRO-500, like new, went for \$500.

This report is a selection of the items auctioned. Deleted were some items in poor condition, items with inadequate descriptions and low selling prices. The auction listing has been sorted by manufacturer with the prices of similar items combined. The information reported is our best attempt to combine all information available to A.R.C.; however, no guarantee can be made for accuracy. Many thanks to our contributors this year (over 35 pages of handwritten notes on the auctions): Ray Chase, Vic Johnson, Tom Burgess, Wally Worth and the A.W.A. (John V. Terrey)

Estate Auction. Highlighting the four auctions was an estate sale on Friday morning at 9:00 am. The several unique and very rare items sold included a two-piece spark transmitter and coherer receiver. The highest bid was \$2400 for a Pre-Civil War Morse register. \$1600 was bid for a Johnson/Phillips T-06 receiver, and \$1500 for a British coherer receiver. About 95 items were auctioned for a total of about \$17,500.

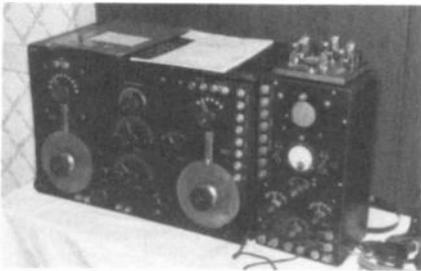
Adams Morgan Paragon RA-10 + 1 tube det. \$425
 Amrad dual detector, nice 325
 Amrad transmitter switches, vg. (2) 50
 BC 15A trans., no box, good 110
 British demo. coherer receiver, 1905, not all original 500
 British demo. coherer receiver, 1905 1500
 British demo. spark trans., 1905 1500
 Bunnell polar relay, 150 ohms 50
 Bunnell relay 16
 Coils, honeycomb and mount 30



Auctioneer and A.W.A. Vice President Bruce Roloson inviting bids at the General Auction.

Crosley Ace V, good tube, good 80
 Crystal det., box of 12 180
 Daven 3-stage amp, no tubes, dirty but good .50
 Detector, double, unknown, good 160
 Detectors, (5): Clapp-Eastham, E.I., etc. 350
 Duck Navy coupler, Type 5A, 1913, good 290
 E.I. roller cond. 250
 E.I. spark coil 40
 Edison standard cylinder phono w/horn 300
 Fisher variometer, orig. box, good 20
 GR 358 wavemeter, coils and box, good .25, 28
 GR audio osc. 25
 Grebe CR5 w/tube (AK variometer), nice 300
 Grigsby-Grunow horn, vg 55
 Home brew, 3 tubes, good 15
 IP-501 (SE-1420), no buzzer or rheo 550
 Johnson/Phillips T-6 receiver, 1916 1600
 Key, Bunnell, hand key 8
 Key, Mesco 6
 Key, Navy, WWI 90
 Key, semi-automatic 21
 Keys, (1) J-6 flame proof, (1) Bunnell, good ... 50
 Keys, 2, one is RCAF flame-proof, good 25

A warning: Auction prices are not current values. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process.



An SE-143 (IP-500) receiver, SE-1071 1-tube detector and SE-183A triple-crystal detector. (Tom Pamula)



A snapshot of flea market activity.

Leyden jar, 1905, good	50
Magnavox M1 horn & driver, clean	75
Magnavox M1 horn, Music Master driver, good	75
Manhattan Electric Morse register	100
Marconi Leyden jar, 1910, good	200
Morse register, pre-Civil War, weight driven...	2400
Murdock antenna switch, nice	100
Murdock condensers, (3)	40
Murdock loose coupler	110
Murdock silicon detector, 1914, nice	200
Murdock trans. equip., 7 pieces.	90
Phones: Murdock, Holtzer Cabot, etc., (17)...	40
RCA 103 speaker, tapestry good, vg	75
RCA Radiola III, no bottom, no tubes	30
Relay, keying, old, 5kw	65
Remler loose coupler, vg	105
SE1012A receiver, WWI, incomplete	440
Spark gaps, porcelain bases, (3), good	50
Tel. relays, (2), fair	19
Telegraph sounders, (2), good	15
Telegraph, misc. items	\$165
Transformers, (60 misc.)	20
Trumpet-style speaker, old, unknown, good.	100
Variable Capacitor, telescoping, tubular, on base	120
Variometers, (3): (1) Grebe, (2) wooden, good	50
WE 7A amp w/216A tubes, good	80
WE 600A mike, double button, good	310
WE Morse register, signed by Dolbear	350
Westinghouse Aeriola Sr., dud tube, no lid....	45
Westinghouse RADA, nice	70
Wireless Specialty triple detector	540

General Auction. The General Auction began about 11:00 am and included about 214 items bringing a total of about \$15,800. An early wireless item, an Amrad SE-1400 took the highest bid of \$1400 followed by an English (ceramic, top-hatted statue of a man) crystal set for \$700.

Addison L-2 ivory & black Catalin, cracked ..	400
Airline cabinet & speaker only, fair	6
Airline Model E	22
AK 10 breadboard, green (painted?), no tags.	430
AK 20 large, knob missing, broken switch, fair	35
AK 20 large, poor, no tubes	25
AK 36 w/supply, fair	65
AK 40 w/E speaker, good	55
AK 67 w/speaker, metal case	6
AK E2 speaker, fair	20, 25
Amrad SE 1400, complete. vg	1700

ARRL Handbook, 1927	35
BC 357 Marker Beacon, military WWII	2
Bendix 115, cracked, discolored	45
Bendix portable, leatherette, good	26
Blue midget 1946 radio	25
Book, Dixon: Shortwave Mystery	2
Book, Radio Boys <i>Iceberg Patrol</i> with DJ	5
Book, <i>Saga of Vacuum Tube</i> , autographed....	30
Bosch speaker, good	22
Box of meters	22
Bremer Tully 5-tube, good	45
Buckingham, no case	10
Burns speaker, broken bell	70
Canadian GE Radiola 93 (looks like a 3-tube Radiola III), good	230
Clarion 510 cathedral, good	60
Cockaday LC27	45
Columbia coin-op radio	7
Crosley 5-38, fair	49
Crosley 51, good tubes	75
Crosley 51, needs audio, fair	37
Crosley 148 cathedral, wrong back, vg	75
Crosley chassis in RCA cathedral	32
Crosley Dynacone speakers, (4)	90
Crosley Super Triridyn, w/tubes	40
Day Fan 5 with tubes, good	30
DeForest DT800 amplifier, vg	350
DeForest training course	7
DeForest variable condenser, 10" diameter, glass (cracked) case	180
E.I. catalogs (2)	40
Early mike w/springs	80
Edison standard cylinder phono, vg	310
Eico signal generator	6, 11
Federal 135 phono panel	60

(Continued on following page)



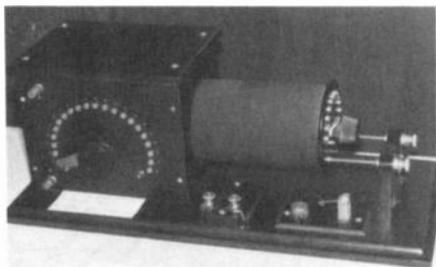
Westinghouse Aeriola Jr., Type RE, and its shipping box. (Dick Brewster)

(A.W.A Conference & Auction Report, Continued)

Federal 140, no case or tubes	100
Federal Orthosonic	32
Ferris 18C Sig. Gen.	3
Firestone plastic table radio	20
Ford spark coils, (2)	7
Freed-Eisemann NR20, no tubes	50
Freed-Eisemann, large bat. set, nice cabinet .	40
French ammeter, good	20
Fuller induction spark coil	29



Pilot Bakelite Tombstone, Model H 262, model produced for export. (Walter C. Buffinton)



Crystal receiver including the loose coupler and crystal detector. (Chet Wisner)

G + L tangent galv.	140
GE K-41 metal radio	65
Gernsback service manual, 1930	12
GR BC14A WWI receiver, good	340
GR DC amp 715A, good	22
Grafton xtal radio (ceramic top-hatted man statue), English, w/phones	700
Grunow Deco wood tombstone	70
Hallicrafters SX 16	105
Hallicrafters SX 17	65
Hallicrafters SX 28, no case, fair	37
Hallicrafters SX 62	45
Hallicrafters SX 73	18
Hallicrafters VTVM	30
Heathkit, VTVM & PS	2
Hickock analyzer	18
Home brew spark gap transmitter	95
Home brew w/AK parts	90
Home brew w/Crosley parts	20
Home brew wireless tuner, good	40
Jackson Bell cathedral	125
Jackson TV Sig. Gen.	6
Jewel Model 5100 plastic	11
Kennedy 110, vg	575

Kennedy 110, no case, poor, as is	130
Key & sounder on board	45
Key, sounder & resonator on base	55
Kolster cath. with plywood, patched	25
Lafayette FM set, modern	1
Lamp radio, vg	110
Leutz PLIO-6	100
Magnavox M20 speaker, good	15
Magnavox R2 horn & driver, vg	80
Magnavox R3 horn w/driver	55
Mann Co., W.F., Model F, good	30
Marconiphone crystal set, good	150
Martian special crystal set	130
Marwol TRF 3-dialer	55
Meissner signal shifter	20, 22
Metz spark coil	50
Michigan Radio, 1 tube, poor	61
Michigan Radio, 1 tube, w/batteries, good	75
Mikes, candlestick w/switch, (2)	20, 30
Modern Electrics, March 1912, ripped cover ..	10
Modern Electrics, Oct. 1912, fair	18
Montgomery Ward farm radio, fair	50
Motorola 41D portable, good	12



Ducretet Crystal Set made in France in 1920. (Andre Chompert)

Music Master 100	35
National FB7, no bottom plate, good	95
National SW3, 1 set coils, vg	90
Northern Electric 2-stage amp, w/tubes	140
Norvex 2-tube regen., early, poor	290
Novelty music box radio	30
Nu-Design RF-4, 3-dialer	35
Omniograph, w/box & instr., vg	360
Operadio portable with owners' manual, vg ..	210
Panel meters, (2)	14
Pfanstiel Model 8, good	20
Philco 37-62, brown table model	24
Philco 51 clock radio, needs knob, good	190
Philco 1941 wood battery table radio, good ..	40
Philco cathedral 37-61, good	65
Philco PT-30 black bakelite, good	12
Philco Safari TV, parts missing, fair	55
Priess Super 8 with loop, vg	160
QST magazines, 1917 (3)	55
QST magazines, 1919-1920, (3)	32
QST magazines, 1925-26, (18)	26
Radiola 18, no hood	38
RCA 5T tombstone	45
RCA 8T tombstone, good	65

RCA 120 cathedral, fair	100
RCA AR 812, refinished(?), no tubes, vg	85
RCA Radiola 20, vg, w/tubes	60
RCA Radiola III mounted in wooden file case box, w/2 tubes	30
RCA Radiola III, no tubes, good	37
RCA Radiola V, no covers or top	80
RCA Radiola V, no top or crystal, fair	160
RCA TV plaque	22
Regency TR1-G transistor radio	95
Remler Infradyne amp	85
Rider's I, III, X, good	45
RME VHF conv.	5
Rogers receiver w/tubes, fair	180
Rogers slant front	80
Rotary gap spark trans, no helix	390
Rubicon galvanometer, vg	16
SCR 54A crystal set, no tag, fair	220
Sencor color gen.	10
Sentinel plastic radio, butterscotch Catalin, cracked, fair	200
Sign, Dumont banner (TV), 1948	30
Sign, GE illuminated sign	60
Sign, Neon, glass only, <i>Antennas</i>	25
Sign, TV neon <i>Yes We Repair Television</i> , bro- ken end, fair	12
Sign, Zenith, plastic sign & clock	21
Silvertone farm radio, good	15
Silvertone, metal case, poor	5
Silvertone portable, good	25
Simpson signal gen.	11
Standard Sig. Gen.	5
Steinite 990, mint	90
Steinite AC set, poor	14
Stewart radio, 3-tubes	35
Storage B-battery in wood case	35
Stromberg-Carlson cone spkr	30
Stromberg-Carlson horn on floor tripod	65
Stromberg-Carlson wall telephone, vg	200
Telegraph relays, (10)	38
Telegraph set w/resonator	52
Thompson Neutrodyne, 3-dial, slant front	31
Toy motor, early, vg	110
Trans. coil, unknown, fair	9
Tri-City one-tube receiver, good	60
Truetone, nice Deco, metal case, vg	55
Tuner, 2-slide, vg	37
Tuska Superdyne Junior, good	65
Type BF microphone	80



Acme Models Y-1 Detector and Y-2 Amplifier units. (Carl Knipfel)



3-tube aircraft radio receiver, Model SCR-59, 1917-18, non-regenerative detector and two-stages of audio amplification. (George Potter)

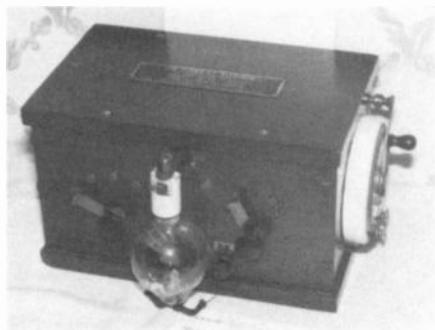
Wavemeter	19
WE 7A with good tubes	100
WE 560AW speaker, vg double cone 24"	120
WE horn w/driver	70
Westinghouse Aeriola Sr., no label, dud tube	75
Westinghouse Aeriola Sr., no tube, rough	75
Westinghouse ARR-7, military w/PS	35
Weston meter 0-300 volts DC, good	26
Weston meter w/case, 500 amp	40
Whitstone slant-front, 5 tubes exposed	75
Wilcox-Gay push button intercom	21
Wirt speaker, fair	11
World crystal set	90
Zenith AC-DC portable, leatherette, brown	20
Zenith portable 4K600, very poor, small	5
Zenith Trans-Oceanic	25, 30, 32
Zenith VII, good	70
"9-in-line" superhet, very nice	210

Tube Auction. The tube auction (which actually preceded the general auction) began at 10 am on Friday and included spherical audions going for \$500 to \$550, about the same as at last year's auction. About 75 lots were auctioned for a total of about \$3500. Note: BB = brass base.

(Continued on following page)



National Airphone Corp. Monodyne Model GT-1 tube set and Model A amplifier. (Robert Lozier)



DeForest RJ-4 with spherical audion. (Don Patterson)

(A.W.A Conference & Auction Report, Continued)

201-A's, good, (7)	27
215A, (2) 1 n.g.	8
216 tubular audion, good fil. w/adaptor base	110
Amperex 5661/GI 544 trans. tubes, (2)	11
Arcturus 071-A, 124	10
Arcturus blues (4) & 1 clear	25
Arcturus tubes, box of 19	90
Bag of 2-digit tubes	5
Bag of tubes, (37, 75, 45, etc.)	7
Box asst. tubes: UX-120, etc.	35
Box of 9 Raytheon rect. (B, BH)	30
Box of 10 good 01-A's	35
Box of 10 UX-250, UX-281, etc.	50
Box of 100 asst. tubes (CRTs, photo, etc.) ...	100
Box of loctal tubes, (48)	22
Box of tubes, photocells, etc.	85
Box WWII transmitting tubes	5
CV82	10
DeForest OT-1A, BB, box	50
DeForest spherical audion w/socket, single wing, fil. open, short leads	320
DeForest spherical audion, Hudson fil, dual plate, fil. good	500
DeForest spherical audion, single plate, fil. good	550
DeForest spherical audion, single wing, 1 fil. good w/label, short leads	500

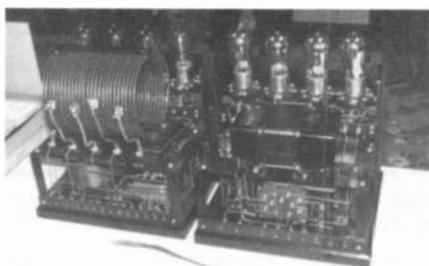


Philco mantel clock radio with Model 51 chassis. (Ross Smith)



Hallicrafters SX-25 communications receiver. (John Nagle)

DeForest spherical audion, w/socket (rebuilt)180	
DeForest tubular audion, DF on plate, good fil.	180
GE 861, good fil.	53
Kellogg 401, fil. OK	11
Kellogg 401-A's, good fil., (4)	80
Magnavox Type A, uncommon	80
Marathon 245's in boxes, (6)	75
Marathon, QRS, etc. AC tubes, (5)	75
Marconi VT24, fil. good	60
Moorehead electron relay	55
Myers audion, good fil.	30
Myers audion, good fil.	35
Myers tubes, (4), fil. OK, w/sockets	50
Philco tubes 24A, 42, 47, etc., (5)	18
Raytheon Kenolamp, N.I.B.	150
Raytheon neon scanning disc tube, good	150
RCA 834 transmitting tubes, good, (4)	13
RCA UV 851, in box	20
RCA UV-196, BB	50
RCA UX-200, new in boxes, (3)	36
RCA UX-288 full wave gas, good	16
RCA Vidicon 6198	10
RCA WWI WD-11, good, (3)	200
Receiving tubes, BB, 10, good	25
Sodion D21, mounted	55
Sodion S13, open fil.	37
Sonora RA-1's, orig. box, (2)	35
Sparton, Philmore, Kellogg AC tubes, (5)	40
Sterling VT 12, orig. box	24
Sylvania 3AP1 scope tube, new	3
Telefunken RE11, good fil.	40
Tubes: Moorehead, Sparton, Candon, Kellogg (4)	60
Tubular audion, Sig. Corp. box	60
UV-202, UV-200; (3), 2 open	35
VT-1's, (4), 1 w/open fil.	50
VT-5's, (5), good, U.S. Army	20
VT-200, BB, (7), 3 open	45
WE 101-E, 205-E, both good	25
WE 102-D, good fil., (2)	30
WE 203-A, 101-A, 102-A, 201-A, 205-A (5) ...	90
WE 212E, fil. good	20
WE 213-D, 216-D, 239-A	25
WE 216, 217, in FADA sockets	55
WE 216A, (2), 1 open fil.	25
WE CE 203	5
WE trav. wave tubes, (3)	10
WE VT-5/215-A, fil. OK, (5)	32
Welsh WT-501 peanut tube, OK	90
West. WD-11, BB, new	60

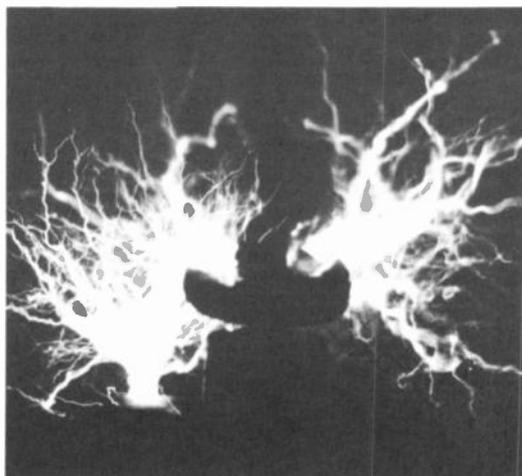
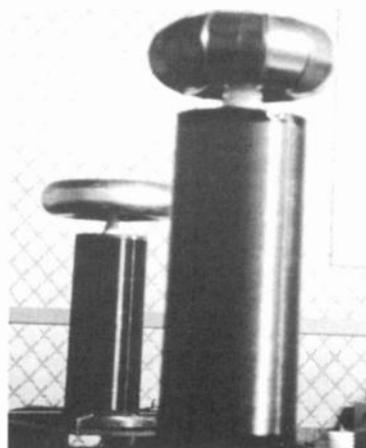


RCA ET-3619 Transmitter and ET-3620 Kenotron Rectifier. Four UV-202 tubes give 20-watts CW output between 180 and 320 meters. 10-watts is obtained on phone. UV-216 Kenotron rectifier tubes are used in the ET-3620. (Nevell Greenough)

Communications Receiver Auction. The communications receiver auction was held Saturday morning at 8 am. 57 items were auctioned for a total of about \$2300.

Box of crystals, parts, etc.....	19
Code practice machine, 8 tapes	30
Collins 32V3 transmitter, vg	60
Collins 75A1 receiver, no speaker, vg	95
Collins R392 in HB rack mount	15
Echophone, WW2, nice	33
Hallicrafters AR40, poor	10
Hallicrafters HT-6 transmitter, w/coils	105
Hallicrafters S-15, good	80
Hallicrafters S-36 UHF/VHF, vg	45
Hallicrafters S-36, RCA version, unique	10
Hallicrafters S-38, fair	21
Hallicrafters S-38A, poor	8
Hallicrafters S-38C, vg	20
Hallicrafters S-38E, poor	6
Hallicrafters Sky Buddy, clean	60
Hallicrafters SX-11, fair	55
Hammarlund 4-20 transmitter, good	20
Hammarlund FB400, w/supply & speaker	165
Hammarlund Super Pro w/power supply	60
Heathkit 1- and 6-meter transceivers, (2)	11
Heathkit 11-meter transceiver, good	6
Heathkit AT-1 (first Heathkit xmtr. ?)	22

Heathkit VFI VFO	10
Home brew transmitter, 807 tube, 'air	11
Meissner DLX signal shifter with coi's	25
Millen 921 preselector, VHF	11
National 100, modified	26
National FB 7, 2 sets of coils, fair	70
National HFS, with coils, clean	85
National HRO, 2.5v tubes, 5 coils, early, vg ..	170
National HRO, 6v tubes, no PS, 9 coils	235
National HRO, 6v tubes, 3 coils, no supply ..	65
National HRO-7, no PS, 1 coil, fair	25
National HRO-60, with coils, speaker, not working	40
National HRO-500, transistorized w/speaker, NIB	500
National NC 240, no dial glass	60
National SW54 receiver, clean	13
QSL cards, approximately 1000	24
RAK 7, vg, military, vg	\$5
RAK 8, good, military	5
Regency CB, fair	2
RME 69, no case, fair	40
RME DB-20 (?), preselector, old	20
RME VHF 152 converter, manual, vg	21
Scott RCH military receiver	36
Sonar NB FM exciter, vg	2
Viking 6&2 100w transmitter	5
Wells Gardner RBL-4, LF set	20



Jim Hardesty's and John Wiesner's Tesla Coils at the Friday night awards dinner.



VINTAGE TEST EQUIPMENT

BY PAUL JOSEPH BOURBIN, 25 GREENVIEW CT., SAN FRANCISCO, CA 94131

Supreme 502 Tube Tester

The tube tester is one of the most necessary pieces of equipment for the repair of vintage radios. While modern test equipment can be used to perform most test and repair functions, testing the quality of tubes without a tube tester is very difficult. Unfortunately, tube testers for the types of tubes used in vintage radios are no longer made. Therefore, the one piece of vintage test equipment that modern day repairmen need is a tube tester. An ohmmeter can be used to check for filament continuity, but more elaborate equipment is necessary to evaluate the quality of a tube. As tubes become scarcer, the need to judge a tube's condition becomes more important as substitutes may not be conveniently available.

The two basic types of tube testers are the emission type and the mutual conductance type. The emission type measures the amount of electrons emitted by the filament or cathode. As the tube nears the end of its useful life, the number of electrons that the filament can emit decreases. Eventually the electrons emitted are insufficient for the tube to function properly. The circuitry of the tester is adjusted so that the meter reading will show the relationship of the tube's emission to that of the manufacturer's specifications. The tester's meter should leave the "Good" section at the point where the tube has reached the end of life point for proper emission. Mutual Conductance (also known as Transconductance) is the relationship between the signal voltage and the plate current for zero load resistance, and is measured in microhms (microamperes per volt) or millimhos (milliamperes per volt).

There are two types of tests for Mutual Conductance – the static (or "grid shift method") and the dynamic method. These two methods will be discussed at a later time. Other tests that can be performed to check the quality of a tube are: Gas current (negative grid current), microphony (acoustic feedback), noise (caused by speaker output) and heater-cathode leakage. One thing that a tube tester cannot indicate is whether a



tube will oscillate in a particular circuit. A tube can test well and still fail to oscillate. The only way that a tube can be tested for oscillation is by substitution. However, a tube that fails to oscillate and test well will work in a different section of the set.

An excellent example of an emission type tube tester is the Supreme Model 502 tube tester. Produced during the mid-thirties, it was capable of testing four-, five-, six-, seven-pin and octal tubes by the emission method. In addition, external connections were available for four ranges of AC and DC volts, five ranges of resistance, electrolytic and electrostatic capacitor tests. A single meter gave all readings, and a NE-1W bulb was used to show leakage. The Supreme Model 501 had the same tube testing circuit, but lacked the external connections for multi-meter use. The panel was of brown painted metal with an Art Deco design around the meter. It was very well laid out. The tester was encased in Supreme's usual, well-made case of light oak.

The 502 was very easy to use. All the operator had to do was to set four dials and throw the toggle switches as per the chart. If the tube passed the leakage test, the operator threw the "LKG-TEST" toggle switch to TEST and read the results on the meter. A chart for most of the common tubes, with instructions, was located under the lid.

The most common problems encountered preventing proper operation of the tester are: failure of the 01-A tube under the panel, dirty contacts, and failure of the capacitors. The AC voltmeter, AC line test and the tube leakage test will not work properly if the capacitors are shorted, leaky, or open. Even if they still seem to work, they should be replaced to prevent problems later on. You will have to hunt for some of them as they are well hidden behind the wiring and other components. On some units, you will find that the filaments do not light when testing five-, six-, or seven-pin tubes. Try setting the "Filament Return Selector" switch to the pin number designated by the letter "H" OTHER THAN pin one. Often the tube will light, and the tester will work perfectly. If your particular tester has this problem, you can either rewire the unit, a very difficult task, or remember to put the switch in the other position. Tracing out the circuit is quite difficult as the wires are bundled into a cable and the color code is redundant.

The 502 was my first tube tester and one which I still use quite regularly. While I own a goodly amount of modern test equipment, I often find it very interesting and challenging to repair a set using old equipment. Something that we all should do is repair a radio using test and repair equipment contemporary with the set being re-

paired. This gives a better feeling for what the radio repairman of the day had to endure to repair a set. This will also give a better feeling for the design of the set. Using old equipment will teach you how repairmen reasoned out a set's problems. Have you ever noted that the voltage readings of modern meters often are a little higher than the manufacturer's specifications? One reason is the type of meter used. The listings given in the service literature were based upon the meters that most servicemen had at that time. Since most of the meters had a sensitivity of 1000-2000 ohms per volt, radio manufacturers listed voltages using those types of meters. Now, even inexpensive meters have a sensitivity of 10,000 to 20,000 ohms per volt and often higher. Since a voltmeter is put in parallel with the circuit being tested, the resistance of the meter is in parallel with the resistance of the circuit. Therefore, the resistance of the meter is in shunt with the circuit, and the meter's load reduces the voltage of the circuit. With modern high resistance meters, the change is often negligible, but with older lower resistance meters the difference could be significant. This is especially true in the lower ranges. The voltages listed in manufacturer's literature were not the "true" voltages but what the serviceman was expected to get. With modern equipment, the readings are closer to the "true" voltage and generally are a bit higher.

That's it for now. Send in your letters and questions, and I will answer them in this column.

Reference: *Radiotron Designer's Handbook*, Third Edition; edited by F. Langford Smith, 1945

BOOK REVIEW

By Alan Douglas

Achievement in Radio -

70 Years of Radio Science, Technology,
Standards, and Measurement
at the National Bureau of Standards.

By Wilbert F. Snyder and Charles L. Bragaw

Achievement in Radio is organized by chapters according to projects or fields of investigation: prewar radio, WWI developments, broadcasting, measurements, antennas and wave propagation, time standards, and so on to the present day. At least one-quarter of the book - that's more than 200 pages - is devoted to pre-1930 work. The table of contents alone runs 20 pages, the index 34, the whole volume 876. 876 pages in large format means that a lot of information has been packed in. What didn't fit into the text has been saved for the voluminous footnotes, which occasionally take most of a page. The hundreds of photographs have been well reproduced on coated paper.

Is the book worth \$55? Certainly to me it is. For example, I wanted to look up P. D. Lowell, with the Bureau from 1913 to 1922, and again after 1941, and best known to radio collectors (or should be) as one of the designers of the Grebe Synchronphase. In the index are no fewer than 22

page references to Lowell, and all sorts of biographical tidbits are tucked away here and there.

More up-to-date readers will find descriptions of everything from WWII radar countermeasures to the Bureau of Standards' radio station WWV to studies of the ionosphere and beyond. All in all, it's just what its title says it is.

This book got an enthusiastic review in the August 1987 *AWA Old Timers Bulletin*, but, mad-deningly (book reviewers please note), no price or ordering information was provided. To dispose of that omission: stock no. 003-003-02762-6, \$55 postpaid, from Supt. of Documents, U.S. Government Printing Office, Washington, D.C. 20402-9325. (Alan Douglas, P.O. Box 225, Pocasset, MA 02559)

RESTORATION TOPICS

Whiting Dials and Panels

By Henry Brown

For those of you who find lacquer sticks offensively bright and "unoriginal" when re-whiting dial and panel markings, may I recommend that you try Liquitex-brand parchment-color acrylic artist's paint. It is a muted white, and because it is an acrylic, it is also water-soluble until it dries. Any good art supply store sells it. (*Henry Brown, 2 Central Ave., Morris Plains, NJ 07950*)

CLUB SPOTLIGHT

The Antique Radio Club of Illinois – ARCI

The Antique Radio Club of Illinois (ARCI) originated eight years ago to preserve the history and enhance the knowledge of radio and related disciplines. From the original forty members who formed the club on a 15-below-zero evening February 16, 1980, ARCI has grown to a membership of 267. With most members from the greater Chicago area, 98% of the membership comes from the Midwest. ARCI strives to be the magnet that draws members together so they may carry on the activities of radio collecting and related hobbies. The active officers and board work hard for this quality member-oriented club.

ARCI publishes the 12- to 15-page *ARCI News* when enough information accumulates. The newsletter includes club news, classifieds free to members, and articles. The editor requests pictures and articles from members about their favorite sets.

The club sponsors four swap meets each year – in February, May, August and October; the meets are usually in Elgin. The August meet is the popular Radiofest which has grown since 1982 from 125 to 600 attendees. Radiofest offers an active flea market, interesting displays and presentations, and an old equipment contest, at a cen-



tral location in Elgin. Each year a special exhibit at Radiofest complements the Old Equipment Contest; one year the theme was radio advertising; many members donate their radios to the special exhibits.

Radiofest attendees may visit Ralph Muchow's historical Radio Museum near downtown Elgin. His collection has grown over the years to fill twelve rooms. The museum "has a little of everything, and everything is in great shape," according to Jeff Aulik, *ARCI News* editor; "you name it; he's got it." One room is devoted to Atwater Kent radios. He also has some early scanning disk televisions from the 1920's. Now the museum opens for special events and by appointment with Ralph Muchow.

Radiofest '88 – held August 11-13 in the Holiday Inn Holidome and Convention Center, Elgin – broke its record with 368 registering and at least 600 attending. Over 100 vendors participated. Many members contributed to the special exhibit of Art Deco radios.

Antique Radio Club of Illinois ARCI

Yearly dues: \$12

Publication: *ARCI News*

Officers:

President: Dan Gustafson

Vice President: Barry Janov

Treasurer: Carl Knipfel

Secretary: Carolyn Knipfel

Editor: Jeff Aulik

For membership information:

Carolyn Knipfel

Rt. 3 - Veterans Rd.

Morton, IL 61550

NEW CLUBS FORMING

Antique Radio Classified has received letters from the following collectors who are forming new clubs in their areas.

New Jersey. Television collectors in the New Jersey area should contact Harry Poster, P.O. Box 1883, Hackensack, NJ 07606.

Wisconsin. Collectors interested in forming a radio/phonograph club should contact Sandy

Conners, 5 Breyerwood Ct., Hortonville, WI 54944. (414) 779-4167.

Gulf Coast Area: Louisiana, Mississippi, Alabama, Florida and Texas. Contact Jimmy Downes, 607 East 12th Ave., Covington, LA 70433.

New England. Collectors in New England who are interested in joining a newly formed club should contact Marty Bunis, 422 Day St., Manchester, NH 03104. (603) 623-8996.



CLASSIFIED ADVERTISEMENTS

FOR SALE: 112 different Sams folders, all between #33 and #358. Sell \$1 each or make offer for all. Plus postage. **WANTED:** 110-volt AC tuning motor for 1930's Majestic #174, or junker chassis, or equivalent motor with gear box. Help! Stefan Ponek, 93 Mariner Green, Corte Madera, CA 94925. (415) 924-4450

WANTED: Home brew crystal set. Dial type mounted on nice wooden cabinet. Vernon Kosztohyz, 600 Lakeside 3A, Brownsville, TX 78520. (512) 541-5692

WANTED: Crystal sets. Wood cabinet radios. Headphones. Horn speakers, pre-50's. Noriyoshi Tezuka, JA1NTF, 1-11-2-403 Hiroo, Shibuya-ku, Tokyo 150, Japan. Fax (813) 440-8732

FOR SALE: Victor tabletop phonograph - \$135. Newcomb-Hawley 83 speaker - \$50. Radiola 60 - \$75. AK 42 & E-2 speaker - \$110. Jeff Gentry. (804) 295-1841

WANTED: I have over 170 different telegraph bugs in my collection; do you have one? Gil Schlehman, 335 Indianapolis, Downers Grove, IL 60515

FOR TRADE: Scott Philharmonic early pointer, Warrington. **WANTED:** Crosley crystal set and detector unit. Larry Wright, 131 Hilltop Dr., Lake in the Hills, IL 60102. (312) 658-5993

WANTED: Zenith Trans-Oceanic radios. Prefer tube type. Must be reasonably priced. Private collector. Thank you. Phil Van Praag, 11511 N. Quicksilver Trail, Tuscon, AZ 85737. (602) 297-6005

WANTED: Tube hi-fi & sound equipment. Also WE, AR-1, RCA LC-1 A 15" speakers. Joe Roberts, Box 19302, Alexandria, VA 22320. (703) 683-2955, home; (800) 843-8253, work

FOR SALE: Two WEKS 15911L2 supplies 190-250v 60 cy. AC in, 130v DC 5 amperes out. Weston ammeter. Dumont RA352A TV, new kine-scope. John W. Richardt, Jr., W2WIY, 94 Bald Eagle, Hackettstown, NJ 07840

WANTED: Front panel for Kolster 6D. Chassis for Automatic Radio Mfg. Co.'s Tom Thumb. Peter Oppenheim, 35-20 204th St., Bayside, NY 11361. (718) 279-2912

WANTED: Addison Model A2A (Collins, p. 50). Also Kadette Jewel model (Collins, p. 21.), and any Kadette sales literature. Addie, 438 N. Waiola, LaGrange Park, IL 60525. (312) 579-0729

WANTED: Popular Science magazines - July 1933, January 1934, March 1936, April and May 1938. Robert Stapleford, 1800 Randolph, Topeka, KS 66604

WANTED: Zenith 7-tube chairside radio Model 7-S-242. Arie E. Breed, 510 Lake Dr., Ottumwa, IA 52501. (515) 682-6925

FOR TRADE: Emerson Little Miracle Catalin, yellow with black trim. Sentinel L-284, walnut Catalin. Philco neon clock. Lairy Wilcox, 357 Gravatt Dr., Berkeley, CA 94705. (415) 548-7099

FOR SALE: New and used tubes, cone speakers, capacitors. Send SASE for lists. C. Elmer Nelson, 11 S. Church St., Princeton, IL 61356

WANTED: Crystal detector assembly for a DeForest D-7A. Reproduction assembly OK. Elmer J. Lange, 1261 County Line Rd., Darien Ctr., NY 14040. (716) 937-6416, eves.

SELLERS ... PLEASE NOTE
A.R.C. ADVERTISING POLICY...
ALL ITEMS MUST BE DESCRIBED FAIRLY.
REPRODUCTIONS, REPRINTS AND NOT-
ORIGINAL ITEMS MUST BE SO IDENTIFIED.
ADVERTISERS AGREE TO RESPOND
PROMPTLY TO INQUIRIES AND ORDERS.
AND TO RESOLVE PROBLEMS PROMPTLY
IF THE BUYER IS NOT SATISFIED.

WANTED: Help! Need info. on the following: Knightkit R-195, Heathkit Marauder HX-10, Radiotron UX-859. Tracy Sands, 1520 W. Juno Ave., #C, Anaheim, CA 92802. (714) 491-8546

WANTED: Jukeboxes, any condition or parts. Also buying wall boxes and wall speakers. Will pay finder's fee. Call Keith Bailey. (5-3) 435-0296

FOR SALE: Pair Radiola 46. Seeburg Master amp MA-1-L6. FADA motor set w/column head. MTY Gloritone cathedral. John A. Myers, Wilson, NY 14172-0098. Niagara Falls area. (716) 751-6053, eves.

WANTED: Wisconsin residents interested in forming radio/phonograph club. Advice on forming club. Sandy Conners, 5 Breyerwood Ct., Hortonville, WI 54944. (414) 779-4167

WANTED: Trirdyns, Trirdyns, and more! 20's horns, tubes, etc. State prices. William Smith, 16001 Dusty Ln., Accokeek, MD 20607

CLASSIFIED ADVERTISEMENTS

FOR SALE: Professional color television studio cameras. RCA TK 630. 3-tube Plumbicon solid state design. 1974 vintage, working complete with 10 to 1 zoom lens. Best offer. Pictures - \$1. Richard Marsh, 7350 Buchanan St., Hollywood, FL 33024

SEND ALL A.R.C. MAIL TO
Antique Radio Classified
P.O. Box 2, Carlisle, MA 01741

WANTED: RCA Strato-World Model 1-MBT-6, Grundig Satellite 5000, Toshiba Global 19L-825F. Coca-Cola can transistor radio. Will pay or trade. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

WANTED: Operating manual for Precision tube & multi-tester #954. Xerox copy OK. Will pay. John G. McDade, 204 E. Joppa Rd., #214, Towson, MD 21204

WANTED: Majestic G-84 tube, curved back support for Philco 70 cabinet. Philco Predicta G4242 antenna, mounting bracket, and brown brightness knob. Jim Dirksen, 750 Franklin Rd. SE, Apt. 8-D, Marietta, GA 30067. (404) 428-5809

FOR SALE: Novelties: Renwal doll house radio/slide out phono, brown - \$40. Emerson TV bank, red w/clown on pix - \$70. 1963 Cadillac conv. AM radio, M.I.B., (promo for Ill. Cad. dealer) - \$35. Franklin Radio Corp. repro. cathedral AM/FM, looks like AK - \$35. Jimmy Downes, 607 East 12th Ave., Covington, LA 70433. (504) 893-7057

CLASSIFIED ADVERTISEMENTS

WANTED: Police scanners, working or not, crystals, spare parts, service manuals, Sams Photofacts, anything scanner related. Especially looking for a Bearcat Lil Tiger. Please send model number, asking price, and condition in first reply. All replies will be answered. Michael S. Sabodish, Sr., 11-A Matawan Ave., Cliffwood, NJ 07721.

FOR SALE: Send \$1 for giant list of over 600 radio, wireless, TV related books. Jerry Simkin, 10 Avalon Ln., Matawan, NJ 07747

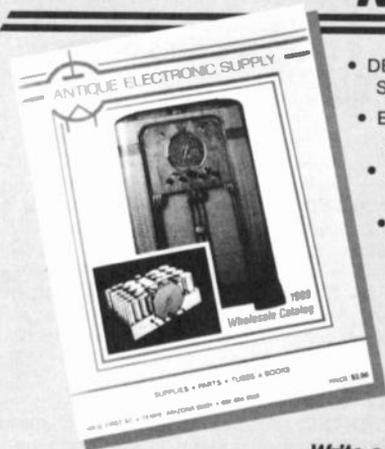
FOR SALE: Radiola Special, good cond. - \$525. Radiola IV, exc. cond. - \$550. Morris Kratz, 2208 Grand Blvd., Cedar Falls, IA 50613. Call after 7 pm: (319) 268-1428

WANTED: I am interested in obtaining a WWII vintage 16-inch transcription turntable and tone arm, in useable or repairable condition. Please send description, information, and cost to: Russ Meyers, 630 Stoneledge Rd., State College, PA 16803. (814) 234-3785, eves.

WANTED: Alternator (Alexanderson or otherwise) for producing CW RF power, any frequency. Mike Mruzek, 12941 Welch Rd., Britton, MI 49229. (517) 451-4475

FOR SALE: Atwater Kent Type E2 speaker, works, bottom edge of cone slightly rough - \$14. Atwater Kent Model 35 junker - \$12. Ten good pear-shaped-bulb 01-A's - \$35. Brass base, bad UV99 - \$4. **WANTED:** Grebe CR9 audios & cabinet. Arthur Harrison, 501 Arbor Dr., Columbia, MO 65201. (314) 474-8729

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WANTED: Collecting 201A and pre-1934 boxed tubes. Send SASE for my want lists. Steve A. York, 1100 Byrd St., Melbourne, FL 32935

FOR SALE: Weston 502 panel meter, 7" with a pointer - \$20. Wallensak recorder T1500 - \$30. ATR power supply EL10, provides 6 & 12 volts - \$30. S. Goldhor, 1014 B St., Hayward, CA 94541. (415) 537-5149

WANTED: Radionics, electro-magneto-therapy and unusual healing devices. Antique, modern. Examples: Abram's reflexophones and oscilloclasts. Drown's radio-therapy apparatus. Electric-magnetic belts, rings, corsets, medallions, insoles. Hair-growing hats (including Crosley's Xervac). Perkins magnetic tractors. Shaking, electrifying chairs. Electrifying bath. Electric acupuncture. Neurometers. Devices restoring manhood, hearing, sight; removing pain, rheumatism, cancer; hypnotising. Literature. Describe, price. Not interested in common 4D-faradic batteries, "Electrects," UV lamps, Relaxacisors, small vibrators, violet rays. Ole Lindan, 1404 Dorsh Rd., Cleveland, OH 44121

FOR SALE: R-390, R-390A and similar radios, reconditioned. Send \$2 for list. Paul V. Zecchino, PO Box 461, Wakefield, RI 02880.

WANTED: WWII German communication radio equipment and any other WWII German electronic equipment, optics, mine detectors, movie cameras, or German or U.S. microphones. Write to: Steve Puntillo, 1911 Rowley, Madison, WI 53705. (608) 233-1569

FOR SALE: Telefunken Orchestra 53 - \$275. Speakers AKE2, AKE3. Western Electric 523. Brandes, model unknown, coils good - \$75 ea. Premier horn, Peerless series E, RCA Radiola UZ-1325, Magnavox M1A, Stewart-Warner horn untested - \$70 ea. Hallicrafters S95 VMF rec. - \$75. Emerson TV - \$100. RCA TV Model 2T51 - \$50. Webster Chicago Model 228-1. Wire recorder - \$35. Used TV & radio tubes. Service manuals. Radio magazines. Shipping extra.

Mrs. J. Notaris, 1100 Welsh Rd.
Ambler, PA 19002. (215) 646-3631, eves.

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FOR SALE: Phono needle replacements: any magnetic - \$14, any ceramic - \$6. Large selection. Steve Karpiak, 1333 Madison St #9, Hollywood, FL 33019. (305) 587-6720, (305) 923-2336, nights

WANTED: Transistor radios, 1950's/early '60s pocket-size type. Send close-up photo, Xerox image, or rough sketch with price to: Roger Handy, PO Box 24527, Los Angeles, CA 90024. (213) 451-4040

CLASSIFIED AD DEADLINES

Nov. 10 for Dec. 1988 Issue

Dec. 10 for Jan. 1989 Issue

Jan. 10 for Feb. 1989 Issue

WANTED: Owner's manual and alignment information for a Scott Model 16A Metropolitan. Photocopies OK. Fran Mayer, 89B N. Main St., S. Norwalk, CT 06854. (203) 579-7975

FOR SALE: If your travel plans take you through Cleveland, Ohio, be sure to call for availability of old radios and equipment. At present have large stock of radio test equipment from the 1940's & 50's. Also misc. ham and military equipment. All items in storage and can be seen by appointment only. Gary B. Schneider, 9511 Sunrise Blvd., #J-23, N. Royalton, OH 44133. (216) 251-4070, days, Bob, or (216) 582-3094, nights, Gary

WANTED: Austrian collector buys any crystal set up to \$100. Erwin Macho, Ambrosweg 17/A/8 A-1230 Vienna, Austria

Wanted

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(800) 228-7833

CLASSIFIED ADVERTISEMENTS

FOR SALE: RME 60, old, hot, except 160 meter band poor, panel mount—\$95. Antique transmitter crystal grinding outfit—\$25. Loose coupler replica, interesting construction—\$35. Early 1920 transmitter power supply for 202 and such, good quality. Trade Road & Track collection for antiques. All plus UPS. Polaroids—\$1 ea. Paul C. Crum, W9LC, 6272 N. Cicero Ave., Chicago, IL 60646. (312) 282-3033

FOR SALE: Over 300 Sams Photofact folders, all in drawers. From below #200 for many old radios and TV—\$175 plus shipping. **WANTED:** Chassis and speaker for Model 60 Philco. Bev Ritchie, 5 E. Garland, Fresno, CA 93704. (209) 229-1212

WANTED: McIntosh AE-2 preamp. Scott 710 turntable. Marantz Model #1 preamp. Also looking for other unique tube hi-fi components. Jack Smith, 288 Winter St., N. Andover, MA 01845. (508) 686-7250

WANTED: Military radios: WW2 German, Japanese, Italian military radio apparatus and anything related. Also—some U.S. military, forest service, and aircraft radio types pre-1950, examples: AN/ARQ-1, ARR-16, BC-224 or 348 thru suffix C, BC-1139, MBM, PPN-1, RAX, TBX, TBY. Manuals wanted: TM-11-161, SIG-5 any TM-E, SIG-E, AN/ARQ, in fact just about any publication or printed matter 1938-1946 dealing with communications, communication equipment, broadcast programming and stations, or aviation, is of interest. What have you? Thanks. Hugh Miller, KA7LXY, 6400 Maltby Rd., Woodinville, WA 98072-8375

CLASSIFIED ADVERTISEMENTS

FOR SALE: Very unusual Weathers Co. hi-fi turntable with wooden tone arm. Make offer. Arthur Fox, 5 Downing Rd., Lexington, MA 02173. (617) 862-6352

WANTED: Dial glass for FADA Series 252 (see Golden Age, p. 67 top right). **Scottie McElroy**, 2309 Driftwood, Apt. 1007, Mesquite, TX 75150. (214) 279-6138

WANTED: Dial scale Philco Model 610. Three band or junker with good dial. E. G. Zumwalt, RR 4 Box 267, Kankakee, IL 60901. (815) 935-2578, eves.

WANTED: Dial glass/scale for RCA K80. Power transformers for Philco 18 and Delco R-1117. Bill Dawson, 300 Washington Trails, Washington, PA 15301. (412) 746-9042

FOR SALE: Volume controls for old radios and early stereo or TV. Send description of control (set name & model #, desired resistance, part number, shaft style & length, AC switch or not, etc). Partial stock list available, SASE. Mark Oppat, 167 Caster, Plymouth, MI 48170. (313) 455-4169

FOR SALE: 7JP4, 8BP4 & 7EP4 pix tubes, believe all N.O.S.—\$40 ea. or \$100/all. Grunow 15w and 12w teledial chassis—\$25 ea. Kennedy 30 AC chassis, needs tuning shaft, works—\$20. Speaker reconing for electrodynamics—\$4/inch diameter, \$20 minimum. Send SASE. Mark Oppat, 167 Caster, Plymouth, MI 48170. (313) 455-4169

CATALIN RADIOS WANTED

Chuck Listrom
Box 12081

Kansas City, MO 64152
Telephone: (816) 741-2578

CLASSIFIED ADVERTISEMENTS

FOR SALE: Run of Radio News, between 1919 and 1928. SASE for list. Will be available as a lot until Nov. 30, 1988, then as separate issues if not sold. **WANTED:** AK 10 breadboard. Mercury Super 10. Richard C. Foster, 12 Shawmut Ave., Cochituate, MA 01778. (508) 655-2056

FOR SALE: 30-day sale: New tubes in original cartons - \$1.50 each. 1X2, 2BN4, 2CY5, 2FS5, 3AL5, 3AU6, 3BC5, 3BN6, 3BU8, 3BZ6, 3CB6, 3DK6, 3DT6, 3Q4, 4BC8, 4BQ7, 4CB6, 4EH7, 5AN8, 5AQ5, 5AT8, 5BK7, 5BQ7, 5BR8, 5CG8, 5CL8, 5T8, 5X8, 6AG5, 6AH6, 6AQ6, 6AS6, 6AT8, 6AX5, 6BA8, 6BC5, 6BC7, 6BC8, 6BH8, 6BK7, 6BN4, 6BQ7, 6BY6, 6BY8, 6CB6, 6CG7, 6CL6, 6CQ8, 6CS6, 6CZ5, 6DE6, 6DR7, 6DT5, 6DT6, 6DZ4, 6ER5, 6FH5, 6FV6, 6KA8, 6S4, 6V3, 7AU7, 12AD6, 12AF3, 12AX4, 12BH7, 12BQ6, 12BZ7, 12CA5, 16AQ3, 19J6, 25CD6, 25EH5, 35Z3, 50HK6. Add \$2.40 shipping (Wisconsinites add 5%). Don Diers, 4276-A8 North 50th St., Milwaukee, WI 53216-1313

WANTED: Sparton Model 506 Bluebird. Tom Roesch, 9613 Kelly Ct., Indianapolis, IN 46231. (317) 839-5983

FOR SALE: GE K-80 (F.O.S., p. 90). Zenith 95262 shutter dial console. Best offers. Jim Sherbahn, 137 Farmington Dr., Woodstock, GA 30188. (404) 924-3135, before 10 pm

FOR TRADE/SALE: Radio City Products dependable tube checker Model 303A. Want lapel pins/BB cards. Harry Gursh, 2935 W. 5 St., Brooklyn, NY 11224

CLASSIFIED ADVERTISEMENTS

FOR TRADE: Gold-plated WE 416B lighthouse tubes for 2C43 type. Jack A. Freeman, 1206 Sunnycrest Dr., Reidsville, NC 27320

WANTED: Schematic and operating manual for Eico Model 147A signal tracer. Roger Gamard, 4728 14th Ave. S, Minneapolis, MN 55407. (612) 827-2222

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SUB #
MANY THANKS!!!!!**

FOR SALE: Excellent: AK Model 20L. AK Model 20C. AK Model 35. AK Model 33. Russell Schoen, E7340 Nietzsche Rd., Clintonville, WI 54929. (715) 823-6744

WANTED: Looking for chassis for a Maestic Model 194 cathedral. P. Burton, 39 E. Walnut St., Belchertown, MA 01007. (413) 323-5019

WANTED: Close-up photos/dimensions for table reconstruction of Model 48 American Bosch three-piece cabinet (Douglas, Volume 1, p. 36; large photo). Don Catton, 609 10th St., Silvis, IL 61282

WANTED: Early quack medical violet ray devices. Also ring microphones and parts. Richard Cane, 8391 NW 21 St., Sunrise, FL 33322. (305) 741-6838

WANTED WESTERN ELECTRIC TUBES, SPEAKERS, HORNS & AMPS

TUBES: 300A, B, 274A, B, 262A, B, 275A, 350B, 284D, 252A, 271A, 242A, 348A, 349A, 301A, 339A, 205D, E, F, VT52, VT1, VT2, 211, 212, 104D, 216A.

SPEAKERS: 555, 594, 596, 597, 713, 754, 755, 728, 4151, 4153, 4181, 4194, 753, 757.

HORNS: 22, 24, 26, 25, 12, 6368, 15A, 13A.

AMPLIFIERS: 86, 1086, 91, 22, 94, 95, 105, 106, 120, 121, 130, 131, 124, 129, 142, 143.

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11122 ATWELL
HOUSTON, TX 77096**

TEL: (713) 728-4343

CLASSIFIED ADVERTISEMENTS

FOR SALE: TV booklet "Through Electrical Eyes," 1928 Bell Labs, 40 pgs., photocopy - \$4.50 ppd. **FOR TRADE:** Crystal set, Signal Corps BC-14A, 1918, for an early or unusual telegraph key. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405. (707) 539-1883

WANTED: Working National SW-3 receiver with coils. R.L. Kurth, W5IRP, 403 Mantooth, Lufkin, TX 75901

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WANTED: Any chassis for Crosley Model 48 (Wigit). Alexandria Nelson, 9225 Evangeline NE, Albuquerque, NM 87111. (505) 291-9468

FOR SALE/TRADE: ICOM 402 432SSB Oscar tcvr., Nye/Viking keyer. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

CLASSIFIED ADVERTISEMENTS

WANTED: Magnavox decal. Front panel for a Westinghouse AC amplifier. AK crystal detector. Marc Ingenthron, 9748 Outlook, Overland Park, KS 66207

WANTED: Gen. Radio 511 Syncro-Clock, 615 heterodyne freq. meter, other early frequency standards. Will Jensby, W0EOM, 645 Giannini Dr., Santa Clara, CA 95051. (408) 296-6071

WANTED: Espey, Transvision & other antique TV's. Midwest radios. Bernard Sampson, 2905 Rusk, Houston, TX 77003. (713) 228-6741

MESSAGE: 50th Anniversary of the SCR-268 Radar - September 25, 1938; of the SCR-270 - Feb. 13, 1939. Radarhist, Don Helgeson, PO Box 3087, Skokie, IL 60076



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Knobs, Philco
Part #54-1504,
used on most
1940's
Philcos.
Robert
Wiczkowicz,
PO Box 86,
Craryville, NY
12521. (518)
325-5307

WANTED: Working chassis for a 1938 Zenith 5J-217. Has a 5" black dial. Richard Arnold, PO Box 275, Lone Grove, OK 73443

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CLASSIFIED ADVERTISEMENTS

FOR SALE: Ace Type V - \$120. Crosley 52 - \$120. Horn crystal set - \$125. Western Electric 518 horn speaker - \$75. Add UPS. Bryan Laughlin, 3450 Chili Ave., Rochester, NY 14624. (716) 889-2341

WANTED: Black cabinet for Hammarlund Super Pro chassis and power supply. Bill Coolahan, 1450 Miami Dr., NE, Cedar Rapids, IA 52402

WANTED: Telegraph instruments of all kinds, especially early keys. Also want telegraph call boxes, signs, and pre-1900 telegraph books. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405. (707) 539-1883

FOR SALE: Hallicrafters Model S-41W communications receiver, white, 3 bands, works - \$45. RCA automatic card type tube tester Model WT110A - \$40. Westminster chiming mantel clock - \$60. Skyrover Model C-10 cathedral radio, walnut, works good - \$80. Triplett miniature Model 310 VOM with case - \$20. Four-gang variable tuning condenser with dial, broadcast band - \$10. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

FOR SALE: BC-348 - \$40. TV-7A tube tester - \$35. Zenith Trans-Oceanic - \$55. Heath AT-1 - \$75. Ron Follmar, 1409 W. Willis, Alvin, TX 77511. (713) 331-1074

WANTED: Rider's Volumes No. 1, 2, 3, 7, 9, 19, and 20. Will buy or trade. I have Volumes 11, 12, 13, 14. Submit your best offer. L.A. Mann, 3130 N. Druid Hills Rd., Decatur, GA 30033

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CLASSIFIED ADVERTISEMENTS

FOR SALE: 1961 Scott equipment. LT110 tuner. LK48 amplifier. S-3 speakers. Type A Garrard turntable. Herb Parsons, 5 Surrey Ln., Peabody, MA 01960. (508) 535-1009

FOR SALE: 1935 RCA Victor Service Notes for 1935, 551 pages, 66 models - \$35 ppd.; spring wound Code Instructograph 10 paper tapes - \$30 ppd. Thomas Pollock, 243 West Lime Ave., Monrovia, CA 91016

SEND ALL A.R.C. MAIL TO
Antique Radio Classified
P.O. Box 2, Carlisle, MA 01741

WANTED: "Guild" radios: teapot, sewing kt, etc. Abbottwares horse radios. Other novelties. Gerald Schneider, 8750 Georgia Ave., #1410-B, Silver Spring, MD 20910. (301) 565-2840

FOR SALE: 30 small table radios in plastic, bakelite and wood cases, good condition. SASE for list. Wally Worth, 2 W. Elm Ave., Wollaston, MA 012170

WANTED: Bosch 585, 595, 695. Exc. condition, need not work. Have 585 chassis, need tombstone cabinet for it or another 585. Please save all Bosch. They're interesting and equal to Zenith in quality. Many have variable selectivity IF, shadowgraph tuning indicator, push-pull audio, TRF stage, separate local oscillator, SW and LW bands, bandspread dials, etc. Want Bosch literature. Romney, Box 446, Drayton, SC 29333 (803) 583-3081



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WANTED: Hand-crank phonographs; complete, incomplete or parts. Please state condition and price. J. L. Acciavatti, PO Box 231, Southborough, MA 01516. (508) 476-3229, evs.

FOR SALE: Triumph oscilloscope 841 - \$40. LP5 General Radio signal generator, Navy - \$90. Heath electronic switch S1 - \$30. RCA TV calibrator WR89A - \$35. Heath oscilloscope O5 - \$40. Hallicrafters S-25 shortwave set - \$90. Sprague Telemike TO3 - \$25. Wollensak tape recorder T1500 - \$30. Akai M7 stereo recorder - \$80. RCA TV sweep generator WR-59C - \$20. Tools & grommets to repair wafer switches - \$30. Magnet wire 38 to 49 - make offer. Heath voltage calibrator UC2 - \$20. Weston 7" panel meter - \$19. Rubicon Wheatstone bridge - \$35. S. Goldhor, 1014 B St., Hayward, CA 94541. (415) 537-5149

CLASSIFIED ADVERTISEMENTS

FOR SALE: Wireless Experimenters Manual by Elmer Bucher, 1920, good condition - \$25. Stu Mount, K20A, 35 Grand St., Highland, NY 12528. (914) 691-7957

FOR SALE: Federal #65 audio, open - \$5. Federal #31 IF xfmr., good - \$15. Magnavox internal horn and driver, good - \$20. Crosley Pup w/good 199 - \$175. Crosley small musicone, repaired, works - \$25. Crosley wood book condenser - \$15. Crosley 4-29, w/tubes - \$120. Kennedy 521 amplifier cabinet - \$40. Early transistor bottle radio, 6" tall - \$40. Plus UPS. Crocker, 6 Old Farm Rd., Duxbury, MA 02332. (617) 585-5650, before 10 pm

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EARLY RENEWALS
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FOR SALE: Brass horse radio with wooden base. Brush Mail-A-Voice, unique disc cutter, portable. Stromberg-Carlson 412H, good. T.I. Starburst, first analog electronic watch, in original box. N.O.S. 12UP4 CRT, for 12" Zenith porthole TV. RCA 8775 3-inch image Orthicon camera tube. **WANTED:** GE Model UHF-101 UHF translator/converter. Zenith Disc Jockey record player attachment. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

WANTED: Copy of manual for Knight T150 transmitter. Will pay shipping/reproduction costs. John McCarty, N9HRT, 1524 George St., Downer's Grove, IL 60516. (312) 969-5297

WANTED

Top Prices Paid

Radio & Audio Tubes: 2A3, 45's, 50's, 845, 8005, KT66/88, etc.

Western Electric Tubes: 101, 102, 104, 203, 305, 211, 212, 242, 244, 252, 262, 264, 271, 274, 275, 276, 284, 285, 300, 301, 310, 339, 345, 347, 348, 349, 350, 421, 422, VT25A, VT52, etc.

W.E. Speakers & Tweeters: 555, 594, 595, 596, 597, 713, 728, 754, 755, 756, 757, TA4151, 4153, 4181, 4191, 4194, etc.

W.E. Consoles & Amps: 25B, 41, 42, 46, 86, 91, 92, 94, 95, 105, 106, 117, 118, 120, 121, 124, 129, 130, 131, 142, 143, etc.

W.E. Horns: 22, 24, 25, 26, KS-6368, 12024, 12025, 12027, etc.

W.E. Microphones & Parts, etc.

Also looking for:

*Tube-type equipment by McIntosh, Marantz, Westrex, Langevin, Altec, etc.
Vintage speakers, units, by Jensen, Altec, JBL, Tannoy, etc.*

**Audio City USA, PO Box 832, Monterey Park, Ca. 91754
(818) 701-5633**

CLASSIFIED ADVERTISEMENTS

WANTED: 1920's Indiana-made AC, battery, and crystal radios such as Amacodyne, American, Aladyne, Allison Pickett, Cardinola, Case/Hyperdyne, Diamond-T, Elmco, Guerrier, Hammond, Hancock, Hatfield, Huntington, Imperial, King Cole/Everyhome, Lyradion, Melody, Oakley Grand, Okay, Queen Quality, Sinclair, Showers/Future, Skylark, Slagle, Tidmarsh, Tilman/Challenger, Vizo, and Washburn Burner. 1930's radios such as Arvin, Capehart, Case, Code, Davis, Fairbanks Morse, Jesse French, Kennedy, Kingsten, Lark, Slagle, Star Raider, Victory, Wilson & Wren. Also looking for McMurdo-Silver radios. All models in any condition. From excellent to total junk. Michael Feldt, 12035 Somerset Way E, Carmel, IN 46032. (317) 844-0635

WANTED: Bearcat 350 alpha/numeric scanner, must be in excellent operating condition. Also instruction manual for same. Leads gratefully appreciated. Richard L. Phillips, 1919 Las Tunas Rd., Santa Barbara, CA 93103

FOR SALE: Philco Model 70 cathedral, excellent. Two old telephones. Russell Schoen, E7340 Nietzsche Rd., Clintonville, WI 54929

FOR SALE: QST magazine collection from 1924 to 1965. Most years complete. Send SASE for prices and condition. Rhyne Killian, 129 Mill Rd., Chelmsford, MA 01824. (508) 256-0853

WANTED: Prewar Scott radios without the cabinet but with front wooden face plate. Set can be partial or complete. Michael Feldt, 12035 Somerset Way E, Carmel, IN 46032. (317) 844-0635

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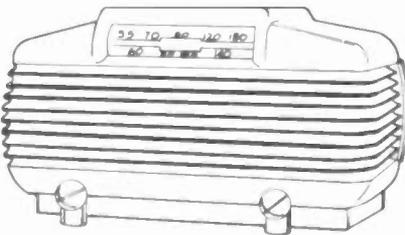
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WANTED: Antenna for Philco Predicta #G4242 table model. Will buy junker for parts. R. Counts, 11612 Dorchester Dr., Dallas, TX 75218. (214) 242-6581, eves.

WANTED: 1-tube Pennsylvania Wireless regenerative radio and 17" ship speaker usually made by Tower, good condition. Top price paid! John Case, 255 Lawrence Ave., Columbus, OH 43228

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FOR SALE: Crosley #5M3, wood, 1934 - \$125. American Bosch #5A, 1931, wood - \$70. Echophone #S3 1930 cathedral - \$225. Zenith #5L03, 1953, bakelite - \$35. All nice + P&H. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, eves.

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FOR SALE: Antenna for DeForest portable Type D10 (V.R., p. 84). R. D. Chenez, 47 Lake St., Apt. A605, Gardner, MA 01440

WANTED: Ballast tube or ballast tube number for Sonora model A-32. Good tubes needed: Sonora SO-1's, RA-1's, RE-1's, DE-1's, Eveready 226's, 171-A's, 280's. Schematics needed: RCA Model T6-9, Stewart-Warner shortwave converter Model 301-A. John Swett, 8116 Olmway, Olmsted Falls, OH 44138

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WANTED: Wireless equipment and literature, antique tubes. Pictures helpful on equipment, will return. Marc Gottlieb, Box 1112, South San Francisco, CA 94083

WANTED: Books, manuals, literature on pre-WWII aircraft radios, McMurdo, Zenith transistor Trans-Oceanics, BC-14A, SCR-195. Need SCR-195 antenna AN-30, BA6, battery. James Treherne, 11909 Chapel Rd., Clifton, VA 22024. (703) 830-6272

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FOR SALE: Rider radio manuals Vol. 6 to 14 - \$18 ea. NRI (Rider) Vol. 1 - \$35. RCA Vol. II 1938 to 1942 - \$25. Howard Sams low #'s in stock. RCA 100-A speaker, needs clean up - \$25. AK E3 speaker, tear in cone - \$25. Radio City tube tester Model 308 with instr. book - \$25. Heathkit Con Checker Model C-3 with instr. book - \$20. Paco C-25 in circuit cap tester, no instr. book - \$18. Century in circuit condenser tester w/instr. book, Model CT-1 - \$15. Have 1000's of unlisted radio parts, tubes, service manuals, knobs, speakers. No list. Write wants. SASE for reply. Shipping extra on all items. Min. orders - \$7.50. Radio Service since 1930. SASE for 4-page list. Krantz, 100 Osage Ave., Somerdale, NJ 08083

WANTED: Early superhet using Seectone transformers. J. Clark, PO Box 585, Okemos, MI 48864

FOR SALE: Silver Marshall table radio, tombstone, walnut case, some inlay, complete but not working - \$185. Mike Patella, 14790 SW 14 St., Davie, FL 33325. (305) 473-8641, eves.

WANTED: AK breadboard parts for Model 10 (#4550 brown), including potentiometer and 2nd RF amplifier assembly complete and in good condition. AK horn speaker Model M. AK breadboard Model 5. AK instruction manuals, publications & promo items; also for Crosley and Radiola. Cabinet and/or spare parts for King Model 80. Chassis and spare parts for David Grimes Type 5-B. George R. Francis, Jr., Suite 801, NCNB Plaza, 7 North Laurens St., Greenville, SC 29601-2744. (803) 235-1025, call collect

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RCA

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RD (Resistance-coupled "DA")
ER-753 Crystal Set, DB Crystal Detector

As it may be a long time before I find some of the sets listed in these ads, remember to call me when you can part with yours. I am putting together a collection of early broadcast and wireless equipment and adding to it each month. I buy single sets or collections. Also: books, catalogs, manuals and other related documentation.

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John V. Terrey, 498 Cross Street
Carlisle, MA 01741 - (508) 369-9770

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WANTED: Copy of instructions/schematic for GR1310A osc. Precision B12 power supply. Supreme 339 analyzer. **FOR SALE:** HP525A converter - \$12.50. Harry Pewowaruk, 1535 No. 8th Ave., St. Cloud, MN 56303. (612) 252-9910

WANTED: Schematics for Panasonic AM-FM tape Model RS252S. GE TV Model M213BWD. Wards 15BR1535B. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506

WANTED: Any Scott radio in this cabinet. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249



FOR SALE: Mallory Inductuners 54-216 MHz 3-gang variable inductor only - \$12 shipping prepaid. Same, but 470-890 MHz, also - \$12. Mallory Inductuner unused w/3 tubes, no dial scales - \$25 prepaid. Same used w/o tubes - \$12. R. J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477

WANTED: Air King bakelite radios, novelty and character radios, Hopalong Cassidy, Lone Ranger, and others. Jerry Finamore, 310 Ellwood St., Easton, PA 18042. (215) 253-3608

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WANTED: A Catalin radio, fine or better. **FOR SALE:** Monitoradio frequency modulation Model MR-33, grey metal, 3 black knobs, six tube, 12"x9", fine - \$59. Zenith white bakelite, square, black dial, black knobs and handle, good, plays - \$58. Crosley brown bakelite, small slant front, 4 push buttons, fine, plays - \$65. Zenith brown bakelite, both ends bullet-shaped, fine, plays - \$65. Singer Compendy batt. radio, wood, fine, plays - \$48. Pfanstiehl overtone batt. wood radio with wood, 16" diam., matching speaker - \$65. Edison Mabry, 715 W. Longview, Mansfield, OH 44906

FOR SALE: Supreme Beitmans most often used radio diagrams, 1941-1957 - \$8 ea. plus shipping. Art Albion, 440 69th St., Niagara Falls, NY 14304. (716) 283-4387

FOR SALE: Freed-Eisemann NR6, Day-Fan OEM7, Crosley 52, restored and operating. LSASE for prices and photos. Leo Robinson, 879 S. Town & River Dr., Ft. Myers, FL 33919. (813) 489-1591

WANTED: Fisher Model #50-F mono hi-low filter. Bruce Leslie, Pro Recording, 13709 Maple Leaf Dr., Cleveland, OH 44125. (216) 662-1435

FOR SALE: RCA 10" porthole TV Model 9-T-246, good orig. cond. - \$75. Zenith Turret tuner - \$20. Old car radios - \$20 ea. RCA Radiola 17, good orig. cond. - \$75. Grundig SO-183 WE amp. tuner & reel tape deck, chassis only, exc. cond - \$40 + UPS. Robert Sticher, 1992 Nome St., Aurora, CO 80010. (303) 366-1495, after 6 pm

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FOR SALE: Working Hallicrafters S-40B - \$50 + UPS 32 lbs. Nonworking Minerva Tropicmaster - \$25 + 20 lbs. UPS. Zenith G500, nice, plays - \$75 + 22 lbs. UPS. Other table models of late 1940's to 1960; good, bad and terrible. Calendars for 1989, jukebox and radio versions. Good capacitors, pots, xfmrs., speakers, tubes for AC and AC/DC repairs. Tubes new and used from 25¢ up. Lots of odd-ball trash and treasures but no Catalin, no cathedrals, no battery sets for sale. Free list available. Sue Coulter, 4200 Prince St., Bak-ersfield, CA 93301

WANTED: Junker National NC-2-40 and AGS receivers. Hallicrafters Sky Buddy S-19 (not S-19R). John Nagle, 12330 Lawyers Rd., Herndon, VA 22071. (703) 620-3066

FOR SALE: Stromberg-Carlson tuner SR402B and audio amplifier SAU33, working condition - \$80 plus UPS. Harry Cap, 190 Beach St., Bridge-water, MA 02324. (508) 697-8648

FOR SALE: 60 years collection: Catalogs, flyers, radios, phonos, ham, parts. 48 pages - 45¢ LSASE. F. Yonker, W21BH, 7 Old Farms Rd., Saddle River, NJ 07458. (201) 825-1895

WANTED: Novelty, unusual and advertising tube-type radios. Ken Zander, 447 N. Second St., San Jose, CA 95112. (408) 286-1104

WANTED: Old crank phonographs, junk ma-chines and parts, any condition. Dave Faehnrich, 8215 Stone Rd., Independence, OH 44131. (216) 447-0837

CLASSIFIED ADVERTISEMENTS

FOR SALE: Garod maroon & yellow Catalin. Gloritone cathedral. Coca-Cola cooler radio. Send SASE for list. Jerry Finamore, 310 Ellwood St., Easton, PA 18042. (215) 253-3608

FOR SALE: Catalin and bakelite radios. SASE for list. David Brenner, 71 Burdette Rc., Atlanta, GA 30327

WANTED: Schematic or manual for Heathkit XO-1 electronic crossover. Bob Deuel, PO Box 1181, Medford, OR 97501

WANTED: I have a passion for Deco and mirrored glass radios from basket case to mint, especially Spartons. Paying higher than most serious collectors. Write or call me last. Thanks. Ed Sage, Sentimental Journey, PO Box 1234, Benicia, CA 94510. (707) 746-5659

WANTED: Davco DR-30 ham-bands S/W receiver. Albert Faragher, KC9IV, 318 W. 3rd Ave. N, Aurora, MN 55705

FOR SALE: Ballast Tube Handbook - \$8. Ballast Tube Substitution Guide - \$7 ppd. USA only. Both list well over 2700 tubes, American And Euro-pean. Anthony Jacobi, 8053 Maywood St., Ralston, NE 68127

FOR SALE: Stan's Surplus Radio Stuff for radios, speakers, tubes, novelties, parts and information on reactivating old tubes in my Sterling unit. **WANTED:** 75 millihenry choke for Dwell Ta-chometer. Stan Lopes, KB6LGV, 1201-74 Monu-ment Blvd., Concord, CA 94520. (415) 825-6865

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FOR SALE: 1950's Gonset tube-type transmitter/receiver, 12v-DC/115v-AC, 16 tubes included, instruction book, very clean set, untested. Will somebody make me an offer? Shipping weight 25 lbs. Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

WANTED: We are looking for bakelite, celluloid and plastic radios unrestored but complete and not cracked, also complete collections, payment in cash. Please send pictures to: Old Smc, Via Duchessa Jolanda 13/A, 10138 Torino, Italy. Phone: 011-39-11-830417

FOR SALE: Admiral 7T10E-N - \$35. Philco 46-350 - \$40. Zenith 6D015 (Collins, p. 71, upper left corner) - \$50. Silvertone, wood case/eye 101-527 - \$50. Coronado 43-6301 - \$35. Farnsworth ET-066 - \$60. Motorola 69L11 - \$35. Woolaroc, ivory, nice 3-9A - \$65. Regal 135-104X, nice - \$40. **WANTED:** Case for a Gloritone, stepped top. Chassis for Grebe MU-1. Case for 3-dial Thorola. Case for Radiola 20. Chassis for Clarion Jr. Cathedral case for a Mayflower. Buyer assumes all responsibility connected with operation. All plus UPS. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635, after 5 pm PST

WANTED: Military, government, forest service, and aircraft radio equipment, and related items, before 1950. My main interest is in any WW2 German, Japanese, and Italian equipment. I'm also interested in some U.S. mobile or air equipment, examples MBM, MC-2, PPN-2, RAX, TBY, PRC-5, BC-224/348-thru letter C. Also interested in paper from the 1938-1946 era: equipment brochures, manuals, radio and aviation magazines, broadcast program guides and station lists, SWL publications. Thank you! Hugh Miller, KA7LXY, 6400 Maltby, Woodinville, WA 98072-8375

FOR SALE: Price + UPS compute & send ck. or SASE for additional items. Oscillator, Gen. Radio, Type 1210-P1, 1957 vintage, 20Hz-500kHz, fine, w/manual #15 - bid. Phonograph arm, Stromberg-Carlson, old, w/Pickering V-15/AME-1 cartridge, 2# - bid. Speaker, Philco Mod. H w/output trans. torn cone, #16 - bid. Telephone/telegraph, official Boy Scout field telephone set, one pr., American Electric, #5 - bid. Wm. Arnold, 27832 Lincoln Rd., Bay Village, OH 44140. (216) 835-0520

WANTED: Simple kit radios and gizmos: 1960 Knight (2) transistor DXer, Philmore 1 and 2 tubers, Revell (model co.) shortwave kit, GE clear plastic box radio kit, Western Radio Co. toys, Mattell clip-on belt CB, 1930's kit regen. shortwave radios. What have you? Hugh Miller, 6400 Maltby, Woodinville, WA 98072-8375

WANTED: Pre-1955 TV's and related literature. **FOR SALE:** Rider radio and TV manuals. Richard Anthony, 2551 Andler Rd., Placerville, CA 95667

CLASSIFIED ADVERTISEMENTS

FOR SALE: Cleaning out shack, 55 years accumulation of radio receiving and transmitting and transmitting parts including tubes, fixed and variable capacitors, modulation and power xformers, tube sockets, airwound wire inductors, wire and switches. Send LSASE for complete list. Carleton Burt, W1GZX, 6 Samoset Ave., North Haven, CT 06473

FOR SALE: Audio: Pair Altec 604E in 620C, cabs. mint. Bozak 310 in cabs., pair. University 312's, gold & green, from 50's, in cabs. - \$175/pr. University 312's, grey, from 60's, no cabs. - \$100/pr. Set Bozak 3 ways w/crossover - \$175. Altec 230B Mixing console from 50's w/manual, near mint. Harmon Kardon HK 25-C stereo tube amp/bad audio - \$35. Fisher X-101 stereo tube preamp/amp - \$100. Scott 99 mono tube, bad output - \$25. Scott kit stereo tube amp/preamp LK-22, bad power - \$75. Bell 20W mono - \$150. Home brew 2 chassis dark grey Hammertone w/Peerless audio out - \$200. Sony SRA 2 tube record/rep. electronics - \$75. Pioneer SR-202 rebrew, no case - \$30. Sony system selector 3335 - \$150. Croan 700 2TK portable - \$300. Ampex 602 mono - \$100. Scott 410-C sound level meter. SAE 2010 graphic EQ - \$125. Mxr. 2x10 - \$50. BSR 2X10 - \$30. Fisher SA 300 stereo tube amp - \$100. Mastering Lab Crossovers for 604-5 - \$150/pr. Crown tube electronics - \$75/pr. Radio: Freed NR-7 - \$90. Thompson Neurodyne - \$125. Atwater Kent 20 compact - \$125. \$150 w/tubes; AK L horn - \$75 (\$200 both). AK 3CKT tuner. Zenith 755 AM portable - \$75. Sony B-301 port TV with batt. pack, works, near mint. Have 2 Ampex 400 decks. Radiola III, mint - \$150. **WANTED:** Ampex 375 vari-speed, Ampex remote for 351. Vintage mics. Altec M21. Western/Altec 639-A. Sony 37, 57. Newmann/Telefunken U-47, 67, 87 tube compressors by UREI/Altec/Pultec, Eq's, etc. Speakers by WE. Altec amps. Mac, Marantz. Heads for Ampex 351 2TK. SASE for list. Ward Kremer, 301 SW 16 St., Ft. Lauderdale, FL 33315. (305) 524-5652

WANTED: Hallicrafters 7" TV's, any condition to restore. Buy or trade. H.V. xfmr. for 7" Meck TV Model XC-703. T. Romano, 31 Granby Rd., Worcester, MA 01605. (508) 797-5753, eves. (617) 354-9972, days

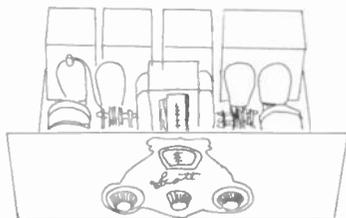
FOR SALE: Rider's TV Troubleshooting and Repair Guidebook Vol. 1, 1952 - \$8, Vol. 2, 1954 - \$10. TV troubleshooters handbook, 1966 - \$6. Rider's TV Troubleshooters and Repair, 1963 - \$8. Anthony's Profitable TV Troubleshooting, 1963 - \$6. 2 QST's, Feb. '55 and Sept. '55 - \$1.50 each. 6 CQ's: July '54, July '55, Aug. '61, Dec. '55, Sept. '55, and Nov. '56 - \$1.50 ea. Arlington AM portable series B3 5-tube radio, cloth-covered wood, looks OK, untested - \$16. **WANTED:** Small radios from the 30's to the 50's in any condition. James Gettelman, N63 W15695 Claremore Circle, Menomonee Falls, WI 53051. (414) 252-3101

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FOR SALE: M. N. Beitman, most often needed television books. Vol. Nos. 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22 - \$3 ea. plus UPS. Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

WANTED: Lid and instruction paper for Aeriola Senior. Assembly instructions for Heathkit EK-2 receiver. Gary Redfield, Rt. 5 Box 415, DeSoto, MO 63020. (314) 586-7871

WANTED: Manual for Hickock Model 800K tube tester, factory wired with 600A circuits. John Walker, 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455



WANTED: This radio for my collection. Go ahead, make my day!! Jim Clark, 1292 Starboard, Okemos, MI 48864

FOR SALE: FADA bullet, maroon/yellow, exc. - \$550. Anthony Scarfogliero, 13 Fourth St., Brooklyn, NY 11231. (718) 858-1231

FOR SALE: Salvage Crosley Model 635, AC chassis, speaker, tubes, original knobs, escutcheon (1935) - \$5 plus UPS. Donald Sochurek, W191, S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

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WANTED: Chrysler or RCA automobile phonographs, parts, or records. Also tube-type automobile radios. Dan Schulz, PO Box 892, Crystal Beach, FL 34681. (813) 785-8733

HELP: Need schematic for Inter-Ocean Radio Corp. P-71 (Sky Rover) and tuning knob for Crosley Model 11-119-U, any color. Bill Allen, 2904 Greenway Dr., Bettendorf, IA 52722. (319) 355-1760

FOR SALE: Cookie Time clock transistor 9v novelty - \$37. Care Bears portable clock radio, 1984, in see-through box, ex-fine - \$25. Budwiser Can 9v radio - \$27. **WANTED:** Motorola Catalin Model 51X16, any color. Edison Mabry, 715 W. Longview, Mansfield, OH 44906

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FOR SALE: New catalog available soon. Over 200 sets & books, magazines, etc. SA2SE to: John Kendall, PO Box 436, Fallston, MD 21047

WANTED: Lincoln radios, cabinets, parts, manuals, etc., especially chromed sets (F.O.S., p. 103). Also need good Arcturus 30, 31, 32, 45 and Wunderlich 6-P tubes. Would Roger Reese with the Lincoln radio please contact me if possible?! **FOR SALE/TRADE:** Blue Arcturus Wunderlich Type 6-N - \$30 ppd. or trade for Wunderlich 6-P. Craig Korpak, 2542 Tuson Dr., Apt. 2C, Drayton Plains, MI 48020. (313) 673-0039

WANTED: Any radio with an SS or RS designation (example: SST-5, RS-6), also accessories, components or manuals of these sets. Gary Cain, 1775 Grand, #302, St. Paul, MN 55105

FOR SALE: Two TV's: Zenith 15" instant heating, Magnavox 27" console. NRI radio course, 50 lessons. Three large transistor radios and parts - \$60. Five Rider's radio manuals, Vols. 11 thru 15 - \$60. Fisher stereo amp - \$5. Edwin S. Halteman, 822 South St., Pottstown, IA 19464. (215) 327-2562

FOR SALE: Excellent Philco 66X8 red marble Catalin. Bob Pizzo, 179 Stony Point Trail, Webster, NY 14580. (716) 671-8976

WANTED: Scott & McMurdo complete radios, chassis, cabinets, and literature. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

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FOR SALE: GE K-80 (F.O.S. p. 90) - best offer. Jim Sherbahn, 137 Farmington Dr., Woodstock, GA 30188. (404) 924-3135, before 10 pm

WANTED: Pre-1950 TV's. Shortwave and Television News magazines. **FOR SALE/TRADE:** Zenith Model 52. Freed-Eiseman FE-15. AK 21. DeWald Catalin, more. SASE. Don Hauff, 9988 107th Ave. N, Maple Grove, MN 55369

FOR SALE: National Radio Model NC46 broadcast and shortwave receiver in good condition and working, 1946 vintage - asking \$50. QST's 1924 to 1966, many years complete. Send SASE for list on condition and prices. Rhyne Killian, 129 Mill Rd., Chelmsford, MA 01824. (508) 256-0853

FOR SALE: Delco Auto Radio Manuals, 2 large binders & stack of loose, covering approx. 1937-55 - \$40. Bendix Auto Radio Manuals, large stack (new), covering approx. 1955-70 - \$25. Complete set of Beitman Manuals, 27 books, covering 1926-67, excellent condition - \$75. Gernsback Manuals, 6 vol., covering approx. 1930-35 - \$35. Shipping extra. SASE. Wilford Wilkes, Box 103, Birsbin, PA 16620. (814) 378-8526

FOR SALE: Send large SASE for list of radio items to include: Rider's 1-17, old magazines, parts, radios (Hopalong Cassidy radio also), misc. goodies. Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 582-3094

FOR SALE: Cathedrals. Philcos 80, 84, 89. Tombstones. Philco 610, Grunow chrome grille tombstone. Ben A. Montabana, 1133 Graham Dr., Birmingham, AL 35214. (205) 798-5289, mornings

WANTED: Case and copy of instruction manual for Electronic Measurements Corporation Model 202 tube ohm capacity tester. Mark Yeshe, 643 Dearborn #2, Helena, MT 59601. (406) 442-1942

WANTED: Amplifier for National Airphone GT-1 monodyne. Cabinet for AK 165. AK BB tube socket w/rheostat. Bob Nicholson, 3423 S. Long, Topeka, KS 66605

CLASSIFIED ADVERTISEMENTS

FOR SALE: Western Electric operator's chair KS-15531, very good condition - \$25. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

WANTED: Emerson Snow White or Mickey Mouse radio. International Kadette Classic and Clockette bakelite radios, crystal sets. Miraco one-tube set. Ecko AD-65. Crosley Widget. **FOR TRADE:** Midwest 37-18 Imperial. Majestic Charlie McCarthy. Arvin and Silvertone Hopalong Cassidy's. Telefunken 33W bakelite cathedral. Gecophone and Canadian Independent Telephone Co. crystal sets. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

WANTED: Chassis for Philco 38-62 table radio. State condition, price. A. J. Long, 2653 Post Rd., Twinsburg, OH 44087. (216) 425-9662

FOR SALE: Philco 84. Remler Model 10-3. Silvertone roundtop. Echophone cathedral. Geneva 30 cathedral. Gloritone 26P. Philco M37-38 batt. Two [?] Airline shadow dial chassis. Dalco Model 32C1 table. Radiola 18 with speaker. Clarion Jr. 320. Airline Model 62.617 teleclad batt. Hallcrafters Models 92, 100, 62, 20. Lyric 9-tube table model. Rider's 6, 7, 8, 9, 12. 129 Hammarlund. 195.05 Grundig. Majestic table model. United Motors tombstone 32-volt English table radio. 1949 Motorola 7" table TV, as is, nice. Philco 66. Silvertone 180. Peter Pan Model 84. 1931. All these, all round tops. Philco Models 20, 20B, 71B, 70, 3761. AK 165. RCA R37. Gloritone. Silvertone carved front. Revere. GE J100. [?] R.D.C. [?] roundtop. RCA 103 speaker. [Call Jim for details; we may have misread part of his ad.] Jim Stratton, N6902 Post, Spokane, WA 99208. (509) 328-8471, after 5 pm PST, weekends any time

WANTED: Receiver for GRC-109 military radio set, black box about 5.5"x6"x9", goes with power supply PP 2685 and transmitter T 784. Tech manuals or schematics for all above, repros OK. For Navy ARB receiver, mount, flex shaft tuning cable, 6 & 8 pin female connectors that connect R1/ARR-1 to ARB. For BC-375 or BC-191, cords CD-142A and CD-141 or connectors PL-64, PL-61 (8 pin), PL-59 (1 pin) all female. Tech manuals or schematics for APX-6 IFF set, R105A/ARR-5 Collins military receiver, BC-176A aircraft transmitter P/O SCR 203 & 209 2.2 to 2.6 MHz radio sets made in 1934 by Allen D. Cardwell in Brooklyn. Repros OK. Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060. (201) 757-9741

WANTED: Top dollar paid for Zenith 15-U-273, also need owners manual for 9S262 (copy OK). Bob Babineaux. Call collect after 6 pm CST, (318) 232-0102

FOR SALE: WE telegraph sounder 3-C, appears to be unused - \$35. 813 tubes - \$5 ea. John White, 212 Marcin Ln., Burnsville, MN 55337. (612) 435-2871

CLASSIFIED ADVERTISEMENTS

WANTED: Weston Model 301 meters. 0-10 VDC and 0-5 amps DC. Bill Boehly, 92 Salem Rd., Rochester, NY 14622. (716) 338-7613

FOR SALE: Steinite spider web interference filter, orig. box - \$25. Kleertone filter - \$20. Murdock tuning cond. w/coils - \$20/3. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456. (314) 735-2945

WANTED: National SW-3, small military radios, DM-33 dynamotor, manual (copy OK) for: Heathkit SG-6 signal generator & 0-7 o'scope. **FOR SALE:** 23 QST's from late 20's. Dozen #43 pilot lamps - \$1.50 ppd. Hawkins Elec. Guide, 2nd Ed. Vol. 8 (wireless) - \$4 ppd. Military manuals. Sheldon Wheaton, KCØCW, 1120 Virginia Ln., Apt. #1, Olathe, KS 66061. (913) 764-5436

WANTED: Junker AK 206 or 376 for RF coils. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR SALE: TCS-14, includes xmtr., rcvr., and accessories, N.O.S. Also, two BC-1000 FM walkie talkies. Larry Baker, 3030 Southland, San Angelo, TX 76904

WANTED: A Musette dial bezel, a Philco 20 cabinet, a Crosley 169 cabinet, a Philco 57C cabinet, a Majestic 515 chassis for a 15A cabinet. Horn speaker bases and drivers, esp. AK, Liberty. I will swap horn speaker parts with you to help us both come up with complete speakers or buy your parts. Bob Barnes, 511 N. Chestnut, Monroe City, MO 63456. (314) 735-2945

CLASSIFIED ADVERTISEMENTS

FOR SALE: Rider's Volumes 1-5 abridged, 6-21. **FOR TRADE:** AK Model 42, works, good condition, for something interesting. **WANTED:** Crosley Model 124 chassis. I will consider junker. Leonard J. Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

WANTED: Wanted bad: Winkler Reichman horn, old style as pictured and Cory phone base and driver, working or not, pictured. Bob Barnes, PO Box 275, Monroe City, MO 63456. (314) 735-2945



WANTED: Service manual, schematic for Grundig Model 2140U. Dial pointer for Westinghouse Model H-370T7. Lee Bates, 39 Radcliff, Springfield, IL 62703. (217) 529-4601

WANTED: A good 1L6 tube and a 50A1 tube for my Zenith Trans-Oceanic. Earle R. Drake, Box 1808, Hyannis, MA 02601

Radio & TV - The Past & The Future (As Reported 40+ Years Ago)

Codel, M., *Radio and Its Future*, 1930. A 1930's look into the future. A collection of articles by 29 experts of the day including DeForest, Grunow, Kolster, Sarnoff, Maxim, Colpitts, Paley, Durstine and Codel. 375 pages with photos.....\$28.00

Dunlap, O.E., *Radio's 100 Men of Science*, 1944. Biographical Narratives of pathfinders in electronics & television. A few of those included: Gilbert, Galvani, Faraday, Loomis, Hughes, Dolbear, Tesla, Hertz, Popoff, Nipkow, Branly, Jenkins, Conrad, Weagant, Kolster, DuMont, Olson. 300 pages with photos.....\$25.00

McNicol, D., *Radio's Conquest of Space*, 1946. A chronological treatment of the early days of radio, the scientists and their inventions. A few of the chapters: Spark Gaps & Oscillators, Wireless Spans the Atlantic, Regenerative Receivers, The Advent of Commercial Radio. 388 pages with photos & illustrations.....\$38.50

Dunlap, O.E., *The Outlook for Television*, 1932. "The purpose of this book is to reveal the romance of television and its commercial possibilities; to record historically the evolution of a new era in radio science; and to explain its magic." 310 pages with photos. Includes 22-page chronology of Radio/TV from 640a.c.....\$24.50

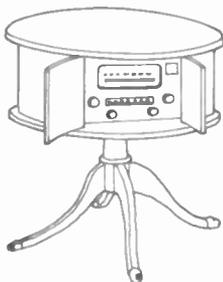
The above are quality reprints. Send for free list of over 50 other book reprints on early radio, television, broadcasting and telegraph also available from A.R.C.

Send payment with order. Mass. residents add 5% tax. Allow 4 to 6 weeks to receive books.
Mail to: Antique Radio Classified, P.O. Box 2, Carlisle, MA 01741

CLASSIFIED ADVERTISEMENTS

FOR SALE: All test equipment on Sept. lot sale now for sale individually. Large SASE for price list. John Martin, 817 Cook, Billings, MT 59101

FOR SALE: GE brown bakelite T100A. Emerson black bakelite 915. Admiral black/white bakelite Y3411. \$15 ea. plus postage. James S. Looney, Rt. 1 Box 54, Grundy, VA 24614. (703) 531-8677, eves.



WANTED: Top price paid for round coffee table type radio, also Radiola 25 loop antenna. Gordon Wilson, 11108-50 Avenue, Edmonton, Alberta, Canada T6H 0H9

WANTED: Good set of 8 bakelite push buttons for RCA Victor Model 96T7 radio. Gilbert Smith, 248 South 36th St., San Diego, CA 92113. (619) 233-8646

FOR SALE: Used radio tubes 20's-30's. **WANTED:** Zenith round dial AC sets. Celluloid horns. Old or unusual U.S. or foreign vacuum tubes. Thanks. R. Dobush, 3554 W. 105, Cleveland, OH 44111. (216) 228-4953, eves.

I PAY CASH for new and used vintage, transmitting and other special purpose tubes. I especially need #50/150/250/350/450, W.E. 252A, W.E. 274 (A,B), W.E. 300 (A,B), W.E. 350B. WA6GJA, Randy Nachtrieb, 6392 Park Ave., Garden Grove, CA 92645. (714) 897-9351

WE'RE STILL HERE! Tubes: "Oldest," "Latest." Schematics. SASE for lists to Steinmetz Electronics, 7519 Maplewood Ave., Hammond, IN 46324

WANTED: Broadcast-type **MICROPHONES.** Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, 160 West 77th Street, New York, NY 10024-6942

FOR SALE: Phono Needles & Cartridges (ceramic - magnetic). What do you need? J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279.

WANTED: Tube hi-fi components by Acrosound, Brociner, Brook, Craftsman, Fairchild, Hadley, Lafayette, Marantz, Pilot, Regency, AR-1 speakers, Audio Engineering/Audio magazines before 1960. Will pay cash and pick up in New England. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

CLASSIFIED ADVERTISEMENTS

WANTED: Complete good chassis for Freed-Eisemann NR-5, including good knobs. I have cabinet. Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

WANTED: Philco hand-decorated "flower" radios: Models 515 (yellow), 514 (green), 513 (gray/black), 512 (red). Philco "flower" speakers: Models 215 (yellow), 214 (green), 213 (gray/black), 212 (red), 211 (brown). Michael Prosize, 3658 Daisy Rd., Daisy, MD 21797. (301) 854-6205

FOR SALE: Acquiring this month several radios for sale/trade. Getting Crosley 50, 51 and 52, Radiola IIIA, loose coupler, two horn speakers that use headphones on base, regular horn speaker, an AK 3925 breadboard (A.R.C., March 1986); an AK 3945 breadboard (A.R.C., Oct. 1986) and misc. radio parts for battery sets. Offers considered on AK breadboards. Have answering machine if not at home. Long distance calls not returned by me, keep trying. Best time is 9-11 pm EST. Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 582-3094

FOR SALE: Battery radios, 1921-1925 models. Send SASE for list with prices and descriptions. Bob Meisenholder, 13900 S.E. 44th Pl., Bellevue, WA 98006. (206) 747-2573

WANTED: CA5, 1050-164 adapter for Hickock 6000, 6000A or 6005 tube testers. Arthur J. Obermeyer, KAØPDC, 5254 Fairview Ave., St. Louis, MO 63139. (314) 351-6991

FOR SALE/TRADE: Bendix green Catalin. French bakelite. Detrola chrome front. Hopalong, red. Big list - SASE. Ripley, PO Box 9374, North St. Paul, MN 55109

WANTED: Hard-to-find "RADIO" Magazines for Oct. 1931, March thru December 1932, January thru March 1933. Les Rayner, 5512 N 71st Place, Scottsdale, AZ 85253. (602) 947-1375

COLLECTIBLES MADE MANAGEABLE: Affordable, computerized inventory services for your radios, TV's, telephones, 78's, parts, stock, books, etc. Know what you have and its value - helpful for buying, selling, swapping, estate planning ... vital for insurance documentation purposes. Package plans to fit your collection's size ... free updating! D.R.K. Computer Consultants, 886 Eggert Dr., N. Tonawanda, NY 14120, (716) 692-3455.

WILL BUY: Wood Speaker Baffles. Antique or unusual wall- or corner-type. These baffles were used in Public Address systems or for background music and usually housed 8" speakers. Will buy any quantity. Send picture or description to: Shanahan Electronics, Inc., 489 Westford St., Lowell, MA 01851.

CLASSIFIED ADVERTISEMENTS

FOR SALE: Fall Specials. Rare Zenith Trans-Oceanic portable radio Model 5-H40 export set, 110-220AC bat., brown front panel, colored band buttons, clean, works well—\$80 WTS. Another AK 40 AC radio, 7 tubes inc., looks fair, works good, real sensitive, (V.R., p. 77)—\$70. Stewart-Warner shortwave converter, 2 tubes inc., (F.O.S., p. 176), cabinet slightly different—\$50. Zenith TV dealers or collectors, am closing out stock of yokes & horiz. output xfmrs. at 50% less than net, in boxes. Send for list. **WANTED:** Crosley Pup, will give it a good home, lots of TLC! Also Crosley 51, 2-tube DeLux, pointed dial, plus other Crosley radios. Wm. J. Key, W1DWD, 58 Sycamore Dr., Halifax, MA 02338. (617) 294-1831

WANTED: Any Type 201 tube in the original box for my collection. I will pay at least \$10 for any molded base and at least \$25 for any brass based/tipped 201A I need. Write to me for my want list Steve A. York, 1100 Byrd St., Melbourne, FL 32935

WANTED: Schematic and parts list for Hallicrafters Skyrider 32. Copy OK. Stanley Caesar, 512 Country Club Cir., Midwest City, OK 73110

WANTED: Keys, bugs and telegraph instruments. Also related parts and publications. Will purchase or trade like kind. I am a collector not a dealer. This is an affair of the heart, not the wallet. Warren Berbit, K2UVV, 46A Mile Road, Suffern, NY 10901

COLLECTING NATIONAL SW3 SW5 RECEIVERS. Glad to correspond with "Thrill Box" enthusiasts. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (714) 797-1782

WANTED: Early SONY radios. Jay Lewin, 400 E. 54th St., New York, NY 10022. (212) 935-5656

INDIVIDUAL PHOTOFACIT FOLDERS. From sets under #1400—\$4. Over #1400—\$6. Prepaid First Class postage included. Also full stock Sams specialized books. Allen J. Loeb, 414 Chestnut Lane, East Meadow, NY 11554. (516) 481-4380

WANTED: For General Electric Models GD52 & GD60. The (6) or not less than (2) push buttons. Send price, will pay shipping and cost. Russell Sound Systems, 720 College Dr., San Jose, CA 95128. (408) 295-7110

FOR SALE: Reproduction dial glasses for Catalins. FADA 652 and Sentinel 284—\$35 ea. plus \$2 postage. Radioart, Box 102, Centerbrook, CT 06409

FOR SALE: FADA reproduction Bullets, AM/FM, 4 colors—\$200. SASE or call. David Brenner, 71 Burdette Rd., Atlanta, GA 30327. (404) 257-1665

CLASSIFIED ADVERTISEMENTS

WANTED: Schematic and parts list for Hallicrafters Skyrider 32. Copy OK. Stanley Caesar, 512 Country Club Cir., Midwest City, OK 73110

FOR SALE: Pilot Wasp. Zenith Zenette cathedral to restore—\$138. Crosley Musicone speaker—\$48. Rare 3-unit Spy radio. AC Dayton shortwave converter with coils—\$75. Two Peerless speakers—\$65 ea. Boxed 199 tube—\$22. Radiola III. Stewart-Warner projection TV. Davco DR30 scarce. HRO 60. NC 183 xint 265. SW3 power supply. Radiola 60. Arcturus tubes. 201A tubes. Navy 1936 bug. Wurlitzer amp. AGS rcvr. Paragon RA10. Main line sounder. Main Line repeating relay early, louder and resonator to restore, others, large horn speaker. National 101 to restore. Grebe CR9. Joe Szabat, W3LST, 228 Plummer, Oil City, PA 16301. (814) 677-4042

CLASSIFIED AD DEADLINES

Nov. 10 for Dec. 1988 Issue
Dec. 10 for Jan. 1989 Issue
Jan. 10 for Feb. 1989 Issue

WANTED: Horn speakers wanted: Rhamstine, Clapp-Eastham, Cleartone, Firth, Herald, Timbre-tone, Trinity, Moon, Zenith, Madera-Ware, Milo, Telmacophone, Magnavox A2-R, Amplion AR-15, 45, 35, Spirola, British horns or other unusual horns. **FOR TRADE:** Radiola UZ1320, Town Crier, Baldwin Concert Grand, Airline, Sonochorde Type B, Granolite, black Burns, Stromberg-Carlson 1-A, Magnavox M-4. Enclosed: MESCO, Sonora, Music Master V. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

WANTED: RCA Victor Red Books Service Data: 1939, 1941, 1942. (Three separate books.) Gilbert Smith 248 South 36th St., San Diego, CA 92113. (619) 233-8646

WANTED: Winchester Repeating Arms Co. Radios. Any condition. Both electric and battery. Top dollar paid. Keith S. Shepard, PO Box 627, Midway City, CA 92655. (714) 841-2327.

I PAY CASH for vintage audio gear by Western Electric, McIntosh, Marantz, Altec, etc. WA6GJA, Randy Nachtrieb, 6392 Park Ave., Garden Grove, CA 92645. (714) 897-9351

FOR SALE: SASE tubes, tested good. Low prices. Send SASE for list. E&E Enterprises, 954 Johnston Dr., Aurora, IL 60506

WANTED: FADA, DEWALD, SONORA, and Mirror Sets. Bill Cress, 28 Worcester Dr., Wayne, NJ 07470. (201) 694-5154

WANTED: 1931 Pilot Allwave 11-tube Super Wasp in Radio, A Blast from the Past, p. 73. Andrew Mooradian, 5 Priscilla Lane, Winchester, MA 01890

CLASSIFIED ADVERTISEMENTS

FOR SALE: Midwest 818 console - \$225. Radiola RS - \$200. Grimes Baby Grand - \$100. Crosleys: Bandbox - \$25; 51 wooden panel, excellent - \$120; V, early - \$125; Buddy Boy - trade; 429 - \$140; 11-102U green bakelite, excellent - \$60; 5-50 cabinet - \$25. British EverReady Model C - \$75. Westinghouse lighted advertising clock - \$80. Airline 1 tube - \$140. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

FOR SALE: We're bulging at the seams, so it's time to sell the books and magazines. I've got books by Hertz, Lodge and others. Over 1500 in all. All aspects of radio and television. Many on early wireless and early television. Write or call for free catalogue. Many others not listed. Please inquire. Thomas Dady, 2223 Sixth St. NE, Minneapolis, MN 55418. (612) 789-5074

WANTED: Hawkin's Electrical Guide #7. Dial escutcheon for Silvertone grandfather clock/radio #1154. **FOR SALE:** Silvertone tombstone chassis only #1919. Clock motor for Philco grandfather clock/radio. Hallicrafters S-41W, SX-43. Philco 42-355. Kolster 6D. AK speaker Type E. P. Currie, PO Box 738, Chuluota, FL 32766-0738

FOR SALE: Tubes: new, used - 3B28, 4CX250A/K, 4CX300A, 5R4, 5Y3, 811, etc. and more! Send wants, make offer. All answered. Edison cylinder and thick disc records - \$4.50 and \$2.50. 1930's-1940's floor model radios, cabinets bad - \$10, pick up. **WANTED:** Crystal sets. Battery sets. BB/TT, WD-11, and 01-A's. Mike Crain, RD1 Box 472, Harveys Lake, PA 18618. (717) 639-2794, after 5:30 EDT

FOR SALE: Anxious to dispose of QST, full years 1927 to 1959, single issues 1923 to 1971. CQ, Radio, 73, Radio Electronics, Electronics World, Callbooks, books & more. Please make offers. 45c SASE for list. Mrs. A. R. Marcy, 461 Third Ave., Satellite Beach, FL 32937

WANTED: Grebe CR-18 or lead to same. Have cash, AK breadboard, SW3 with 15 coils & PS to trade. Gene Reynolds, W3EAN, 53 Marple Rd., Haverford, PA 19041

WANTED: Any 1930-1950 test equipment by Clough-Brengle Co. of Chicago. Also need instruction books and detailed schematics of any Clough-Brengle equipment. Especially searching for wobblers, I-F modulators, test-bridges, and early oscillographs. Advise of anything you have by Clough-Brengle. State condition and price first letter. Am also searching for pamphlets and technical books written by Kendall Clough. Write or call: Ralph Mathis, 108 Adams Ave., Okolona, MS 38860. (601) 447-2026, days or 456-3071, nights

FOR SALE: Thorola Model 57 doughnut coil 5 tabletop cabinet. Grimes radio cabinet for Type BG radio. Joe Gamm, 192 Division Ave., Shelton, CT 06484. (203) 734-0271

CLASSIFIED ADVERTISEMENTS

FOR SALE: Tombstones: GE A-70 - \$165. Columbia 5-tube semi-cathedral - \$130. Zenith 5S27 - \$160. Zenith 807 - \$155. Zenith 808, cabinet slightly as-is - \$160. Zenith 5S126, speaker in top - \$135. Zenith 5R216, speaker in side - \$110. Majestic small chrome-front 440, cabinet refinished - \$160. Cathedrals: 6-tube Jackson Bell, resembles 1933 5-tube in F.O.S. p. 102, cabinet refinished - \$165. Small Supertone 4-tube, very clean - \$110. Crosley 167, cute - \$145. Original black lacquer Zenith chairside, nearly mint, Model 5S237 - \$225. Catalins: Emerson Patriot, white version, repro. knobs - \$575. RCA black with yellow marbling, Model 66X9 - \$950. Advertising: Sparton radio clock "Correct Time to Buy Your Sparton Radio", mint, original cosmetically, new motor - \$450. Tin Litho "RCA Globetrotter" globe, some wear on base - \$100. Tin litho "American Bosch Explorer's Club" globe - \$110. Philco neon clock, restored - \$450. Other Zenith radios, parts, to buy or sell. Alan Jesperson, POB 17338, Minneapolis, MN 55417. (612) 727-2489, machine answers after six rings

FOR SALE: Radio Boy books: Mexican Border, '22, vg - \$12; Darkest Africa, '23, vg - \$12; Inca's Treasure, '22, vg - \$12; Secret Service, '22, vg - \$10; Revenue Guards, '22, vg - \$10. Tom Swift series: Motorcycle, orig. - \$25; Motor Boat w/DJ - \$30; Air Glider w/DJ - \$15; Elec. Locomotive w/DJ - \$15. Many more, plus many technical books. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: Bi-polar motors, dynamos, Holtz machines, X-ray tubes, Geysler tubes and other interesting apparatus. Tom Burgess, PO Box 9769, Little Rock, AR 72219. (501) 565-1750, eves.

WANTED: The New England Radio Club wants you! Reserve your tables now for the big Winter Swap & Sell Meet January 22, 1989, Holiday Inn, Nashua, N.H. Limited space available. For Swap Meet or membership info call or write: New England Radio Club, 422 Day St., Manchester, NH 03104. (603) 623-8996

FOR SALE: Freed-Eisemann NR-6, NR-7, FE-15. Philmore kit TV - \$50. Hallicrafters prewar transmitter - \$75. Mitchell radio lamp - \$100. TV magnifiers - \$35. RCA magnifier slide brackets - \$20. Wooden Hallicrafters TV - \$150. Midwest console - \$350. AK breadboard - \$350. Western Electric 4B - \$450. Mail-A-Voice recorder - \$50. Early Dumont tuner - \$30. Farnsworth iconoscope. Flick of Switch, Vintage Radio - \$11.95 ea. ppd. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145. (216) 871-4547

WANTED: Crosley Pup, 50-A, 4-29 portable. Clapp-Eastham HZ. Radiola I, VI. 112-A. Battery-powered superhets, 1920's. Also Hallicrafters all wave portable. Charles Rhodes, 64 South River Rd., Edgewater, MD 21037



ARKANSAS – Nov. 3

ANTIQUÉ RADIO COLLECTORS CLUB
OF FT. SMITH
CLUB MEETING

Ft. Smith, AR – Red Cross Bldg.
1709 S. Greenwood – 7:30 pm
Info: Ed Stewart (501) 785-1116

CALIFORNIA – Nov. 12

CALIF. HISTORICAL RADIO SOCIETY
SWAP MEET – MEETING

Los Altos Hills, CA
Electronics Museum, Foothill College
7 am – Swap Meet
10:30 am – Membership Meeting
Info: Paul Bourbin, 25 Greenview Ct.
San Francisco, CA 94131 – (415) 648-6489

NEW YORK – Nov. 6

ANTIQUÉ WIRELESS ASSOCIATION
ANNUAL BUSINESS MEETING

Canandaigua, NY – Sheraton Inn, 2 pm
Info: Lauren Peckham, Ormiston Rd.
Breesport, NY 14816 – (607) 739-5443

NEW YORK – Nov. 13

GREATER NEW YORK
VINTAGE WIRELESS ASSOCIATION
“Why Did I Buy It at Canandaigua?”
SWAP MEET

Ronkoma, LI, NY – Nassau X-Ray Co. Lot
13 Garrity Ave. (Exit 60 on LI Expressway)
9 am
Info: Steve Conklin – (516) 324-3012
Bob Scheps – (516) 928-8981

MINNESOTA – Nov. 12

NORTHLAND ANTIQUÉ RADIO CLUB
INDOOR SWAP MEET

N. St. Paul, MN – Christ Lutheran Church
2475 17th Ave. East
9 am – 2 pm
11 am – Radio Auction
Info: Jim Thompson – (612) 822-4000

Attend a club event near you, learn,
meet others in the hobby, and perhaps
find an item or two for your collection!

CLASSIFIED ADVERTISEMENTS

WANTED: Early hi-fi magazines: Audio Engineering, Audiocraft, High Fidelity, etc. Early mono hi-fi gear and studio equipment, loudspeakers, etc. Jack Smith, 288 Winter St., N. Andover, MA 01845. (508) 686-7250

FOR SALE: Coca-Cola cooler radio in mint condition. Lyle Scheid, Route 1 Box 17, Iroquois, SD 57353

FOR SALE: GE tombstone. Gloritone 27. Small wood. Cathedrals. Plastic. SASE. **WANTED:** AK driver and base for R horn. J. Miller, 7437 Jeffery Ln. S, Cottage Grove, MN 55016. (612) 459-6786

WANTED: Grundig-Phillips AG 1003 record changer found in Grundig 7063W3D console radios, or entire console with changer. Alexander Kruedener, 161 E. 89 St. 4E, New York, NY 10128. (212) 831-0662

WANTED: Arrow for Radiola 26. Pat Cutini, 2114 Main Rd., Corfu, NY 14036

CLASSIFIED ADVERTISEMENTS

FOR SALE: Aeriola Sr. – \$95. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

WANTED: Spark equipment and early spark info. Also QST before 1927. Edward J. White, WA3BZT, 2404 Hedgerow Dr., Wilmington, DE 19810. (302) 475-3355

WANTED: Information on a Showers Console. I have chassis, Model 20. Wou'd like picture of chassis or cabinet. Roger A. Van Arsdall, PO Box #4, Burgin, KY 40310

FOR TRADE: Bendix Model 526C green swirl Catalin and black bakelite. No cracks or chips, missing back. Trade for nice original condition Philco cathedral Model 71 or 90. Dwight Church, 2258 So. 64th St., West Allis, WI 53219. (414) 545-6972

FOR SALE: Audio and low power transmitting tubes. SASE for list. Serge L. Krauss, 141 Homan Ave., Elkhart, IN 46516-5027

MARYLAND – Nov. 19

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Laurel, MD – Applied Physics Lab
Johns Hopkins Univ. – 7:00 pm

Info: Joe Koester, 249 Spring Gap South
Laurel, MD 20707 – (301) 725-4229

KANSAS – Nov. 20

MID-AMERICA ANTIQUE RADIO CLUB AUCTION

Overland Park, KS – 7500 W. 75th St.
Dwight Cowles American Legion Hall
Noon – Doors open; 1 pm – Auction

Info: Mark Johns, 505 E. 120th
Kansas City, MO 64145 – (816) 942-6806

WASHINGTON – Dec. 11

PUGET SOUND ANTIQUE RADIO ASSOCIATION SWAP MEET – MEETING

North Seattle, WA – Ronald School
North 175th St., one mile west of Interstate 5

11 am – Swap Meet

1 pm – Business Meeting

Presentation: Mark Campbell on
Re-plating of Old Chrome Chassis
Show and Tell: Open

Info: Max Kaplan – (206) 851-4187

MARK YOUR CALENDARS

Nov. 3 – AR, Ft. Smith – ARCCFS §*

Nov. 5 – TX, Armand Bayou – HVRA

Nov. 6 – NY, Canandaigua – AWA*

Nov. 12 – CA, Los Altos Hills – CHRSt*

Nov. 12 – MN, St. Paul – NARC*

Nov. 13 – NY, Ronkoma, LI – GNYVWA*

Nov. 19 – CA, Burbank – SCARS

Nov. 19 – MD, Laurel – MAARC§*

Nov. 20 – KS, Overland Park – MAARC*

Nov. 20 – WA, Seattle – PSARA Contest§
Dec. 3 – TX – HVRA

Dec. 11 – WA, Seattle – PSARA§*

Jan. 21 – MI, Grand Rapids – MARC

Jan. 22 – NH, Nashua – NERC Swap Meet

*See expanded listing on these pages.

§ Monthly Meeting.

Details, if received by A.R.C., will appear
in an issue of A.R.C. prior to the meet.

RADIO CLUB LISTINGS

CLUBS: Send antique radio club and meet information to A.R.C. for free listing here, as space permits. Sorry, we don't have room for Hamfests.

Antique Wireless Association (AWA). P.O. Box "E", Breesport, NY 14816. Pub: *The Old Timer's Bulletin*, quarterly. Dues: \$10.00. National and regional conventions. Museum.

Antique Radio Club of America (ARCA). William Denk, 81 Steeplechase Rd., Devon, PA 19333. Pub: *The Antique Radio Gazette*, quarterly. Dues: \$12.00. National and regional conventions. Regional chapters.

Antique Radio Club of Illinois (ARCI). Carolyn Knipfel, Route 3, Morton, IL 61550. Pub: *ARC/News*. Dues: \$12.00. Annual Radiofest and additional meets each year.

Antique Radio Collectors Club of Ft. Smith, Arkansas. Wanda Conatser, 7917 Hermitage Dr., Ft. Smith, AR 72903. Monthly Meetings.

Arizona Antique Radio Club (AARC). Treasurer, 8311 E. Via de Sereno, Scottsdale, AZ 85258. Pub: *Arizona Antique Radio Club News*, quarterly. Monthly meetings.

California Historical Radio Society (CHRS). Paul Bourbin, 25 Greenview Ct., San Francisco, CA 94131. Pub: *CHRS Journal*, quarterly. Dues: \$12.50. Quarterly swap meets.

Greater Boston Antique Radio Collectors (GBARC). Dave Crocker, 6 Old Farm Road, Duxbury, MA 02332. Informal organization. Write to be put on mailing list. One Winter and one Spring meet each year.

Greater New York Vintage Wireless Association (GNYVWA). Bob Scheps, 12 Garrity Ave., Ronkonkoma, NY 11779. Pub: Meeting Notices. Dues: \$4. Six meets/year.

Houston Vintage Radio Association (HVRA). Bill Moore, 805 Vallarie, Pasadena, TX 77502. Pub: *The Grid Leak*, monthly. Dues: \$6.00 (\$15.00, local). Regional meets.

Indiana Historical Radio Society (IHRS). 245 N. Oakland Ave., Indianapolis, IN 46201-3360. Pub: *IHRS Bulletin*, quarterly. Dues: \$8.00. Quarterly swap meets in various areas of state.

Michigan Antique Radio Club (MARC). Larry Anderson, 3453 Balsam NE, Grand Rapids, MI 49505. Pub: *MARC Newsletter*, quarterly. Dues: \$10. Quarterly regional swap meets.

Mid-America Antique Radio Club (MAARC). Sheldon Wheaton, 1120 Virginia Ln., Apt. #1, Olathe, KS 66061. Pub: *The Broadcaster*. Dues: \$8.00. Two auctions and additional meets each year.

Mid-Atlantic Antique Radio Club (MAARC). Joe Koester, 249 Spring Gap South, Laurel, MD 20707. Pub: *MAARC Newsletter*, monthly. Dues: \$10.00. Monthly meetings.

New England Radio Club (NERC). Marty Bunis, 422 Day St., Manchester, NH 03104. Dues: \$5.00. Quarterly swap meets.

Northland Antique Radio Club (NARC). P.O. Box 18362, Minneapolis, MN 55418. Pub: *NARC Newsletter*, six/year. Dues: \$10.00. About six meets/year.

Northwest Vintage Radio Society (NVRS). P.O. Box 02379, Portland, OR 97202. Pub: *The Call Letter*, monthly. Dues: \$12.00 (beyond 100 miles). Monthly meetings.

BUSINESS CARD ADS -- \$15.00 FOR 3 MONTHS



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 Endwell, NY 13760

Victorian Talking Machine, Company
 261 Robinson Ave. Newburg, NY 12550



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 MUSICAL ANTIQUES

MEMORY MACHINES
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 F. 4. 4. 713. 522. 5399



(815) 229-6900

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**VINTAGE RADIO
 And Electronics**

SCOTT A. WEBSTER
 Owner

1414 - 17th STREET
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- Radios
- 78 RPM Jukeboxes
- 78 RPM Turntables
- Radio Tubes
- Shure
- Needles & Cartridges
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- Needles & Cartridges
- Parts & Accessories



ANTIQUE JUKEBOXES, MICROPHONES

Deco & Deluxe Console & Table Radios
 Broadcasting, Hi Fi & Recording equipment
 16" Transcriptions & Blank recording disks

Buy, Sell & Trade.

Robert Van Dyke 516-728-1327
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WANTED - OLD RADIOS BEFORE 1930



- Early Crystal Sets
- Battery Radios
- Horn Speakers
- Radio Magazines & Books
- Radio Tubes & Parts
- Early Radio Advertising

G. B. Schneider Phone: 216-582-3094
 9511-23 Sunrise Blvd North Royalton Ohio 44133

**PRINT YOUR
 BUSINESS CARD HERE!
 \$15.00 FOR THREE
 MONTHS.**



(201) 794-9606

VINTAGE TV'S
 & RADIOS

**HARRY
 POSTER**

P.O. Box 1883 • South Hackensack, New Jersey 07606

WANTED

Radios Advertising - Signs,
 Clocks, Posters, etc. Toys, Banks,
 etc., Shaped Like Radios

Brenda Wilk
 409 S. Fible
 Kirksville, MO 63501
 (816) 665-9304

TESLA COIL BUILDERS ASSOCIATION

HARRY GOLDMAN

RR 6 Box 181 Glen Falls NY 12041
 (518) 794-1100

buy on
 Book Magazines Apparatus on Electricity
 Filament lamps, Wireless Telegraphy, Etc.
 SEND FIRM WANTED LIST

Andrew Mooradian

Wanted Pre-1926 Radios by

AMRAD

Also, Radio Parts, Accessories
 and Literature

5 Priscilla Lane, Winchester, MA 01890

BUSINESS CARD ADS — \$15.00 FOR 3 MONTHS

WANTED

RADIO — WIRELESS
Pre-1925
ELECTRICITY — TELEGRAPHY
Pre-1900

Books, Magazines, Autographs, Catalogs Ephemera
 One Item or Entire Collection

New Wireless Pioneers
 6270 Clinton, Elma, NY 14050 USA
 (716) 681-3186

— **WANTED** —
Old Transmitting Tubes

Amateur or Commercial types
FOR MUSEUM

Ye Olde Transmitting Tube Museum
 Post Office Box 97
 Crescent City, California 95531



ANTIQUE RADIO REPAIR

Repair - Restore - Buy & Sell
 Schematic Diagrams \$2.00

DAMASKE ELECTRONICS
 S74-W16834 Janesville Road
 Muskego, WI 53150
 Phone: (414) 679-0838



EMUD REKORD
 Senior 60
 (1957)

ERIC P. MARX
 S mmler von deutschen Rundfunkapparaten
 (Collector of German Radios)

2470 Bandon Dr
 Grand Blanc, MI 48439 7906

(313) 695-0604

50 years **CHUCKS** of service!

Any Tube Radio Repaired and
 Guaranteed to work good.
\$26.00 plus large parts & UPS

CHUCKS
 167 LYNN DRIVE — PO Box 598
 NEW HAVEN, WV 25265 — PH (304) 882-2220



S.F. MUSIC & GAMES

Juke Box, Pin Ball
Video Games and Components
Repair with Care and Knowledge
Also Buy and Sell Machines

2850 - 21st Street (corner Alabama St.)
 San Francisco, California 94110
 Bus. (415) 282-1155

DANIEL ZAVARO
Tech. in Electronic

Are You Looking For Antique Radios, Parts,
 Tubes, Schematics, Etc.?

For Free Flyer, a 2-Stamp LSASE is required to insure a
 response to your request. Send to:

Olde Tyme Radio Company
 2445 Lyttonsville Road, Silver Spring, MD 20910

Wish to contact us by phone?
 Our number is (301) 585-8776.
 Please call 10 am to 10 pm (Local Time)

Antique Radios



David & Nancy Snow
 P.O. Box 6352
 Jackson, MI 49204
 (517) 750-4992

We Buy, Sell, Repair
ARBE - III Battery Eliminators

WANTED

Radios - 40's and 50's
 Colorful Plastic, Novelty,
 or Transistors

Brenda Wilk
 409 S. Fible
 Kirksville, MO 63501
 (816) 665-9304

Books by Guy Biraud

Radio and TV Collector's Guide \$49.95
 European/French Sets. Copious Illus.

Restoration and Preservation of Scientific
Apparatus \$35.00

French/Engl. Texts, Glossary, Many Good Hints

Available from: **Richard Foster**
 Antique Electronic Supply
 Vestal Press

SCHEMATICS 1920-1960
RADIO/TV/HAM/MISC.
FULL DESCRIPTION OF SET IN
FIRST LETTER PLEASE — \$3.50 EA.

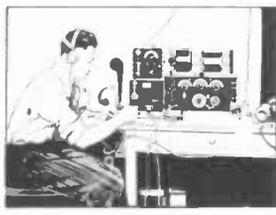
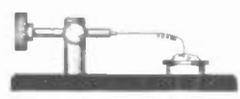
ALTON H. BOWMAN
 RD2 (CHAPIN VLG.)
 CANANDAIGUA, NY 14424

TELEVISIONS
TYPEWRITERS
SEWING MACHINES
WANTED
UNUSUAL OLDIES AND
RELATED PAPER ITEMS

Mike Brooks, 7335 Skyline Blvd.,
 Oakland, CA 94611 (415) 339-1751



WANTED



**Radio and Wireless items - pre-1925:
Books, Magazines, Catalogs, Receivers,
Transmitters, Speakers, Crystal sets,
Detectors, Tubes, and Spark Gear.**

Will buy entire collections! Qualified appraisals anytime. anywhere.
(References provided)

New Wireless Pioneers



Jim Kreuzer, N2GHD, 6270 Clinton St., Elma, NY 14059 (716-681-3186)

rainy day books



44 Bertwell Road
Lexington, MA 02173
(617) 861-8656
(Call for appointment)

frank bequaert
lucia bequaert

Technical Books Catalogs and Magazines Bought and Sold

Wireless - Radio - Telephone
Broadcasting - Telephone
Electronics - Computers
Electric Power - Electric RR
Civil Engineering - Machine Tools
Metallurgy - Mining

*New Lists Always Being Issued
Let Us Know Your Interests*



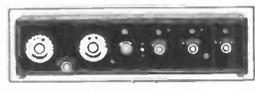
WAVES
ANTIQUES
EARLY RADIOS
&
PHONOGRAPHES
78 R. RECORDS
BOUGHT • SOLD
OPEN 12-6
CLOSE 5PM & MON

32 EAST 13TH ST. NEW YORK N Y 10003 212 989 928-
PROPRIETORS Bruce and Charlotte Majer

THIS MONTH'S SPECIALS:

1. RCA Model AG-814 Loop Antenna ... \$85
2. AK Advertising Sign 155
3. Martian Special Crystal Set..... 165
4. Crosley Grandfather Clock..... 450
5. Wings Tombstone Radio, deco-style. 125
6. Philco 49-501 (white)..... 225
7. Radio Rex, complete..... 145
8. Gernsback Radio Encyclopedia..... 20
9. 20 Popular Science Magazines,
ex. cond., 1920-26..... 100

SEE NEXT MONTH'S LIST FOR MORE!





COLLECTOR'S BOOKS

Antique Radio Restoration & Price Guide	\$10.95
Seventy Years of Radio Tubes & Valves By John W. Stockes (SC)	15.95
Radio Enters The Home, 128 pgs. 8½ X 11	12.50
Radio Equipment & Supplies - 168 page reprint	12.50
1927 Radio Encyclopedia - Gernsback, 179 pgs.	11.95
Crosley Radio Catalog, circa 1923, 32 pages	4.50
Westinghouse Apparatus, circa 1920's, 8½ X 11	4.00
Short Wave Radio Manual Official 1934, 260 pages	12.95
How To Repair Old-Time Radios	9.95
Vintage Radio Handbook, 263 pages, 1000 illus.	11.95
Flick Of The Switch 1930-1950, 312 pgs., 1000 illus., ..	11.95
Most Often Needed Diagrams 1926-1938, 600 models	11.95
1921-1932 Collector's Guide, 264 pg., 9,000 models	11.95
Atwater Kent Radio Parts Book, 24 pages, Model 9 plus 50 speakers	4.95
The William B. Duck Co. Catalog #18 (1921) - 256 Pgs.	18.95
Radio Collector's Directory & Price Guide, 321 pages.	15.95
Wireless & Electrical Encyclopedia, The Electro Importing Co.	4.95
Early Wireless by Anthony Constable, HB.	15.95
Instructions for Operating Grebe Radios, 64 pages pocket size	4.95
Radiola Super - Hetrodyne 2nd Harmonic	4.95
Atwater Kent Instruction Book Vol. II, an exact color duplication of the original	8.95
Grebe Syncrophase Instruction Manual, 70 pages, an excellent reproduction	10.95
Official Radio Service Manual, 1930 Gernsback, 8½ X 11, 356 pages	19.95
The Story of Nipper and His Master's Voice, 64 pages, illustrated	6.50
Radio Collectors Pin (high metal relief and porcelain)	4.95
RASCO Radio Parts - Catalog #18, 145 pgs.	8.95
Radio Station Treasury 1900-1946 — 8½X11 176 pgs.	12.95
The Continuous Wave-Technology and American Radio, 1900-1932, by Hugh G. J. Aiken, 588 pgs.	20.95
Syntony & Spark, by Hugh G. J. Aiken, 368 pgs.	14.95
Television, The Story of Scanning Disc Television — E. E. Taylor, 52 pgs.	4.95
Radio Speaker Encyclopedia, 8½X11, by Floyd A. Paul.	11.90
Fifty Years of Radio, March 1938 issue of Hugo Gernsback's famous publication - 134 pgs.	14.95
Radio Manufacturers of the 1920's, Vol. 1, Very Large, by Alan Douglas	19.95
Radios — The Golden Age, 120 pgs. Full Color, by Phil Collins	14.95
David Sarnoff, biography, HB, 372 pages	14.95
Man of High Fidelity, <i>Edwin H. Armstrong</i> , PB, 272 pages	3.50
The Golden Age of Radio in the Home, HB <i>John Stokes</i>	NEW 24.95
Thomas A. Edison - A Stroke of Luck, PB, 562 pages	NEW 13.95
Saga of the Vacuum Tube by <i>Gerald Tyne</i> , 494 pages	15.95
Tesla's Experiment, PB, 162 pages	8.95
Tesla Coil Secrets, PB	6.95
The Complete Talking Machine, 8½X11, 183 pages	NEW 15.95

All orders under \$35.00 enclose \$1.50 postage — Orders over \$35.00 shipped free.

WE HAVE DETERMINED THAT ALL OF THESE PUBLICATIONS ARE THE VERY BEST OFFSET QUALITY
ALLOW 3-4 WEEKS FOR DELIVERY

ORDER FROM

Antique Radio Club of America, Inc.

Charleston West Virginia Area Chapter

4204 Thorn Apple Lane

Charleston, West Virginia 25313

Revised 10/1/88



BUYING

Radio Nurses . . . see photo.

Paying over \$700!

Old TV's - ca. 1920-1943

Paying \$1000 - \$6000

Modern TV's - ca. 1950's-1980

if unusual or bizarre!

Col-R-Tel/color wheels/color adapters

paying \$200-\$500

Predicta Console model H4730 . . . wanted.

Novelty tube and transistor radios . . . wanted



(We also buy: old oak and mahogany furniture; unusual 1950's and 1960's furniture and lamps - (wire or wood); stereoscopic "3D" cameras, viewers, accessories; View Master, Tru-View, and anaglyph items (red/blue printed))

SELLING

Transistors-Bell Labs "Type A", ca. 1948	\$36
RCA Experimental epoxy transistor	\$40
RCA early 2N33 point contact	\$20
US Transistor 2N34 (gold), new, boxed	\$5
Tung Sol 2N460, new, boxed	\$3
Acorn Tubes-New, boxed 955, 956, 957	\$5 ea., All 3 for \$6
Peanut Tubes-#5702	\$4 each or 4 for \$10
Early CRT's-Iconoscope, ca. 1938-Rare! RCA 1850A	Trade
RCA 7198A, 1950's Image Orthicon	\$17
RCA early 908-blue trace	\$29
Dumont early CRT-unusual 5JP2 (glows in dark)	\$22
Dumont Dual-gun CRT. New, boxed	\$20
2AP1 and 3AP1	\$12 each
Good 10BP4-\$25 ea. ...Good 7JP4	\$30 each
Matsushita 40JB4. Modern 1' CRT (?)	\$9 ea.

TV COLLECTORS

Now forming TV club with meets in this area.
 Please write if interested!

1989 Vintage Radio Calendar



Beautiful full color
Reproductions and
Biography's of
12 Classic Radios.

A great gift for
Christmas.
Order today.

Order from: Affordable Adventures Calendars
P.O. Box 518
Menomonee Falls, WI 53051

Write for more information on quantity discounts.

Please send ___ calendars \$7.95 @ + \$2.50 for shipping and handling
40¢ for each additional

Name _____

Address _____

City _____ State _____ Zip _____

Check Money Order VISA MasterCharge

Account Number _____ Exp. Date _____

Allow 4 to 6 weeks for delivery. 5% sales tax for Wisconsin residents only.

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 10¢ each. See details below. All classified ads must be received (not just postmarked!) by the ad deadline. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page two for methods.) "Free words" cannot be accumulated from month to month; "free words" must be "taken" when ad is submitted.

Please write each ad on a separate sheet of paper, especially when included with other A.R.C. correspondence. A 3" x 5" card is suggested if the ad is short. Ads may be sent in advance; again, write each ad on a separate piece of paper and indicate the month (or two months) you want the ad to run.

Please write legibly and use both capital and small letters. Do not use dashes between words. Some numbers and letters can look alike, for example 1, l and I (the number one, the capital i and the small l.) Write the following characters clearly (especially in model numbers): 1, l and I; 0, O, o, Q and D r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which looks similar to a common word or manufacturer, note it so that we do not "correct" it. Editor's comments are in [brackets].

Advertising is accepted only for items related to antique radios, communication, electricity, etc. All items must be described fairly; reproductions, reprints and not-original items must be identified as such. Advertisers agree to respond promptly to inquiries and orders, and to resolve problems promptly if the buyer is not satisfied.

Publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Publisher is not responsible for errors due to illegibly written ads or for any other reason; if requested, the ad will be run in the next available issue at no charge for errors made by A.R.C. All ad rates and details are subject to change by the publisher. See page two for additional information.

CLASSIFIED AD DETAILS

Classified ads must have a standard heading such as **WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP**, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. Wanted and For Sale ads are mixed together to encourage the reading of all ads, including the Wanted ads. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style.

To encourage varied content of the ads, **multiple insertions of the same classified ad are limited to two successive months.** (To run an ad continuously, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE***

10¢ per word for extra words over 20 plus

10¢ per word for a shaded ad (count all words including free words).

* Subscribers may take 20 free words on only one ad each month.

Non-Subscribers:

20¢ per word **plus**

10¢ per word for shaded ad.

Please do not forget to send in the extra 10¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with For Sale, etc. Boxed classified ads are placed with the display ads on the lower portion of the page.

Minimum run is 3 months, prepaid.

Boxed Classified Ad Rates per Month

Nonshaded ads:

12¢ per word for all words,* none free, **plus**

10¢ per word for each bold word **plus**

10¢ per word for each all-caps word.

Shaded Ads:

22¢ per word for all words* **plus**

10¢ per word for each all-caps word.

Note: All words in shaded ads are bold.

Non-Subscribers:

Add 15¢ per word to above costs.

*Three of the total words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

The deadline for ads with drawings or photos is the first of the month.

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

\$5.00 per month for each photo or drawing

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: **WANTED, FOR SALE**, etc., count as one word each time used in an ad. **Name, address and (one) telephone number**, count as 6 words, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. (Note: "Jim, (111) 111-1111" also counts as 6 words.) So, please include complete name and address in your ads.

Each additional word, abbreviation, model number or number group, extra telephone numbers, etc. count as one word. Hyphenated words count as two words.



SECOND CLASS
POSTAGE PAID
at Carlisle, MA

A.R.C., P.O. Box 2, CARLISLE, MA 01741

RETURN POSTAGE GUARANTEED

TO:

POSTMASTER: Deliver Promptly

**CLASSIFIED AD
DEADLINE NOV. 10TH**