



ANTIQUE RADIO CLASSIFIED



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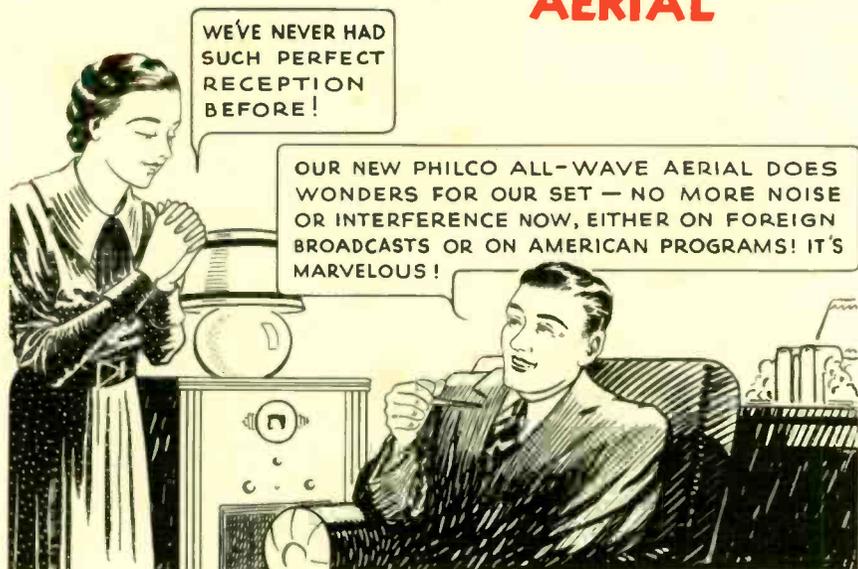
NUMBER 10

Announcing

PHILCO

New

**ALL-WAVE
AERIAL**



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

ANTIQUE RADIO CLASSIFIED

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1/2 V		11 3/4 x 3 9/16		7 7/16 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		18.00	48.00	91.00	6.00
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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 these specifications. A late ad will be run beginning with the next month.

The 3-month rates represent about a 10% discount, the 6-month rates, 15%. Clubs, write for discount rates.



ANTIQUE RADIO CLASSIFIED



EDITOR'S COMMENTS

The cover hints at our Philco emphasis this month. The Philco articles start with Fred Geer's overview of the company, from the late twenties to the days of Predicta television. Fred discusses several of Philco's radio, phonograph and television offerings. Early Philco service literature gives us, as well as the illustration for the cover, the next Philco article – on the Philco All-Wave Aerial systems. Although possibly an understated component, the aerial was very important in the early days of radio.

Ron Ramirez includes both Philco and restoration in his article on rebuilding Philco condenser blocks. Richard Foster contributes a short article on an alignment procedure for the "Mystery Control" on Philco wireless remote sets.

Two restoration-related articles were sent in by Paul Bourbin and Richard Foster. Paul wrote about the General Radio Impedance Bridge, a not-often-used piece of test equipment which he predicts may become more important in the future of radio set restoration. Richard Foster has completed Part 8 of the AC radio repair series. In this offering he covers the testing of individual components and the testing of the high voltage circuitry of a set. He describes a number of common problems and their fixes.

This month's *Radio Ramblings...* contribution by David Kraeuter describes the curious activities of a couple of sets in his basement. Also, we have John Wolkonowicz' book review of Guy Biraud's Volume 2 of *The Radio and TV Collector's Guide*; this is a *Vintage Radio* type book covering

European sets.

The *Photo Review* shows an interesting commemorative dinner plate picturing the Marconi Wellfleet wireless station of 1903, in addition to the usual tombstone and crystal sets.

BONUS ISSUE FOR EARLY RENEWALS.

Please note a small change in our policy on the early renewal bonus issue. Beginning with October '89 expirations, to receive the bonus issue for renewing early, you must renew before your expiration month (that is before the end of the month printed on your mailing label). The policy in the past was to allow early renewals during the month of your expiration.

Monthly mailing of issues: No, A.R.C. is not mailed on the same day of each month or day of the week. Yes, it is not unusual to receive telephone calls responding to your ads before you get your issue, especially if you receive A.R.C. by second class mail. Our mailing procedures are intended to equalize *somewhat* the receipt of the first class issues, but even your first class copy can arrive a day earlier or later some months. For A.R.C., there is no other comparably priced method of mailing where receipt across the country can come anywhere close to the same day.

Soon after this issue is received, the big event of the year, the Antique Wireless Association Conference, will be underway in Canandaigua, N.Y. The *Coming Radio Events* page has details on this meet. This huge event draws nearly a thousand people, so make it if you can. Stop by the A.R.C. table in the flea market and say, "Hi."

John V. Terrey

PRINTED WITHOUT COMMENT

Only three updates were received this month on Mike Kirby of Panama City, FL., (see A.R.C., April through September, pages 3):

Summary of reports so far:

Persons receiving quotes:	56
Persons sending money:	35
Persons receiving refunds:	27
Refund checks which bounced:	17
Bounced checks not yet replaced with a money order:	4
Persons receiving merchandise:	0

The postal service is now conducting an investigation into Mr. Kirby's activities. If you would like to fill out an information form, write: Postal Inspector – Case No. 530-FC(2), P.O. Box 2707, Mobile, AL 36652-2707.

Please keep A.R.C. up-to-date on the status of your orders. A.R.C. will forward copies of your letters to the U.S. Postal Inspection Service. If you send your information directly, please send a copy to A.R.C. also.

ON THE COVER

When looking through a pile of *Philco Serviceman* bulletins I recently purchased, I was surprised to see how frequently Philco promoted its antenna kits. The cover illustration is from a brochure for the All-Wave Aerial included with one issue of the *Serviceman*; we have tried to duplicate the coloring of the original. The brochure goes on to say: "The first aerial to eliminate noise on all bands! You've been waiting for it – now it's here! Nothing like it on the market! Easy to sell – It's designed, built and advertised by Philco. List price: \$7.50."

OOPS

The *Olde Tyme Radio Services Directory – 1990 Edition*, which will contain jukebox and phonograph contacts, will be available from Andrew Mooradian later this year; he is currently mailing the 1989 edition. Page 15 of the September A.R.C. erroneously indicated that the 1990 edition was available now.

WITH THE COLLECTORS

Philco – Vivid Beauties to Predictas

A Photo and Word Essay

BY FRED GEER

A.R.C. presents this article by Fred Geer about Philco from its entry into the radio field in the late 1920's to its Predicta television days. Although some may disagree with some of Fred's personal observations, he prepares us for them in his introduction below. In addition, "Philco Phollies" was his working title for the article. (Editor)

This is an essay on the aesthetics used by Philco in becoming a grandiose builder of radios. I will examine the company through personal observation, some undocumented facts, a few credible sources, and the grand old Philco radios themselves.

Radio's "sea of tranquility" in the 20's was awash with black, brown, and a few drops of dirty color. Radios looked as if Dr. Frankenstein had delivered them from his mad scientist lab. Exposed tubes and parts glistened in the eyes of the buying public who wanted a radio no matter what it looked like. Experimenters enjoyed them in the shed out back, but they were not welcome in the living room.

Manufacturers soon realized that radio was for everyone and should be presented in a package that the lady of the house would enjoy and welcome. Breadboards soon sprouted sides and a top, though they still wore brown, black, or darkly finished wood, with a little brass trim.

Since Philco's (Philadelphia Storage Battery Co.) history goes back to 1892, it was already an old company in 1927. Up to that time it made batteries and radio power supplies.

PHILCO IN THE TWENTIES

Using its large distribution network for batteries, Philco made a tidal wave splash in the 1928 radio market with its "Vivid Beauty," 500-series table models. The colored, well dressed radios were in brown, grey, red, and green; each except the brown one had artistic hand-painted flowers complementing the metal sardine can style cabinets. These cabinets cost Philco one-third less than wood models.

The console cabinets used only the finest woods and veneers. Better than average workmanship and finishing dazzled buyers. A wide range of chassis/cabinet combos were available. Up to 60% of the price was cabinet cost. Some speaker openings had full color needlepoint tapestry depicting the 20's dream home with a whisper of smoke curling from the chimney.

On the technical side Philco played the cards close to the chest, when it came to keeping radio a mystery. But didn't they all? Even the schemat-



Figure 1. Philco's black bakelite condenser.

ics Philco supplied *Riders* lacked identification of some parts values. Fortunately someone at *Riders* penciled in the missing information, much to the chagrin of Philco.

THE PHILCO BAKELITE CONDENSER

Possibly to insure that servicemen would buy only Philco parts, the engineering staff may have concocted the black bakelite condenser, shown in Figure 1. Inside they could pack one or two condensers and, just for fun, a resistor now and then too! On the top side, up to eight terminals provided connections for the internal parts and tie points for other wiring. Confusing... but black

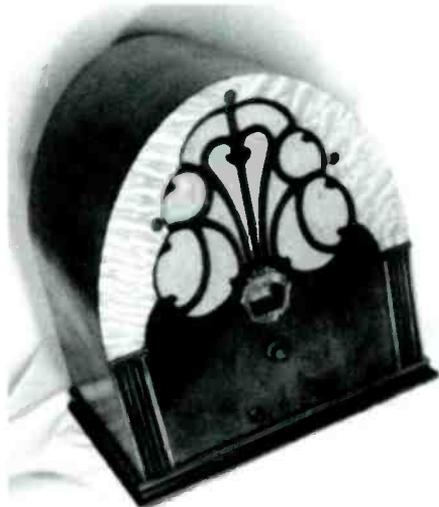


Figure 2. 1930 Philco Model 20 crowned with curly maple. A cabinet that says, "RADIO!"



Figure 3. 1931 Model 112 console, designed by Norman Bel Geddes, made all the spindle-leg consoles look like antiques. An Art Deco masterpiece.

bakelite condensers may be the reason why so many 50+ year-old Philcos still work.

These condensers were an in-house product. Special precautions were taken to insure that only the best waxes and foils were used in their construction. Philco actually used a vacuum pump to rid the wax of all traces of moisture, thus allowing the condenser to be thoroughly impreg-



Figure 4. Close-up of Bel Geddes, stylized letter "P" grille cloth on the Model 112 console.

nated with high temperature wax. They were given a 1,200 volt zap in a test jig, weeding out faulty units.

Rider's Volume 2 has a table that explains all internal connections and parts values for these units. Philco Service Bulletin No. 289, published in 1937, is a chart listing all black bakelites' internal wiring and values. By 1931, Philco claimed to be the "World's largest radio manufacturer."

THE BABY GRAND DESIGN

As the 20's came to a close, Philco saw that large elaborate radios were not the whole market. What people needed were smaller lower priced sets. New advancements in tubes, like the UY224, and more compact chassis and speakers cut costs. Cabinets were a high cost product. Time had come for radio to take a shape all its own. *Form Follows Function* brought forth a cabinet style shown in Figure 2 that even today says, "RADIO!" The arched cabinet was light and simple to build. It was made of thin wood stressed by the arch for strength, somewhat like a hen's egg. The Model 20 or Baby Grand legitimized the cathedral radio design that had been previously introduced by a few small West Coast manufacturers... a design that many would copy.

THE CLASSIC CONSOLE

Philco invited Norman Bel Geddes, a top industrial designer of the day, to create a number of cabinets for 1931. Bel Geddes said, "There is a still strange point of view in the industry at the moment - to disguise the fact that a radio is a radio." A radio can be put in any kind of cabinet. "It might be assumed that radio need reflect none of these periods, but have a form that would be appropriate anywhere, due to its simplicity and dignity." Bel Geddes' words are reflected in the Lowboy Model 112. Philco touted it stating, "The eleven tube Philco Superheterodyne-Plus deliberately designed to give more performance than the average owner needs." True it was a lot of radio. "Then to give it supreme desirability, Norman Bel Geddes, foremost American designer, has created furniture of exquisite taste and distinction." Bel Geddes' design for Model 112 is a masterpiece and is shown in Figure 3. His design made all other consoles of the day look like an-

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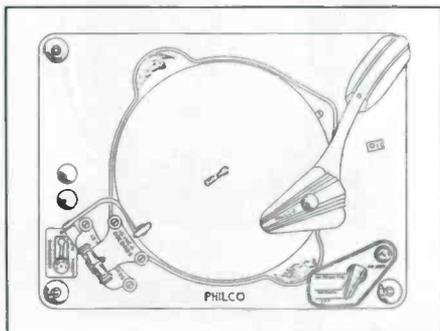


Figure 5. Drawing of Philco's Beam-O-Lite turntable, 1941.

(Philco, continued)

tiques! His clever use of angle-cut woods change color and tone when the cabinet is viewed under differing lighting conditions, as if it were alive. Speaker grille cloth was a brocade, built on a stylized letter "P", as shown in Figure 4.

Although the woods used by Bel Geddes were real, this was not so for all Philco cabinets. A way of printing photographs of real wood on plain white wood fooled the buyer into thinking the fancy inlay woodwork was real. Many restorers have been surprised to find that they had stripped all the beautiful wood off a prized cabinet. Watch out for those *decals!* This technique was used in 1934 and extended to some consoles after 1937.

Not everyone had the space or cash for a good sounding radio/phonograph console. Inexpensive phonos had a thin sound. Philco to the rescue! With its Model RP-1 music could be broadcast to any radio in the house including that fine sounding console in the living room. In fact with a longer antenna wire it could cover more than a quarter mile. What a deal! Everybody in the neighborhood could tune in 540 kHz and enjoy your good taste in music.

PHILCO'S BEAM-O-LITE

Philco's greatest "pholly" took place deep inside the 1941 Model 1015 Beam-O-Lite, a 12-tube console that had the breakthrough everyone wanted, a way of playing records on a beam of light. It was a two-speed 33/78 rpm record changer with a rather large tone arm shown in Figure 5. The head was shrouded in marbled plastic with a dime-sized red spot conveying the idea of a ruby, all illuminated by a glowing light inside. In technical terms - "A Photo Electric reproducer with a floating jewel which reproduced sound on a beam of light." Under the adornment was a light bulb, optics, a mirror, and a photo cell. A special oscillator in the radio generated a very pure RF voltage which lighted the bulb. The light beam was focused via the



Figure 6. This Philco Predicta picture tube could swivel, great for the 50's living/dining lifestyle.

mirror on the edge of the photo cell. The mirror resting on the floating jewel was part of the stylus. As the stylus followed the grooves in the record, the mirror vibrated, thus modulating the light beam striking the photo cell. Like the sound track on a film, the cell changed the light to a voltage which was then amplified. Philco's Beam-O-Lite removed the surface noise and left the music clean and clear. Time and age caused the floating jewel to sink, degrading the music to inaudibility. It was a prehistoric CD.

When WWII halted manufacture of all consumer goods, Philco found itself with a large stock of auto radios for new non-existent 1942 cars. Philco converted the auto radios to operate on 110 volts AC and installed them in leftover console cabinets. War rules allowed no one to buy a new anything!

PHILCO'S RADICAL TV DESIGN

Consumer television began in the late 1930's, and some strange looking sets were designed during the transition from radio to TV. By 1950 larger screens relegated TVs into a box shape; they all looked alike. Philco in a daring move built the Predicta series (see Figure 6) a "Forward Looking Futural TV" and a TV still ahead of its time. The most exciting model was the Predicta Pedestal, a thin elegant floor model whose top climaxed in a 21" picture tube, appearing to float in free space.

With another model, "Philco creates the world's first separate screen TV set! Keep the set beside your chair... Put the picture anywhere!" so the ad said. Little mention of the thick 25' long flat cable needed to connect the powerful chassis with the picture tube. This Predicta was the tandem Model 4710L. Predicta used a Monopole antenna system with the ventilating metal panels acting as half of the rabbit ear. The whip part added a little zip to the design. Luckily for us, Philco made plenty of Predictas over the next few years. [See the December 1988 A.R.C. for a 5-page article on the Philco Predicta.]

The Predicta was to be Philco's last big splash. The Ford Motor Co. bought the company and recently sold the Philco name to North American Phillips. Philco built a super-engineered chassis and complemented it with eye-appealing cabinetry often years ahead of its time. Philco is the poor man's classic - too bad it did not have a chrome-plated chassis!

(Fred Geer, 6042 Brookridge Rd., Jacksonville, FL 32210)

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WITH THE MANUFACTURERS

The Philco Aerial Systems

FROM THE PHILCO SERVICEMAN - FEBRUARY, 1935

Philco said to its dealers, "Install a Philco aerial whenever possible, - insure a satisfied customer, and a good profit for yourself."

This article is excerpted from the "Philco Serviceman," the Philco newsletter for its service organization which had over 12,000 certified members in 1935. The Philco All-Wave aerial system is also featured on this month's cover. (Editor)

The Philco All-Wave Aerial is a noise-reducing, high efficiency system for reception of both broadcast and shortwave. The system comprises a group of resonant circuits which are responsive to various frequency bands within the shortwave ranges, as well as complete frequency response in the broadcast band. For example, the 17-foot section is resonant to a quarter wave length of the 15-megacycle band. The entire length of 60 feet is resonant to a half wave length in the 6-megacycle band. The 43-foot section is resonant to a quarter wave length somewhat below 6 megacycles. The combination of condensers, transformers and transmission line affords various other resonant points throughout the shortwave range. The result is that the antenna system is completely or partially resonant at almost any frequency within the shortwave broadcast transmission band. It likewise affords the high efficiency that a carefully installed antenna of the untuned type would for the other frequencies. When the switch is placed in the broadcast position instead of the short-

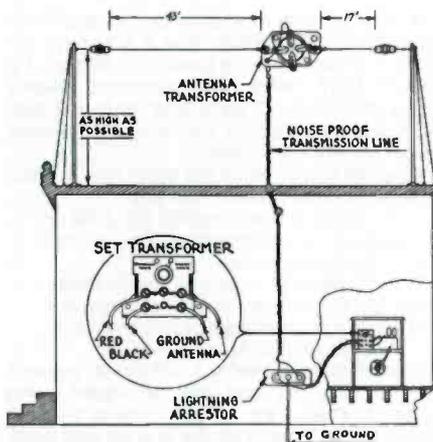


Figure 1. The Philco All-Wave aerial system. The set transformer has a switch with two positions: broadcast and shortwave.

wave position, the system is then resonant to all frequencies within the broadcast band.

On some occasions better shortwave reception will be obtained for a given frequency with the switch in the broadcast position instead of the shortwave position. In a case of this kind, there is a resonant circuit which is made up of a particular combination of the set transformer and the length of transmission line to produce the better reception. This does not mean that the system is lacking in efficiency in the shortwave band at that particular frequency, but it does mean that under some peculiar circumstances a slightly better resonant condition will be contained with the switch in the broadcast position.

There are several points in the installation which should be carefully observed at all times in order to get the most efficient reception.

1. The antenna should be as high as possible. If it is feasible to run the antenna from the end of the building out to a pole or tree beyond, such an arrangement would be more desirable than having the antenna run over the roof of the building, because of the greater effective height. The full length of the antenna should be employed whenever possible.

2. Best reception is obtained when the lead-in does not exceed 150 feet.

3. A ground connection to the radio chassis will be desirable in most cases. In some installations, however, better reception with less noise may be obtained with the ground wire removed.

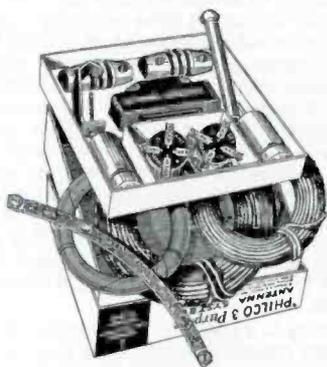


Figure 2. The Philco 3-Purpose Aerial was used for standard broadcast reception and was advertised with the following testimonial: "Have installed your three-purpose antenna system. It certainly does what directions say it will. Reception fine -- storm in air; but no static. Have tried it on forty-eight stations and all come in clear and distinct."

RESTORATION TOPICS

Rebuilding Philco Condensers

BY RON RAMIREZ

If you have ever attempted to restore a Philco radio made before World War II, you have encountered their "bakelite block" condensers. Up through 1937 Philco used numerous bakelite blocks in its sets; Philco's sets made between 1937 and 1942 usually had only one bakelite block - the AC line bypass.

What did you do when you came across a bad bakelite block condenser? Did you:

1. Bridge a new capacitor in the set as best as you could, disconnecting the wires from the bakelite block?
2. Take those nasty old bakelite blocks out and throw them away, install terminal strips and put new capacitors in the set?
3. Rebuild your bakelite blocks?

If you answered "yes" to 1 or 2 above, you took the easy way out, and your restoration is not authentic. (Yes, I am guilty of having once replaced all the bakelite blocks in a set with terminal strips and new components.)

You may say, "Those bakelite blocks are sealed! They look like they would be impossible to rebuild!" You're wrong! Bakelite blocks are actually very easy to rebuild.

Also, you may have come across at least one old Philco set that had been worked on by someone else, sometime over the past forty to fifty years, and it had some, or maybe all, of the bakelite blocks disconnected and paper capacitors "bridged" in. This was because, until recently, it was nearly impossible to rebuild the blocks since most of the older paper capacitors were too big to fit inside the bakelite block shell. I have a Philco 90 console, and all of its bakelite blocks had been "bridged" with replacement capacitors. A few of the blocks were even broken where some repairman apparently had the same idea, but his capacitors would not fit!

How is it possible for us to rebuild our bakelite blocks when the radio repairman of the past couldn't? The answer: we can purchase relatively tiny metalized film capacitors which will easily fit inside the bakelite block shell. You can purchase them from Antique Electronic Supply, P.O. Box 1810, Tempe, AZ 85281.

REBUILDING THE BAKELITE BLOCK

To get started, as with anything else, you need to know what you are doing. We will give you some examples, but before you attempt to rebuild a bakelite block, study the schematic of your radio so you will know how the part(s) inside the block are connected.

The construction of a typical bakelite block is simple. It is a black bakelite case with solder lugs

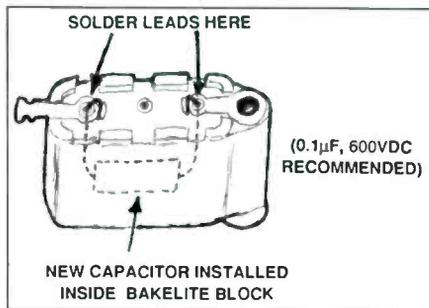


Figure 1. The Philco bakelite block, Part No. 4989-D.

on top. Turn the block over, and you will see that it is sealed with a black waxy-like sealing compound. Inside, depending on the block, is one or two paper-wound capacitors or a capacitor and a wirewound resistor. Looking at the top of the block again, you will see a rivet in each solder lug with a tiny wire coming through the rivet. Those tiny wires connect the part inside the block to the solder lugs.

We will first remove the sealing compound and all of the components inside, and then insert new components in the empty shell.

You can use a soldering iron to melt the compound out, but this is messy (and stinks, too) so I find it easier to scrape the stuff out. The compound may or may not come out easily, depending on the individual bakelite block. It is still waxy in some blocks and is easily scraped out with your pocket knife. On others, it has hardened, making it more difficult to dig out. Be careful when scraping this out, however; if you are too rough, you could break your bakelite block.

After scraping for a few seconds, you will expose the old component(s). Take these out, too. Scrape out all remaining wax until the shell is empty and clean. Then unsolder the tiny wires from the solder lugs and remove these. Make sure the rivet holes are open and not obstructed by solder.

Referring to Figure 1, we will put in our replacement capacitor. All you have to do is stick the wires of your replacement through the proper rivet holes, push the new capacitor into the block, and solder the leads to the solder lugs at the same points where the tiny wires from the old part were soldered. You now have a rebuilt bakelite block.

If you want to, you can reseal the block, but I prefer not to in order to make it simple for the

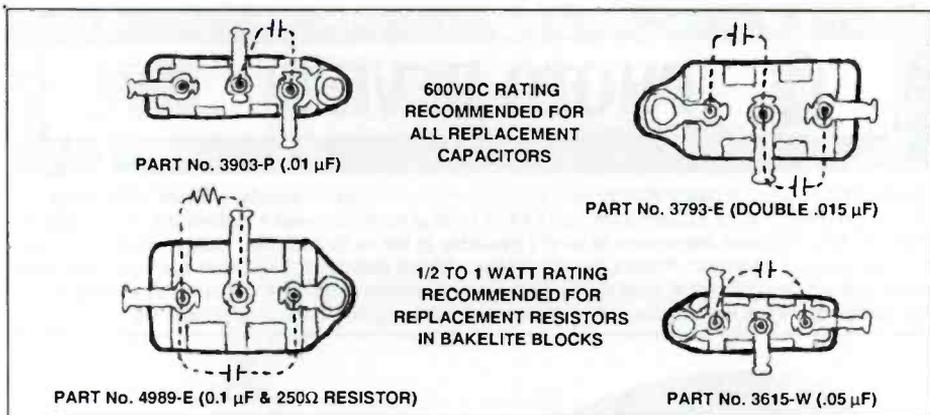


Figure 2. Additional Philco bakelite blocks.

block to be repaired again, should the need arise. Besides, the open part is on the side that mounts against the chassis and cannot be seen.

Figure 2 gives the details for rebuilding four typical bakelite blocks. You will notice that each block has a different Philco part number, stamped into its side. To rebuild other bakelite blocks, refer to the schematic diagram and also

study how the block hooks up in the set.

Many early Philco sets also used large metal cans which housed one or more capacitors. However, we are out of room this time and so we will be back again in the future with details on how to rebuild these.

(Ron Ramirez, 807 Maple St., Providence, KY 42450)

Philco Mystery Control Alignment

BY RICHARD C. FOSTER

Here is a helpful way to align the Philco 39-116 and other wireless remote "Mystery Control" models with great precision and with ease. I worked out this active method after being dissatisfied with the performance of a friend's radio which had been aligned according to Rider. This method also protects the precious 2A4's from burning out due to overloads from the signal generator. The method is based on the fact that the remote receiver section responds to varying voltage and amplifies it like an IF strip.

For power to the "Mystery Control" transmitting unit, I use two D-cells in series for the filament of the 30 tube and five 9-volt transistor batteries in series for the plate. These cells are more than adequate because only pulses are transmitted. Buy good quality, however, for the longest shelf-life. The battery wire color codes in the remote unit are: Red = B+; Black = B-; Yellow = A+; Green = A-.

Be sure that your Mystery Control dial works freely, checking for dried goo in the bearing or a warped dial rubbing on the case. The dial may be removed by unscrewing the decorative cap in its center. For good measure, replace the .05 MFD capacitor and check the 5000 ohm resistor inside the Mystery Control.

ALIGNMENT OF SET CHASSIS SECTION:

1. Begin by replacing the tubular capacitors in the remote section of the set chassis. Leaky capacitors are of no help here.

2. Check the pickup loop in the set for continuity. It is recommended to resolder the joints at all

connections of the loop.

3. Pull the 2A4 from the set, and connect the AC-volts scale of a VTVM to Pin No. 5 (as seen from the bottom). Use a meter with high ohms/volt.

4. Make a loop, 12" in diameter, five or six turns to be placed near the set pickup loop.

5. Connect the signal generator to the 12" loop and set the signal generator to the frequency given by the code on the back of the set (See Rider's Manual Vol. IX for a table of frequencies). Turn the sensitivity control knob on the chassis to "Near" (away from "Extreme".) Now, and not before, turn the signal generator on.

6. Set the transformers to resonance in the order given in Rider's IX, using the peak voltage at Pin 5 of the 2A4 as a resonance indicator.

7. Follow the normal procedure to set the "Mystery Control" box (turn the screw in the nut seen in the bottom of the box, using tiny increments) by walking away from the set until the greatest distance possible has been reached. You can tell when you have reached this point because the distance begins to diminish after a certain point is reached on the screw setting.

8. Reset the knob on the set to "Extreme" for hottest performance across the livingroom.

If you peak the transformers carefully, you will be amazed at how very sensitive and responsive the remote unit is, and your visitors will be wide-eyed. The action really is wireless!

(Richard Foster, 12 Shawmut Ave., Cochituate, MA 01778)



PHOTO REVIEW



This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other radio-related items (covering the years 1900-1950's) from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short description *must* be included with each submitted item. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.



CLARION TOMBSTONE - The Transformer Corp. of America manufactured this 8-tube superhet receiver. It is the Model 80 and sold for \$67.50 in 1931. It had variable-mu and pentode tubes. (William Key - Halifax, MA)



GERMAN CRYSTAL SET - This receiver, manufactured by Lorenz of Berlin, is a Model EDA 24 and was produced in 1924. It is a very rare set in a wood case with the famous Friho crystal detector. It uses variometer tuning. (Erwin Macho - Vienna, Austria)



MUSIO CRYSTAL SET - This small one-dial crystal set was manufactured by the Musio Radio Co., Inc. of Pittsburg, PA. (Frank R. White - Olathe, KS)



AK Model 555 - Atwater Kent produced this chest-type AC receiver in 1933. Under the lid the panel is metal with a wood-grain finish. (Augie Walackas, Whitman, MA)

PHOTO REVIEW



MARCONI PLATE - This Marconi Wellfleet wireless station plaque commemorates the first transatlantic transmission from the U.S.A. on January 19, 1903. The message was from President Teddy Roosevelt to King Edward of England. (Harry Cap, Bridgewater, MA)



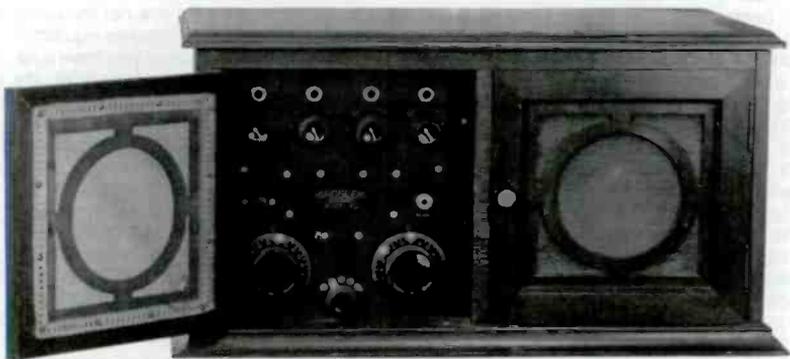
CRYSTAL SET - This home made crystal set is signed "C. Sholtes" on the bakelite panel above the detector. The detector is a combination type. (Frank R. White - Olathe, KS)



METAL GEMBOX - This set was Crosley's competition to the Atwater Kent's metal table radios. This was a 7-tube AC receiver. (Dave Crocker - Lyndonville, VT)



TRANS-OCEANIC BY RCA - This 3-way portable in a tan leather case is an 8-band, 5-tube, including a world map, circa 1958. (Walter V. Worth - Wollaston, MA)



CROSLY XL - Crosley's Model XJ chassis was altered to fit the square panel format of this fancy cabinet, probably to compete with the Radiola IV. (Dave Crocker - Lyndonville, VT)



BOOK REVIEW

Le Guide Du Collectionneur T.S.F.-Radio-TV, Vol. 2 The Radio and TV Collector's Guide Book, Vol. 2 By Guy Biraud and Richard Foster

BOOK REVIEW BY JOHN P. WOLKONOWICZ

In the August 1988 issue of A.R.C. I reviewed Volume One of *The Radio and TV Collectors Guide Book*. Now just about a year later, Volume Two has arrived, completing this interesting two-volume set.

As you may remember, these books comprise something of a *Vintage Radio and Flick of the Switch* series for European wireless, radio and TV receivers. Like Volume One, Volume Two is a thick horizontal format paperback with glossy covers measuring 9"x10-3/4" and having 256 pages. It is primarily a picture book, but all text and captions are in English as well as French (Guy Biraud's original French text was translated by Richard Foster).

Biraud used only original advertising illustrations throughout the book to prevent misinformation via pictures or incorrectly restored equipment.

The two volumes are divided into three parts. Part 1 covers early history, makers and their products before 1918; all of Part 1 is in Volume One. Part 2 covers the years 1918 to date with manufacturers' products arranged in alphabetical order; Volume One includes manufacturers through P with the remainder (129 pages) in Volume Two. Part 3 covers television, tubes, accessories, parts, and ephemera; all of Part 3 is in Volume Two.

Part 3 begins with "The History of Television," covered in eighteen very interesting pages. A seven-page "History of European Vacuum Tubes" also contains a separate wall chart on "The Genealogy of European Electron Tubes From 1915-1930." The tube genealogy was written by M. Champeix.

Part 3 has sections on accessories, parts, and ephemera. Accessories covered include loudspeakers, loop antennas, battery eliminators, microphones and pickups, and meters and measuring devices. There is a 34-page section on loudspeakers that is particularly well done. The parts section covers coils, condensers, detectors, potentiometers, resistors, rheostats, and transformers.

The book continues with a very interesting section on radio related ephemera; postcards, stamps, advertising, art and toys. A complete index to Volumes One and Two is included.



As with Volume One, this volume concentrates on equipment from Continental Europe, particularly France; coverage of British makers is much less complete. However, several excellent books are already available on British wireless equipment. The reader may be surprised to note that one of the principal European manufacturers, Philips, is missing from these volumes. Philips, however, was covered in detail in Guy Biraud's previous book *Radio Collectibles Manufactured By Philips* which is still available.

While these books are not for everyone, anybody interested in European equipment will find them invaluable. Unless you have a large collection of European radio magazines, the information contained here is generally unobtainable in this country. Furthermore, the different philosophies of design taken by European manufacturers (versus their American counterparts) is always of great interest.

Volume Two is priced (like Volume One) at \$49.95; both are available from Richard C. Foster (12 Shawmut Ave., Coquituate, MA 01778), Antique Electronic Supply, Vestal Press and A.R.C. While \$100.00 may sound like a lot for two books, I'd guess that quite a few collectors will make the purchase. These books offer a good value for the unusual and important information they contain.

(John Wolkonowicz, 11 Hartford Rd., Worcester, MA 01606)

RADIO RAMBLINGS...

The Zealous Zenith & The Cranky Crosley

A RADIO ALLEGORY BY DAVID KRAEUTER

This Zenith was a real "tough dog." He (I had come to think of the radio as a real dog since I had spent so much time working on "him") needed the power supply completely rebuilt, his dial cord restrung, a center-tapped audio transformer replaced, the speaker field coil rewound, and several tube socket contacts replaced. And that said nothing about the 12-conductor cable between the power supply and the chassis – its protective rubber had cracked, and the entire cable would have to be replaced. But right now I just wanted to give him a good burn-in to make sure everything else was happy.

The speaker was hard to get to in the cabinet so I decided to run the audio from the Zenith into the phono input of a big old Crosley console I had sitting nearby. I connected one end of a length of coax to the tough dog's amplifier and inserted the male phono connector on the other end into the female input connector on the rear apron of the Crosley. I turned on both sets and adjusted the Crosley's volume control to an appropriate level. The two sets seemed to play together well. Then... the telephone rang upstairs. I went to answer it. Someone knocked at the door, and I answered that.

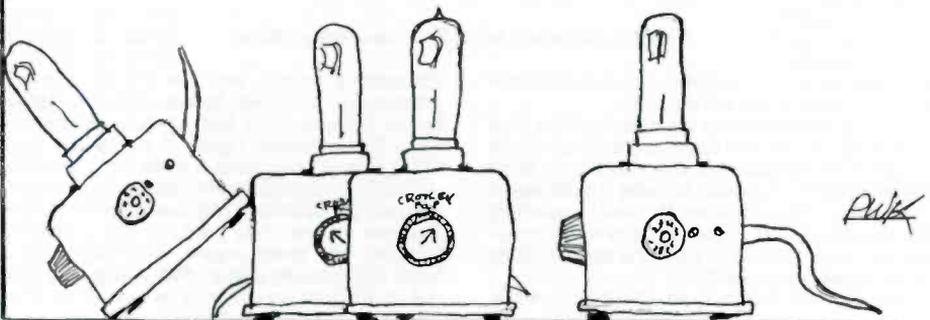
I got distracted.

Just as I was falling asleep that night I vaguely realized I never did get back down to my cellar workshop. The Crosley and the Zenith played together in the dark all night long. They both seemed all right the next day when I went back downstairs. Although both chassis were hot, nothing seemed to be wrong. However, I was soon to notice some changes in the Crosley. Over the next few weeks it got cranky and sometimes refused to play. I thought it probably just wanted some attention and made a mental note to get to it some day. At times when I looked at the bulky radio, it appeared to be taking up more room than ever. It was certainly taking up too much room in my cellar. "I'll have to get rid of the old girl some day," I thought.

Some months later, I was awakened in the middle of the night by an unusual noise that seemed to come from the cellar. But being more tired than curious, I went back to sleep. Most people who live alone quickly learn to cope with cellar noises in the night by ignoring them.

The next day was Saturday, and I decided to devote the morning to taking care of the Crosley's needs. Downstairs I gently coaxed the set away from the wall and then realized immediately what had caused the noise I had heard earlier. What I saw would warm the heart of any antique radio enthusiast. There they were, huddled together near some litter in the corner as if for security and warmth – four adorable little Crosley Pups.

(David W. Kraeuter, 506 E. Wheeling St., Washington, PA 15301)





VINTAGE TEST EQUIPMENT

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

The General Radio 650-A Impedance Bridge

Some of you may be wondering why I would be including a "laboratory" instrument in a column concerned with radio test equipment as used by the radio repairman. While the impedance bridge was of little use to the radio repairman of yesterday, it is an invaluable tool for the restorer of today.

Quite often the sets we acquire now have open or shorted coils, chokes and transformers. A few years ago, these sets would be considered "parts" sets to be salvaged for other useful parts. Now, with the supply of old sets drying up, these parts sets also are the objects of restoration. A faulty transformer is much harder to replace than a capacitor or tube. The damaged unit must be re-wound or a replacement made.

Often radios have more than one identical transformer, or coil. In this case, the good transformer can be used to arrive at the specifications for the one needing repair. Otherwise another good transformer can be found in another working set and borrowed to get the specifications. Often the original's specifications are poor or nonexistent. And, the use of an ohmmeter alone will not allow you to make a proper transformer.

To properly determine the specifications of a transformer or coil, one needs a good impedance bridge. The impedance bridge can supply all of the information necessary to make a duplicate of the original. The bridge can be used to ascertain the specifications of a working transformer or coil and can also be used to verify the specifications of the repair or replacement.

The General Radio Type 650-A impedance bridge is a beautiful piece of equipment of incred-

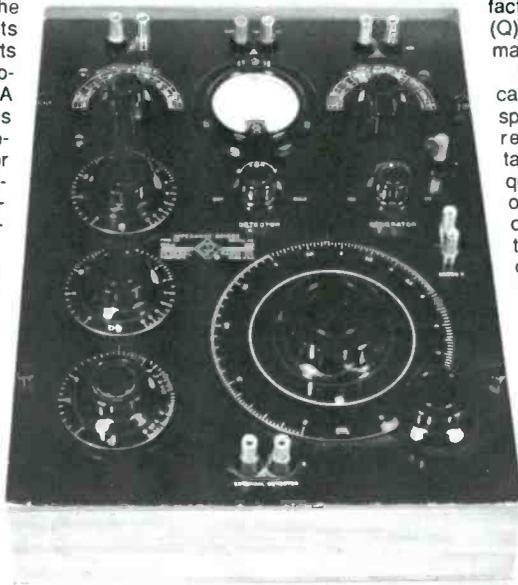


Figure 1. General Radio 650-A Impedance Bridge

ible precision and is shown in Figure 1. The bridge will measure: **direct current resistance** (at 1000 cycles) from one milli-ohm to one meg-ohm with a maximum error of 2%; **capacitance** (at 1000 cycles) from one pico-farad to 100 micro-farads with a maximum error of 2%; the dissipation factor (RC) of a capacitance from .002 to 1 with a maximum error of 20%; **inductance** from one micro-henry to 100 henries with a maximum error of 10% (at 1000 cycles); and the energy factor of an inductance (Q) from .02 to 1000 with a maximum error of 20%.

In addition, the bridge can perform the following special applications: AC resistance with reactance; the natural frequency of a tuned circuit or inductor; parallel inductance and resistance of an unknown inductor, parallel capacitance and reactance of an unknown condenser, supply of DC polarizing for condensers and DC magnetizing current for iron core coils; direct capacitance of a three terminal condenser; and the terminal capacitance between the terminals of an inductor and its shield.

The resistance and capacitance measurements are made by use of a

Wheatstone bridge, and the inductances are measured by a Maxwell bridge and a Hay bridge. Figure 2 shows some basic circuits used in the Type 650-A Bridge. Figure 3 shows the Type 650-A Bridge being used in a test lab of the 30s.

The 650-A impedance bridge is a most beautiful piece of apparatus. The layout and workmanship are superb. The inside of the cabinet is shielded with sheet copper, and each wire is laid out carefully with perfect bends. It is difficult to imagine how it could be built any better. Originally, the specifications required four No. 6

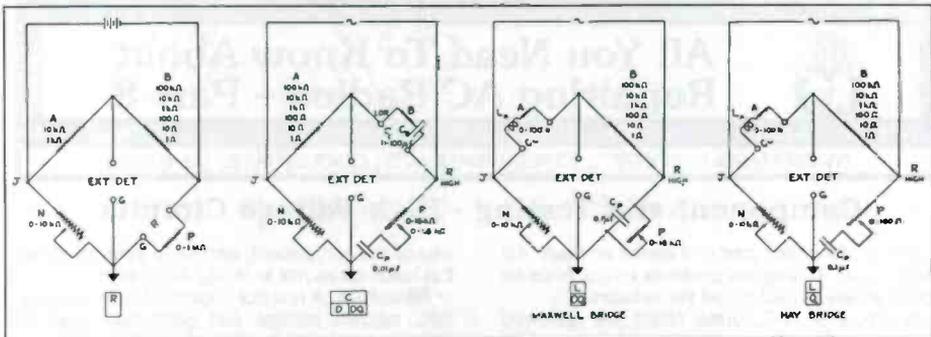


Figure 2. Basic circuits used in the Type 650-A Bridge.

dry cells, but a standard six-volt lantern battery will work just as well.

Little, if anything, goes wrong with the instruments, provided the voltage applied does not exceed the safe limits of the components. One can occasionally find a dirty contact in a switch or a loose connection. If one of the components is damaged, it must be replaced with an exact duplicate, preferably from another unit. Otherwise precision will be sacrificed.

A few hints: The instrument should be attached to a good ground for any capacitance or inductance measurement. Incidentally, when using the bridge for a transformer or choke operating at 60 cycles, DO NOT use house current as an external frequency input. When using the bridge with IF transformers, be sure to input an oscillation of 20 kHz. This is the highest frequency that will work reliably in the bridge. The results will be slightly off for the transformers, but the trimming capacitor should compensate.

Heathkit produced a bridge that is almost an exact duplicate, save for the quality of the cabinet and panel. Its layout and method of operation are almost identical. The operating manual for the Heathkit version is still available from Heathkit (as are manuals for all of its equipment); therefore it is much easier to obtain than the General Radio manual. Both are interchangeable, but the General Radio manual has a little more information.

As you can see, the impedance bridge will become a most useful piece of equipment as the



Figure 3. Vintage photograph of a typical setup using the General Radio Type 650-A Impedance Bridge. (Photo courtesy of Ron Boucher.)

supply of inductors dries up, and we have to rely on good reproductions. That's it for now. If you have any questions concerning old test equipment, please let me know.

(Paul Joseph Bourbin, 25 Greenview Ct., San Francisco, CA 94131)

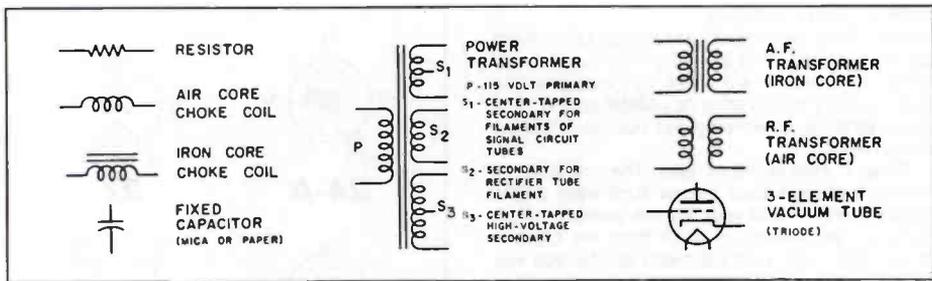


Figure 2. Symbols used in the testing of the Philco Model 70.

ers of foil separated by insulating material (dielectric) most often rolled into a cylinder with wires coming out the ends. They pass varying voltages (AC) but not direct current, and can allow radio or voice currents to pass through while blocking battery currents. Unfortunately you cannot measure *capacitance* values with a VOM. However, when measured with an ohmmeter, they show a swing to low resistance while they charge, decaying to a very high resistance.

This happens very quickly [and you can see the meter needle swing] unless the capacity is large.

Transformers: A transformer is the mounting of two or more coils of wire on a core or a form, so arranged that varying voltage in one coil will induce a similar varying voltage in the others. The voltage ratios between the coils is directly related to the ratio of the number of turns in the respective coils. Most transformers measure as a quite low resistance across the windings. Some interstage transformers measure at two or three thousand ohms on their secondaries.

Coils: A coil is a series of turns of wires wound on a form, having many interesting properties. "Coil" may be used to mean a radio-frequency transformer. The coils should measure very low ohms on your meter.

TESTING THE SET

Before you turn on your set, make a quick visual inspection beneath the chassis, looking for wires without insulation, dripping wax or tar — especially from your power transformer — or burned resistors. These conditions should be corrected before you try your set. Another check that is most useful at the start is checking large wirewound resistors for open sections. They are easy to spot because they often have blue or brown (as in the Philco 70) porcelain coatings, or steel shells with tabs protruding (called "Candohm" resistors).

Bear this principle in mind: If a resistor opened or a transformer became hot, something caused it to happen which needs to be corrected.

A quick test for a short-circuit in the B+ circuit can be run. Make sure the set is off. Set a volt-ohm meter to ohms and connect as follows: negative lead to chassis and positive lead to the rectifier filament. With meter on the 10K ohm setting: the needle should swing almost to zero, then return to something like 50,000 ohms as the

filter capacitors charge up. A zero or very low reading indicates a short.

We are ready to test the set. There are two tests to be run now. A voltmeter is needed, and the location of the detector (or 2d detector) must be known. Detector tubes often have numbers like 24-A, 75, 85, 6B7, 6Q7 and so on. Many of the earlier ones have a grid-cap (with a wire connected to it) on top. The Philco 70 uses a 24-A as a second detector.

Turn the on/off switch off, and plug in the set. Be prepared to cut the power off quickly if anything goes wrong. If you have access to an AC ammeter that will read 10 amperes, you may want to put it in series with one side of the AC line cord; the current drawn in amperes should correspond roughly to the wattage drawn by the set divided by 100 (100 watts ought to show about 1 ampere after the initial surge).

When you turn on the power, watch the 80 rectifier tube. If you see blue flashes or if it glows orange after a moment, cut off the current, because there is a short circuit somewhere. If your ammeter reading is way too high, cut off the current. If all goes well, the filament will glow normally, and no strange noises will issue from the speaker. The other tubes will light, and the set will warm up.

A theoretical diversion: AC radios have a tuner and high-frequency amplifier section to bring in, select and amplify the wanted signal. They have a detector tube to separate what you want to hear (the audio signal) from the high frequency (radio frequency signal) you cannot use, and they have an amplifier to drive the speaker. The detector tube is a convenient place to "divide the set" into its main parts and to test the output half all in one quick check with the following test.

Classic Test Number One: Place your finger on the grid cap of the detector tube (the fourth tube from the left on the Philco diagram), and you should hear a loud humming in the speaker. If the detector tube has no cap, you can put your finger on the middle terminal of the three terminals normally found on the volume control (**IMPORTANT:** The volume control assembly often also includes the AC power switch, which is usually the rear part of the volume control with two terminals. 110v AC voltage is connected to these two terminals and is dangerous. Carefully touch only the center terminal of the three on the volume control portion and not the two on the AC switch

(Continued on following page)

portion. Also, remember, keep your other hand off the chassis!). You should get the same humming. This sound will show at once that the power supply is delivering its voltage and that the audio amplifier is working. No humming means the contrary.

Classic Test Number Two: The voltage test. Turn the chassis over (**never turn over a live chassis** lest one of your fingers contact something hot underneath – you'll drop the chassis every time). Use your voltmeter on the 300 volt DC scale with the negative lead to the chassis or clipped to the negative terminal of the filter capacitors. Referring to the basing diagram of the tubes, (See Figure 3), locate the **plate** terminal of each tube. (Base diagrams are always viewed from the bottom, or pin end, and are read clockwise). Your probe here, with the set in operation, should give you over 200 volts, the correct value can be determined by referring to service information for the set. Up to 20% variation from specified voltages is not surprising, as line voltages are higher today, and meter calibration may not be exact. The next pin going clockwise is usually a **screen grid** and should show high voltage as well, usually a bit higher than the plate voltage.

Conductive Path Tests: Now is a good time to test the various conductive paths. There is little voltage drop through transformers, chokes and coils. For example, check the voltage at each point along the path from the rectifier filament, through the choke coil (#39 on the diagram in Figure 1), and the speaker field coil (#36 on the diagram in Figure 1), and through coils to the plates of the tubes. Note also the branch leading from the large resistor to the screen grids of the tubes. When a problem exists, the methodical checking of these paths becomes very important in helping to locate the cause.

Several typical problem scenarios follow. For each, the symptoms observed/measured are described, and the probable cause and possible fixes are suggested.

Scenario A: The rectifier tube lights, but you can't get any humming (in Classic Test Number One). You run a voltage check and find no high voltage anywhere but at the rectifier filament. Following the circuit diagram leads you to the speaker, whose large field coil is part of the power supply circuit. A continuity check (with the set off) shows that it has infinite resistance. You need to repair or replace the speaker. We'll talk later about replacements.

Scenario B: No humming and the output tube begins to glow orange. Check for plate voltage on the output tube (here the 47). If there is no plate voltage, the transformer that couples the tube to the speaker (#34 on the diagram) is suspect and should be checked for an open. (The orange glow comes from the screen grid which acts as a plate when there is no plate voltage.)

Scenario C: No humming, plenty of voltage at the output tube, but the grid of the output tube shows an abnormal reading. Normal is negative. (The grid voltage is measured with a Vacuum Tube Volt Meter, VTVM; a VOM cannot be used

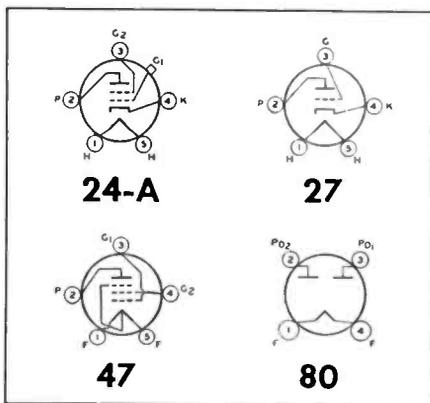


Figure 3. Tube socket base diagrams of tubes used in the Philco Model 70.

as it affects the voltage being measured. Normal grid voltage is negative, sometimes up to 45 volts negative.) One of the highest stress points in an AC set is the capacitor (#31 on the diagram) that couples the signal from the second detector plate to the output tube's grid. This part often shorts or gets leaky and needs replacement. In many early sets like Majestics and Kolsters from the late 20s, a transformer was used for coupling; it needs to be checked as it frequently opens up.

Scenario D: The rectifier lights, you get humming, you run voltage check checks and find a couple of RF tubes without plate voltage. Reference to the diagram shows that the RF tube plates are connected to the power supply through coils, and that the voltage path has a bypass capacitor (#21 on the diagram) running to chassis ground. On the Philco 70 diagram these coils have numbers 6, 18 and 20. Step one: disconnect the high end of the capacitor, and check it for resistance. Zero or low ohms indicate a short; the capacitor needs replacement. A healthy one tested on a voltmeter with a needle will show a jolt as the meter battery charges the capacitor followed by a return to a range between several hundred thousand ohms and infinity. Use at least 10K ohms for your scale setting. Step 2: check the coils for continuity, using a resistance check from the plate to coil terminals. You must find a reading of almost zero ohms on at least two pins, one in, one out. Philco sets often have bad coils, but they can be rewound.

Scenario E: When performing the conductive path tests, you find low or no screen grid voltage on the tubes. Notice that in this set, the volume control, which is connected to the resistor #37, is part of the voltage path to the screen grids. Either it or condenser #5 (next to #21 in the diagram) may be at fault.

Here in Part 8 we have covered the locating and correcting of the majority of set problems which occur in the parts subjected to high voltage. These are the components that are stressed the most and that break down first. Obviously, we have not covered everything, but these procedures provide a good and methodical way to begin repairing your set.



WANTED: Brass dial bezel for Zenith 6S-222. Dial glass w/numbers for Zenith 12-A58 (chassis 1202). Plastic dial panels for Philco Models 41-250/255/280/290, 42-355/380/390. Dave Montgomery, 13500 Pacific Hwy. S, Seattle, WA 98168. (206) 243-6419

FOR SALE: Paterson All-Wave Radio (uses 58's, 57's, 5Z3). BO between \$20 & \$40. Bob Putter, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

WANTED: National Radio Institute Experiment (not lesson) Booklets from before 1930. Robert Stapleford, 1800 Randolph, Topeka, KS 66604

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

WANTED: Cabinet for a Kellogg Wavemaster (V.R., p. 138), also related literature. Alan Schreier, 12805 Powderhorn St., Austin, TX 78727. (512) 835-2056

FOR SALE: Hickock 209A VTVM 9" meter, excellent, w/probes - \$135 prepaid. SASE required. Bill Downs, 4805 Sullivan, Wichita, KS 67204

WANTED: Marconi, United Wireless, Slaby-Arco, Massie or other very large spark era keys. Gil Schlehman, K9WDY, 335 Indianapolis Ave., Downers Grove, IL 60515. (312) 968-2320

FOR SALE: Dial belts for sale, new and N.O.S. Can furnish most dial belts for any brand. \$10 ppd. Send model #, chassis #, or old belt. E. Hoard, PO Box 38, Lehr, ND 58460

WANTED: Schematic for 1938 Luxor radio Model 977W made in Sweden. Any help appreciated. Charles Pierce, 4380 E. Brookhaven Dr., Atlanta, GA 30319. (404) 233-1340

FOR SALE: 1953 Babcock radio control receiver BCR-3, working condition w/tubes and instruction manual, 27.255 MHz for model airplanes. Arthur Obermeyer, KAOPDC, 5254 Fairview Ave., St. Louis, MO 63139. (314) 351-6991 anytime

WANTED: RCA Model 6T, either complete set or chassis, any condition. Please call or write: David L. Muse, 22838 Bear Valley Rd., Space 22, Apple Valley, CA 92308. (619) 247-2133

FOR SALE: Cabinet for Clarion 80, fair - \$15.
WANTED: AK 60 cabinet. C. L. Zitterich, 1725 Oak Hill, Corinth, TX 76205

FOR SALE: A new free flyer, 189B has been released. Not just another flyer, this one has something new; a line of cathedrals, tombstones and other goodies. For your free flyer, all it takes is a two-stamp LSASE sent to: Olde Tyme Radio Company, 2445 Lyttonsville Rd., Silver Spring, MD 20910. (301) 585-8776

WANTED: Large console radios, late 30's, prefer Scott Midwest, Zenith, AK. John Maddox, N6SET, 1660 Hollister St., San Diego, CA 92154. (619) 424-8443

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FOR SALE: Quality crystal set radio kits with 15-page instructions - \$15 ppd. SASE. Regeneration Radio Co., 20335 Casa Loma Rd., Grass Valley, CA 95945

WANTED: Crosley Pup, working preferred. James Collier, 6295 S. Albion Way, Littleton, CO 80121. (303) 770-6322

FOR SALE: Air King radio camera, over 30 others. No lists. No shipping. Come see, buy, trade. L. W. Pleasant, PO Box 180, Dolores, CO 81329

WANTED: Majestic Model 20 (21, 22 or 23) restorable chassis. Purchase or trade. Jack Gray, 1162 Broadmoor Dr., Napa, CA 94558. (707) 226-2550

FOR SALE: QST's 1922-1930, 108 issues, gc - \$250. **WANTED:** Clapp-Eastman HZ. Crosley 51A, Stromberg-Carlson 1-A horn. Aeriola Senior. Other early AC and battery sets and speakers. Ted Babcock, 163 Long Island Dr., Moneta, VA 24121. (703) 721-1222

HELP: Need knobs walnut set screw, also knobs Midget bakelite 1/4" shank. James MacDonald, RR#1, Glendale, Nova Scotia, Canada B0E 3L0

FOR SALE: Photofacts folders #62 to #1000. 12 of the first pocket transistor radios, some boxed. Robert Rogers, 1407 Riverside Rd., Old Hickory, TN 37138. (615) 847-2475

CLASSIFIED ADVERTISEMENTS

FOR SALE: These make nice gifts. Antique style AM-FM cathedral, small repo - \$19. Ace Radio Repair Man print in color, 7 1/2" x 9", (see front cover June A.R.C.) - \$15. Made in U.S.A. tube sets, last models made, in orig. cartons - GE, Admiral AM, Granco FM - \$27.50 ea. Saga of the Vacuum, hard cover, not reprints - \$27. All postpaid. Krantz, 100 Osage Ave., Somerdale, NJ 08083

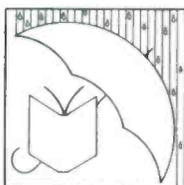
WANTED: Sprague #TO-6A Tel-Ohmite, any tube shields for G Series, Fairbanks-Morse sets. Terry Hays, 948 6th Ave. N.W., Alabaster, AL 35007. (205) 663-5729

FOR SALE: Signal Corps I-157A test sets (Precision Model 920P tube and set tester); wood case with accessories, spares, manual, still in gov't. packing; 35 lbs; unused but due to age may need repair - \$45 plus shipping. A few still left. Tartan Electronics, Inc., PO Box 36841, Tucson, AZ 85740. (602) 577-1022

WANTED: Clock face and radio knobs for a Crosley Model 124 Playtime grandfather clock. Jim Cross, 2817 Parklawn Dr., Dayton, OH 45440-1538. (513) 298-5827

HELP: Need to borrow radio, TV, tube, and parts manufacturers' full-color logos in any form (dealers' lit., display advertising items, signs, magazine ads) for graphic arts project. Will photo and return originals 1st class (insured, if requested). Write or call before sending your items. Thanks. D.R.K. Computer Consultants, 886 Eggert Dr., N. Tona-wanda, NY 14120. (716) 692-3455

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WANTED: Ainsworth Radio Co., "Torodyne," Adler, Sun Mfg. Co., Kodel radios. Claravox Co. speakers. George A. Freeman, W1K1, 102E. Main St., Madison, IN 47250. (812) 265-6878

FOR SALE: Schematics: For test equipment, electronics organs, Canadian radios. Atwater Kent and Philco electrical values. Alton Bowman, 4172 East Ave., RD 2, Canandaigua, NY 14424

WANTED: Knobs for Philcos 46-420, dark (F.O.S., p. 135); and 40-165 or 38-9 (F.O.S., p. 125). Both use same knobs. Michael Morin, 357 Lothrop St., Taunton, MA 02780. (508) 823-9061

FOR SALE: Tubes - 75¢ ea. Motorola 55X11A. GE 114. Zenith K725. Sanshin AM radio. Joseph Zambri, RD4, PO Box 216, Towanda, PA 18848. (717) 265-4825

WANTED: Sony TC770 tape recorder. Also, Zenith Trans-Oceanic radios, reasonably priced please. Private collector. Thank you. Phil Van Praag, ON329 Willow Rd., Wheaton, IL 60187. (312) 665-5354

SERVICES: Repair, restoration all makes home and auto radio, tube type. SASE for flyer. Richard Foster, 12 Shawmut Ave., Cochrane, MA 01778. (508) 653-2418

FOR SALE: Sams Photofacts #1-800, 480 are in binders plus an additional 19 extra binders, many duplicates with 1400+ sets in all - \$350. Brett Gundlach, 276 E. Como Ave., Columbus, OH 43202. (614) 267-0346

WANTED: Vintage microphones (RCA 77s/44s); tube condenser mics (especially Neumann/Telefunken), also Pultecs, tube compressors, etc. Need Fairchild 660 or 670! Jeff Kreines, 5330 Kennedy Ave., Millbrook, AL 36054. (205) 285-6179, leave message

FOR SALE: Hallicrafters S-72 - \$80. Trans-Oceanics 1000D - \$110, 3000-1 - \$130. All clean, & working. **WANTED:** Trans-Oceanic, leather covered, tan, excellent. Charles Rhodes, 64 South River Rd., Edgewater, MD 21037. (301) 266-3691

FOR SALE:

Insulated tubular dual capacitors, 33 μ F and 47 μ F @ 150 W.V.D.C 5" insulated leads. Most table model radios need this capacitor. New or N.O.S., \$3.00 each postpaid or 4 ea. for \$10.00 postpaid.

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CLASSIFIED ADVERTISEMENTS

WANTED: Vacuum pumps, equipment and catalogues for radio tube manufacturing and science, pre-1940. Ed Graper, 5960 Mandarin Ave., Goleta, CA 93117. (805) 964-7117

FOR SALE: Stewart-Warner metal cased table radio in working condition. - \$75. Racal communications rcvr. RA.71, excellent. - \$250. Sheldon Kane, 360 RhineCliff Dr., Rochester, NY 14618. (716) 442-6338

Classified Ad Deadline Noon

Oct. 10 for Nov. 1989 Issue

Nov. 10 for Dec. 1989 Issue

Box & Photo Ads - 5th, Display Ads - 1st

WANTED: Unmodified ARA/ATA, SCR-274, ARC-5 equipment, especially unused items. Dan Greeson, KH6P, 9277 Morningside Dr. NW, Silverdale, WA 98383. (206) 692-9406

FOR SALE: Lefax radio handbook copyright 1922 - \$45. Broadcasting Telecasting 1951 Yearbook Number - \$25. Sola constant voltage transformer type #CVS1 C63, new - \$100 plus UPS. Dave Oslin, 1635 Olivewood Ave., Lakewood, OH 44107. (216) 226-8018

HELP: I need any one of the following Emerson chassis: Q157, BA199, BA201, BB208, BB209, BM216. These are 4-tube sets with or without a ballast tube. They are wood case 1930's sets with series filaments, no power transformer. Thanks. Bob Barnes, 511 N. Chestnut, Monroe City, Mo 63456

CLASSIFIED ADVERTISEMENTS

WANTED: White knob for clock on GE radio alarm clock Model 518F. Other colors OK, too. Michael D. Zentman, 83 Stony Hollow Rd., Centerport, NY 11721

FOR SALE: Atwater Kent tuning knob friction rubber grommets (reproduction). Now available for Models 37-38, 40-47, 55, 60-61, 66-67 and 72. - \$3 ea. ppd. James Kroegel, 856 Old Farm Rd., Columbus, OH 43213. (614) 864-8327

WANTED: Zenith 1942, 10H573 and 1938, 15U273 models. Bob Babineaux, 108 Hiawatha Rd., Lafayette, LA 70501. (318) 232-0102, call collect

FOR SALE: Edison Dictaphone System including recorder, microphone, playback machine, headphones, shaver, desk top cylinder holder and nine wax cylinders. Everything original including wire harness. M. B. Gaskins, WB4MNZ, 227 Risen Ave., Campbellsville, KY 42718. (502) 465-3755

WANTED: RCA Radiola 67 console radio/phone cabinet, condition not important. Also wood knobs for Zenith 6S254 console. Jim Peters, 983 Chapel Ct., S., Glen Ellyn, IL 60137. (312) 790-9699

FOR SALE: Potted ultra-linear output transformers: #32004 - \$25 ea. Jim & Nadiene Farago, PO Box 6313, Minneapolis, MN 55406. (612) 722-0708

WANTED: Cabinet for Emerson radio Model #1002. Frank Tedeschi, 2402 Benson Ave., Brooklyn, NY 11214. (718) 373-1094

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WANTED: Telegraph keys, sounders, etc. that are unusual or early. Telegraph call boxes, pre-1920 telegraph catalogs, books, passes, etc. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405

FOR SALE: 1918 S-C oak wall telephone - \$225. 2 candlestick phones - BO. Jackson Bell cathedral with Swan grille, as is - BO. Zenith 5H40 Trans-Oceanic, for parts - \$10. Clough-Brengle cap-res bridge, 1944 - \$22.50. International fire alarm box and 12" gong, 1936 - BO. Lambda regulated power supply, 6.3v/3A, 200-325v/100mA - \$22.50. Powertec switching supply, 5v/90A, 5v/20A, 2x 12v/12A - \$65. Zenith TV remote control, T & R, 1960's - BO. Other items. AWA conference. I live 15 miles from Canandaigua! Dave Minchella, KE2GE, 80 Campfire Rd., N., Henrietta, NY 14467. (716) 359-3337

WANTED: By The Mitchell Collector. Mitchell TV's radios, hi-fi's, etc. from Mitchell Mfg. Co. of Chicago. Lee Mitchell, 875 N. Michigan, 3412, Chicago, IL 60611. (312) 337-3123, 266-7100

FOR SALE: Television coil kit, Lincoln L803, for Channels 1-6, with data - \$10 ppd. Brush crystal headphones - \$10 ppd. R. J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477

WANTED: Dick Tracy wristwatch radio and television, and other Dick Tracy novelties and memorabilia. Gerald Schneider, 8750 Georgia Ave., #1410-B, Silver Spring, MD 20910. (301) 565-2840

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CLASSIFIED ADVERTISEMENTS

FOR SALE: RCA #153 signal generator, circa 1937, 100 kHz-30 MHz, original manual included - \$20. Al Smith, 25 Stonehedge Rd., Lincoln, MA 01773. (617) 259-9351

WANTED: Electric carillon, automatic church bell/chime player unit such as those manufactured by Schulmerich, Maas-Rowe, etc. Any age or condition OK, control console must be restorable. I do not need the loudspeakers. Any information or sources for used equipment of this type also appreciated. Thanks. Alan Ford, 1238 Academy St., Scranton, PA 18504. (717) 347-4218

FOR SALE: BC-221-AA frequency meter - \$45. GR 1422ME variable capacitor - \$40. Heath EA-2 12-watt tube amplifier - \$20. Amprobe RS-300 AC voltmeter/ammeter - \$20. Heath IN-27 decade capacitor - \$12.50. Motorola TEK-1A battery audio generator - \$10. All plus shipping and excellent condition. Various high voltage RF capacitors. Lewis Ownes, 2824 Dan Patch Dr., Lexington, KY 40511. (606) 252-5072, after 5 pm ET

WANTED: Driver or good coil for a Majestic horn. Also tubes 117P7, 1N5, 3Q5, 11P7, and 1A7. Knobs for a Jackson Bell 62. Jeff Coleman, 83 1/2 Longs Ave., Tonawanda, NY 14150. (716) 693-6684

FOR SALE: Motorola 65T21 wood table model, shortwave band, ca. 1946. SASE for picture. Service manual included - \$25. Al Smith, 25 Stonehedge Rd., Lincoln, MA 01773. (617) 259-9351

WANTED: Philmore regen receiver, may have been a kit. Grey metal front panel, chassis, four-inch speaker. Tubes used: 50L6, 3Z5, 12SJ7, 12SQ7. SW and AM bands, white plastic pointer knobs. Also, National NC-200 communication receiver, Heath DX-35 transmitter. Michael Duckworth, 3A S. Kingsbridge Pl., Chesapeake, VA 23320

FOR SALE: SAMS extras - \$1.50 ea. plus postage. Yearly indexes - \$5 ea. plus postage. Send LSASE for folders available. John Snow, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194



WANTED: Philco 42-1003 table model radio-phonograph. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

CLASSIFIED ADVERTISEMENTS

FOR SALE: Car radios SASE for list. Majestic Model 71 cabinet - \$10. Brunswick? with Radiola 18 chassis - \$125. Zenith 10S669 - \$125. Arcadia on legs - \$50. Zenith 7S633 - \$10. Steinite table Model #? - \$30. Motorola TV Model CVT1 chassis TS-18, complete - \$75. Hewlett-Packard VTVM, works - \$10. Linus Brown, R#2, Box 49, Wapakoneta, OH 45895. (419) 738-8069

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WANTED: Schematic for Analab Scope Model #1100 with #700 plug in amp. Speaker for AK 82. Linus Brown, R#2, Box 49, Wapakoneta, OH 45895. (419) 738-8069

FOR TRADE: 430 antique 78 rpm records, 1900-1930, all very good to like new. Wholesale value over \$800. What do you have to trade? John Snow, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194

WANTED: Metal front panel and knobs for Wurlitzer circa 1926 (6 tubes 01's), also schematic. Harry Pewowaruk, 1535 No. 8th Ave., St. Cloud, MN 56303. (612) 252-9910

FOR SALE: Rider's radio manuals. Vol. 7, 9, 10, 11, 12, 13 - \$20. ea. ppd. David Pettyjohn, PO Box 131, Grayling, MI 49738

CLASSIFIED ADVERTISEMENTS

WANTED: Old oil and mercury vacuum pumps and gauges for radio tubes and science. Ed Graper, 5960 Mandarin, Goleta, CA 93117. (805) 964-7117

FOR SALE: Sam's extras - \$1.50 ea. plus postage. Send LSASE for folders available. Yearly indexes - \$5. ea. + postage. John Snow, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194

WANTED: Eico #950 capacitor checker original, good #30005 power transformer thereof or the complete unit w/good transformer. L. A. Mann, 3130 N. Druid Hills Rd., Decatur, GA 30033

FOR SALE: Philco 38-9 - \$50. Zenith 6S511 - \$35. Dynamic tube tester and Superior signal tracer - \$25. both. **WANTED:** Zenith 7G605 sailboat model. Gary Pirkkala, 2306 Audley Ave., New Castle, PA 16105. (412) 654-8481

FOR SALE: Winter projects now on sale. 30 consoles to choose from: Philco 90, Eveready 54, AK 325, Philco 20, Philco 87, AK 52 metal, AK 60 red lion cabinet, RCA 97KG, Western Auto D708, Stromberg-Carlson 130M, Stewart-Warner 520, Airline 04WG1108A, Silvertone 1580, Earl 32, plus many others. Please drop me a card for response. Can deliver to Nashua Oct. 21 or to some of New England. P. Burton, Box 912, Belchertown, MA 01007. (413) 323-5019

WANTED: 2 molded 3" Mahoganite dials by Radion. Cash or trade home brew builders stuff. Stephen Imms, 51A Old Shannock Rd., Wakefield, RI 02879. (401) 783-5387

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WANTED: Televisions, Espey, Transvision, Viewtone, Farnsworth, Capehart, U.S. TV, projection, etc. and Midwest radios. Bernard Sampson, 2905 Rusk, Houston, TX 77003. (713) 228-6741

FOR SALE: Radio and electronics bonanza! 3,000+ new or used tubes on 4 lists. N.I.B. Mallory, Radiart, and Delco vibrators. N.O.S. dials and glasses. N.I.B. Zenith, Philco, and RCA parts. Reconditioned test equipment. Panel meters, variable capacitors, knobs, 300+ crystals. Commodore computer items. N.I.B. Motorola (Automatic Radio) control heads ca. 1920 and later. Radios: Grundig, AK, Radiola, Silver-Marshall 710, Ozarka 90 etc. Speakers: Crosley, RCA 100A, AK, Symington etc. Columbia 160 wind-up portable phono. (900) 78 and 45 rpm records and Edison disks. No lists; send wants. Send \$2 in American cash or stamps with long SASE for all new lists; refundable with order. Richard and Rose's Radio Mart, PO Box 691443, Tulsa, OK 74169

WANTED: Astatic crystal phonograph cartridge number 408, new old stock, projection bulb DCN. John S. Trivelpiece, Box 337 Oregon Gulch Rd., Rural Route 7, Oroville, CA 95965-8306. (916) 533-3964

FOR SALE: Tubes, new in box. Please send SASE for list. Wilson Hauck, 6820 Stout Rd., Memphis, TN 38119

WANTED: Ballast tube resistor for Majestic power unit Model 7B6. Eric Eikenbary, 2491 Cheyenne Rd., Liberal, KS 67901. (316) 624-0470

CLASSIFIED ADVERTISEMENTS

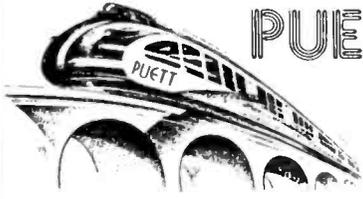
WANTED: 8 push knobs for Philco 39-45 console. A. J. Long, 2653 Post Rd., Twinsburg, OH 44087. (216) 425-9662

FOR SALE: Capehart Model 400 remote radio/ phono system, complete and working. Also very unusual radio & phono combination in the shape of a miniature baby grand piano. Walnut case measures 44" wide x 30" length x 31" high; made by Jacob Bros. of New York in the early 30's, complete with custom slip cover. E. H. Scott: Phantom AM-FM in Braemer cab. - \$750. Laurete, Oxford cabinet - \$425. Allwave 23 w/out-board voice exp. complete and working - \$575. Allwave 23 tuner and amp. parts or restore - \$225. Allwave 12 Deluxe, tuner only - \$100. Phantom AM-FM tuner and amp parts or restore - \$200. Allwave 15 speaker, needs reconing - \$90. Ed Gardner, 103 Lordship Rd., Stratford, CT 06497. (203) 381-9619

WANTED: Pre-1950 7" TVs. Have Porthole TV, several nice radios, crystal detectors, and AK 66 parts to trade, or pay cash. Will be at Canandaigua. Jerald Hueber, 1368 King Richard Pkwy., W. Carrollton, OH 45449. (513) 866-6958

FOR SALE: Stewart-Warner R-1274-A, fair condition. Used to work, still may. Is it worth \$50 to anyone? Prefer not to ship. Steve Goldstein, 99 Charles St., Reading, MA 01867. (617) 944-7102, before 10 pm

WANTED: Tuning condenser (C1) for precision E-200 signal generator. E. H. Melvin, 5050 New Market Rd., Hillsboro, OH 45133. (513) 288-2424



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CLASSIFIED ADVERTISEMENTS

FOR SALE: RCA Victor radio w/metal case, portable, Model M116 - \$95. Radiola 18 - \$95. Crosley showbox - \$225. You pick up. Cathedral GE radio K56, plays - \$185. Piece of Catalin amber color, 4 x 8 - \$35. Photos - \$1.25 + stamped envelope. Certified check only. Pat Cutini, 2114 Main Rd., Corfu, NY 14036

WANTED: Instruction books. USN RAO-7 receiver and OS-8 scope. Rodney Schrock, 402 Lincoln St., Somers, PA 15501

FOR SALE: Zenith armchair - \$150. Several Deco bakelites and plastics (no Catalins). Paul Ernst, 3465 Eddy Rd., Marion, NY 14505. (315) 589-9471

WANTED: AK 2nd AF input transformer for L, F, D, P, or Q chassis. Could buy whole chassis. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H0H9

Classified Ad Deadline Noon

Oct. 10 for Nov. 1989 Issue

Nov. 10 for Dec. 1989 Issue

Box & Photo Ads - 5th, Display Ads - 1st

FOR SALE: Hewlett-Packard audio oscillator 202-C, 1Hz-100kHz. Excellent condition, calibrated. Portable case. - \$75 + UPS. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (201) 688-2092

WANTED: Two audio transformers for a Thompson S-70 radio or a Junk Thompson S-70 or S-60 for parts. Anyone who owns this set please write me. **FOR SALE:** Atwater Kent Model 33 - BO. Schematics - \$2. SASE. Tony DeMara, 40231 Day, Mt. Clemens, MI 48044-2535

WANTED: Western Electric 4B cabinet and front tag; Charlie McCarthy gold tag. Marc Ingenthron, 9748 Outlook, Overland Park, KS 66207. (913) 642-4767

FOR SALE: FADA Model 150, yellow Catalin case, red trim. Original condition except 1" crack out from dial. Make offer. James Tucker, 632 Scott Ave., Greensboro, NC 27403. (919) 292-3676

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WANTED: Hickock 209A or equal, with owner's manual. John R. Grau, 337 W. Donges Bay Rd., Mequon, WI 53092. (414) 241-8988

FOR SALE: Brand new; vibration meter, orig. cost, just under \$5,000. Portable, hand carry. CEC, Electrodynamic Corp., sub of Bell & Howell, Type 1-157-0001 and 2, w/2 transducers, cables, bat. & AC power packs, sol. state, w/filters, books. Monitors vibration excitors, internal combustion or turbine engines (aircraft or industrial) hydraulic pumps, electric motors, pneumatic devices, or any type of machinery. 39 ea. dry cell packs, push & turn, GE PL19E500938GL, rev; new. New, manual for GE Lookout Repeater 19D411442 G1-G4 dual transceivers, VHF-UHF; new manual F/Motorola Symcon-10, FM-VHF, deluxe binder. Approx. \$20,000. New factory boxed, Motorola, parts base & mobile, W/T, some GE & RCA, includes 11 ea. (RCA) deskset, remote (beige) MI-559524-3; 3720942-3 (731219). George Belling, W6CTG, 3740 Atlas Ave., Oakland, CA 94619. (415) 531-1640

WANTED: Eveready 1, 2, 3, or Bosch 28, audio output transformer, Sonora A30, A32, or A40 power transformer, Philco 90 cathedral cabinet, Eveready tubes: 26 (3), 71A (2), 80, Sonora tubes: SO-1 (2), RE-1. John Swett, 8116 Olmway, Olmsted Falls, OH 44138. (216) 235-1463

FOR TRADE: WSA IP501A, BC-9A, SCR67A, Magnavox A1, Vibroplex 1912 Model X, McMurdo Silver 5C, 9 tube RME receiver, NIB Ace 2B Amp, plus lots of other. Michael Payne, 609 N Fairview Cr., Alvin, TX 77511. (713) 331-9217

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RORO

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.

Call and surprise me; make my day!

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

CLASSIFIED ADVERTISEMENTS

WANTED: World's Record Super 9 (1925-26) superhet with engraved front panel. Call Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249, collect

FOR TRADE: Minerva, wood, early 1940's, works but faint. Trade for working Philco table model. Michael Morin, 357 Lothrop St., Taunton, MA 02780. (508) 823-9061

WANTED: Early Garod, Magnavox or Philco ten-inch table model televisions. Unrestored sets preferred. Richard Anthony, 2551 Andler Rd., Placerville, CA 95667

FOR SALE: Acopian isolation supplies 117v AC to 117v DC - \$6 plus shipping. **WANTED:** Volume knob for Stewart-Warner 07-5B2, cream color. Rob Becker, 6 Tibbetts Ave., Danvers, MA 01923. (508) 777-0670

WANTED: Scott World's Record AC9 (1929). Call Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249, collect

FOR SALE: I'm selling my collection of books all radio. Rider, amateur, technical, also lots of old tubes. Truck load of teletype. Tower Wilson Sky Needle, my Ten Tec station, and 75A4. SASE please. Russ Olmsted, 608 W. Thompson Ln., K4UJZ, Murfreesboro, TN 37129. (615) 893-5344

WANTED: World's Record Super 8 (1925-26) superhet with engraved front panel. Call Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249, collect

CLASSIFIED ADVERTISEMENTS

WANTED: Scott Masterpiece, AM/FM model with 22 tubes (including 2 tuning eyes) and round dial. Call Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249, collect

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WANTED: E.H. Scott or Scott Transformer Co. literature, one piece of large quantities. Highest prices paid. Call Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249, collect

FOR SALE/TRADE: Crosley cathedral 167. Philco cathedral 20. RCA spice chest. German table model Greatz. Philco rolltop. Hammarlund Super Pro 1942. Zenith Trans-Oceanics. Bill Coolahan, 1450 Miami Dr., NE, Cedar Rapids, IA 52402. (319) 393-8075, 10 am to 2 pm

WANTED: AK cathedrals, tombstones, breadboards and parts. Chassis for Crosley 58 Buddy Boy. Bob Nicholson, 3423 S. Long, Topeka, KS 66605. (913) 266-9473

FOR SALE: 300 16" transcriptions of mid-50's 75-100 country western, 75-100 jazz, 75-100 misc. like Smokey the Bear, some Jeanette Brown, Hank Show, Tex William Show, Jean Shepard shows - \$3.50/piece, \$1000/all. Joseph Nield, 17 Fourth St., Cumberland, MD 21502. (301) 777-8781

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.

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HOUSTON, TEXAS 77035**

TEL: (713) 728-4343

CLASSIFIED ADVERTISEMENTS

WANTED: Mint, original Philco 70. Also Philco Models 144, 51, 52, and 89. Joe Yanul, 9606 Troy Ct., Mentor, OH 44060. (216) 255-1952

FOR SALE: Early transistor portable sets. SASE for list. **WANTED:** Zenith Royal sets. Jerry Wilson, 2007 Water Edge, Birmingham, AL 35244

WANTED: Zenith advertising. Have Philco and pink Emerson tabletops to trade. Steve Hartwich, 8240 Summit, Kansas City, MO 64114. (816) 333-5305

FOR SALE: Grundig Satellite Model G50, cost \$1,000, mint condition - \$500. Gary Stejskal, 1412 26th St., NW, Cedar Rapids, IA 52405. (319) 396-0341, after 7 pm CST

WANTED: Old crank style phonographs, parts, horns, or junk machines. Any condition. Dave Faehrich, 8215 Stone Rd., Independence, OH 44131. (216) 447-0837

FOR SALE: RCA console RE73 combo - \$100. Zenith 75685 combo console - \$120. Philco console 20 - \$65. Not tested, cabinets need repair, must be picked up. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

WANTED: Zenith chassis 10A3 and 7A02. Will purchase or trade. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR SALE: Sony Earth-Orbiter - \$115. Coorscan radio - \$20. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

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P.O. BOX 23278 PORTLAND, OR 97223

CLASSIFIED ADVERTISEMENTS

WANTED: Working antique radios, Atwater Kent Model 5 to 55, RCA Radiola III, IIIA, any cathedral, horn/loud speakers. Kunio Okura, JA8BI, 8-3-7 Tokiwa, Urawa, Saitama, Japan 336

FOR SALE: GE Model 516F white plastic clock radio, same as page 125 of Johnson book, service manual included - \$18. Al Smith, 25 Stonehedge Rd., Lincoln, MA 01773. (617) 259-9351

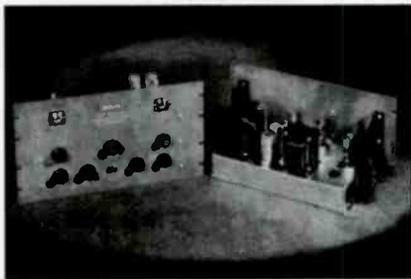
WANTED: Sonora Candid, camera-style portable (Blast, p. 278). Belmont Boulevard pocket radio. Michael B. Schiffer, 2718 E. 10th St., Tucson, AZ 85716. (602) 325-3532

FOR SALE: Bright green 1955 Motorola table radio Model 56R (Guide to Old Radios, p. 129), looks and works vg - \$50. GE Model 226, brown table radio (looks like Guide to Old Radios, p. 124), vg works - \$45. Radiola 100A speaker cabinet only, cloth torn - \$15. Dan Hays, 4 Monterey Dr., Newark, DE 19713. (302) 368-2138

WANTED: 50 carbon resistors, 2-watt, 2400 ohms. Anybody know name and address of dealer where these can be purchased? John Hranichny, 223 Hawthorne St., Roselle Park, NJ 07204

FOR SALE: Zenith Super Deluxe 10-tube battery chassis - BO. Emerson 612 table model TV - \$125/offer, can bring to Canandaigua. (3) American Carrier call intercoms, Type 3C, Deco style cabinets - \$50. Hallicrafters SX-99, good working condition - \$75. Add UPS, call for details. Rick Weibezahl, 305 Belvidere Ave., Washington, NJ 07882. (201) 689-3276

WANTED-1953 FISHER DYNAMIC NOISE SUPPRESSOR WIDE RANGE AMPLIFIER MODEL SA1



Built on two chassis. Unusual design uses four 7C5 output tubes. Wish to acquire example in good condition, with correct, functioning transformers. Also interested in other unusual monophonic Fisher equipment. Please contact:

Jim Shulman
39 Central Ave.
Paoli, PA 19301
(215) 648-0617

CLASSIFIED ADVERTISEMENTS

WANTED: Knobs for Philco 37-643. Federal 59 parts and literature. Black dial Zenith sets. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (201) 725-7476

WANTED: RBL 5 Navy Receiver Service Manual. John Webb, W6RCW, 12736 Erin Dr., Auburn, CA 95603

FOR SALE/TRADE: LSASE gets pictured list of 75+ radios (30's through 50's). Cash or trade for your old banjos, mandolins, guitars, etc. Bill Burkett, PO Box 1204, Peoria, AZ 85380. (602) 979-0452

WANTED: Atwater Kent 447 tombstone. Any condition. John Hayes, 27 Highland Dr., Henniker, NH 03242. (603) 428-3053

FOR SALE: Deco Sets: Philco 37-610 rounded end table model - \$110. Silvertone Table Model 4764, strong Deco lines, gold dial w/tuning eye, pretty radio -2 available - \$65 and \$85. Above plus UPS. **WANTED:** AK447 tombstone. John Hayes, 27 Highland Dr., Henniker, NH 03242. (603) 428-3053

WANTED: Pocket radios w/subminiature tubes, especially Belmont Boulevard, Ekeradio FM, Hastings FM. Michael B. Schiffer, 2718 E. 10th St., Tuscon, AZ 85716. (602) 325-3532, eves.

WANTED: McIntosh MA6 FM mpx adapter, Stromberg-Carlson 635A chassis, other tube audio too! Tim Fuss, 573 Grand Ave., Rochester, NY 14609. (716) 726-5608

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WANTED: AK 9 or 10, Aeriola Sr. & Jr., Chassis for Echophone 80 or 60. **FOR SALE:** Cathedrals: Philco 70 - \$200, Philco 20 - \$75, Philco 89 - \$140, Philco 60 - \$125, U.S. Model 24 - \$90. Assorted bakelites & horizontal wood sets: Nathaniel Baldwin tombstone w/ magic eye - \$75, Amrad Neutrodyne, cabinet & front panel only - \$40, early Philco transistor set - \$30, Pioneer SX434 stereo receiver - \$50. **FOR TRADE:** FADA 1000, Arvin Hopalong Cassidy. Gary Hill, 1507 Ridge Ave., New Castle, PA 16101. (412) 654-9335

FOR SALE/TRADE: Catalin Sparton Cloisennette 500, orange. Cyarts (2) reverse bullets, one red, one yellow, trade for Catalins. Many single Catalin knobs (mostly FADA), trade for others. Lairy Wilcox, 357 Gravatt Dr., Berkeley, CA 94705. (415) 548-7099

WANTED: Dial belt kits for resale. Need escutcheon or close-up photo of same for Gloritone 27. Need cross reference Zenith dial belt Part #TO G.G./J.F.D. All letters answered. E. Hoard, Box 38, Lehr, ND 58460

FOR SALE: Rare Nazi transmitting and receiving tube collection. SASE for list. Liberty Electro, 2321 Hazelwood, Ft. Wayne, IN 46806. (219) 482-1105

WANTED: Manual for Radio City Products Company Model 705 signal generator. Copy OK. Francis Donovan, Box 3, Medway, MA 02053

WANTED: UTC Linear Standard audio xfrms. Jon Lane, 913 Elliott, Grand Haven, MI 49417

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HARRY POSTER - (201) 794-9606 PO Box 1883, So. Hackensack, NJ 07606

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HELP: Someone out there has got to have a copy of the Kennedy 110 or 281 users guides. Please let me hear from you; I need Xerox copies for myself and a friend in Italy. Robert Lozier, 600 E. Green St., Monroe, NC 28110. (704) 283-2638

WANTED: FADA chassis for bullet. Need two white or yellow FADA knobs. Wanna trade? Scottie, Apt. 1007, 2309 Driftwood, Mesquite, TX 75150. (214) 279-6138, any time

FOR SALE: Make offer. FADA Model 1000, butterscotch color with white knobs, no chips or cracks. Pilot Model B-1, AM/SW, brown plastic cabinet. Neither one restored. Sidney Allen, Jr., 1908 Rosecrest Dr., Greensboro, NC 27408. (919) 288-4115

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WANTED: Gold grille cloth. Floor/console radios to restore. E. Mass./Boston area only. Also several 78's for sale. SASE for list. Phone or write: Tom Brennon, 215 Common St. Suite 3, Quincy, MA 02169. (617) 773-8356

FOR SALE/TRADE: Beitman television manuals 4, 5, 6, 7, 8, - \$10 ea. Rider manuals 7, 10, 11, 12, 13, 14. Eico Model #666 tube & television tester - \$25. VM reel/reel tape player - \$30. VM 4/track reel/reel tape player - \$35. All above plus UPS.

WANTED: Rider manuals 1, 2, 3, 4 (not abridged). Kenneth Gregory, 1525 Driskill, Beaumont, TX 77706. (409) 898-7270 after 5pm

WANTED

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Do you have any old amateur or commercial transmitting tubes worthy of saving for posterity? If yes, help us do same. Contact:

*Ye Olde Transmitting
Tube Museum*

P.O. Box 97, Crescent City, CA 95531
(707) 464-6470

CLASSIFIED ADVERTISEMENTS

WANTED: Base for AK Model H horn speaker, guts unimportant. AK Model 20C, mint condition. Gale Roberts, Box 152, Clyman, WI 53016. (414) 696-3491

FOR SALE: Edison Voicewriter w/100 records - \$300 plus UPS. Edison Envoy 578 portable recorder, perfect, w/Kennedy assassination tapes - \$75. Dale Parsons, 5312 Koontz Dr., Cross Lanes, WV 25313. (304) 776-2180

WANTED: Col-R-Tel color wheel, complete or any parts. George Mayne, 259 Clearwater Circle, Rochester, NY 14612

FOR SALE: 15 WWII T30 throat mikes w/ switches, connectors, PL-68 plugs, 1 set of instructions. - \$45/all. National 5886 power supply - \$50. Hallicrafters R46 speaker - \$40. RME DB-20 preselector, nice - \$110. William Ernst, 1619 Campbell Rd., Comins, MI 48619. (517) 848-5002

WANTED: Wire recorders any condition. 1" and 2" oscilloscopes. WE Type 600 or 373 carbon mic in the brass 1A, D case. Al Weiner, Monticello, ME 04760. (207) 538-9538

FOR SALE: Philco parts sets, bakelite TH-4 BO. Portable w/fan shaped dial - \$25. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

WANTED: Therenim articles, programs, schematics, recordings, etc. Also Stanwyck LHO-2, TV coils or equivalent. David McCornack, 613 9th Ave., #3, New York, NY 10036. (212) 757-3961

WANTED WWII GERMAN

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CLASSIFIED ADVERTISEMENTS

FOR SALE/TRADE: AK 84 escutcheon and knobs - \$40. Crosley 516 (F.O.S., p. 78) - \$75. Emerson cathedral Model J, 1932, 5 tubes, columns, tuning dial similar to AK 84 - \$150. GE tombstone S-22, 8-tube - \$150. Kolster K-20, 1928, table, AC, with Kolster spkr. - \$160. Philco 29/45 (F.O.S., p. 123, "45 & 28C") - \$150. Philco 57 (F.O.S., 125), exc. - \$100. Philco 66 tombstone (looks like F.O.S., p. 119, Model 60B) - \$100. Philco cathedral 84 (F.O.S., p. 119, 1936) - \$135. Philco tombstone 610 - \$110. Philco cathedral 37-84 - \$135. RCA 6T2 tombstone - \$50. Silvertone Midget cathedral 1800 - \$150. Stromberg-Carlson tombstone 58T (F.O.S.), exc. - \$160. Westinghouse H126 Refrigerator Radio (Collins' Golden Age, p. 63) - \$100. Zenith 6D015 (Golden Age, p. 71) - \$50. **WANTED:** Unusual bakelites, Plaskons, and Catalins. Shipping extra. Please do not send a check until you have contacted me. Send me your want lists. Steven Sandler, PO Box 32124, Baltimore, MD 21208-8124. (301) 922-9261

WANTED: Everybody's TV-Radio Handbook, Radio For The Millions, published by Popular Science. Electronics Made Easy, Radio-TV and Electronics Handbook, published by Popular Mechanics. Modern Radio Servicing by Ghirardi. Popular Mechanics, 1941-65. Paul M. Caudell, R5, Box 406, Nashville, IN 47448

FOR SALE: Hazeltine TR-1177 power transformer N.I.B., Signal Corps Z29607-43, 780 VCT 80mA, 6.3 VCT 10.3A, 5VCT 6A, 5VCT 2A - \$25 + UPS. George Cortelyou, 1409 Madison NE, Albuquerque, NM 87110. (505) 255-3347



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5. Rare barrel radio w/ nickel finish	350
6. Stromberg-Carlson All Wave selector, Model 69	145
7. Rider's #19	30

See you in Canandaigua!

SEE NEXT MONTH'S LIST FOR MORE!



CLASSIFIED ADVERTISEMENTS

FOR SALE: Mark's Extra Stuff!! Sonora-Splitdorf 5-tube TRF (V.R., p. 132), nice - \$225. Cabinet, no bezel, only for GE J100 cathedral, gc - \$50. GE J86 chassis only, rusty - \$20. RCA 5R3 chassis with dial - \$25. Arborphone Model 27, gc - \$65. AK-20C, gc - \$55. Polydyne 5-tube chassis, gc - \$55. Literature: Rider's 1-12 complete, rare full Vol. 1, 2, 3, in one binder, gc - \$175. Radio Engineering mags, Mar. '35-Oct. '36 - \$12. Radiocraft, Sep '34 - \$4. Citizen's Radio Call Book mag., Nov. '29, nice ads - \$10. Radio & TV Today, Sept. and Nov. '41 - \$3 ea. Mar. '31 and June '34 QST - \$3 ea. Fall '30 Radio Design, features Pilot Midget - \$10. Service magazine indexes, first time offered!, 1932-1948, over 50 pp. photocopy with order form for reprints; if you service 30's-40's you want this! - \$8 ppd. Almost forgot, Echophone Commercial, small dial damage, works - \$35. Now, start those phones ringin'! Mark Oppat, 167 Caster, Plymouth, MI 48170. (313) 455-4169, 9 am-10 pm EST

WANTED: Sams TSM Series manuals up to #50. 10" spkr. for AK 559, Part #36500. Bandswitch knob and 5 iron coil slugs for Hallicrafters S-40A. Grunow 12" spkr. 12G4-1 for Teledial. Large wood Zenith knobs for 1938 sets. **FOR SALE:** 3/4" dia push-on plastic knobs, red or brown - \$3/10. 10 issues 73 Mag, '67-'71 - \$3. Mark Oppat, 167 Caster, Plymouth, MI 48170. (313) 455-4169

FOR SALE: Hallicrafters S 47 - \$50, 65 lbs. Rek-O-Kut Challenger Disc recorder - \$75, cannot ship. Victor RE 75 radio-phono combo - \$475, cannot ship. AMI Jukebox amplifier, recapped - \$175, 27 lbs. Philco 48-250 - \$35, 12 lbs. Doug Houston, 3441 Hadley Rd., S., Ortonville, MI 48462. (313) 627-4141

MESSAGE: Would the party to whom I sold the Midwest phono combo at Elgin please contact me. I have some parts for it. Doug Houston, 3441 Hadley Rd., S., Ortonville, MI 48462. (313) 627-4141

FOR SALE: Radio Rider's: Vol. 1 - \$50. Vol. 1, binder poor - \$25. Vol. 5, binder torn - \$15. Vol. 8 - \$15. **WANTED:** Sherwood S-5500 IV amplifier. Mike Stephens, 454 Butler Rd., N.E., Warren, OH 44483. (216) 394-4515

FOR SALE: Knight Kit Model KG221 FM monitor receiver, 1965, w/manual 152-174 Mc. - \$15 plus UPS. Donald J. Sochurek, W191, S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

WANTED: Sams Photofacts Vol. 1-80. Also want Sams Record Changer Manual Vol. 1 and Rider's Record Changer Service Vol. 2. Thanks. Lee D. Warner, PO Box 5007, Massena, NY 13662

FOR SALE: Majestic floor Model 70-B. Victor radio Electrola RE-57 - \$125 ea. SASE. Pictures - \$1. Joe Matuska, 2523 Sunset Blvd., Steubenville, OH 43952. (614) 264-7806

CLASSIFIED ADVERTISEMENTS

WANTED: Tuner chassis for Victor R35, R39. Beer bottle radio. WWII Enigma machine. R. Foster, 12 Shawmut Ave., Cochoituate, MA 01778. (508) 653-2418

FOR SALE: Several bakelite radios from the 1940's - SASE or call. Also Philco Predicta 17" with original stand - \$350. Stuart Novick, 812 Oliver St., Woodmere, NY 11598. (516) 374-2637

WANTED: Escutcheon for GE Studio Lowboy, 1930 (F.O.S., p. 86). Working chassis for GE E-105. Philco 38-116 knobs. Spencer Doggett, 61333 North Ridge, Romeo, MI 48065. (313) 651-3811

FOR SALE: General Radio Precision condenser Type 722-M in hardwood box - \$50 plus shipping. Jim Barrows, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

WANTED: Want SST-5 (small WW2 CW xmtr.). Also companion rcvr. SSR-5. Any radio with SSR or SST designation. Gary Cain, W8MFL, 1775 Grand #302, St. Paul, MN 55015. (612) 698-4851

FOR SALE: Farnsworth ET061 table model - \$35. Mickey Mouse head transistor radio - \$20. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

WANTED: E. H. Scott and McMurdo-Silver sets. Any set in Imperial Grande or Napier console. Will be attending Canandaigua. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

CLASSIFIED ADVERTISEMENTS

FOR SALE: Knight Kit SW set - \$35. Freed-Eisemann NR5 - \$75. Sparton cathedral, 2 finials at top - \$125. Murdock Neurodyne - \$130. National FBX7 with 4 sets coils - \$200. All plus UPS. Send LSASE for list of 50 radios. Walter Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512

WANTED: Your prices, please look through your parts box for two All American Ranland "nonenclosed" audios (for Cutting & Washington 11A), two original audios for Kennedy 521, and left audio for Freed-Eisemann NR6. The Cookie Monster can't have eaten all these transformers! Please help. Prefer good ones but open windings okay, specify. Also want to buy good antique tubes, wireless books and gear (pictures appreciated, will return) and Modern Electrics (some trades available). Would like to correspond with (or meet at Canandaigua) other tube collectors. Marc Gottlieb, Box 1112, South San Francisco, CA 94083-1112

FOR SALE: Zenith 5808 console (F.O.S., p. 194). Zenith 3000-1 Trans-Oceanic. Two Zenith "75" tube-type hearing aids. Bendix 526C Catalin, green and black cabinet very good, wrong knobs. Radiola 3A, no tubes. Santa Claus doll radio, 23" tall, very good. Jewel Night Light radio. Crosley 66TA, wood AM-SW, very good. GE Mickey Mouse clock radio. Benrus clock radio, gold, very good, with owners manual. Philco 112 console, excellent. Spice Chest transistor radio, nice wood cabinet. 1927 Radio News Amateur Handbook. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

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REPRINT BOOKS ON EARLY RADIO - WIRELESS - TELEVISION TELEGRAPH - TELEPHONE

RADIO

- Archer, G.L., *Big Business and Radio*. The growth of radio from 1922 to 1938. 538 pgs.\$36.50
- Blake, G.C., *History of Radio Telegraphy and Telephony*. Early wireless schemes, developments and patents to 1928. 50-page bibliography. 449 pgs.\$35.50
- Codel, M., *Radio and Its Future*. 1930. A 1930's look into the future. A collection of articles including DeForest, Grunow, Kolster, Sarnoff, Maxim, Colpitts, Paley, Durstine and Codel. 375 pgs.\$28.00
- Dunlap, O.E., *Radio's 100 Men of Science*. 1944. Biographical narratives of pathfinders in electronics & television including Gilbert, Galvani, Faraday, Loomis, Hughes, Dolbear, Tesla, Hertz, Popoff, Nipkow, Branly, Jenkins, Conrad, Weagant, Kolster, DuMont, Olson. 330 pgs.\$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 pgs.\$29.00
- Report of the Chief Signal Officer: 1919*. A record of the telegraph, telephone and radio in WWI.\$46.50
- Military Signal Communications*. A two-volume anthology of early documents covering the history of military communication, the Civil War to WWII. Includes visual signaling, telegraph, telephone and radio. 2 vols., 750 & 625 pgs. ...\$71.50
- Signaling and Communicating at Sea*. A two-volume anthology of over 50 articles. Semaphores, pigeons, flashing lights, flags, radio, teletype. 2 vols., 480 & 524 pgs. ...\$73.00

TELEVISION

- Abramson, A., *Electronic Motion Pictures: A History of the Television Camera*. Mechanical TV to Zworykin to 1940's. 228 pgs.\$24.50
- Dinsdale, A., *First Principles of Television*. 1932. Complete technological history of television before 1932. 299 pgs.\$25.50
- Dunlap, O.E., *The Outlook for Television*. 1944. Records the evolution of television from 1925 to 1932. Includes 22-page chronology of Radio/TV from 640 B.C. 310 pages.\$24.50
- Hess, G.N., *An Historical Study of the Du Mont Television Network*. 1960. A search for why the fourth television network failed.\$19.00

TELEGRAPH TELEPHONE

- Bright, C., *Submarine Telegraphs: Their History, Construction and Working*. 1898. An account by a chief engineer, of early cable attempts, failures & successes. 819 pgs.\$57.50
- Casson, H.N., *The History of the Telephone*. A survey published in 1910 of the first 35 years of the telephone industry.\$27.50
- Electric Telegraph: An Historical Anthology*. The rise and progress of the electric telegraph from the late 19th century to recent times. A collection of early writings. 625 pgs.\$4.00
- Eyewitness to Early American Telegraphy*. Reprints of reports and letters of Alfred Vail from the 1830's and 40's. An invaluable primary resource. 288 pgs.\$25.50
- Fahie, J.J., *A History of Electric Telegraphy to the Year 1837*. 1884. A definitive history of the earliest telegraph systems preceding Morse. 566 pgs.\$38.50
- Prescott, G.B., *Bells' Electric Speaking Telephone*.\$38.50
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Oct-89

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- The Auto Radio: A Romantic Genealogy, Matteson. *Information, photos & ads from the early days of the automobile radio through the 1950's.* 316 pgs., hardcover. \$34.95
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- Crosley Catalog (reprint). *1923 catalog covering the early Harko through the XX models.* 32 pgs. \$4.50
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- ☞ Guide to Old Radios - Pointers, Pictures & Prices, Johnson. 1989. *The latest book by the Johnsons describes the history of radio and includes 350+ photos and a price guide to 3300 sets.* 128 pgs. NEW \$16.95
- Hertz: The Beginning of Microwaves, Bryant. *Photos and descriptions of Hertz's apparatus and experiments. A book prepared for the IEEE Hertz Centennial exhibit.* 50 pgs. \$15.00
- Los Angeles Radio Manufacturing, Paul. *History of radio manufacturers in the Los Angeles area from 1922 to 1942. Features Echophone, Gilfillan, Jackson Bell & 9 others.* 88 pgs. \$10.50
- Most Often Needed 1926-38 Diagrams (reprint). *Circuit diagrams for 600 of the most common radios of the period.* 240 pgs. \$11.95
- Official Radio Service Manual (reprint). *100's of pre-1930 circuits & notes.* 356 pgs. \$19.95
- Price Guide to Plastic Collectibles, McNulty. *Describes types of plastics, etc. Radio is 8 of 207 pgs.* \$17.95
- Radio Collector's Guide, McMahon. *Listing of 9,000+ radios made by some 1200 companies from 1921 to 1932. Gives manufacturer, year, model name and other info. No photos.* 264 pgs. \$11.95
- ☞ Radio Collector's Directory/Price Guide, Grinder/Fathauer. *An introduction to collecting plus a price guide. 1920-1941. Over 8500 models are listed, many with current (1986) prices.* 321 pgs. \$15.95
- Radio Craft - 50 Years of Radio (reprint). *Reprint of Golden Jubilee issue of 1938.* 144 pgs. \$14.95
- Radio Enters the Home, RCA (reprint). 1922. *The Aeriola Jr. and RC era.* 128 pages. \$12.95
- Radio Equipment & Supplies, Robertson-Cataract Electric Company (reprint). 1922 catalog of radios, accessories and other equipment. Includes RCA, Clapp-Eastham & others. 168 pgs. \$13.95
- ☞ Radios-The Golden Age, Collins. *Full-color book on the colorful Catalin and bakelite radios from the late 1920's to the early 1940's.* 128 pgs. \$14.95
- Radio Horn Speaker Encyclopedia, Paul. *Listing of horn speakers for over 320 manufacturers for the 1920's. Expanded information on ten manufacturers.* 80 pgs. Over 145 photos. \$11.90
- ☞ Radio Manufacturers of the 1920's, Vol. 1, Douglas. *The first of three comprehensive volumes. Vol. 1 covers A-C Dayton thru Ferguson.* 225 pgs. (hardcover: \$29.95) \$19.95
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- Radio & T.V. Collector's Guide Book, Biraud. *The "Vintage Radio" illustrated guide to European sets (very few British sets) from early wireless to the 1930's (a few later). Text is in both French and English.*
- Vol. 1 - Early History & Manufacturers A to P. 256 pgs. \$49.95
- Vol. 2 - P to Z & T.V., Speakers, Tubes, Loops, Parts & Novelties. 256 pgs. (expected soon) \$49.95
- S. Gernsback Radio Encyclopedia (reprint). *1927 classic encyclopedia on radio.* 175 pgs. \$11.95
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ANTIQUE RADIO CLASSIFIED, P.O. Box 2, Carlisle, MA 01741

(October-89)

CLASSIFIED ADVERTISEMENTS

WANTED: Philco 49-501 (F.O.S., p. 140). **FOR TRADE:** Emerson 520 brown-yellow Catalin for Emerson 502 black-yellow (same radio, different color scheme). David Mednick, 1450 Palisade Ave., Apt. 5-H, Fort Lee, NJ 07024. (201) 461-3082

WANTED: Aeriola Jr., Westinghouse Radiola AR, Western Electric 2B tuning unit. Must be original and in good condition. Will pay accordingly. Will be at Canandaigua in October. Tod Prowell, W3URG, 1073-15 Lancaster Blvd., Mechanicsburg, PA 17055. (717) 697-5227

FOR SALE: Atwater Kent 184 (1935) tombstone, works, finish needs a little darkening on top, Old English polish should do it - \$165. (F.O.S., p. 69) Philco 38-9 (1938) Art Deco with shortwave, setis dead. Could be on/off switch - exc. this model has real wood grain - \$100. Pure Philco styling! Also many other radios, books and tubes. Send 2 stamps for complete listing to Ron Boucher, PO Box 541, Goffstown, NH 03045. (603) 497-2988

WANTED: Hallicrafters T-54 TV receiver. Phil Birk, 330 Sophia, West Chicago, IL 60185. (312) 293-7277

FOR SALE: About twenty nice small bakelite and wood antique radios. Chucks, PO Box 598, New Haven, WV 25265. (304) 882-2220

WANTED: Zenith Cobra turntable, 78 rpm only, prefer manual play type. Wiliam Dowd, Rt. 2, Box 113, Bastrop, LA 71220. (318) 281-0587

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WANTED: Old acoustical type phonograph tone arms and reproducers, preferably Victor. Ernest D. M. Yeaw, RR#3, Tatamagouche, Nova Scotia, Canada B0K 1V0. (902) 657-2554

FOR SALE: Information for beginners who want to repair their vintage radio. Send SASE for list. Charles Ahr, 2291 Sylved Ln, Cincinnati, OH 45238.

WANTED: Victor 9-56 (1929), Victor RE156 (1930), or RCA Victor RAE79 (1931-1932). Please contact me if you have any of these for sale. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

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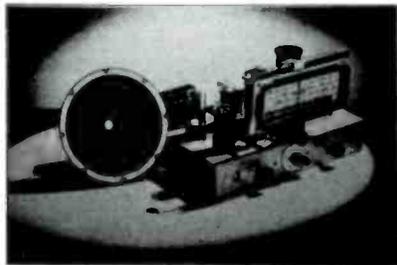
WANTED: Nostalgia books: Tune in Yesterday by Dunning, The Big Broadcast by Buxton and Owen. Jerry Simkin, 10 Avalon Ln., Matawan, NJ 07747

FOR SALE: Solid state vibrators for automobile radios, most base styles, catalog available, dealers welcome. Dan Schulz, PO Box 892, Crystal Beach, FL 34681. (813) 785-8733

WANTED: Bugs/keys - Dow rotatable, Bunnell Gold, Go-Devil, foreign and miniature. Jerry Scherckenback, 5952 South Elaine Ave., Cudahy, WI 53110

HELP: Please solve a mystery: Lloyd C. Greene Concert Selector, battery, three-dialer radio? Henry Rosenblatt, 603 Commonwealth Ave., Newton, MA 02159. (617) 527-4895

WANTED: Western Electric 211D. Hammarlund Comet Pro. Hallicrafters HT-7. Westinghouse RA. Chapman's Aiding The Snowbound. Brian Roberts, 3068 N. Evergreen Rd., Pittsburgh, PA 15237. (412) 931-4646



WANTED: HRTI, Hollywood Radio and Television Institute correspondence course kit radio. Circa 1948. Joseph Sousa, 38 Cornish St., Lawrence, MA 01841. (508) 689-8052

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WANTED: Old transistor radios. Small shirt-pocket 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

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FOR SALE: N.O.B. Olson power xfmr. #T-326, 240v @ 50 ma., 6.3v @ 2 amps. #T343 375v @ 120 ma., 6.3v @ 3 amps 5v @ 2 amps, others. Also N.O.B. Thordarson 6 and 12v vibrator xfmr. Why use 70v subs? I have N.O.B. Stancor output xfmr. #A-3878, A-8093. New 600v, 450v capacitors, generic knobs, misc. parts for restoring AC and AC/DC sets. Zenith consoles (pick up only) the small parts listed can be shipped via UPS. List available from Sue Coulter, 4200 Prince St., Bakersfield, CA 93301

WANTED: For Predicta G4242L: antenna, table stand and all knobs except channel selector. **FOR SALE:** TEK 556 scope with 1A4 plug-ins, VGC - \$250. Chuck Bennett, KA6UUP, 1501 Argonn Dr., Stockton, CA 95203. (209) 465-6542

WANTED: Base for AK L horn and Magnavox R-2. Cabinet for Philco 60. Lid and pull knob for Crosley 4-29. **FOR SALE:** Rider's 6-14 - \$15. ea. RCA Silverama picture tube counter mat. - \$10. Brian Wolf, 2901 West Blvd., #3, Belleville, IL 62221. (618) 234-0457

CLASSIFIED ADVERTISEMENTS

FOR SALE: Weston precision meters, multi range, single function, portable, current, voltage, watts, AC/DC. - \$400-800 new (really) - \$35. ea. used. Fully guaranteed. Write for list, include range desired if known. Tim Griffin, 4241 Palm Forest Dr., N., Delray Beach, FL 33445

WANTED: For Freed-Eisemann broadcast receiver: audio transformer Model 376 and schematic and technical information. Also want technical information and speaker requirements for Atwater Kent AK20. Frank Guyer, W2VSV, 1603 Brices Creek Rd., New Bern, NC 28562

FOR SALE: Never used boxed tubes. A lot of different types. Most are military. Also interested in buying late model test equipment. Write for tube list. Tim Griffin, 4241 Palm Forest Dr., N., Delray Beach, FL 33445

WANTED: Need one or both finials for each side of the speaker grille of a Kennedy Coronet Model 42 (see p. 51, Johnson's Antique Radios) or somebody who can reproduce the same. Ross Hulbert, Box 37, Creston, CA 93432. (805) 239-7762

FOR SALE: Novelty coach light radio, plays and other novelty radios. Russell Schoen, E7340 Nietzsche Rd., Clintonville, WI 54929. (715) 823-6744

WANTED: Hallicrafters SX28 or SX28A. Also silver panel Skyriders S16 through SX25. Larry Greisel, 318 17th Ave., Seattle, WA 98122. (206) 329-1804

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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.

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FOR SALE: Test equipment as removed from a TV-radio repair shop, all untested. Solar-exameter type 1-60 cap analyzer – \$40. Sprague Tel-Ohmike con and leakage tester – \$40. Oxford TARTAK con tester, .1 to 2,000 mfd – \$35. Precision E200 sweep gen. for TV-FM – \$65. CRT B&K Model 400 PIX tube tester – \$25. Sylvania Type 300 scope cal. – \$18. Win-tronix crystal calibrator w/2 crystals – \$18. Win-tronix dynamic sweep circuit analyzer – \$25. Philco signal tracer Model 7030 – \$35. TACO resonance indicator – \$10. Have 8-RCA VTVM – \$18. ea. Jackson signal gen. Model 640 – \$35. RCA chanalyst – \$65. Philco 7008 TV alignment 3" scope, marker and sweep gen. all in one case. Probes 1B – \$150. RCA TV sweep gen. WR59-B, 13 channel marker – \$25. RCA 3" scope Model 155-A – \$30. Heath Model 425 scope, 5" – \$25. Lot of 6 assorted pix tube brightners – \$15. Plus more test equipment. Write wonts, SASE. Just junked 4-model 55-C-AK sets parts for sale. Thordarson T31M 25-A Amp – \$25. AK788 chassis – \$40. Philco Model 71 chassis w/ tubes and shadowmeter, no dial – \$28. GE M56 chassis – \$20. Radiola 18 chassis coils-audios-no tune con. – \$15. Garrard AT60-4 speed rec player, no pickup parts changer – \$10. Black, 6"x18-1/2"x1/2" panel – \$6. 9-1/8"x18-1/2"x1/2" – \$10. More items next month ad. All plus UPS, minimum orders \$7.50. Have tubes, parts, service data for sale. List SASE. 1000's of unlisted items. Write wonts, SASE. Sales service since 1930. Krantz, 100 Osage Ave., Somerdale, NJ 08083

WANTED: Zenith Golden Triangle transistor clock radio, chassis 7A46Z1. Karl E. Ayer, PO Box 665, Thiensville, WI 53092. (414) 242-0571

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FOR SALE: Browning Labs frequency meter Model MJ-9, Pilot audio output transformer 394, Fleweling Tube Checker, Taylor T-55 and T-125 tubes. General Radios Experimenters, GE Ham News, RCA Ham Tips, MRL pamphlets & other books. Best offer. **WANTED:** Unmodified BC-348 receiver. Henry Galbraith, 1214 South Alvord, Evansville, IN 47714

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FOR SALE: AK Model 55C in Kiel table. GC-complete – \$100. Zimmerman, Box 222, Bridgeport, PA 19405. (215) 279-7232

WANTED: Knurl screws for binding posts on Paragon RA-10/DA-2 and OFF/ON switch for AK breadboard. Vintage Sounds, 3505 Del Sur Dr., Baytown, TX 77521. **FOR SALE:** Vintage Sounds has radios, tubes, phonographs, telephones, early light bulbs and literature! Visit us at the Trade Mart. Vintage Sounds, 2121 Sam Houston Parkway North, Houston, TX. (713) 468-4911

WANTED: These 1930's table radios for my collection: Majestic 463 (chrome Deco "M"); Zenith S-829; Zenith 835-A; Zenith 288; Atwater Kent 447; Stromberg-Carlson 140-H. These cabinets needed: GE K-80; Metrodyne Super Six battery set. Lloyd B. Zimmerman, 8448 No. Harding Ave., Skokie, IL 60076.



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WANTED: McMurdo-Silver 801, 801B, 802. Hallicrafters S-29, S-39. National NC-66. Alvin Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

FOR TRADE: FB7 coils, 40M for 80M. **FOR SALE:** Rycom VLF receiver - \$85. **WANTED:** Guthman U-50. Wayne Steiner, NØTE, Rt. 1, Box 114, Burlington, KS 66839. (316) 364-5353

WANTED: Atwater Kent breadboard radios and parts, any condition, basket cases OK. Get my price. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

FOR SALE: National NC-400 receiver w/manual - \$155. Hickock manuals 180X and 203 - \$7.50 ea. ppd. Ward Becht, 625 Tufts Ave., Burbank, CA 91504. (818) 842-3444

WANTED: Key company catalogs, brochures: Melehan, Hills, old Vibroplex, Logan, Dow, Brown Bros., etc. Tom French, W11MQ, 120 Great Rd., Maynard, MA 01754. (508) 897-2226

FOR SALE: Tubes, earphones, books, crystal detector, telephones, and radio parts. Send SASE for list. Harry Cap, 190 Beech St., Bridgewater, MA 02324. (508) 697-8648

WANTED: The following parts for an AK37: grid leak 2 megohms, detector plate resistor one megohm, vol. conf. knob. **HELP:** Need a wood shelf for a Stromberg-Carlson wall phone 1901. William Albohn, 150 Walter Ave., Thornwood, NY 10594. (914) 769-0445

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WANTED: Micro-transistor radios, less than 2"x2", eg. Standard Micronic Ruby. Karl E. Ayer, PO Box 665, Thiensville, WI 53092. (414) 242-0571

FOR SALE/TRADE: U.S. Patent Office records, alternating current motors including Tesla's, 1887-91. Also British Pat. Off. abridgements of specifications, electricity, regulating and distributing 1867-83. Also lamps and furnaces, 1884-96. **WANTED:** Almost anything radio 1920's and 1930's. Eckert, 10 Fairfield Ave., Albany, NY 12205. (518) 459-7407

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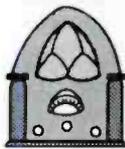
FOR SALE/TRADE: MacIntosh 1700 tuner-amp. Dynakit Stereo 70. RCA 66X2, 85T4, 100-A Westinghouse K412W and refridge radio GE 50. Belmont 6D121. Arvin 840T. Admiral RS-35. Bu-lova 300. Zenith 6G05-8C01-5D611. Motorola 56CC. Sentinel 175BT. "TV" clock. Firestone S-7426-9. Tele-Chek CR118. Hammarlund HQ-120. Want Collins or Drake gear and telegraph items. Ron Follmar, 1409 W. Willis, Alvin, TX 77511. (713) 331-1074

WANTED: Emerson Mickey Mouse 409/411, Snow White Q236, RCA World Fair Radio, Spartan Cloisonne 500, AK 9C Breadboard. Cash or Trade. Jim Thompson, 4238 15th Avenue So., Minneapolis, MN 55407. (612) 822-4000

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WANTED: Speaker for Gloritone Model 26, also wafer type tube socket for Philco Model 37-60. Jim Walker, PO Box 208, Victoria, TX 77902. (512) 572-3406

FOR SALE: Hallicrafters SX-28 Super Sky rider, excellent condition including manual - \$150. C. Stalberg, N6DJR, PO Box 5374, Santa Rosa, CA 95402. (707) 585-1662

WANTED: Dial pointer for Crosley radio phono Model 83CQ. I can send actual size drawing. George Bittner, 147 Longvue Dr., Pittsburg, PA 15237

FOR SALE: Test equipment, tubes, parts, manuals, etc. For current sale flyer, send \$2.00, refunded with first order, to: R&D Associates, 514 1/2 West Ave., North Augusta, SC 29841. (803) 278-0744

WANTED: Zenith Royal 500 series radios. Color and chassis number are important. Condition must be good to excellent. Karl E. Ayer, PO Box 665, Thiensville, WI 53092. (414) 242-0571

FOR SALE: Have several console radios for sale. I live just 30 miles from Canandaigua and will deliver to the meet. #1-1930 GE, overall excellent condition (Guide To Old Radios, p. 63) - \$85; #2-Philco Model 37-620 - \$65; #3-Philco Model 42-300 - \$90; #4- Stewart-Warner - \$60; #5-Emer-son - \$85; #6-Philco chairside, walnut case, chrome push button - \$100; #7-U.S. radio console - \$55. Ralph D. Howard, 1 Church St., Dansville, NY 14437. (716) 335-8746

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WANTED: Rider's radio manuals; Volumes 19, 20 and 21. Brass dial Bezel, knobs for Philco 37-62. Owner's manual and tube charts for Knight KG-600B tube tester, (copies OK). Dan King, 1230-B Juniper St., Gilroy, CA 95020. (408) 847-1345

FOR SALE: Eico 625 tube tester - \$15. Motorola (plastic) Model 5H1 - \$12. Airline Model 14BR-629A portable radio/phonorecorder. B&K CRT's: Models 400, 440, 445 - \$15 ea. Grommes Little Jewell audio amp - \$20. Dumont Type 304-A oscillograph - \$15. Precise Model 300 oscilloscope - \$15. RME RF amp Model DB-22-A - \$25. Philco 46-132 battery set - \$10. Philco and Westinghouse suitcase portables - \$10 ea. Wat-terson Model 422 battery set - \$15. Silvertone Model 7108 battery set - \$10. Philco 39-30 table set - \$25. Philco plastic battery radio - \$5. Zenith 5H40 Trans-Oceanic - \$25. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 387-6764

WANTED: Scott Symphony (1929) - AC or DC version, or both! Call Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249, collect

FOR SALE: Crosley 50 - \$125 + UPS. **WANTED:** Factory crystal sets. Raymond Schober, 4503 West Dr., North Little Rd., AR 72118. (501) 771-1480

FOR SALE

Citizens Radio Call Book Magazines

Vol. 7	1926	Spring & September
Vol. 8	1927	Mar., Sept., Nov.
Vol. 9	1928	Jan., Mar., Sept., Nov.
Vol. 10	1929	Jan., Mar., Sept., Nov.
Vol. 11	1930	Jan., Mar., Sept., Nov.
Vol. 12	1931	Jan., Mar.

Radio Listener's Guide And Call Book

Vol. 1 - 1926 Winter edition
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Scottsdale, AZ 85253 - (602) 947-1375

CLASSIFIED ADVERTISEMENTS

WANTED: Info for Motorola A-1 portable. Jim Riff, 81 N. Ela Rd., Barrington, IL 60010. (312) 576-4897

FOR TRADE: Rare Norden-Hauck Admiralty Super-Twelve fourteen-tube receiver in factory-issued cabinet in excellent original condition. I will be considering trades for either an E. H. Scott Philharmonic in a cabinet or a McMurdo-Silver Masterpiece in or on a cabinet. I will bring this set to the Canandaigua Meet if anybody is interested. Pictures are available upon request. Craig Korpak, 9130 Silver Lake Rd, Linden, MI 48451. (313) 735-7264

WANTED: Tube roll or copy for Eico tube tester Model No. 628. Dick Bergeron, Box 311, Essex, VT 05451

FOR SALE: Radiola RC fair - \$65. Radiola 103, fair - \$35. Crosley 51P, good - \$100. Two home built radios. SASE for details, pictures. Ken Shipley, 3805 Camino Sacramento, Albuquerque, NM 87111. (505) 298-3860

WANTED: Trans-Oceanic, R 600L or T 600L. Leather covered, mint cabinet condition, complete and original. Mr. & Mrs. Charles W. Rhodes, 64 South River Rd., Edgewater, MD 21037. (301) 266-3691

FOR SALE: A complete radio Cyclopeda 1925 call book. New Crosley book type tuning condenser. O1-A tubes. Russell Schoen, E7340 Nietzsche Rd., Clintonville, WI 54929. (715) 823-6744

CLASSIFIED ADVERTISEMENTS

WANTED: Eveready Model 2 speaker. Old flashlights. Old catalogs with flashlights. Bulb lighted clocks. Bill Utley, 7616 Brookmill, Downey, CA 90241. (213) 861-6247

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

FOR SALE: 69 years collection; 10,000+ items, antiques, radios, televisions, phonos, sound, military, ham, catalogs, flyers, books, 48 pages - \$1. refundable. F. Yonker, W21BH, 7 Old Farms Rd., Saddle River, NJ 07458. (201) 825-1895

WANTED: Zenith Trans-Oceanic 600L series, In oxblood leather case. Want mint or near mint. Also looking for old QSL cards. John R. Parker, 6426 N. Silvery Ln., Dearborn Heights, MI 48127. (313) 561-6376

FOR SALE: Rider's 8-21. Hickock 209-volt-ohm-capacitor milliammeter. Hickock 156-indicating tracer. Hickock 532 dynamic mutual conductance tube tester. RCA senior volttohmyst. Speco capohmyst. Crosley showbox, 66T and 53 chassis. Clarion 60 chassis, misc. radios and parts. Want to buy: knobs, Silvertone 4427A, 2511, and 6023. D. Koehn, 2200 Elmer's Ln., Norfolk, NE 68701

WANTED: Montgomery Ward Model 62-197 receiver. This radio has two chrome-plated chassis with two speakers and sixteen tubes with a round airplane type dial. Craig Korpak, 9130 Silver Lake Rd., Linden, MI, 48451. (313) 735-7264

WANTED

ELECTRON TUBES - ST SHAPE

50, ST19, large size	\$30	80, ST14	\$4
45, ST14	15	2A3, VT-52, VT-62	6

ANTIQUe GLOBAL SHAPE TUBES

37/237	5	145/245/345	15
250,350,450	30	210/310	10
80/280/380	10	UV202, Tip, Brass Base	25
UV201, Tip, Brass Base	12	UV216, Tip, Brass Base	20

TRANSMITTING TUBES

211/VT-4C/RS237	15	845/845W	30
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WESTERN ELECTRIC TUBES

101D, F, G/102D, F, G, E/216A/104D/D86326/D86327 Tennis Ball	20	VT2/205B	35
VT1/203B	20	101D, F/102D, F/104D, ST	6
205D, E, Tennis Ball	40	205F, ST	15
244A	6	262A/262B	10
252A	100	274A/274B	30
271A	30	300A/300B	80
275A	30	339A	20
348A	10	349A	6
350B	30	211D/211E	40
242C/261A/276A	25	284D	70
212D/212E	70		

TRIAL ELECTRIC PRODUCTS, INC.

201 Common City Yotsuya, 4-13 Suga-Cho, Shinjuku-Ku, Tokyo 160 Japan

CLASSIFIED ADVERTISEMENTS

WANTED: Dial escutcheon for Philco 70 cathedral. Also chassis for Arvin Model 40 (F.O.S., p. 60). Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

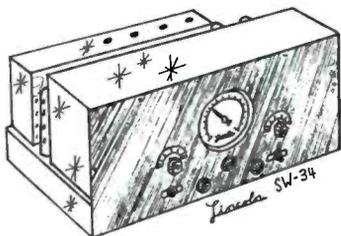
FOR SALE: RCA T7-5 tombstone. Cabinet/chassis vg, sensitivity and selectivity taps, sound excellent - \$135 plus UPS. Robert Rathbone, N1AHR, RD#1, Box 127, Ossipee, NH 03864. (603) 539-2762

WANTED: Dial cover and nameplate for Majestic Melody Cruiser radio and Continental piano case. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5. (519) 753-5087

FOR SALE: GE 1940 #L660 wood, chrome escutcheon - \$60. Emerson, 1947, #561B, brown bakelite, streamlined, clean - \$80. Silvertone, 1946, #3561, swirl plastic, tape measure dial, 2 broken louvers - \$75. Brewster (by Meissner), 1946, brown bakelite, gold trim - \$70. Crosley, 1950, #10-135, white, chrome trim - \$85. Firestone, 1940's, #A340, modern walnut, bowed grille - \$55. Berkshire, 1930's, Deco AC/DC, nice - \$60. No-name 1930's line cord, wood, trapezoid-shaped, works - \$60. Philco #84, 1934, works, cabinet fair - \$125. SASE for others. Ripley, Box 9374, North St. Paul, MN 55109. (612) 777-6791

WANTED: AK 50, have cash and/or trade items: green and black Bendix Catalin 526C, brown swirl Emerson Catalin 520, Stewart-Warner cathedral 102A. Bob Nicholson, 3423 S. Long, Topeka, KS 66605. (913) 266-9473

WANTED:



This chrome-plated Lincoln Model SW-34 radio in any condition from dusty to rusty!

I will also trade various premium radios for Lincoln radios, chrome plated or not!

Please remember me when it comes to Lincoln radios!

I will also purchase Lincoln radios.

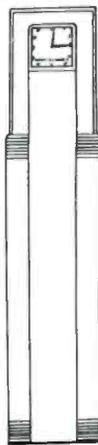
Craig Korpak - 9130 Silver Lk. Rd.
Linden, MI 48451 (313) 735-7264

CLASSIFIED ADVERTISEMENTS

FOR SALE: Homebuilt 4-tube battery set, good tubes and trans., wt. 24 lbs. - \$45. Old candlestick brass telephone - \$75. Jewel bakelite clock radio, works good - \$25. Philco portable Model 46-350 radio - \$35. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

WANTED: Will the man who bought the RME 69 L.S.1 manual 25 pages from Ward Becht in Calif., please contact Daniel H. Dean, Sr., 21826 So. Seine Ave., Hawaiian Gardens, CA 90716

FOR SALE: GE M-81 large dial multiband Deco tombstone, gd. cond. untested - \$65. Zenith 4B-231 tombstone, restored, exc. cond. - \$50. Philco 40-115, restored, exc. cond. - \$30. Wilcox-Gay portable recordio, gd. cond. - \$20. Magnavox TRF-50 chassis, knobs and panel, very gd. cond. - \$45. Two large 1930's Jensen A-12 electrodynamic speakers, exc. cond. - \$25 ea. Three new RCA 1616 xmtr. tubes - \$10 ea. Army Signal Corps phones Mod. R-14 - \$10. Cannonball Empire phones - \$5. Old Triplett tube tester and charts, very good. cond. - \$10. Small old EMC tube tester, gd. cond. - \$10. Early TV book, Television With Cathode Rays by Arthur Halloran - \$20. Old International Resistance Co. volume control kit, colorful tin box w/drawers, mint cond. nearly complete - BO. Larry Schiebel, 5834 Balsam Rd. #3, Madison, WI 53711. (608) 276-7768



WANTED: See drawing. Clock face for Westinghouse WR8 grandfather clock radio or whole set. John Kendall, PO Box 436, Fallston, MD 21047. (301) 879-0657

FOR SALE: Grand opening new vintage radio shop. "Radio-Fanatic" specializes in 1930-1950 sets. Bought-sold-traded-restored. Located near Exit 137 of the New Jersey Turnpike, minutes from N.Y.C. Rosell Antique Center, Aldene Road, and First Street, Roselle, NJ. Open Thursday through Saturday 12-7, Sunday 12-6. Call for more information: Steven Caiti or Steve Martin, 1030 73 St., Brooklyn, NY 11228.

(718) 921-0316, home, or (201) 241-9034, shop

WANTED: Wood Z knob for Zenith 7S240 vol. control. Zenith magnetic speaker Mod. 6V27 for 6-volt farm radio Mod. 6V27, or chassis and speaker or junker. Aluminum Zenith tube shields. Magnavox decals. Hold-down clip for Trans-Oceanic wave rod. Gold painted steel Zenith tube shield. Brown push-button knob for Philco 41-226. Larry Schiebel, 5834 Balsam Rd. #3, Madison, WI 53711. (608) 276-7768

CLASSIFIED ADVERTISEMENTS

FOR SALE: Federal Jr. — \$180. Aeriola Sr. — \$125. Bristol 1-tube amp. — \$125. All plus UPS. Dave Crocker, 2 Wheeler Cir., Canton, MA 02021. (617) 828-6183, eves.

WANTED: Dial for 1934 Philco console, 116 (222) or entire radio for parts. Dean Karraker, 1403 Timberwood, St. Louis, MO 63146. (314) 872-7167

FOR SALE: N.O.S Zenith speaker replacement cone and voice coil assemblies. Have hundreds, all sizes — Make offer. Call George at Antique Electronic Supply, 688 W. First St., Tempe, AZ 85281. (602) 894-9503

WANTED: Morris coil winder, complete. Don Swanson, 630 Burgess Rd., Pensacola, FL 32504. (904) 476-5160

FOR SALE: Rider's 1-15 — \$155. Zenith tombstone 5S29 (F.O.S.) — \$110. Base/drivers Magnavox R3D — \$35. Magnavox M-4 — \$45. Philco Jr., nice condition — \$110. Philco 84, nice condition — \$120. Detrola cathedral — \$125. Steinite cathedral type — \$110. UPS additional, pictures — \$1 ea. SASE. Joe Szabat, 1019 Hiland Ave., Coraopolis, PA 15108. (412) 264-7498

WANTED: Michromhos [?] meter for Hickock tube tester Western Electric KS-15750 List 1. Movement must be good. Advise. Henry Galbraith, 1214 South Alford Blvd., Evansville, IN 47714. (812) 476-7601

FOR TRADE: 430 antique 78 rpm records, 1900-1930, all very good to like new. Wholesale value over \$800. What do you have to trade? John Snow, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194

MESSAGE: Would the person who had the Philco 20 cathedral for sale on Saturday at this year's Radiofest please contact me. Am interested in purchasing if still available. Thanks! Ron Ramirez, 807 Maple St., Providence, KY 42450. (502) 667-5440

FOR SALE: Many loose Sams Photofacts, #300's, #400's, and #500's — \$2 ea. plus postage. Need list? **WANTED:** Base unit for Magnavox R3-B (late), R3-C, or R3-D horn speaker. Sam H. Jansen, 304 California Ave., Arcata, CA 95521

WANTED: Melody Crusier, ship radio, incomplete, broken, partial, bare cabinet, parts set, missing pieces, any condition considered. Price and describe what's there or what's missing. John Hutchins, 9417 N. Rich Rd., Alma, MI 48801

FOR SALE: Wave Master 5-tube receiver mfg. by Kellogg Switchboard and Supply Co., exc. cond. Zenith Trans-Oceanic, Model G500, vg, extra tubes. R. L. Ludlum, PO Box 1308, Martinez, CA 94553. (415) 228-1142

CLASSIFIED ADVERTISEMENTS

FOR SALE: Aeriola Jr. crystal set, cathedrals, tombstones, plastic radios. Send SASE for list. John Miller, 7437 Jeffery Ln. S., Cottage Grove, MN 55016. (616) 459-6786

WANTED: Desperately. A dial scale for Philco 37-650. Gary Chehames, 227 Clubhouse Dr., Willingboro, NJ 08046. (609) 877-5218

FOR SALE: Devry Electronics Course, 90 booklets, 1965 ed. — \$30 + UPS. Stan Marlin, PO Box 1035, Assiniboia, Saskatchewan, Canada S0H 0B0. (306) 642-3824

WANTED: Subscribers to a humorous news-⁵letter about audio and record collecting. Send 25c stamp for free copy. Audio Carpetorium, 111-32 112th St., South Ozone Park, NY 11420-1026. P.S. If you've already sent your stamp, you should have it by now.

FOR SALE: Pilot TV, excellent, has picture and sound, needs adjusting — \$225. Catalin Emerson 520, near mint, working — \$225. Philco 84 cathedral, nice original finish, works fine — \$150. Guild Country Belle radio, looks like wall crank telephone, looks fine, works super — \$150. Zenith H500 Trans-Oceanic, looks good, works super — \$55. Good/used 01-A's — \$5. New 4.0 at 200 VDC caps. — \$1/2. AK 66 chassis, clean, untested — \$30. Tubes, heavy UPS. AK varicoupler for breadboard, near mint, but no front panel — BO. **WANTED:** Outside horn phonos and parts and Crosley Pup, the promotional statue, not the radio. J. L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229

ABBREVIATIONS USED IN CLASSIFIED ADS

amp. — Amplifier	ppd. — Postage Paid (included in price)
BC — Broadcast	PS — Power Supply, also "pwr sup"
BO — Best Offer	rcvr. — Receiver
ca. — circa	SASE — Self Addressed Stamped Envelope (Suggest sending a long, No. 10, envelope)
ea. — each	SW — Shortwave
(F.O.S., p. ?) — See page ? in the book <i>Flick of the Switch</i>	UPS — United Parcel Service
LSASE — A Long SASE (see SASE)	(V.R., p. ?) — See page ? in the book <i>Vintage Radio</i>
LW — Long Wave	w/ — with
MO — Money Order	w/o — without
N.I.B. — New In Box	xcvr. — Transceiver
N.O.S. — New Old Stock (Unused, that is new, original, vintage items)	xfmr. — Transformer
O.T.B. — <i>Old Timers Bulletin</i> published by Antique Wireless Assoc. (A.W.A.)	xmtr. — Transmitter
OB — Original Box	xstr. — Transistor

BY POPULAR REQUEST

CLASSIFIED ADVERTISEMENTS

WANTED: Emerson chassis 409, 410, 411. Majestic chassis, 15, junker OK just need IF's 1 and 2. Bob Barnes, Box 275, Monroe City, MO 63456

FOR SALE/TRADE: Cathedrals: Philco 20, vg - \$145. Philco 37-84, exc. - \$125. Philco 70, exc. - \$325. Philco 90, exc. - \$425. Philco 91, exc. - \$295. RCA 128, vg - \$225. RCA 143, vg - \$395. RCA Radiolette, exc. - \$195. General Motors Little General, vg - \$225. Colonial tombstone w/ chrome inlaid front - \$165. Philco 38-4 Art Deco oval-shaped chairside, very sharp, restored - \$225. TV's Admiral bakelite floor model, vg cond. - \$225. Philco Predicta, blond 21" table set - \$375. Philco Predicta 17" metal table set - \$395. Plastics: FADA open-face bullet, color-restored plum/white trim - \$825. DeWald Lyre brown/yellow swirl - \$475. Majestic 511 grey cabinet w/ green & burned orange swirl with mirrored clock face grille - trade. Addison "small" model brown cabinet w/khaki trim, mint - \$275. Majestic advertising clock says "Majestic - the world in your home" w/green globe on face, early 1930's, very nice - \$225. **WANTED:** Catalin, novelty, mirrored and unusual/early bakelite sets. Chrome front sets and any Kadette bakelite radios. Call or write for my top offer. Vintage Radio and TV collected, bought, sold, traded since 1979. Will deliver/pick up at Canandaigua. Steven Caiti, Radiofanatic, 1030 73 St., Brooklyn, NY 11228. (718) 921-0316

WANTED: Several crystals: 456Kc, 540Kc (chan. 388 or 389), 262 to 265Kc, 260Kc, 252Kc, 10Kc. Also circuit for AM-FM Model 24 KLH, for AM part only. Ray Larson, 12241 1/2 Gorham Ave., W. Los Angeles, CA 90049

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Contains 5 colors with brush in each cap. easy to use with full instructions. Larger size bottles and other colors available.

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14110 W. 107th Street, Lenexa, KS 66215

CLASSIFIED ADVERTISEMENTS

WANTED: National SW-4, -45, HFC, LC-3, NHV, NCC-10 coil cabinet, etc. Cash or trade old sets. Robert Enemark, Box 1607, Duxbury, MA 02331. (617) 934-5043

FOR SALE: Telefunken Jubilate 205 - \$50. Want Collins rcvrs. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

WANTED: Kadette Classic Plaskon radio, three-color 1937 set, any color. Also other Kadette bakelite sets. Steven Calati, 1030 73 St., Brooklyn, NY 11228. (718) 921-0316

FOR SALE/TRADE: Taking the following novelty transistors to Canandaigua. Miracle Whip, Ray-O-Vac battery, Mark Twain river boat, Mickey in red VW, Mickey in armchair, Rolls Royce, Coke can, train engine, sweet secrets, Cabbage Patch, piggy bank, toilette, Holly Hobbie and many more. Also Dahlberg pillow radio. **WANTED:** Transistor and tube-type novelties. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5. (519) 753-5087

WANTED: The New England Antique Radio Club wants you! Don't miss our big Fall Swap & Sell Meet Saturday, October 21, Resurrection Center, Nashua, N.H. 8 am - 1 pm. Over 60 tables! Two radio contests! Restoration seminar! Be There! For more Swap Meet or membership info, call or write: NEARC, PO Box 809, Contoocook, NH 03229. (603) 746-6127

FOR SALE: Five-page list of cheap radios, parts, books, magazines. Free with SASE. P. Majewski, PO Box 92, Tamaqua, PA 18252



WANTED: Philco 37-640 console radio. Send SASE for radio and literature list. Robert Wiczkowicz, PO Box 86, Craryville, NY 12521. (518) 325-5307

WANTED: Paying 75¢ ea. + shipping for N.O.S., clean Sprague Vitamin Q capacitors, radial leads, any value but only 400/600/1000 volts. Walter Bender, Rt. 3, Box 692, Crewe, VA 23930. (804) 645-8816

FOR SALE: Large, Philco radio-bar in excellent, original condition. No glassware. Offers. George Bosch, 2965 Knights Ave. W, Tampa, FL 33611. (813) 223-4900, days, (813) 831-9461, evenings

WANTED: 165R4 ballast tube, black knobs for Emerson Model 547. Richard C. Moore, 131 Fairview Dr., St. Charles, IL 60174

CLASSIFIED ADVERTISEMENTS

WANTED: Magazine with an ad for Frost Fones, containing the caption: "Who's the varmit that stole my Frost Fones." Douglas Lee, 44 Sculley Sq., Wheatfield, IN 46392

HELP: Need manual and supplement for Hickock 600 tube tester. Xerox OK. Dennis Schrank, 3129 S. Quincy, Milwaukee, WI 53207. (414) 744-3374

Classified Ad Deadline Noon

Oct. 10 for Nov. 1989 Issue

Nov. 10 for Dec. 1989 Issue

Box & Photo Ads - 5th, Display Ads - 1st

WANTED: Broadcast quality mics. All types wanted with special emphasis in ribbons. Write or call. Carl Howard, 4603 Hunt Club Dr. #2D, Ypsilanti, MI 48197. (313) 434-0824

FOR SALE: Pilot AC Super Wasp, very good condition. Charles Stinger, 404 Ross Ave., Hamilton, OH 45013. (513) 867-0079

WANTED: Radiola AR 812 battery compartment covers or good cabinet for parts. Cathrin Callas, 3800 Elston Dr., San Bruno, CA 94066. (415) 359-1639, eves.

FOR SALE: An unusual novelty radio. It's a framed 28"x22" Robert Wood painting of a country scene. The tube type radio and speaker are built into the ornate wooden frame, with hidden controls. Labelled "Masterpiece," frame and painting excellent, radio plays fine. A rare and beautiful set. Accepting offers until October 28, 1989. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

WANTED: 20's battery sets, etc. Paying \$7 for N.I.B. 01-A tubes. William Smith, 16001 Dusty Ln., Accokeek, MD 20607

FOR SALE: Very early Sears solid state mini television, working - \$50. Philmore Little Wonder crystal set - \$25. TV-7 tube checker, nice - \$65. Waltham cathedral, grille consists of script "W" made in L.A. - \$250. **WANTED:** Pilot and German radios. Bill Moore, 1005 Fieldstone Ct., Huntsville, AL 35803. (205) 880-1207

WANTED

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Radio Acetate Cut Discs
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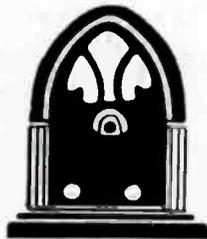
Steven Smolian
8807 Postoak Road
Potomac, Md. 20854
(800) 228-7833

CLASSIFIED ADVERTISEMENTS

FOR SALE: QST 1920-1927. 20's era tubes (tested). N.I.B. 30's era tubes. Box lot of transmitting/industrial tubes 30's-40's. 14 30's era WE tubes. Pink Philmore xtal set (no dome). WE horn microphone. Shure Bros. mike, 40's. Knight Star Roamer SW set, 50's. All priced reasonably, SASE for lists. **FOR TRADE:** Clapp-Eastham RZ, good condition. **WANTED:** BC-14A. Federal 58. Grebe CR-3, CR-5. Antique tubes in any quantity. Victor Smith, 147-29 Hoover, Briarwood, NY 11435. (718) 523-7059

WANTED: Antique Radio Classified volumes; 1, 3. R. Chenez, 47 Lake St., Apt. A605, Gardner, MA 01440

FOR SALE: Majestic 254 Brucewood grandfather clock radio, excellent condition, 9-tube chassis restored, no ship - \$495. Radiola 103 speaker, tapestry near perfect, VR209, 10 lbs. - \$90. AK 184 tombstone, (F.O.S., p. 69), original finish, restored chassis, 22 lbs. - \$235. AK33 with tubes, vg, untested VR76, 20 lbs. - \$95. Crosley Dynacore Type F speaker, gc, VR207, 8 lbs. - \$40. Firestone Air Chief, PB's, BC/SW, refinished, restored, 20 lbs. - \$45. Home brew 2-slide RF tuner, no crystal or whisker, 4 lbs. - \$30. GE X-225A wood BC/SW, 13 Lbs. - \$35. Gilfillan 56B wood, plays, 10 lbs. - \$20. Stromberg-Carlson C-3 unique ivory clock radio, 7 lbs. - \$35. Zenith S-16729 brown plastic clock radio, works, 8 lbs. - \$15. Magazines (Radio/TV News, Radio Electronics 50's), tubes, parts, literature, novelties, etc. SASE please to: Stan Lopes, KB6LGV, 1201-74 Monument Blvd., Concord, CA 94520. (415) 825-6865



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CLASSIFIED ADVERTISEMENTS

FOR SALE: TV collectors. I am selling my books on television 1935. Sanning books. Rider. Sams. List for SASE. Please. Russ Olmsted, 608 W. Thompson Ln., Murfreesboro, TN 37129. (615) 893-5344

WANTED: Tuning condensers and RF coils for Atwater Kent breadboards. Richard Bury, PO Box 25, Gurnee, IL 60031. (312) 623-7746

FOR SALE: Lighting system circa 1910 c/w 32v DC tungar charger, 16 Exide KXG5 cells. Casey Norrissey, 1319 Kenwood Ln., Charlottesville, VA 22901. (804) 293-5068

WANTED: Small tuners and amps using tubes made by Radio Shack of Boston, need not work. Also old Radio Shack catalogs and flyers. P. Majewski, PO Box 92, Tamaqua, PA 18252

FOR SALE: Philco 41-245 - \$85. #60 cathedral - \$200. Majestic TS-433 AM & SW - \$135. Guild #785 Grafonola - \$235. List available. All nice + P&H. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, eves.

WANTED: SW-3 bandsread coils: 61A (20m.), 65A (160m.) and especially 64A (80m.). John Wennich, K2RY, 2411 Pole Bridge Rd., Avon, NY 14414. (716) 226-6945

FOR SALE: Hallicrafters S-38C, world's smallest stereo. Panasonic P-1159. RCA 9X-561. Zenith 7D127 black dial tombstone. Norm Landis, 1315 Marbendale, Kirkwood, MO 63122. (314) 821-7933

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Oct. 86 - Vol. 3, No. 10*	Feb. 87 - Vol. 4, No. 2
Nov. 86 - Vol. 3, No. 11*	through Current Issue

* Reprint (same quality as original)

Photocopies will be furnished for all other issues, and for the 1985 issues when originals are no longer available.

Note: Publication of A.R.C. began in '84, which had only five issues. 1985, '86, '87, and '88 had twelve issues each.

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CLASSIFIED ADVERTISEMENTS

WANTED: National SW3, SW5, 30's ham transmitters, hardbound QSTs. **FOR TRADE:** My Federal 57. Niel Wiegand, WA5VLZ, 911 North Bend Dr., Austin, TX 78758. (512) 837-2492

WANTED: Zenith junker chassis from the 1930's and 1940's. David Headley, 651 S. Yale, Wichita, KS 67218. (316) 684-0050

FOR SALE: Galena crystal detector, with galena and cat whisker. Polished brass and black plastic. Precision made, adjustable point pressure. L. Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150. (716) 873-0447

WANTED: Pilot Super Wasp and SW3, SW5 coils. Bob Mattson, KC2LK, 10 Janewood Rd., Highland, NY 12528. (914) 961-6247

FOR SALE: RCA Radiola original tradecards. Rare full color one-sided 3"x5" cards advertising the following Radiola products: #1 Radiola 20; #2 Radiola 25 w/loop; #3 Radiola 28 w/loop; #4 Radiola 30; #5 RCA loudspeakers No. UZ-1325, 100, 102, 104. These new old stock cards are in mint condition and are limited in quantity. They make an excellent addition to any collection - \$6 ea. or \$25/set of five ppd. Please order by number and send payment to Radiofanatic - Steven Calati, 1030 73rd St., Brooklyn, NY 11228. (718) 921-0316

WANTED: UTC linear standard audio transformers, all types. Jon Lane, 913 Elliott, Grand Haven, MI 49417

FOR SALE: Zenith 3000-1, v. good - \$85. Fisher 80T with 80AZ amp - \$75. Scott 331 tuner - \$45. Grundig AM-FM-SW, small, works - \$30. Zenith 6D2615N - \$30. Wilford Wilkes, Box 103, Brisbin, PA 16620. (814) 378-8526

WANTED: Crystal set collection now at 150 pieces, looking for more sets. Erwin Macho, Ambrosweg 17/A/8, 1230 Vienna, Austria

FOR SALE: SASE for list of table model radios and test equipment. David Collins, 115 Chestnut St., Medina, NY 14103



WANTED: Century (Federal) buzzer or parts. Cap marked "CAC168" or blank. Buy/swap. Alan Douglas, PO Box 225, Pocasset, MA 02559

CLASSIFIED ADVERTISEMENTS

WANTED: Philco Model 65 chassis. Also pre-WWII Philco clock radios. Fred Geer, 6042 Brookridge Rd., Jacksonville, FL 32210. (904) 771-7828

FOR SALE: Group sale, over 100 radios, beehives, tombstones, batteries, few consoles, 3 old TV's, tubes, earphones, and speakers. Selling at cost. Ted Rupinski, 170 Cheshire Rd., Pittsfield, MA 01201. (413) 447-9816

WANTED: Good audio number 66 for Federal 61 - \$20. Two audios for Westinghouse RC. Dave McClellan, 1086 Trailridge Ln., Atlanta, GA 30338. (404) 399-6704

FOR SALE: Emersons: Catalin 547, Deco 642A, Portable 559A. Cathedrals: GM Little General, Steinite 4-tube. Zenith Deco J402Y portable. New Philmore crystal sets. New Western Union telegraph sets. Scott all-triode audio preamplifier. Fisher 50R stereo AM/FM receiver. Tubes, Germanium transistors, ham and test equipment. Trying to sell out. HELP! SASE for super list. Steve Lipsky, W2VVN, 1254 Cox Rd., Rydal, PA 19046. (215) 884-1817

WANTED: Help me, please! My McMurdo-Silver Masterpiece Six has a blown audio output transformer which is a special type. If you have an extra amplifier chassis, I will pay up to \$100 for just a good transformer! P. S. I'm still in need of a good N.I.B. Type 2B6 audio output tube to get my Masterpiece Two working. Craig Korpak, 9130 Silver Lake Rd., Linden, MI 48451. (313) 735-7264

CLASSIFIED ADVERTISEMENTS

WANTED: Emerson 888, other transistor swirl Catalins. Parker, Shaeffer, Waterman swirl pens. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224. (716) 675-0160

FOR SALE/TRADE: Collins 32V2, good shape. Many tubes, new, used. **WANTED:** Old tubes, Zenith radios. Thanks. R. Dobush, 3554 W 105, Cleveland, OH 44111. (216) 228-4953, eves.

WANTED: Bottom plate, power cable for HRO, 1935-1946; Kennedy XI brass panel fasteners. Bob Grinder, K7AK, 7735 N. Ironwood Dr., Scottsdale, AZ 85253. (602) 948-2743

FOR SALE/TRADE: Zeniths: 5C01 and model unknown large AM/FM, Emerson 541, Truetone D2226, Penncrest 626-5847. Silvertones: 15 and model unknown, chassis removes from bottom, waterfall front, RCA 12A2. SASE for details and list of eight more - under \$8. **WANTED:** Arvin and Silvertone metals, especially a Hoppy, Emersons to 1950, Radio Boys books. Carl R. Shirley, 824 Fairwood Rd., Columbia, SC 29209. (803) 776-6850

WANTED: RCA AR-1300 crystal junk sets for parts. Band escutcheon for Kennedy #54 SW converter. **FOR SALE:** Radiola III. RCA RE-45. AK #20 large. Grebe MU-1. Radiola 20 console. Philco #50 cathedral. Crosley XJ. Crosley #51. Hammarlund HQ-110 w/manual. National NC-57B. Hallicrafters S-40B. Crosley 6-60. Bearcat III scanner. Magnavox TRF-5. Many speakers, books, manuals. SASE w/50¢ postage for list. P. Currie, Box 738, Chuluota, FL 32766-0738

I WANT YOUR OLD TUBE EQUIPMENT DEAD OR ALIVE!

AND WILL PAY LOTS OF CASH FOR THE FOLLOWING:

MARANTZ - all tube units.

also Models: 500, 510M, 2500, 2600 and cabinets, cages, knobs, scope.

FISHER SA1000, KA1000, FM1000, all mono amps, and MPX100 MF320, 400CX, cages, cases & knobs.

DYNAVECTOR amp & preamp.

BEVERIDGE RM1/2. **ELECTROVOICE** A50.

W.E. amps & speakers.

TANNOY G.R.F. & Signatures.

HADLEY. REALISTIC 210.

GRAY 50. **GOTT** 50. **UTC** LS58.

ALTEC A340, 1570A. **LEE** Chair.

TRI-CHANNEL. AUDIOSTATIC.

EAMES speakers by STEPHENS.

REL Precedent. **PURE-SONIC** amp.

HEATH W7M, W6M & W3. **BROOK** amps.

JANSZEN 130's. **LECSON.**

MCINTOSH: C20, C11, C22, MR65B, MR67, MR71, MR78, 20W2 50W2, A116, AE2, 225, 240, MI-200's, 275, 60, 75, MPX adapt, cages, end caps & knobs.

REGENCY amps. **KNIGHT** 632.

RADIO CRAFTSMAN 500 & 550.

FAIRCHILD. EMT. **ACROSOUND.**

ELECTROVOICE Patrician, etc.

JBL Paragon, Hartsfield, "energizers" & 150-4's.

BARCLAY-CROCKER & 1/2-track tapes.

LEVINSON JC2, ML1, ML2 & ML3.

IONOVACS. **GROHMES** 260.

PILOT AA908/SA260/PA913 & SP216.

ARC D76A/D79/D50/D150/SP1/SP3A-1

FUTTERMAN H3/H3a/H3aa & OTL-1/3.

Examples: MARANTZ "10" \$1200
REGENCY amps to \$1000. SCOTT 4100 \$400. SCOTT 265 \$500.
HARTSFIELDS \$4000. ZENITH Stratosphere \$4000. RCA 10K11 radio \$3000.

SCOTT 121, 208, 232B, 250, LK150, 265, 280, 290, 310E, 335, 340, 350, 355, 4100, 4120, 4310, 4312.

HARMAN KARDON CITATION II, V, A, B, and cases.

LEAK 50's. **QUAD** II.

RCA amps. **British** RCA. **EMI.**

STRONBERG CARLSON amps.

LAFAYETTE 550, 600.

EICO HF89, HF50, HF60.

ALSO, OTHER MAKES AND INTERESTING OLD U.S. and EUROPEAN RADIOS.

SO, PLEASE DON'T FAIL TO CALL ME (LAST!) BEFORE YOU SELL, AND GET MY HIGHEST OFFER.

I'LL APPRECIATE IT. N.Y. SOUND INVESTMENTS (718)377-7282 afternoons (NY)

CLASSIFIED ADVERTISEMENTS

FOR SALE: Spy keys, miniature, found misplaced handful, new, w/adjust wrenches. Collins radio control boxes: 714E (C3940/ARC94). Collins radio TS2354, AN/ARM117, tests electronic amplifier in 490T ant. coupler, new, w/cable, data engineering sheets from Lampkin 215A FM modulation meter. "S" meter from Hammarlund Super Pro, unused, TM11-866, U.S. Army, for BC779A-B, 794A-B, 1004A-B, R129U, RA74B-84A-B, 94A, SCR244A-B-704, FRR4, Hammarlund Super Pro receiver, approx. 100P, TM 11-856A radio receiver R-390A/URR, U.S. Army 1956. Continues 196 pages. George Belling, W6CTG, 3740 Atlas Ave., Oakland, CA 94619

WANTED: 78 rpm record cutting equipment and/or information on cutting records. Kim Gutzke, 7134 15th Ave. South, Minneapolis, MN 55423. (612) 866-6183

FOR SALE/TRADE: Atwater Kent 44 with E3 speaker and original instruction book with radio log card. Tom Dell, 55 Carson Ave., Hanover, PA 17331. (717) 637-8875

WANTED: Model 70 Philco cabinet. Model 70 Philco escutcheon. Model 70 Philco power xmtr. 50-60 cycle. 2 or more red Workrite dials 100-0. Oct. 1926 issue of Popular Radio, pay \$12.00 plus postage. Chassis for Majestic cathedral Model 195 or Model 59 cabinets. Pilot 391 TRX 3 1/2 to 1 L49B ballast tube will pay top dollar for any of these items. Try me. Rudolph Hoffart, 19380 Newton Ave., Euclid, OH 44119. (216) 531-4697

FOR TRADE: Rider's VI-X and TV17, 23-26 for XV-XXIII. Write: John Mutch, 7931 Crestwood Dr., Boise, ID 83704-3022

WANTED: National AGL, RIO, SW-45, SW-58, SW-34, 3-tube version SW-2. Writing history of Radio magazine. Need back issues pre-1933 Radio, Pacific Radio News. John Nagle, 12330 Lawyers Rd., Herndon, VA 22071. (703) 620-3066

FOR SALE: Crosley Trirdyn regular - \$90. Send SASE for new list radios, tubes, books. David McKenzie, 516 South Exeter St., Eustis, FL 32726. (904) 589-0149

NEEDS MORE 40's, 50's, 60's COLORFUL PLASTICS



LES WAGENHEIM

(216) 442-1600

% XONEX 750 Beta Drive Mayfield Village, Ohio 44143

CLASSIFIED ADVERTISEMENTS

FOR SALE: Radiola III balanced amp combo. Want bakelite panel ham xmtrs, TV-2 tube checker. Will be at AWA conference. Parker, W1YG, 87 Cove Rd., Lyme, CT 06371. (203) 434-7783

**NEW PHONE NUMBER FOR
ANTIQUE RADIO CLASSIFIED
(508) 371-0512**

**Best time to call is weekdays:
9 am to 5 pm Eastern Time**

(Please no classified ads by phone. Thanks!)

FOR TRADE: 1963 Plectron fireman's radio receiver, untested. Charlie McCarthy, Groucho, 32" puppets, mint. Batman Robin clock, novelty radio - offers considered. Shortwave, broadcast table radio in curved doors, phonograph-type cabinet. Otto W. Nill, 192 Grant Ave., Islip, NY 11751

FOR SALE: Ham: Johnson Invader near mint with manual - \$125. Hallicrafters SX-101, near mint with manual - \$125. Hammarlund HQ-100-C, near mint with manual - \$100. Hallicrafters S38B, nice - \$40. Hallicrafters SR 46 6-meter transceiver, 12 or 110v, mint - \$50. Heathkit 2-meter transceiver - \$25. Johnson thunderbolt - Offers. Tubes 4-400A's - \$35. JAN-250-TH - \$35. Set 5 brass base tassel 201's - \$150. DeForest cans DV-2, DV-5 - \$15 ea. Dud DL-2 d \$10. Batteries from 20's. Eveready #6 Dry cells, Eveready 766B's. Burgess 5156. RCA VS012 from 40's. Audio Marantz Model 2, needs power transformer - Offers. Still have lots of table sets, see Sept. A.R.C. Also LSASE for list. Always looking for RCA, WE, Altec, Sony, Newman mics and tube compressors, EQs by Altec, Fairchild, etc. Ward Kremer, 301 SW 16 St., Ft. Lauderdale, FL 33315. (305) 524-5652

WANTED: 4- or 5-band tombstones. Dial glass and dial pointer for Crosby Model 1014 tombstone, wood knobs for Stromberg-Carlson 125H. Steve Neal, 3472 Stancrest Dr., Glendale, CA 91208. (818) 248-3169

HELP: I need a manual for a military R-374B/ARR-39 receiver. Copies OK. Barry Fuerst, 218 Flournoy St., Oak Park, IL 60304-1511. (312) 386-3930



WANTED: Emerson AX series chassis to fit this cabinet. Harold Hagen, 4334 Evanston N., Seattle, WA 98103. (206) 634-1155

CLASSIFIED ADVERTISEMENTS

WANTED: Acme R-4 transformer, Acme "D" coil unit or "D" coil alone. Francis Emrich, W2VDI, 441 Swaggettown Rd., Scotia, NY 12302

FOR SALE: Battery Sets: Westinghouse RC, RADA, mint condition - \$300. Freshman M. P., excellent - \$75. Magnavox TRF5, Model A Telos Vario, excellent - \$200. AK 20 Big Box, good original condition - \$100. Silvertone Neutrodyne, 5-tube mfg. King Hinners Rad Co., exceptionally nice condition, built extremely well - \$140. Apex Super 5, vgc - \$125. 4-tube regen., looks like a Remler but has no name, very nicely constructed and in excellent condition - \$100. Interstate 5-tube, mfg. in Minneapolis, Mn., good condition - \$125. Crosley V, excellent original - \$150 w/tube. Crosley 51, good condition - \$100. Mohawk A-5 TRF, needs veneer work on lid and cabinet ref., chassis and panel excellent - \$60. Radiola III, vgc - \$75. AC Radios: 1934 Arvin, very small table radio, has airplane dial in center. Resistance line cord works and looks great - \$90. Philco 71B, good original finish, complete, untested - \$225. Philco 70, excellent original condition and working - \$360. Philco 70, restoration project, needs speaker grille work, untested - \$150. Philco 20, also needs grille work, complete, untested - \$100. Zenith 808 tombstone, excellent original, working - \$175. Zenith 807 tombstone, excellent original, working - \$175. Majestic 463, needs restoration, complete with excellent original chrome, nice Deco style - \$175. Aircastle, 1934, complete airplane dial, needs grille cloth - \$60. Sparton 931, good condition - \$150. Stromberg-Carlson 1110, 1938 nice radio, has push buttons and vertical slide rule dial, vgc - \$75. RCA 6T tombstone, vgc, working - \$125. Unusual radios and TVs: RCA R-7 grandfather clock radio, vgc, original, complete and very attractive - \$400. Philco 19 chairside; radio is in chairside cabinet, speaker is in a separate cabinet, has long cable that connects them; complete and working, ornate and highly unusual - \$325. Zenith radio nurse, bad front, good back and handle, also includes Guardian Ear remote - \$225. Philco Predicta, 17", white, vgc, working - \$200. Philco Predicta, 1959, 21" mahogany floor model, vgc, working - \$450. Multi-Elmac AM transceiver AF-67, w/book, gc - \$60. Speakers: WE 10-D horn, good condition, bell needs minor repair - \$90. American Electric horn, small with external driver attached to base, very unusual - \$125. AK E speaker, small version needs front cloth - \$45. Thompson horn, gc, not working - \$70. Misc.: N.O.S. 1956 television banks, looks like small TV, was a promotional given by TV dealers, made of metal with woodgrained finish - \$15 ea. Nipper and phonograph salt and pepper shaker sets, N.O.S., ca. 1950, N.O.S., in original cartons - \$20 ea. R.C.P. tube tester has charts for 24As, etc., vgc - \$50. Brandes headphones, gc - \$10. Advertising: Neon sign from radio repair shop, "Crane Radio Service", lights in blue and red, measures about 12"x16", very striking and in excellent condition. **AD CONTINUES AT TOP OF NEXT COLUMN**

CLASSIFIED ADVERTISEMENTS

A fine addition to anyone's radio room - \$185. N.O.S. Sentinel television sign; two-sided, yellow background with black, red, and green lettering; very striking - \$75. CBS radio and television service sign, two-sided, in white, red, and black lettering, excellent - \$60. Can deliver to Canandaigua. David Christensen, 1732 W. Minnehaha Ave., St. Paul, MN 55104. (612) 646-0908, machine picks up after 4 rings

FOR SALE: Philco mantle clock radio, ca. 1932 model with Philco Jr. chassis, excellent original - \$300. Philco cathedrals: Model 20, needs refinishing, all veneer good - \$150. Model 60B (F.O.S., p. 118), very good original - \$125. Westinghouse WR-28 (F.O.S., p. 182), exc. orig. - \$165. RCA T9-10 tombstone - \$135. AK Model H horn, driver good - \$95. Edison Radio Stores compact set - \$40. Willard A&B battery eliminator, nice - \$45. Columbia mahogany table phonograph - \$85. Television test equipment: Cornell BF80 flyback transformer and yoke checker - \$25. Raytronic Labs CB-54A cathode beam kinescope analyzer with orig. manuals - \$45. Kirby 9B flyback transformer tester - \$20. Century antenna line checker - \$10 or \$80 for all test equipment. Lot of 50's vintage television flybacks and transformers, all N.I.B., 35 pieces - \$75/all, or \$4 ea. Large box of 50's television literature - \$20. All above plus UPS. Consoles: Philco 71 - \$85; AK 649 - \$125; AK Kiel table - \$200; E. H. Scott 510, sounds exc. - \$150; Norelco, late 50's hi-fi, beautiful hi-gloss cabinet - \$225. Consoles pick up or can deliver to Canandaigua or NEARC meets if notified in advance. John Hayes, 27 Highland Dr., Henniker, NH 03242. (603) 428-3053

**IF YOUR EXPIRATION DATE IS
OCTOBER OR BEFORE, RENEW TODAY!
EARLY RENEWALS
RECEIVE AN EXTRA ISSUE!**

WANTED: RCA Little Nipper 9TX-1, 9TX-2, 9TX-4, 9TX-5, in exc. cond. Schematics for Crosley 1526, Emerson B-6, Kennedy 311/522 maroon dial & knob for 9TX-4, side knobs AK 55. Chris Perry, 6743 E. Harvey, Fresno, CA 93727. (209) 434-7480, after 6 PST

FOR SALE: Supreme Signal Gen. Mod. 570, wood case - \$20. Precision tube tester Mod. 912 w/book, small break center of bottom wood case - \$30. A.T.R. Power Pak 15v 20A - \$15. 21 records, 78 rpm, 4 are Bing Crosby in 1946 album - \$10. 5 chassis, slide rule type dials - \$20/all. Mitchell Bed Lamp radio, brown case cracked - \$15. Gemtronics CB GTX-2000, tube type - \$25. 11 tuning caps., old and heavy - \$5/all. Checks for cost only, items shipped UPS trans. collect. John Martin, 817 Cook Ave., Billings, MT 59101. (406) 252-4287

WANTED: AK 60 Kiel table, with or without radio. James L. Cook, PO Box 20368, Columbus, OH 43220. (614) 459-3892

CLASSIFIED ADVERTISEMENTS

WANTED: Majestic Model 20 chassis and speaker. Will consider with cabinet. For grandfather clock radio. Jack Hofeld, 61 Trinidad Bend, Coronado, CA 92118. (619) 429-0165

FOR SALE: Nearly complete set of Sams Photofacts Vol. 1 through 729 - \$500/set. Contact Alan Kanter, 15004 Oxnard St., Van Nuys, CA 91411. (818) 904-0524

WANTED: Round knob for RCA Model T6-1, brown bakelite, 1" diameter at back, two concentric circles on face. Ted Hannah, 11106 Bybee St., Silver Spring, MD 20902. (301) 649-2319

FOR SALE: Atwater Kent speaker Model L. Older type amplifier for jukebox. Russell Schoen, E7340 Nietzke Rd., Clintonville, WI 54929



WANTED: SILVERTONE RADIO as pictured above. E. Brill, 405 Wire Mill Road, Stamford, CT 06903. (203) 329-2254

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

Desperately needed: Skyrider Commercial, S-30, S-33, S-35, EC-4, EC-6, HT-8, HT-12, HT-14, silver panel skyriders, other old or unusual gear, parts manuals, memorabilia of the Hallicrafters Co., and 1934 "H", "Z", "K", "J", line of Silver-Marshall radios. **The Hallicrafter Collector** - Chuck Dachis, 4500 Russell Drive, Austin, TX 78745

TUBES AND MISC. Large stock of NEW and GOOD used radio tubes, etc. Send \$1 (stamps OK) - REFUNDABLE for latest flyer. Don Diers, 4276 - BC1, North 50 St., Milwaukee, WI, 53216-1313

Televisions - your hobby? "**Sight Sound Style**" 16-page quarterly, costs \$14 yearly, delivered first class. Features **Vintage TV's** - articles, photos, prices, classified ads! Single copy - \$4. SSS, PO Box 2224, So. Hackensack, NJ 07606

FOR SALE: 100's of vintage radios, TVs, speakers, radio magazines, etc. Send \$1.50 (stamps OK) for America's best monthly SALES LIST to: Jim Clark Enterprises, Dept. ARC, 1292 Starboard, Okemos, MI 48864

CLASSIFIED ADVERTISEMENTS

WANTED: MIT Radiation Lab Series. Individual volumes or complete sets. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

FOR SALE: Stromberg-Carlson #1400-H - \$50. Zenith bakelite #J615 - \$50. Silvertone, wood, case, #70545 - \$60. Airline bakelite #6D12 - \$50. RCA Victor, wood, 56X3 - \$65. GE bakelite #226 - \$60. Crosley portable, #P60GY - \$50. RCA Victor, bakelite, #8-X-71 - \$50. Silvertone, ivory, #2016, beautiful - \$75. Philco Transitone bakelite - \$60. Motorola, bakelite, #52X11 - \$60. GE, ivory #124 - \$50. All sold as is. Buyer assumes all responsibility. All + UPS. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635, after 5 pm PST

HELP: Need schematic and any related service data for a Lafayette Model D83. Rich Crispi, KA1EGE, 143 Franklin Rd., Apt. 1, Hamden, CT 06517. (203) 281-4258

FOR SALE: Crosley grandfather clock radio, excellent condition, works, not sure of the model, has shelves. Send SASE for picture - \$250. Polsene, 602 Chicago St., Manitowoc, WI 54220. (414) 682-0999

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

WANTED: Early tube hi-fi components and studio equipment by Acrosound, Brook, Broclner, Fairchild, Hadley, Marantz. Also want Western Electric amplifiers, speakers, tubes, microphones. Richard Sharlsky, PO Box 521, Belmont, MA 02178. (617) 484-5784

DAN'S SCHEMATIC SERVICE. Radio diagrams, 1921 to 1951 - \$2.50 PPD. T.V. diagrams, 1938 to 1952 - \$3.50 PPD. Send make and model number of set, or chassis layout sketch with tube types, if model number is unknown, to: Dan's Schematic Service, P.O. Box 53061, San Jose, CA 95123.

WANTED: Two-color Catalin radios from the 30's and 40's. Top prices paid. I am not looking for bargains, just good radios for my collection. FADA, Motorola, Garod, Emerson, AMC, etc. Michael Lawlor, P.O. Box 50, South Pasadena, CA 91031. (818) 799-2921

HELP! Need DRAKE R-7 Service Manual (or copy). Terry Rosen, 1314 S. Roxbury Dr. #2, Los Angeles, CA 90035. (213) 277-2394

GRILLE CLOTH - Loose tweed like - light brown & sand colour - sample: 50¢ coin or stamps. 14"x18" postpaid - \$7.00. 28"x36" postpaid - \$12.50. 36"x54" postpaid - \$24.00. Frontier Antiques - E. Hoard, Box 38 - Lehr, ND 58460

CLASSIFIED ADVERTISEMENTS

FOR SALE: 1938 NC-101XA with orig. spkr., looks very good, works - \$125. From WWII NC-156, less top and outboard stage, works - \$40. Radiola 24, needs some restoration, with tubes - \$85. Hammarlund HQ-140-X with book, very good - \$75. Philco 60 cathedral, looks very good - \$85. Hallicrafters S-27 FCC, rack mt. may need work - \$40. **WANTED:** Good used R-2000. Pack & ship extra. Will trade. Julian Hoyt, 596 South Edgewood Ave., Jacksonville, FL 32205. (904) 388-1748, am only

WANTED: Several Airdine 4-tube, TRF, steel cabinet radios, Model 84KR. Will pay \$4 ea. for WWII surplus 864 tubes. A Phillips mobile home radio made by B&W Manufacturers, Kokomo, Ind. James Fred, R1, Box 41, Cutler, IN 46920

FOR SALE: Radiola 60 desk console - \$375. **WANTED:** Radiola 103 speaker, RF coil for AK breadboard 10C, have variable condenser in green can for trade. Jim Mahon, 5340 Brandon, Toledo, OH 43615. (419) 531-5996

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

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

SOLID STATE VIBRATORS for most automobile radios 1932-57. Exact duplicates of original styles in metal cans. Long SASE for catalog, dealer pricing on request. Antique Auto Radio, Box 892, Crystal Beach, FL 34681. (813) 785-8733.

CATALIN, MIRROR, NOVELTY radios featured each issue - "Slight Sound Style" quarterly. Articles, photos, prices, classified ads. \$14 yearly, \$4 single issue. SSS, PO Box 2224, So. Hackensack, NJ 07606

EXPERT ANTIQUE RADIO REPAIR. All makes. Ken Keiter, 106 Boulder Rd., Plymouth Meeting, PA 19462. (215) 828-2027.

WANTED: (2) SPARTON 301 AC #A-3238-W Grid Choke, identified by red dot on bobbin. Send price and cost of mailing. **Russell Sound Systems**, 720 College Dr., San Jose, CA 95128-2812. (408) 295-7110

WANTED: Catalin, Bakelite, Plastic and Novelty radios of 30's, 40's, 50's. I am a collector only, and will pay top price for good radios. FADA, Emerson, Motorola, Garod, etc. Sandra Mills, 5782 Florence Terrace, Oakland, CA 94611. (415) 428-0431

CLASSIFIED ADVERTISEMENTS

WANTED: Schematics Atwater Kent B power unit, Model R. RCA Model 64F3 superhet. Electro battery eliminator Models F & P or output info. Operating inst. test speaker, the Ferrett Model 721 mfg. Coastwise Electronics. Walt White, 4203 Hookheath, El Paso, TX 79922

FOR SALE: DeForest Interpanel receiver - \$695. Atwater Kent Model 10B, #4560, original, complete, tag, works, with tubes - \$695. Hammarlund 129X with speaker - \$85. Globe Chief transmitter, clean - \$50; D-104 - \$30. 1956 through 1988 Road & Track, trade for interesting antique. Call for information on receivers. All plus UPS. Paul C. Crum, 6272 N. Cicero Ave., Chicago, IL 60646. (312) 282-3033

WANTED: Signal Corps head sets or elements marked R-1 and other pre-WWII equipment. Pre-1960 radio control toys, equipment. Electrostatic storage tubes as used in early computers. Other tube computer parts. James Treherne, 11909 Chapel Rd., Clifton, VA 22024. (703) 830-6272

BOXED CLASSIFIED ADS WORK! This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 5th of the month.

WANTED: SONY Radios and small TV's... the older the better! Please call or send details: Jay Lewin, 400 East 54th St., New York, NY 10022. (212) 935-5656

WANTED: Broadcast-type MICROPHONES. Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, PO Box 620, Kingsland, GA 31548-0620. (912) 729-2242

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

WANTED: Collector searching for RCA combination radio-phonograph Model RAE 79 (don't laugh). Any in captivity that might be for sale? Jim Weston, 3750 - 21st St., San Francisco, CA 94114

VINTAGE and UNUSUAL TELEVISIONS - I buy, sell and repair! Over 300 in stock. From RCA 621TS to Philco Predictas at reasonable prices! My sets cost \$40 to \$800, mostly \$100-\$300 range! Harry Poster, PO Box 1883, So. Hackensack, NJ 07606. (201) 794-9606

FOR SALE: ACE RADIO REPAIR PRINT in color (See A.R.C., June 1989 front cover). 7 1/2" x 9" - \$15.00. Mounted white mat - \$19.00. Admiral AM tube radio. Granco FM tube radio, new old stock w/orig. cartons - \$27.50 ea. Small repo AM-FM 7 3/4" high cathedral style radio - \$18.50. Includes shipping on the above in U.S.A. only. Krantz, 100 Osage Ave., Somerdale, NJ 08083

CLASSIFIED ADVERTISEMENTS

FOR SALE: Scott laboratory amplifier type 210-A – make offer. **WANTED:** Speaker for Eveready Model 2. Jerome & Debbie Schliepp, 831 Berlin Rd., Ripon, WI 54971. (414) 748-2471

WANTED: German, Japanese, Italian WW2 military radios or parts, any condition, and any related data or bulletins. My special interest is restoring to original working condition to use "on-the-air," not just static display. Also I am interested in some U.S. mobile equipment in these categories: Navy or Coast Guard air or mobile. Forest Service pre-FM. Lifeboat CW transceiver. Long-distance aircraft equipment with CW mode, pre-1945. Thank you! Hugh Miller, KA7LXY, 6400 Maltby Rd., Woodinville, WA 98072-8375, or try (206) 487-3047, weekends

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

WANTED: Tube sockets for Eimac 1500TH, Western Electric 212D. Zahl radar tube VT-158 made by Eimac, any Industrial/Special purpose tube manuals or pamphlets. March 1986 issue of A.R.C. I like to collect strange type tubes; will be at Canandaigua. John H. Walker, Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

FOR SALE: Cathedrals: Apex 32 – \$145. Crosley 124, nice – \$175. Spanton Jr. Model 400 – \$200. RCA R28 – \$110. Philco 19 – \$125. Zenith tombstone Mod. 5S127 – \$120. Free parts, just pay shipping up to 50 lbs. Don Reinsma, 720 N. 18th Ave., Pensacola, FL 32501. (904) 433-2309

WANTED: Schematic and photos or junker chassis for Kemper K-52. Front panel Freed FE-15. Schematic for McMichael 157. Thomas Crocker, 6858 Hazeltine #2, Van Nuys, CA 91405. (818) 785-8352

WANTED: Amplion speakers and spare parts. Bob Silva, PO Box 4444, Vineyard Haven, MA 02568. (508) 693-6436

HELP: 'Help' silk and backing RCA 103 speaker, tone arm orthophonic Victrola Radiola 7-11 seen on page 184, Look For the Dog. Model 72 Grisby-Grunow chassis and speaker. Tuning knob and shaft Atwater Kent Model 60C. Revised list of novelty radios. SASE please available. George E. Brehm, 13402 Leibacher Ave., Norwalk, CA 90650-3524

WANTED: Philco K7 speaker complete with output transformer. OK if it needs reconing. Tom Margaretic, 2040 T St., Merced, CA 95340

SERVICES: Repair/replacement of old meters/instruments. Cash or trade for old meters working or not. Leonard W. Cartwright, 113 Sea Terrace Way, Aptos, CA 95003. (408) 662-2977

CLASSIFIED ADVERTISEMENTS

WANTED: Remler Scottie radios and literature wanted. Will trade following for Remlers; Zenith 5-G-534 in original shipping box, restored cabinet for Zenith 12-A-58, black Arvin Hopalong Cassidy, Grunow 12-tube Teledial console, Stromberg-Carlson red bakelite, not painted, Model 1500H. Steve Neal, 3472 Stancrest Dr., Glendale, CA 91208. (818) 248-3169

FOR TRADE: WW1 German portable spark transmitter for: Italian WW2 aircraft transmitter RF350 or other?, or Japanese aircraft transceiver, or MWEc, or xmtr. VR27, or xmtr. to match Torn Eb. Hugh Miller, 6400 Maltby Rd., Woodinville, WA 98072-8375

WANTED: Buy or trade: Zenith Stratosphere, other Zeniths, complete or otherwise, including advertising, store promo pieces. In other words, anything vintage Zenith. **FOR TRADE:** Ca. 1930 Philco 11"x17" neon sign, etched glass reading "Philco," the early typeface with lightening bolts, ringed with red neon. **FOR SALE:** FADA 1000 butterscotch & red, perfect with original box – \$950. Green Emerson Catalin tombstone, repaired crack with replacement grille cloth – \$850. Butterscotch FADA 1000, perfect – \$650. Snow White, horizontal brown, very nice with extra chassis – \$1,250. Play Pal table model bar radio, 1933, with compartments for miniature bottles, six shot glasses, cards & poker chips, very Art Deco, chrome grille & escutcheons, rebuilt – \$400. Abbotwares horse radio with small repaired right rear leg crack – \$175. RCA R74, very nice – \$195. Philco 144 cathedral, refinished – \$245. Philco 90, mint cabinet, replacement speaker – \$500. Philco 70 – \$300. Audiola 2358 superhet cathedral, 8 tubes; beautiful, wrong grille cloth, I will replace it if requested – \$395. Universal red dial midget cathedral, 4 tubes – \$125. Atwater Kent 627 – \$450. Super-Radiodyne Western Coil & Electric cathedral, 7 tubes, mint – \$275. Philco 46-E cathedral – \$225. Detrola Pee Wee, white with red knobs and white feet, heat hairline on top – \$150. Zenith 6D315, handle and wavemagnet, complete – \$250. Zenith 10-tube chrome grille 835 tombstone. Zenith tombstone 10S130, refinished. Black 6S27, restored cabinet; original. Black Zenith chairside 5S237. Other Zenith chairsides: half-round 10S452, half-round 6S249, 12S245, 7S342, original blonde 5R236, 6S237. Zenith tombstones: 808, 807, 6S128, 6S222, 5S218, 6S223, 5S127. Table model Zeniths: 5S320, 6D311, glass rod set 5R317, 6S321. Floor models, Zeniths: 10S155, 10S153, 12 U 158, 12A 58, 12S475, 12S265, 12S370, 12S569. Philco 38-690. Philco 91X. RCA C1-11. Many other Zenith and various floor models for sale. I also will sell some chassis and cabinet parts. Call for info. Alan Jespersion, 5721 39th Ave. S., Minneapolis, MN 55417. (612) 727-2489

WANTED: Transmitting tube HF-150 in good working condition. Also 1" or larger Fahnestock clips. TCBH, RR6 Box 181, Glens Falls, NY 12801

CLASSIFIED ADVERTISEMENTS

FOR SALE: Early National xmtr. 2 grandfather clock radios. Scott Phatom. 800B Silver Marshall console radio. Zenith tombstone. Corsair 1. Gon-set Communicator 3, mint, untried. 2 McElroy bugs. Westclox hand key, mint. 24, 27 tubes, Heath, complete KW station with accessories. Estate - \$895. Heath, unused power supply and speaker for HW101 - \$90. SB104 assembly and operating manuals - \$20. Hallicrafters 130 rcvr. - \$90. (2) large Hallicrafters speaker - \$45 ea. HRO 50, nice - \$275. McMurdo-Silver VHF rcvr. - \$80. Many Radio News, others. Silvertone, Philco 70 cathedrals, tombstones, AK 145 tombstone, xtal. sets, Jewett radio horn speaker, Dancing Girls speaker. (4) antique battery test meters, Aeriola Sr. Radiola 128 cathedral, mint. Tom Thumb radio, rare. Several small screen TV's. SX111 for salvage - \$50. Sky Buddy. (4) WD-11 tubes, unused. Magnavox. MR4 driver. 01-A tubes. About 50 printer copper blocks advertising radio services, etc., uncommon. DeForest F7 radio. Spark plug. Novelty radio. Want set DeForest swinging coils. Joe Szabat, 228 Plummer St., Oil City, PA 16301. (814) 677-4042

WANTED: Two National Type B vernier dials. Don Swanson, 630 Burgess Rd., Pensacola, FL 32504. (904) 476-5160

FOR SALE: General Electric radio F74 with eye - \$85 + \$15 UPS. Freshman Masterpiece - \$125 + \$15 UPS. Certified check. Pat Cutini, 2114 Main Rd., Corfu, NY 14036. (716) 762-8270

WANTED: RCA battery manual or info on 9v/90v battery packs such as VS 057W. Jim Zacher, 39W 345 Central, Elgin, IL 60123

FOR SALE: Hardbound: Radio Telegraphy and Telephony, Duncan & Drew, 1931, 1044 pp. - \$26. Practical Radio Communication, Nilson & Hornung, 1942, 927 pp. - \$18. Principles of Radio, Henley, 1942, 549 pp. - \$18. Essentials of Radio, Slurzburn & Osterheld, 1948, 806 pp. - \$18. Radio Engineering, Terman, 1937, 813 pp. - \$16. Fundamentals of Vacuum Tubes, Eastman, 1941, 582 pp. - \$16. Technique of Radio Design, Zepler, 1942, 311 pp. - \$14. Radio Frequency Electrical Measurement, Brown, 1938, 384 pp. - \$12. Elements of Radio Communication, Morecroft, 1934, 286 pp. - \$12. Electrolytic Capacitors, Deeley, 1938, 276 pp. - \$12. All excellent, ppd. Send SASE for complete list. John J. Hohn, 1823 Gaston St., Winston-Salem, NC 27103. (919) 724-6350

WANTED: Shell, screen, antenna for 21" Predicta. Antenna for Safari. Call with price. Warren Chamberland, 120 Depot Rd., Westford, MA 01886. (508) 692-2862

FOR SALE: Brown or black bakelites without cracks and playing. Your choice - \$30 + UPS. Kevin Eftink, 16 Edgewood Dr., Quincy, IL 62301. (217) 228-2221

CLASSIFIED ADVERTISEMENTS

WANTED: Early quack medical violet ray devices and any other interesting types. Richard Cane, 8391 NW 21st St., Sunrise, FL 33322. (305) 741-6838

FOR TRADE: Emerson AU 190 and/or FADA 652 for Emerson Mickey Mouse 411, Repwood. Wallace Geary, 209 W. Saunders, Mt. Pleasant, IA 52641. (319) 385-2389

WANTED: Pre-1965 hi-fi equipment. Electro-Voice, McIntosh, Marantz, Scott, Fisher. Also audio magazines, catalogs. John P. Wolkonowicz, 11 Hartford Rd., Worcester, MA 01606

FOR SALE: Monitor 3RP1A - \$24 ppd. Mini-TV picture tube 6J50 - \$14 ppd. Joe Kosman, RD1, Box 130, Hopewell, NJ 08525

WANTED: Knobs, metal, for 1953 Crosley E-15. Any color. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (313) 421-2076

HELP: Canada. If you have any radio parts to give away free for the postage, please send/or write. James D. MacDonald, RR #1, Glendale, Nova Scotia, Canada, B0E 3L0

FOR SALE: 3" Pilot TV-37 owner's manual, 16-page photocopy - \$4.50 ppd. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145

WANTED: 1st stage audio xmfr. for Philco Model 511 AC. Bob Selpien, 330 E. State, Sycamore, IL 60178

HELP ARCA KEEP BILL & JANE BUSY

Bill & Jane, our secretary/ treasurer are retired and love to get mail! Help us keep them busy by writing them for information on our nearly 100-member club, our quarterly bulletin (the 24- to 30-page *Gazette*) and our annual conventions. Letters enclosing the \$12.00 annual dues are especially nice to receive.

So, do your part - write:

**Bill & Jane Denk
ARCA**

**81 Steeplechase Road
Devon, PA 19333
(Please enclose an SASE)**

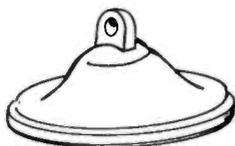


CLASSIFIED ADVERTISEMENTS

FOR SALE: Avon bottles, 4-cathedral radio w/o box - \$20 + ship. Others later. Gil Zalewski, 5100 Chingford, Columbus, OH 43232

WANTED: Need AK volume control with switch #20840, 6Kohm, from Models 80, 90, or 567. Merrill W. Bancroft, 169 S. Row Rd., Townsend, MA 01469

FOR TRADE: Leutz Universal Trans-Oceanic with current supply and documentation, dual spherical audion receiver, etc. **WANTED:** DeForest oscillion transmitter, WSA loose coupler, early commercial wireless. Richard Groshong, 6604 Kent Dr., Cedar Rapids, IA 52402. (319) 377-3144

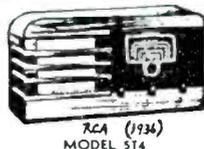


WANTED: Base for Amplion speaker (see illustration). Need badly! Who can help? Crocker, 2 Wheeler Circle, Canton, MA 02021

FOR SALE: Juke Box Service Manuals, 1960's 1970's Wurlitzer, AMI, Seeburg Rockola, Seeburg transistorized stereo amplifier TSA 1, Heathkit FM stereo generator IG37 - \$70. Heathkit transistor tester IT 121 - \$45. Write for details. Jack Naimann, 365 Bronx River Rd., Yonkers, NY 10704. (914) 237-4650

CLASSIFIED ADVERTISEMENTS

FOR SALE: Super parts and equip. list. Collectors, Hams, TV, Audio. Something for everyone. List upgraded monthly. Send SASE. Dick Mackiewicz, 1549 N. River Rd., Coventry, CT 06238



WANTED: RCA 5T4 table radio. Or, photo of yours if isn't for sale. David P. Smith, PO Box 81, Olney, IL 62450. (618) 392-6601

FOR SALE: Radio Electronics. Remaining CQ, Radio, QST, others. Offers? SASE for list. Mrs. Marcy, 461 Third Ave., Satellite Beach, FL 32937

WANTED: AK breadboard, must be original and within New England area for inspection. Radiola 18 rheostat, power switch escutcheon. Reichmann (Thorola) Model 4 horn speaker base in any condition. Like Model 3, p. 51, Horn Speaker Encyclopedia. Radiola III rheostat, knobs, and box. Leonard Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

FOR SALE: (3) Philco 80 cathedrals, all work - \$80 to \$100. Philco 81, very nice - \$100. Crosley 52 - \$110. RCA 18 - \$75. Gloritone Model 26, very nice - \$150. Sterling and Jefferson tube rejuvenators - \$25 ea. Much more. Send SASE to Bob Barnes, Box 275, Monroe City, MO 63456. (314) 735-2945

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DON'T MISS THE C.H.R.S. MEET !

**November 11th, 1989
FOOTHILL COLLEGE - 7 A.M.
in Los Altos, California**



Pictured above, are local C.H.R.S. Radio Nuts, ready to converge on the latest SWAP SESSION at Foothill College, Los Altos, California. Pictured left to right: John Eckland, Norm Braithwaite, C.H.R.S. President Paul Joseph Bourbin, David Harden, and former C.H.R.S. Editor Herb Brams. The photo was taken by Ed Sharp.

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Questions regarding the meet can be directed to:

John D. Eckland - 969 Addison Avenue
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(415) 323-0101



IND. – Sept. 23 to Nov. 17

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ARKANSAS – Oct. 12

ARKANSAS ANTIQUE RADIO CLUB CLUB MEETING

Little Rock, AR – The Auditorium
S.W. Bell Bldg., 120 W. 8th St. – 7 pm
Info: Tom Burgess – (501) 565-1750

NEW YORK – Oct. 4-8

ANTIQUÉ WIRELESS ASSOCIATION 28th HISTORICAL RADIO CONFERENCE

Canandaigua, NY – Sheraton Inn
4 Large Auctions – Ladies' Programs
World's Largest Antique Radio Flea Market
AWA Museum (Open only times scheduled)
Equipment Contests – Exhibits – Seminars
Workshops – Demonstrations – Dinners

Wednesday – Noon – Flea Market
2 pm - 4 pm – AWA Museum Open

Thursday – All-Day Flea Market
9 am - 11 am – AWA Museum Open
10:30 am – TV Auction
1:30 pm – Tube Seminar
3:00 pm – Book & Magazine Workshop
4:00 pm – Horn Speaker Workshop
Also: Telegraph & Key Workshop
7:00 pm – Program: "The Thirties"

Friday – All-Day Flea Market
9:00 am – Tube & General Auctions
3:00 pm – Amateur Radio Seminar
7:00 pm – Awards Dinner

Saturday – All-Day Flea Market
9:00 am – Comm. Equip. Auction
10:00 am – Arlington NAA Station
10:30 am – Tesla Coil Workshop
1:30 pm – Early TV Demo. & Seminar
2:30 pm – Merchant Marine Operation
3:00 pm – Broadcast Set Workshop
7:00 pm – Grand Banquet

Advance registration advisable
Info: Antique Wireless Association, Inc.
Box "E", Breesport, NY 14816
*[If you can go to only one meet,
make it this one. Editor]*

OREGON – Oct. 14

NORTHWEST VINTAGE RADIO SOCIETY MEETING & RADIO CONTEST

Oregon City, OR – Buena Vista Clubhouse
16th and Jackson Streets – 10 am
Info: Dan Howard, 2940 SE 118th Ave.
Portland, OR 97266 – (503) 761-7799

KANSAS – Oct. 15

MID-AMERICA ANTIQUE RADIO CLUB FALL AUCTION

Overland Park, KS – 7500 W. 75th St.
Info: S. Wheaton, 14708 Murray Ln.
Olathe, KS 66052

WASHINGTON – Oct. 15

PUGET SOUND ANTIQUE RADIO ASSOC. SWAP MEET – BUSINESS MEETING

North Seattle, WA – Ronald School
N. 175th St., 1-mile W. of I-5
11 am – Members' Swap Meet
1 pm – Business Meeting

Info: Max Kaplan, 14902 84th Ave. Ct. NW
Glg Harbor, WA 98335 – (206) 851-4187

NEW HAMPSHIRE – Oct. 21

NEW ENGLAND ANTIQUE RADIO CLUB SWAP & SELL MEET – AUCTION

Nashua, NH – Resurrection Center
449 Broad St., Rt. 3 Exit 6, 1 1/2 mi. West
8 am – Early Admission
9 am - 1 pm – General Admission
Contests: 1930's AC Sets – Transistors
11 am - 12 noon – Restoration Seminar
12 noon – Auction Preview; 1 pm – Auction
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Info: Marty Bunis, PO Box 809
Contoocook, NH 03229 – (603) 746-6127

ARKANSAS – Oct. 5

ANTIQUÉ RADIO COLLECTORS CLUB OF FT. SMITH – CLUB MEETING

Ft. Smith, AR – Red Cross Bldg.
1709 S. Greenwood – 7:30 pm
Info: Wanda Conatser – (501) 646-7147

ILLINOIS - Oct. 22

ANTIQUE RADIO CLUB OF ILLINOIS FALL SWAP MEET

Elgin, IL - Holiday Inn, 345 River Rd.
8 am - 1 pm

Swap Meet - Donation Auction
Business Meeting & Election of Officers
Info: Dave Johnson, 2336 S. Kenilworth
Berwyn, IL 60402 - (312) 484-2743

CALIFORNIA - Nov. 11

CALIF. HISTORICAL RADIO SOCIETY SWAP MEET

Los Altos, CA - Foothill College - 7 am
Info: John Eckland, 969 Addison Ave.,
Palo Alto, CA 94301 - (415) 323-0101

CALIFORNIA - Nov. 17-18

SO. CALIF. ANTIQUE RADIO SOCIETY ANNUAL MEETING

Norwalk, CA - Ramada Inn
Swap Meet - Two Talks - Silent Auction
Giant Tesla Coil Demonstration
Info: Walt Curry, 10035 Country View Rd.
La Mesa, CA 92041

MARK YOUR CALENDAR

Sept. 23 - Nov. 17 - IN, Madison - Exhibit*
Oct. 4-8 - NY, Canandaigua - AWA*
Oct. 5 - AR, Ft. Smith - ARCCFS \$*
Oct. 12 - AR, Little Rock - AARC \$*
Oct. 14 - OR, Oregon City - NWVRS \$*
Oct. 15 - KS, Overland Pk. - MAARC Auction*
Oct. 15 - WA, Seattle - PSARA Swap Meet \$*
Oct. 21 - MD, Laurel - MAARC \$
Oct. 21 - NH, Nashua - NEARC Meet*
Oct. 21 - TX, Irving - VRPS \$
Oct. 22 - IL, Elgin - ARCI*
Nov. 5 - NY, Canandaigua - AWA
Nov. 11 - CA, Los Altos - CHRS Swap Meet*
Nov. 11 - OR, Oregon City - NWVRS \$
Nov. 17-18 - CA, Norwalk - SCARS*
Nov. 18 - MD, Laurel - MAARC \$
Dec. 2 - TX, Irving - VRPS Fall Swap Fest
Dec. 9 - FL, Bradenton - AWA Meet
Dec. 9 - OR, Oregon City - NWVRS \$
Jan. 20 - NH, Nashua - NEARC Meet
*See expanded listing this month.
\$ Monthly Meeting.

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Admission charged at some meets.
Mention A.R.C. when contacting clubs!
Enclose a SASE when requesting info.

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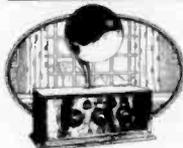
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Classic radios from the 1920s – 1950s are beautifully showcased in this 12-month full color calendar.

Historical, technical and other interesting information accompanies each vintage radio. Large date boxes provide ample space to jot down all those timely reminders. The 1990 Vintage Radio Calendar is certain to be a treasure in any home or office.



TO ORDER: Send Check or Money Order for \$11.45 per calendar (incl. shipping & handling)
WI Residents please add 5% sales tax (\$.45 per calendar)

TO: Boyce Publishing Corporation
Dept. ARC
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Milwaukee, WI 53223-0420

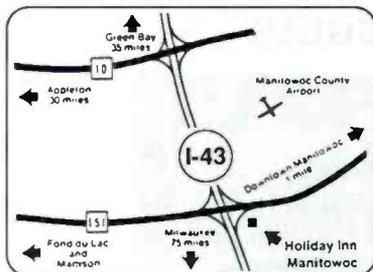
Please allow 4 to 6 weeks for delivery.

ANTIQUÉ RADIO AUCTION!

MANITOWOC, WISCONSIN

Sunday, November 5, 1989 - 1 P.M.

Inspection from 11:30 A.M. until 1 P.M.



HOLIDAY INN
MANITOWOC, WISCONSIN 54220
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AUCTION STARTS PROMPTLY AT 1 P.M.
UNTIL EVERYTHING IS GONE!

ONCE IN A LIFETIME OPPORTUNITY!

Large collection of battery and electric radios, both floor and table models, including Federal, Atwater Kent, Crosley, R.C.A., Zenith, Philco, and others too numerous to mention!

Several nice speakers. Western Electric, Music Master, Atwater Kent, Radiola, and others. Headphones, tubes both rare and new, hundreds of usable tubes! Reference manuals, Riders, National, and others, publications and books.

THIS IS AN EVENT YOU CAN'T AFFORD TO MISS!
MOST ITEMS SOLD INDIVIDUALLY TO HIGHEST BIDDER.

Several years of early and later RADIO NEWS in good to excellent condition.

Test equipment, parts galore, N.O.S. transformer & other usable components.

EVERYTHING MUST GO!

IT'S EASY TO GET TO THIS EVENT - PLAN NOW TO ATTEND!

Items purchased can be picked up until 9 P.M. on night of auction.

Reservations for overnight accommodations can be made through the HOLIDAY INN of Manitowoc, WI - (800) 236-4678 or (414) 682-6000

Questions regarding the auction can be directed to:

Karl Mueller Auction Service
2122 32nd Street

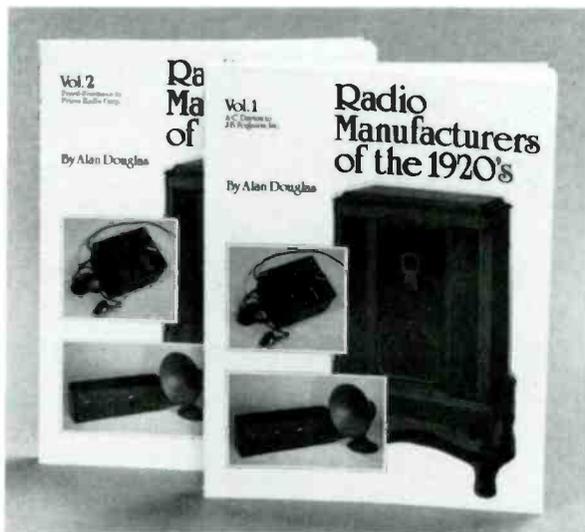
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U.S. Orders: Enclose \$1.50 shipping per order if under \$35.00. Mass. residents please add 5% sales tax. Allow 2-4 weeks to receive order after shipping date.

Foreign Orders: Surface shipping per book: \$6.00 (\$8.00 hardcover); allow 2-3 months.

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NEW!

GUIDE TO OLD RADIOS POINTERS, PICTURES AND PRICES

BY DAVID & BETTY JOHNSON



350 Illustrations – 3300 Prices – Completely New Book
Perfect for the beginning collector!
Useful for the experienced as well!

From early crystal sets to AC sets, David and Betty Johnson explore the evolution of radio from its infancy to its heyday. The authors help collectors solve the difficulties of identifying and dating radios and provide pointers on where to find the best buys.

The price guide comprises half of the book and includes 3300 collectible radios and related items, with model names and numbers, descriptions, and price ranges for each. Also included in the price guide: amplifiers, speakers, test equipment, books & manuals.

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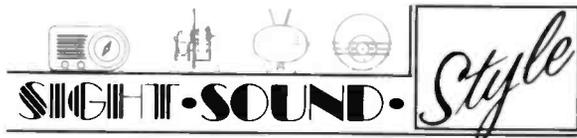
- Old or Unusual . . . 1940's-1960's
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SIGHT SOUND STYLE is a 16-page quarterly magazine. Each issue features articles, pictures and prices of early Televisions! **PLUS CATALIN** and novelty radios are described, pictured and priced! Lots of Classified and Display ads offering TV's and great radios!

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CLASSIFIED ADS . . . **ONLY 15¢ PER WORD!**

SSS P.O. Box 2224
 S. Hackensack, NJ 07606

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

Deadline: 5th of the month!

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 fifth 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.



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at Carlisle, MA

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DEADLINE OCT. 10TH**