



# ANTIQUE RADIO CLASSIFIED



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# Federal

Standard RADIO Products

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

## ANTIQUE RADIO CLASSIFIED

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Unfortunately, A.R.C. is not staffed to answer letters with questions about antique radios or requests for advice. However, A.R.C. does solicit letters of interest to its readers and will publish them as space permits. A.R.C. assumes that permission is given for publication of all correspondence re-

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

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

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

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

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



# ANTIQUE RADIO CLASSIFIED

## EDITOR'S COMMENTS

"Renew Now" is the message this month for over 1000 readers whose subscriptions will expire soon. All you long-time subscribers, please look at the "EXP" month on your mailing label, and renew if your subscription is about to expire. By renewing early, you get an extra free issue and save us the expense of mailing reminders to you. Many thanks!

On to this month's issue... The old headphones on our cover remind us that the sounds coming from our radios were not always hi-fi. Richard Arnold contributed an article about the unsung headphone.

Jim Fred's popular series on AC radio repair continues this month with coverage of the superhet. As well as a step-by-step approach to getting those old radios to play again, Jim also includes a bit of theory (not too much) on the various radio circuits in each of his installments.

Two articles on classic E.H. Scott radios appear this month. Henry Rogers sent in a story with photos on his acquisition of a Scott Allwave Model 15. Norman Braithwaite describes a number of tips on restoring the performance of these fine receivers.

*Auction Report* features Frank Krantz' report on a New Jersey auction; while radios went from \$25 to \$205, a large paper maché "Nipper" (the R.C.A. dog) sold for \$525. The *Photo Review* and four pages from the *Times Square Auto Supply Radio Catalog* are included this month.

The first round of the A.R.C. auction has concluded; see the report on page seven. The interest in the auction was high, but as with many auctions, there were a lot of lookers, but not many bidders. I am open to suggestions for improvements to this potentially useful service.

## OOPS - OOPS - OOPS

Oops! Please look at page six of this issue for two corrected schematics for Howard Grant's article on battery set power supplies. Several of you wrote and called about this goof.

Oops! Allen Steiner writes that Harold Greenwood's *A Pictorial Album of Wireless and Radio* published in 1961 predates Morgan McMahon's *Vintage Radio*, published in 1970. *Vintage Radio* is a revised version of Greenwood's book. He is right. Greenwood was the first writer of a book for collectors (published by Clymer), but, as the press release published last month says, McMahon was the first writer and publisher of books for the collector.

Oops! We forgot to mention last month that Braud's book *The Radio and TV Collector's Guide Book* can be obtained from Richard Fos-

The growing size of A.R.C. coupled with the postal increases a few months ago resulted in a reexamination of subscription rates for foreign subscribers. As I wrote to them last month, all of the increment in the rates is due to postage. Perhaps the dollar devaluation will ease the \$55.00 per year air mail foreign rate for some. A surface mail rate for foreign subscribers, including Canada and Mexico, has been established at \$25.00. Delivery takes an extra two weeks or so to Canada, but two or more months elsewhere. About 3% of subscribers are outside the U.S.

I again mention radio meets here for many reasons. Meets are a lot of fun as well as a place to meet other collectors, many whom you already know, have talked with on the phone, and/or have corresponded with. There is opportunity to learn more through these contacts, the meet's seminars and museums. Often you can visit collections close to the meet. Also you will be amazed at your first meet by the array of old radios coming out of trunks and vans. After spending years traveling from antique dealer to antique dealer and following up on local ads, seeing thirty (to 150 or so at Canandaigua) radio-only sellers in one place is overwhelming! Try to make one.

Although the big meet coming up is the 27th Annual A.W.A. Historical Radio Conference in Canandaigua, N.Y. (750+ collectors), also look over the *Coming Radio Events* page for events near you. The recent meet I attended at the New England Museum of Wireless and Steam in Rhode Island was a success: 150+ radio collectors attended. My next trip will be to Canandaigua; see you there.

Happy Collecting!

John V. Terrey

ter, 12 Shawmut Ave., Cochituate, MA 01778, for \$49.95 postpaid.

## ON THE COVER

"Federal Standard Head Sets Increase Receiver's Efficiency" reads the 1923 advertisement for Federal headsets. The cover this month is a collage made from ads in the January 1924 issue of *Amateur Radio* and the April 1923 issue of *The Modulator*.

"Made of specially treated steel with permanent magnets, scientific wiring and adjustment, and precision machining of metal parts, these head sets have achieved a well deserved universal recognition and endorsement by radio experts."

See Richard Arnold's article covering headphones in this issue for more.



# All You Need To Know About Repairing AC Radios - Part 4

BY JAMES A. FRED, RT. 1, BOX 41, CUTLER, IN 46920

## Repairing the Superhet Radio

*This is the fourth part of a series on basic AC radio repair. Jim Fred has been involved in radio for over fifty years, and in this series presents useful hints for both the new collector and the veteran. Antique Radio Classified is please to have Jim contribute this series.*

*Refer to parts 1 and 2 of this series (Feb. & April 1988) for details on tools, test equipment, safety, etc. IMPORTANT: do not plug the radio in until you have read the safety tips and warnings in these previous installments! (Editor)*

In our last column we told you how to troubleshoot and find defective components in your typical four-tube TRF receiver. This time we will lead you through a typical five-tube Superheterodyne receiver.

### THE SUPERHETERODYNE

The name Superheterodyne has been applied to an improved type of radio that has better selectivity and sensitivity than a TRF radio. In a TRF radio the signal frequency, received on the antenna, is amplified by two or more tubes before the audio frequency is recovered in the detector. The audio frequency is amplified by the audio output tube and is applied to the speaker which allows us to hear the radio program. In a Superhet receiver the incoming signal frequency is converted (by the heterodyne process) to a different frequency, usually, but not always, to a lower intermediate frequency, called the IF frequency. A more efficient amplifier can be designed for a fixed frequency signal than can be made for a wide band of frequencies, i.e., the broadcast band. The audio frequencies stay with the IF frequency and is removed in the detector. It is amplified by the audio output tube and applied to the speaker as in the TRF receiver.

### THE FILAMENT & POWER CIRCUITRY

If you will look at the Superhet circuit shown here, you will see that the filament circuit is so similar to the TRF set that we will not repeat the troubleshooting procedure outlined last time. There is the addition of a pilot light bulb, shunted by resistor R1. R1 provides the proper voltage drop for the pilot light filament. If the light bulb is burned out, replace it before proceeding.

You will see that the rectifier tube is different. The TRF set had a half-wave rectifier with an anode and a cathode. The 25Z5 tube, used here, has two anodes and two cathodes. The 25Z5 tube can be connected several different ways, but in this set the anodes are connected in parallel, as are the cathodes, effectively making it a two-element tube. This tube is connected as a

half-wave rectifier.

### THE ELECTRODYNAMIC SPEAKER

Another difference in the Superhet radio is the speaker. The TRF radio has a magnetic speaker and the Superhet radio has an electrodynamic speaker. The word "Electro" means that the magnetic field for the speaker is supplied electrically. Later radios have a PM (permanent magnet) speaker whose magnetic field is supplied by an Alnico metal magnet. More about this later. The electromagnetic speaker used here has a 2500-ohm field coil. All dynamic speakers have another low resistance winding called a "voice coil." The voice coil on pre-WWII speakers had an impedance of three to four ohms measured at a frequency of 1000 cycles per second, and a DC resistance of 1.5 to 2 ohms. Since the voice coil has a very low impedance and the audio output tube has a plate impedance of 2500 ohms, it is necessary to use an impedance matching transformer between the plate and the voice coil. This is T1.

The speaker field is connected from B+ to ground. Current flowing through the winding produces a strong magnetic field. The filter choke and filter capacitors, C2 and C3, smooth out the pulsating DC produced by the rectifier tube. Troubleshoot this portion of the circuit just as you did the TRF set.

### CHECK THE OUTPUT STAGE

The 43 tube is a pentode audio output tube. The voltage on pin "P" should be about 110 VDC. Capacitor C4, connected from plate to ground bypasses high audio frequencies to ground which improves the sound from the speaker. To test C4, unsolder the ground connection, turn the set on, and measure for voltage between ground and the unsoldered end of the capacitor. If you measure any voltage at all, replace the capacitor. C5 can be checked the same way. Capacitor C15 can be checked for leakage by unsoldering the capacitor lead to pin "G," and with the set turned on measure for voltage between ground and the unsoldered end of the capacitor. Resistor R 3 is the grid return resistor, and R 4 is the cathode bias resistor. Capacitor C 6 is the cathode bypass which improves the tone and volume of the radio. Check it for shorts and leakage too. The voltage on "K" should be -12 to -18. The voltage on "S" should be between 100 and 120 VDC. If everything checks OK up to this point, touch a metal screwdriver blade to "G" of the 43 tube. It should produce a hum in the speaker. If it does proceed to the 75 type tube. If it doesn't, you will need to troubleshoot until you find the problem.

### CHECK THE DETECTOR STAGE

The 75 tube is a duo-diode triode used as the second detector. R5 is the plate load resistor. The voltage on pin "P" should read 40 to 60 VDC. Remember what I said in the last column about resistance values. On pre-WWII schematics "M" indicates thousands of ohms, while after WWII "M" indicates millions of ohms. Therefore, R3 will be 500,000 ohms, and R4 will be 650 ohms, etc. Resistor R6 is the cathode bias resistor, and capacitor C7 is the cathode bypass capacitor. Check these as you did on the type 43 tube.

### CHECK THE AUTOMATIC VOLUME CONTROL (AVC) CIRCUIT

Now we have another new concept, Automatic Volume Control or AVC. If you have listened to pre-1930 radio sets, you have observed a great deal of fading or a drop-in speaker volume. You may have rushed to the radio to turn up the volume, but then moments later the volume was too loud. This was very annoying until an engineer designed a circuit that eliminated the problem. By designing a vacuum tube called a variable "MU" or variable gain control tube, he was able to increase the gain of a tube when the signal faded and decrease the gain of a tube when the signal strength increased. The circuit doesn't work perfectly unless you control the gain of three or four tubes, but the simplest AVC circuit made a big improvement in an inexpensive radio. In a simple way, we can say that the IF signal is rectified by the diodes "PD" and the cathode "K", this voltage is smoothed by resistors R8 and R9 and capacitors C8, C9, and C10. The resulting minus DC voltage is applied to the 6D6 grid and controls the tubes gain.

Proceed to check resistors R7, R8, R9, and

replace any that are more than plus or minus 20% from their indicated value. Check C8, C9, and C10 for leakage. Because the AVC voltage is quite low, typically 0 to -5 VDC, these capacitors must have no leakage.

### CHECK THE IF AMPLIFIER STAGE

If everything checks OK in the AVC circuit, move on to the 6D6 tube. This tube is the IF amplifier tube, a pentode remote cutoff vacuum tube. IF-1 and IF-2 are the IF transformers. Check for DC voltage on pins "P" and "S." It should measure 90 to 100 volts. Voltage on "SU" and "K" will vary with rotation of the volume control R12. If these voltages are OK, touch the grid cap of the 6D6 and you should hear a hum indicating that all is well from the 6D6 grid to the speaker.

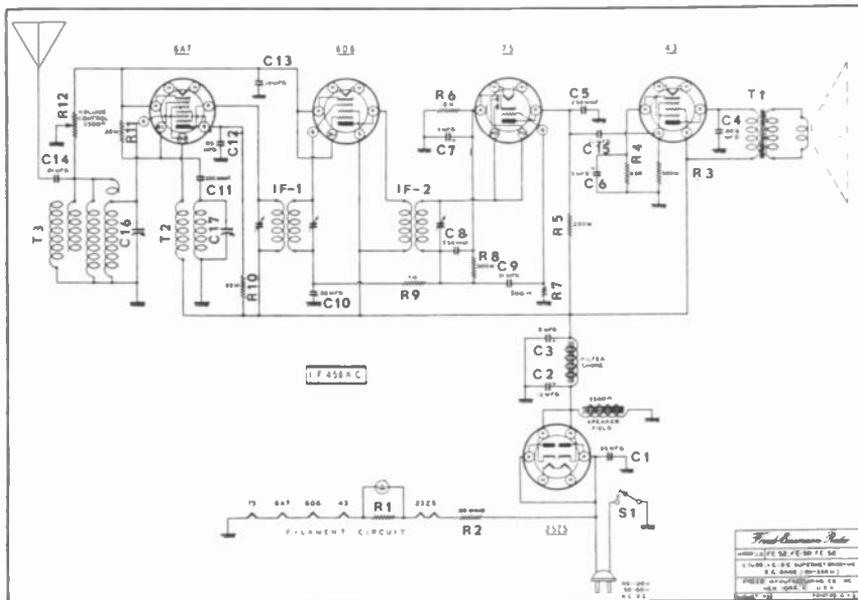
### CHECK THE CONVERTER CIRCUIT

The 6A7 is a very special tube. Its technical name is "Pentagrid Converter." Pentagrid means that the tube has five grids. Converter means that the tubes function is to convert the RF signal frequency received at the antenna to an Intermediate Frequency (IF) as referred to at the beginning of this story.

The volume control R12 changes the cathode bias which changes the amplification of the 6A7 and 6D6 tubes. It also shunts part of the incoming signal to ground to prevent overloading the 6A7. Grid G2, cathode K, and the plate P plus capacitor C11, resistor R11, coil T2, and tuning capacitor C17 form the local oscillator circuit.

The RF signal frequency is tuned by coils T3 and variable capacitor C16 to the frequency of the station you want to receive. The local oscillator produces a frequency which is 456 Kc higher than the signal frequency. For instance, you are

(Continued)



Freed-Eisemann Models FE-52, FE-56 & FE-58 5-tube AC/DC Superheterodyne BC Band Receiver.

(Repairing the Superhet Radio, Continued)

tuning in a station on 1000 Kc, your local oscillator frequency is 1456 Kc. The difference frequency is 456 Kc which is accepted by the IF transformer and amplified through the 6D6 tube.

Now check the DC voltages on the 6A7 tube. Pin "P" should have 90 to 100 volts, pin "S" should have 60 to 90 volts. Pin "G1" will have minus 3 to minus 6 volts; this is the oscillator grid

bias voltage. Pin "G2" will have 90 to 100 volts. Check R10, R11, R12, also C11, C12, C13, and C14 as you did the other components in the set.

If everything checks OK, you should be able to tune in a station. If not, RF alignment and IF alignment may be necessary; you will need more test equipment to do the required alignment work. We shall try to provide you with the proper information and procedure next time.

## Battery Set Power – The Old and The New Corrected Schematics

Figures 2 and 3 in Howard C. Grant's article on battery set power supplies last month contained errors in the polarity of two of the diodes in the rectifier bridge used for the A supply voltage. When the figures were re-drawn for printing purposes, the error was made

(Yes, I confess; the error was made by your editor).

I hope that you heeded the warning last month to seek an adept experimenter to assist you if you were not one yourself, because the circuit, as printed last month will not work. In fact, it probably, at a minimum, will damage the transformer.

The corrected schematics are printed here.

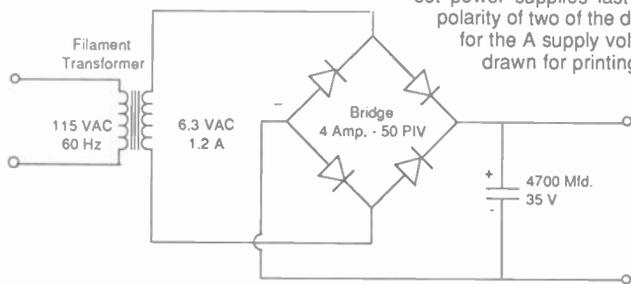


Figure 2. Rectifier Circuit, Corrected.

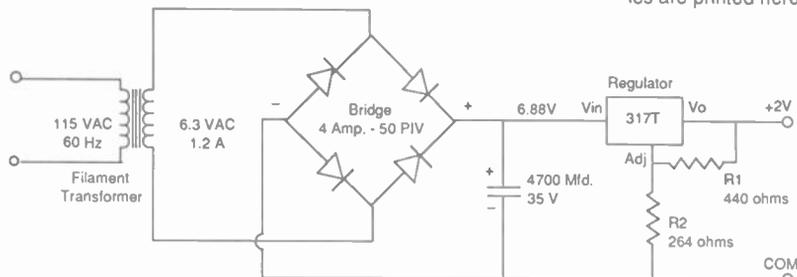


Figure 3. Complete "A" Voltage Schematic, Corrected.

### LETTERS

Dear Editor,

Reference line cords in Jim Fred's article in the February, A.R.C. If anybody changes a plug on a resistance line cord, be sure to reconnect the resistance wire to the new plug. In the 1930's, some radio owners learned the hard way on this! Some owners even cut the cord to shorten it – made money for more than one radio serviceman.

R. D. Chenez, Gardner, MA

Dear Editor,

Here is a little info I read in the March 1987 *National Geographic* in an article "Mysteries of the Bog."

"...on a rocky peninsula on Ireland's western fringe ... at the turn of the century, Italian radio

pioneer Guglielmo Marconi set up one of the first transatlantic wireless stations. Peat [from the bogs] fueled its electric generators.

"The station burned down in the 1920's ... and in the 1940's the families in the neighborhood began to cut turf on the Marconi bog for their own use.

Leonard Arzoomanian, N. Providence, RI

Dear Editor,

Anyone have an answer? With Q-type 199, WD-11, WD-12 and rare tubes: How to ship old radio tubes and old light bulbs that are 60+ years old with fragile filaments across town or from coast-to-coast and arrive with the filament intact, even when packed in a well-padded carton? Via UPS or mail???

Frank Krantz, Somerdale, NJ



# AUCTION REPORT

## ROBERT WOODWARD RADIO AUCTION Medford, New Jersey - June 11, 1988

CONTRIBUTED BY FRANK KRANTZ

This is a report on a sale held June 11, 1988, in Medford New Jersey. The sale was held by Col. Donn Fagans, auctioneer, of Cherry Hill, N.J., for the estate of Robert Woodward (Woody's Antiques), of Haddenfield, N.J. Woodward was a collector and dealer of phonographs and radios for 45 years and had a large RCA Victor Nipper collection.

Here are some of the items sold at top bid:

Murdock radio .....	\$150
RCA 60 .....	30
Signal radio .....	35
Atwater Kent radio .....	55
Magnet radio .....	80
RCA wood packing crate .....	90
Radiola 33 .....	25
Radiola 18 .....	40
David Grimes radio .....	205
Atwater Kent 20 .....	50
Music Master .....	35
Sampson radio .....	55
AM Bosch radio .....	35
Horn speaker .....	75
"On the Air" sign, electric .....	55
Silvertone speaker .....	30
Lot 5 tubes .....	40
5 bulbs & tube .....	30
5 RCA radiotrons .....	35
6 tubes .....	47.50
5 tubes .....	42.50
GE radio .....	125
Radio bank .....	17.50

Radiola 20 .....	\$95
Nipper .....	115
Small radio sample display cabinet .....	85
RCA tape reel-to-reel .....	5
RCA sign, leaded .....	22
RCA tube handbook .....	9
4 asst. RCA books .....	4
14" Nipper w/reglued ear .....	100
RCA wall dealer banner .....	100
Atwater Kent 20 .....	70
RCA radio model .....	85
"His Master's Voice" print .....	90
Nipper, large .....	375
Nipper wood tray .....	175
Victor radio and record player .....	65
RCA clock .....	102.50
Asst. tins from RCA needles .....	16-35 ea.
RCA watch fob .....	125
Nipper on cardboard frame .....	145
Nipper photo .....	70
Nipper photos .....	52.50
Nipper bank .....	90
Large Nipper, paper maché .....	525
Small metal Nipper .....	75
RCA print .....	115
Stuffed Nippers .....	60, 75, 90
RCA talking doll in OB .....	600
RCA Ludwig von Drake doll (Disney) .....	160
RCA coin-operated (hotel room) .....	70
Plastic Nippers, asst. sizes .....	60-90 ea.

(Frank Krantz, 100 Osage Ave., Somerdale, NJ 08083)

## THE A.R.C. AUCTION

The final results of the first group of items in the A.R.C. auction follow:

### Item #1 - Firth Crystal Set Model 35-B.

This item was withdrawn. The high bid of \$250 was less than the minimum which had been set for the item.

### Item #2 - Kennedy Model 311, portable, 1-tube receiver.

This item was sold for \$370.

Comments on the auction:

The A.R.C. auction was begun for several reasons:

1. Good for the buyer: Since not everyone can be the lucky first caller responding to a "For Sale" classified ad in A.R.C., the auction gives everyone an equal chance for a desirable item.

2. Good for the seller: Often sellers do not know what an item is worth and sometimes set the price

too low. Of course, the first caller gets a bargain, but after a dozen or so calls, the seller realizes that he made a mistake. The auction helps the seller determine the value of his item.

3. Good for A.R.C.: A 10% commission was being taken by A.R.C. to cover the costs of the extra telephone line for the auction, running the auction and something (hopefully) left over to go toward A.R.C.'s ongoing expenses.

Although there was a great deal of activity on the auction telephone line, the number of bids which came in was less than expected. Of course, limiting the bidding to postcards (which simplifies the running of the auction and results in a hard copy of all bids) slowed it down considerably. It was because of the mail delay (up to a week) that it was difficult to put a deadline on the bidding, which is when most of the bidding takes place.

A.R.C. is considering changes to the auction, including leaving bids on the answering machine. Let us know your thoughts. (The Editor)

# CLASSIC RADIOS

## Restoration of Performance in E.H. Scott Receivers of the Early and Mid-1930's

BY NORMAN S. BRAITHWAITE

Although I wrote this article primarily for the benefit of those collecting and restoring early and mid-1930's Scott receivers, the problems and solutions here apply to many other sets made by other manufacturers.

Some of the most common problems I find in the early and mid-1930's E.H. Scott sets, especially the Allwave 15 and Imperial (Allwave 23), include oscillator failure (oscillator will drop out at the low end of the higher bands), lack of sensitivity, and poor selectivity. In one extreme case, an Imperial had an oscillator which cut out at the low end of all bands and would not oscillate at all on the high band. Changes in the circuits and construction practices substantially eliminated these problems in the Philharmonics and later sets.

Initially, the source of these problems was difficult to locate; however, after extensive investigation, the causes became apparent. The primary cause was resistance in the oscillator and IF circuits. The resistance develops in electrical connections made through rivets and machine screws. The most critical of these connections are located on the tuning capacitor. Electrical connections to each stator in the tuning capacitor are made by a machine screw which passes through a phenolic insulator. After fifty years, the phenolic insulator shrinks enough to allow a small gap to develop between the screw and a solder lug. Light corrosion sets in, and resistance develops

(Continued at bottom of following page)

## Acquisition of a Treasure – The Scott Allwave 15

BY HENRY ROGERS

Every collector, of each type collectible, has at least one choice item in his collection which was obtained with a combination of skill at negotiation, recognition of the choice item's value and a whole lot of luck.

My particular choice item is a mint condition, original Scott Allwave 15 in a Waverly Grand cabinet, also mint original. Here is the story of its acquisition.

In December 1975, my wife and I were visiting our parents in the San Francisco area of California. We decided to drive over to San Francisco and look around the antique shops that used to be at the bottom of Battery Street.

The first few shops were normal in that they had nothing relating to early radio items. Then we noticed an old rustic building with a gigantic logo painted on its brick sides stating "Maritime Antiques." We decided to try it regardless that the logo also stated "Nautical Items."

Once inside we soon discovered in back of the "Aquatic" displays a beautiful Scott Allwave 15. Lifting the lid revealed a chrome chassis that was absolutely perfect.

I knew the dealer would want a fortune for this set, but thought I would ask anyway.

"How much for this radio?" I asked, trying to seem casual and not too interested.

"I hate radios!" the dealer practically screamed. He walked towards the Scott and continued, "I can't stand that junk; they never work. The only reason I even have that one is I

(Continued at top of following page)



Figure 1. Scott Allwave 15 from the collection of Henry Rogers.

(Acquisition of a Treasure, Continued)

had to buy it as part of an estate sale to get the stuff I really wanted." He paused. "Fifty dollars!"

"Oh," I said, carrying the casual, not interested act too far as we walked out of the shop and drove back to our parents' home.

Of course, that was a sleepless night full of doubt about my ability to recognize a good deal even if it were carrying a placard around its neck. Thinking of all the other collectors with that ability who were at that moment buying the Allwave 15 fueled my insomnia.

At 9 AM the next day, we again went to Maritime Antiques, and the shopkeeper, of course, recognized us. "Are you going to buy that radio today?" he asked.

"Yes," I said.

"Good! I'm glad to get rid of it. Fifty dollars!"

I paid him quickly and loaded my choice treasure into the truck. Returning home to Nevada, I thought along the way what a strange person that shopkeeper was.

Upon complete examination, I was even more delighted with the Scott. It didn't work for the antique dealer because he had the antenna wire connected to the GND post. The set performed as well as it looked. Also, when testing all the tubes, I discovered that each tube had its original sales sticker dated 1935 still attached. All original tubes? Maybe. An envelope found inside the cabinet is addressed to a woman in Michigan and postmarked 1947. The set was obviously well cared for since new and probably in her estate.

Well, twelve years later, I still have the Scott Allwave 15 with Serial No. M-416. It still works perfectly, testimony to the quality of set which Scott built back in the early 30's and later. The cabinet is still mint, showing the quality of the



Figure 2. Rear view of Scott Allwave 15.

woodwork that Scott supplied with his sets. Scott radios are examples of what kind of radio receiver could be built when the manufacturer was himself interested in radio; while catering to the higher priced clients, he was interested in building the best quality radio possible.

(Henry Rogers, Box 501, Minden, NV 89423)

(Restoration of Scott Receivers, Continued)

in the connection. The tuner must be removed to fix this problem. All connections to the stators should be cleaned and tightened. I will even solder the heads of the screws to the solder lugs.

Small resistances also develop in riveted connections used for ground returns. Scott riveted solder lugs to the chassis using a lockwasher between them to improve the electrical connection. However, after the years of service, some resistance may develop. The resistance in these connections may be only a fraction of an ohm, but this is enough to noticeably reduce sensitivity and selectivity in the RF and IF circuits.

These riveted ground returns may be improved by soldering a bridge from the solder lug to the chassis. Since the chassis is steel, it must be cleaned very well (such as with steel wool or sandpaper) for rosin core solder to adhere. Acid core solder should not be used. A heavy duty soldering gun is necessary to heat the chassis adequately. If steel wool is used to clean the chassis, all steel wool fragments must be removed before applying power to the set.

After ground returns have been fixed, the IF alignment should be checked and adjusted as

required. A simple and accurate method of checking the IF alignment on the Imperials and Philharmonics without using test equipment is as follows:

- 1) Tune the receiver to a strong local station.
- 2) Set the selectivity/fidelity control 1/3 of the rotation from selective.
- 3) Rotate the sensitivity control through its range.

The tuning indicator will not vary if the IF adjustments are correct. Additionally, with the antenna removed, volume and sensitivity full on, and the selectivity/fidelity control as above, a rushing sound should be audible over the whole of each band. If the set fails either of these tests, IF alignment should be conducted as described in Rider's volumes 14 and 15.

Once these procedures have been accomplished, the performance of a rebuilt Scott receiver should be impressive and should rival the best receivers made throughout the years.

My next article will be on the Scott Telematic and Automatic Program Selector Clock.

(Norman S. Braithwaite, PO Box 2443, Redding, CA 96099)



# PHOTO REVIEW



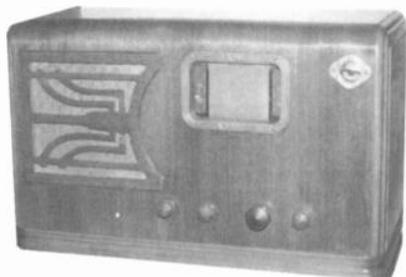
This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other radio-related items (covering the years 1900-1950's) from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, and preferably have a light-colored background. A short description must be included with each submitted item.



**SEA SHELL HORN** - Found in an American furniture auction. Height is 21", and the cherry wood base is 6" in diameter. Its manufacturer is unknown, but in Ralph Muchow's collection one is identified as an Oro Tone. The driver is a Borkman Velvet unit, of Salt Lake City. The inside bell liner was at one time painted. Using Muchow's horn as a guide, this perhaps had an artistic scene painted on the interior wall. (David R. Moore - Pearland, TX)



**PHILCO MODEL 45/28C** - The excellent cabinet of this six-tube AC radio is very heavy, as is the chassis. Made in 1934, this is my favorite 30's radio. (Wally Worth - Wollaston, MA)



**WARD'S AIRLINE MOVIE DIAL MODEL 62-318** - 1935 8-tube superhet. Standard broadcast, and two shortwave bands. Unusual tuning featured frequency and station call letters imprinted on a lighted rotating drum. A console version was also sold by Montgomery-Ward. (Dave Kendall - Huntington, IN)

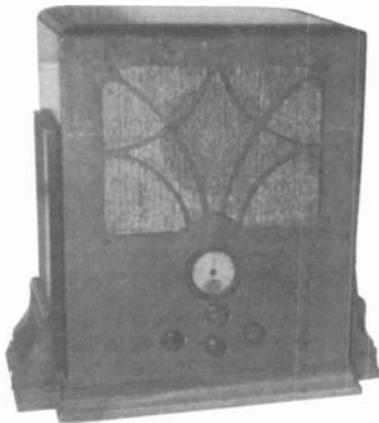
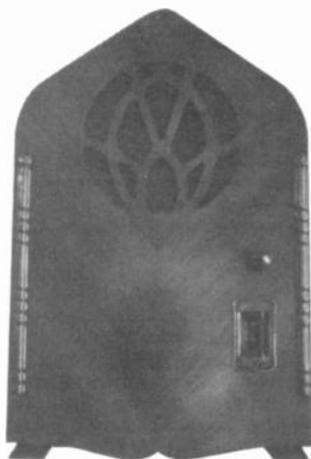


**CROSLY HEADSET BOX** - Unlike vintage headsets, the boxes they came in are seldom seen. This photo shows the top of a box for a Crosley Headset. Selling for \$3, it pictures a young lady using a Crosley 51-S to enjoy her favorite program. The text on the box touts the headset features. (Charles R. Combs - Albany, MO)

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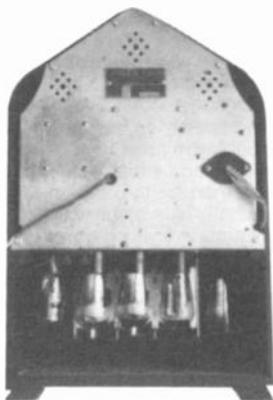
## PHOTO REVIEW

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**TATRO** – Six tubes, AC receiver with vibrator. Made by L. Tatro in Decorah, Iowa. (*Jerome Schliepp - Ripon, WI*)

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**UHF CONVERTER RCA MODEL U2** - The U2, introduced in 1952, offered a selection of only two UHF channels, which had to be preset inside the cabinet by a technician. There is no provision for fine tuning. Housed in a brown steel cabinet, the U2 features a power transformer and uses a 6BQ7 tube for an RF oscillator, and a 6CB6 tube as an IF amplifier. Made in 1952, it operates on Channel 2. Fortunately for the growth of UHF broadcasting, several companies like Mallory and B'onder Tongue began marketing tiny customer-tunable UHF converters for channels 14-83 in 1953, and built-in converters were mandatory after 1963. This allowed UHF stations to grow steadily in the 1970's and 1980's. (*Charles Harper - Lexington, KY*)

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**GLORITONE MODEL 27** – Two views of an unusual cathedral made in 1930 by U. S. Radio and Television Corp. Note that the chassis is mounted upside-down. It uses a 27, a 45, 2-24's, and an 80. (*Alexandria Nelson - Albuquerque, NM*)

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**VICTOREEN SUPERHET** – Not factory built! I made the radio in the late 20's, using the Victoreen as a base. The extras are left to right as follows: 1. RF amplifier, followed by a 2-stage untuned RF. 2. RF amplifier. 3. RF amplifier. 4. Regular oscillator. 5 Oscillation for "super gain" The set also had four stages of audio. (The last two are push-pull.) The regular Victoreen set is in the September 1926 issue of the *Citizens Radio Call Book* magazine, p. 119 (pictures, diagrams etc.). With a good antenna I could get all over the West Coast. (*G. G. Farnsworth - Waterloo, IA*)

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# WITH THE COLLECTORS

CONTRIBUTED BY RICHARD ARNOLD, P.O. BOX 275, LONE GROVE, OK 73443

## HEADPHONES

Many interesting articles have been written about radio receivers, horns, loudspeakers and other radio equipment, but I have seen little concerning headphones. Possibly, we can learn a little more about these early receiver units.

Earphones were being used for telephone reception prior to radio, so they were already on hand when radio came on the scene. Radio signals were sometimes rather weak, weaker than the telephone signals. One of the big things in early radio was going for distant stations which had weak signals. Telephone headsets were not able to pick up these radio signals too well. The solution was to design headsets especially for radio reception. They were made with a thinner diaphragm, and more turns of a finer wire wound on the coils.

The impedance of a telephone headset might be 100 ohms whereas a radio headset would be at a minimum of 1000 to 3000 ohms. This impedance means resistance to alternating current. The higher the impedance the better the phones as it more matched the electrical nature of the transmitted radio signal.

Headphones are generally go/no-go instruments; they either work or they don't. Most of the time the trouble is in the cord. Headphone cords are made of tinsel wire and can be easily damaged. Sometimes a problem can be in the wire winding around a coil. If the headset reads open

on an ohmmeter, you can unscrew the cap and look for a broken lead. If you don't see that, try to unwind the wire from the coil and look for a broken end.

Many companies made headphones. Westinghouse may have been the first as it held an early dominant position in the industry. Other early manufacturers were Murdock, Holtzer-Cabot, Mesco, Brandes and Baldwin. Some of the better known names of the 1920's were Kellogg, Frost, Kennedy, Federal and Red Head. One company, Murdock, made a 2000-ohm headset as early as 1913, and sold it for only \$4.50. By 1925, the price of an ordinary headphone was down to \$2.95.

Baldwin (Baldies) as they were called, were probably the finest headphones made. They used a fiber diaphragm in what they called their Type C and sold it for \$16.50 in 1910. In 1922, they made another Type C which were called amplifying headsets. These were probably the most famous radio receivers. They were made entirely different than any other headset then on the market. They had a special mica diaphragm which was actuated by a very thin light armature which was supersensitive to the slightest variation of current passing through the electromagnets. This type of construction made possible the hearing of signals that were not audible in an ordinary headset.

These headsets were so good that they were used by many departments of the U.S. government and even some foreign countries.

These headsets actually were not traditional headphones, but early magnetic speakers, and were used in early horn-type loudspeakers where earphones were simply attached to the end of the horn.

(Richard Arnold, PO Box 275, Lone Grove, OK 73443)



Figure 1. Nathaniel Baldwin "Super-sensitive, mica diaphragm amplifying receivers," 1924.

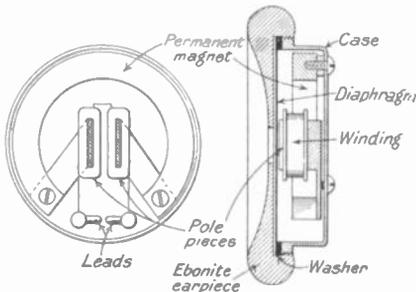


Figure 3. The internal construction of a headset (Reyner, Modern Radio Communication, 1923).



Figure 2. Super-Fone "Superette" radio headset, 1927.

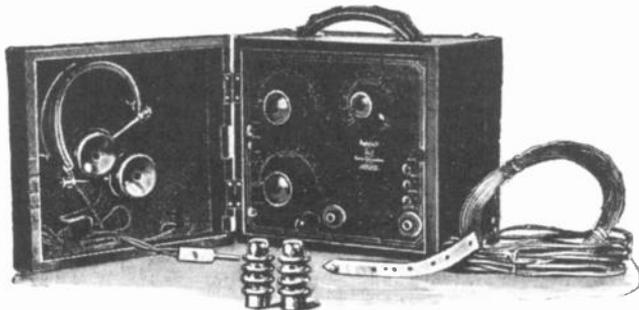
# TIMES SQUARE AUTO SUPPLY CO. INC.

MAIL ORDER AND MAIN OFFICE 56<sup>TH</sup> ST., & BROADWAY N.Y.C.

## Times Square Auto Supply Co., Inc. – Part 2

The Times Square Auto Supply Co., Inc. was one of the many firms which found itself in the radio business when the sales of radios soared in the early 1920's. Not only did they have six stores in New York City, but twelve out-of-town stores including ones in Rhode Island and Wisconsin. A few of the pages from their 1924 catalog are printed on these pages.

### R.C.A. RADIOLA II



This is an exceptionally high class receiving set designed particularly for use where portability is desired. Light in weight yet ruggedly built into a convenient carrying case with special compartments to accommodate the headset, two tubular three-cell flash light "A" batteries and from two to four "B" batteries. The batteries are at all times connected allowing instant operation by only connecting an antenna and ground.

The cabinet is of heavy mahogany, the front cover and carrying handle are removable, giving the set a handsome appearance for home use.

Two UV-199 Radiotron tubes are used in its operation. These tubes are the latest development and each draws only .06 ampere from the battery. It is therefore possible to operate the set one or two hours daily for several weeks with two three-cell flash light batteries.

Its remarkable selectivity permits it to receive both local and distant stations with clearness and volume of tone.

The apparatus consists of an efficient regenerative tuner, a vacuum tube detector and one stage of audio frequency amplification, easily operated by use of only three knobs.

An ideal outfit for home use, outings, boat or auto trips. The cabinet measures 10-7/16 inches high; 11-9/16 inches wide, 3/4 inches deep. Weight with batteries and headset 17 1/4 pounds.

No. R-120 Radiola II complete outfit. Price.....

**\$91.55**

#### Complete Equipment Supplied with Radiola II

- 1 Brandes Head Set.
- 1 Phone Plug.
- 2 UV-199 Radiotron Tubes.
- 2 Ex-Cell 22 1/2 Volt "B" Batteries No. R-31.
- 2 Tubular 3 cell Flashlight Batteries.
- 100 Feet Stranded Copper Aerial Wire.
- 50 Feet Lead-In and Ground Wire.
- 2 Porcelain Insulators.
- 1 Ground Clamp.
- 1 Ground Clamp.

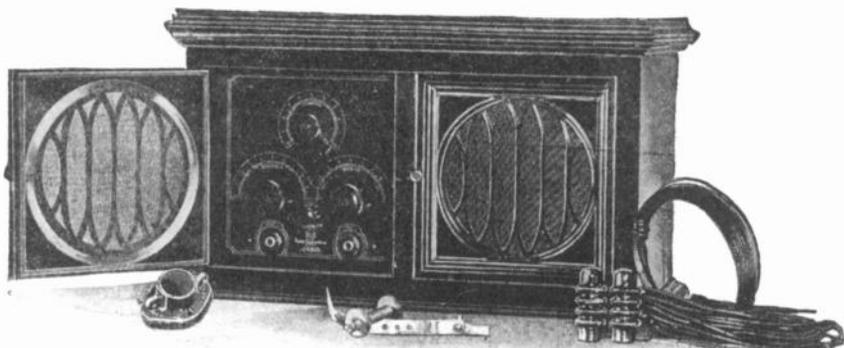
Complete outfit ..... **\$91.55**

Times Square Auto Supply Co., Inc. Radio Catalog, 1924, Page 9: R.C.A. Radiola II Portable Receiver.

# R. C. A. RADIOLA IV

COMPLETE FOR

**\$260<sup>.75</sup>**



The Radiola IV is an efficient compact, self contained receiver, handsome and attractive in appearance.

The cabinet is of genuine mahogany, beautifully finished, the top of which opens to allow access to the tubes and all batteries which are contained entirely in the cabinet.

The set consists of a regenerative tuner and two stages of audio frequency amplification.

A distinctive feature of the Radiola IV is a distortionless loud speaker of recent design which is built into the cabinet.

After the tuning controls have been properly adjusted, the doors can be closed entirely concealing all working parts, the sound being omitted from the loud speaker through the griled doors.

Three UV-199 Radiotron tubes, one as a detector and two serving as amplifiers make possible the use of dry cell batteries. The tubes each draw only .06 ampere permitting one set of batteries to be used for a considerable length of time.

Jacks are provided from the use of headsets which may be plugged in for the reception of very distant stations and automatically disconnect the loud speaker.

No. R-121. Radiola IV complete outfit. Price.....

**\$260.75**

## Complete Equipment Supplied with The Radiola IV

- 1 Radiola IV.
- 4 UV-199 Tubes (1 for reserve)
- 3 Red Cell Dry Cell "A" Batteries.
- 2 Ex-Cell 45 Volt "B" Batteries No. R-35.
- 1 ABC "C" Battery No. R-341.
- 1 Brandes Head Set.
- 1 Phone Plug.
- 100 Feet of Stranded Aerial Wire.
- 50 Feet of Lead-In and Ground Wire.
- 1 Ground Clamp.
- 2 Porcelain Insulators.
- 1 Molded Lead-In Insulator 4 inch.
- 1 Sensory Lightning Arrester.

*Times Square Auto Supply Co., Inc. Radio Catalog, 1924, Page 10: R.C.A. Radiola IV.*

## R.C.A. RADIOLA VII

Complete with Loud  
Speaker  
Ready to Install

\$278.<sup>25</sup>



### Complete Outfit Consists of RADIOLA VII

- Westinghouse Loud Speaker Type FH.
- 6 6UV-199 Radiotron Tubes (One Spare)
- 6 Red Seal Dry Cells.
- 2 Ex-Cell 45 Volt "B" Batteries No. R-35.
- 2 "C" Batteries No. 341.
- 1 Phone Plug.
- 100 Feet Stranded Copper Aerial Wire.
- 50 Feet Lead-in and Ground Wire.
- 2 Porcelain Insulators.
- 1 4 inch Molded Lead-in Insulator.
- 1 Ground Clamp
- 1 Sensory Lightning Arrester.

The Radiola VII is a console type receiver which embodies every development of radio art and many features which are not found in any other set. The cabinet is of beautiful solid mahogany, the panel is of satin finished bakelite.

Operation is extremely simple as all tuning is accomplished with two condensers. The tuning control is set at the wave length on which the desired station transmits and by slowly turning the knobs which control the condensers, the signal is received. The tubes are controlled by the rheostat and are automatically turned on and off by push button switch, mounted on panel. The installation of dry cell batteries within the cabinet has been made possible by the use of UV-199 Radiotron Tubes.

Radiola VII consists of a highly selective two-circuit tuner, two stages of Radio Frequency Amplification, a Radiotron Detector and two stages of audio frequency amplification. The radio frequency amplification increases the volume and makes the set particularly adaptable for long distance reception. An added feature is the Westinghouse type F. H. Loud Speaker which is furnished

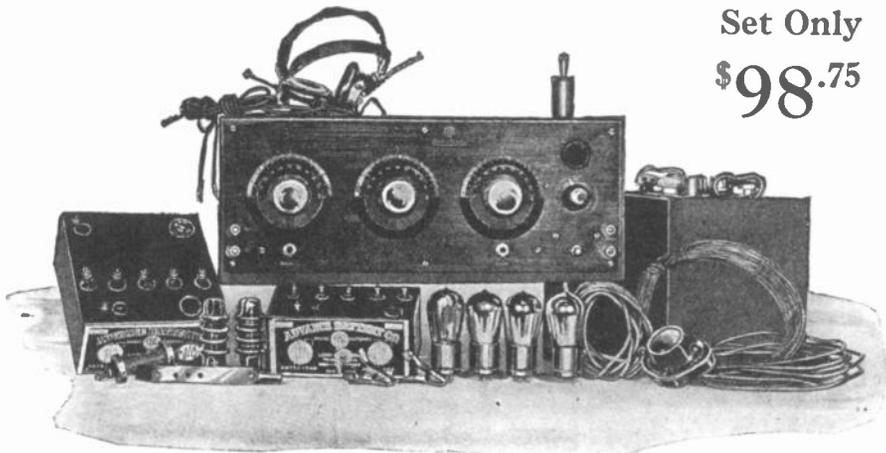
with the set. It is specially designed to meet the requirements of the Radiola VII and reproduces with great volume and without distortion.  
A set of distinction for those who appreciate quality.  
No. R-123. Radiola VII complete outfit including loud speaker. Price **\$278.25**

*Times Square Auto Supply Co., Inc. Radio Catalog, 1924, Page 10: R.C.A. Radiola VII.*

# NEUTRODYNE

## Fada Type 160 Receiver

Set Only  
\$98.<sup>75</sup>



### Complete Set with Storage Battery Equipment Consists of

- Fada No. 160 Neutrodyne Receiver.
- 3 UV 201-A Radiotron Amplifier Tubes.
- 1 UV 200 Radiotron Detector Tube.
- 1 2000 Ohm Head Set.
- 1 Phone Plug.
- 1 6 Volt, 90 Ampere Hour Storage Battery.
- 2 Ex-Cell 45 Volt "B" Batteries No.R-35.
- 2 "A" Battery Clips No. 325.
- 100 Feet Stranded Copper Aerial Wire.
- 1 Sensory Lightning Arrester.
- 50 Feet Lead-in and Ground Wire
- 15 Feet Rubber Insulated Wire.
- 1 Ground Clamp.
- 2 Porcelain Insulators.
- 1 4 inch Lead-in Insulator.

The Neutrodyne Circuit is the very latest development in radio receiving and has become recognized as the acme of radio perfection. It is unique for the reason that it entirely eliminates all tube noises which are so prevalent in radio reception. The circuit used is entirely different from all others and is designed for radio frequency amplification with the neutralization of capacity coupling.

The Fada No. 160 has an abundance of volume, easily controlled and operated and has no equal for clearness of tone. The wonderful results obtained is due entirely to the art of special tuned radio frequency transformers and neutrodon condensers. The ease of tuning is accomplished with three dials, one controlling the antenna and the remaining two controlling the tuned radio frequency transformers. The remarkable feature is the fact that when once the three dials are set to receive any particular station, this same station will always be received by setting the dials at the same position. A chart is furnished with the set for the purpose of recording the different stations as they are received and by making proper notations of the station you desire, whenever the station is broadcasting. This makes the adjustment so simple that any member of the family, without any radio experience, can successfully operate the set.

The Neutrodyne Circuit is highly selective and eliminates interference caused by the oscillations of nearby receiving sets.

The cabinet is of solid mahogany highly polished, the panel is of satin finished genuine bakelite, the dials and rheostat knobs have large plain white figures and match perfectly the splendid appearance of the set. Best results are obtained when using an outside antenna but fine results are also obtained with the use of an indoor antenna which can be concealed around the room.

No. R-124. Fada No. 160 set complete with storage battery equipment. **\$145.30**

No. R-12. Fada No. 160 set without equipment. Price ..... **98.75**

*Times Square Auto Supply Co., Inc. Radio Catalog, 1924, Page 13: Fada Type 160 Receiver.*



**WANTED:** Some of the massive spark era keys by Marconi, DeForest, Massie, Lowenstein, Wire-less Specialty. Gil Schlehman, 335 Indianapolis, Downers Grove, IL 60515

**FOR SALE:** Rubber belt replacements - \$5 ea. Enclose make, model number. Large Selection. Steve Karpiak, 1333 Madison St., #9, Hollywood, FL 33019. (305) 587-6720; (305) 923-2336, nights

**WANTED:** Transistor radios. Early pocket-sized models. Send close-up photo, Xerox image, or rough sketch with price. Roger Handy, PO Box 24527, Los Angeles, CA 90024. (213) 451-4040

**FOR SALE/TRADE:** AK Model 55 console, untested, cabinet good, needs speaker cloth. Trade for working Philco. Michael Morin, 357 Lothrop St., Taunton, MA 02780. (617) 823-9061

**WANTED:** Allied Radio AX-190, SX-190. All Knight kits, manuals, Lafayette CB, SW, ham. Hallicrafters SX-133, R-51 speaker, HA-19 cal., HT-33-B linear amp. Hammarlund HQ-180 with S-200 speaker. Allied, Lafayette, Heath, Radio Shack catalogs. QST magazines 1920-1929 with yearly handbook. Anthony J. Mignogna, 25432 Second St., El Toro, CA 92630

**WANTED:** Grandfather clock radios, novelty radios. Have some interesting trades. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5

**FOR SALE:** Crosley, U.S. Army receiver, Model BC-733-D with 24-volt dynamotor - \$40. Frequency meter, Signal Corps Model BC-221-Q, 125 to 20,000 Kc, with calibration book - \$45. Also Navy crystal-controlled frequency meter, Bendix Model LM-10 - \$30. Ernie Nagy, 1599 Boxford, Trenton, MI 48183. (313) 676-6491

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

**FOR SALE:** Heathkit DX-100 transmitter. Also National NC-109 receiver with owner's manual. Original owner, builder. Both working fine - Best Offer. Dennis Walach, W1FHJ, 22 Pierpont St., Peabody, MA 01960. (617) 531-2040

**WANTED:** For 1929 Stromberg-Carlson 846 radio, magnetic pick up No. 3-A and phonograph turntable for phono jack. Harris Schnare, 166 Lowell St., Arlington, MA 02174. (617) 648-7447

**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:** Still looking for RCA speakers 104 and 105! Tracy Sands, 1520 W. Juno Ave. #C, Anaheim, CA 92802. (714) 491-8546

**WANTED:** Zenith 5-tube table model radio Model 5-R-226. Arie E. Breed, 510 Lake Dr., Ottumwa, IA 52501. (515) 682-6925

**WANTED:** Unmodified ARA/ATA, SCR-274N, ARC-5 equipment, manuals, accessories, for collection. Dan Greenon, KH6P, 9277 Morningside Dr. NW, Silverdale, WA 98383. (206) 692-9406

**FOR SALE/TRADE:** Kadette Jr. chassis, 1933 (F.O.S., p. 101). Steinite Model 261. Brunswick Model 5WD. Stewart-Warner Model 801. Pilot Model P-E-6. Standardyne Model ? All the above are AC LP table models. T. Romano, 31 Granby Rd., Worcester, MA 01606. (508) 797-5753, eves. (617) 354-9972, days

### CLASSIFIED AD DEADLINES

Sep. 10 for Oct. 1988 Issue  
 Oct. 10 for Nov. 1988 Issue  
 Nov. 10 for Dec. 1988 Issue

**FOR SALE:** Sams Photofacts 200 to 1210. Approx. 700 sets - \$475 ppd. WECO, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8275, 9 am-9 pm EDST

**WANTED:** Tubular electrolytic capacitors .001 thru 25  $\mu$ f. Rider's "basic" paperback volume: Physics, Radio, Audio, Math. Kim Gutzke, 7134 15th Ave. S., Minneapolis, MN 55423. (612) 866-6183.

**WANTED:** Pre-1970 tube hi-fi and sound equipment by Acrosound, Altec, Brook, Dynaco, Eico, Fairchild, Hadley, Harvard, Marantz, McIntosh, Quad, & others. Also AR-1 speakers, WE speakers. Joe Roberts, Box 19302, Alexandria, VA 22320. (703) 683-2955

**FOR TRADE:** Catalin: FADA 1000, yellow, mint; DeWald A-502, red/yellow, mint; DeWald A-501, yellow, mint; Garod 6-AU1, yellow, mint. **WANTED:** Emerson tombstone chassis AU-190 or BT-245 or complete radio with damaged case for parts. Will trade other Catalins or buy. Lairy Wilcox, 357 Gravatt Dr., Berkeley, CA 94705. (415) 548-7099

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Motorola X37 6 tnstr. N.O.S. in original box - \$35 + UPS. **WANTED:** Kenwood R-300. John Hill, 8524 Cedarbark Cir., Birmingham, AL 35206. (205) 836-2883

**FOR SALE:** Rider's Radio IX, X, XI, XII - \$6 ea. or \$20/all + shipping. Frank L. Brewster, Jr., 3rd St. & East Ave., PO Box 615, Baxter Springs, KS 66713

**WANTED:** Empty Victrola portable cabinet Model No. VV-35. Also need any parts for cylinder phonograph parts. Eric Eikenbary, 2491 Cheyenne Rd., Liberal, KS 67901. (316) 624-0470

**FOR SALE:** 1930 ARRL Handbook. Original manual for RCA ACT-40 amateur transmitter. Western Electric 18A radio transmitter. Western Electric 246A, 127C audio transformers. Misc. Eveready parts. Richard Bell, WA4BNO, 3900 Colebrook Rd., Charlotte, NC 28215. (704) 568-3583

**WANTED:** Top price for handle, knobs, dial ring for FADA Bullet, yellow amber. Jim Work, Antique Radio Works, 23670 Haynes, Farmington Hills, MI 48024. (313) 478-1967

**WANTED:** Cabinet for a Majestic Model 20 table radio. David Millard, K8TTT, 4578 St. Anthony Ln., Columbus, Ohio 43213. (614) 237-0214

**FOR SALE:** Mission Bell Radio. Glob Duodyne. Crosley Ace Type V. Send SASE for list. David McKenzie, 516 South Exeter St., Eustis, FLA 32726. (904) 589-0149

# ANTIQUE RADIO TUBES

THOUSANDS IN STOCK  
LOW PRICES - NO MINIMUM

Resistors - Capacitors - Knobs  
Dial Cord - Speakers

Write or Call for prices.

## MIDWEST SUPPLY ELECTRONICS

1165 Lafayette Avenue  
Terre Haute, IN 47804  
(812) 232-0187

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Small Zenith round black dial unit complete with mountings and glass. Also, grille cloth for Radiola 42 console, looks like green, brown, yellow and orange-striped burlap. Richard Arnold, Box 275, Lone Grove, OK 73443

**FOR SALE:** Send \$1.50 for America's best monthly Sales List of radios, TV's, mags., etc. Jim Clark Enterprises, Dept. ARC, 1292 Starboard, Okemos, MI 48864

**WANTED:** For Radiola 80: repwood grille, shadow dial glass, good clear diagram. Also need 27's, 50's, 45's. Would prefer balloon shape. Also junker chassis for RCA 80. William M. Dowd, Rt. 2 Box 113, Bastrop, LA 71220. (318) 281-0587

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

**WANTED:** Aligning Philco Receivers, Vol. 2, 1937-1941, by J. F. Rider, copy OK. Rich Griffith, 7238 Magoun Ave., Hammond, IN 46324

**FOR SALE:** Best offer for Roland Model W100, BC/SW portable, made in Mount Vernon, NY. Works great. L. Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150. (716) 873-0447

**WANTED:** National Bakelite Velvet Vernier dials. AK40 tuning dial, black. N.O.S. WD-11 tubes, also want several dud UX-199, WD-11, UX-201-A. Keith Kunde, K8KK, 8355 Dalepoint Rd., Independence, OH 44131. (216) 524-7698

**FOR SALE:** Cleaning out shack. SASE for list. **WANTED:** RS-6 or other spy radio equipment. Gary Cain, 1775 Grand #302, St. Paul, MN 55105

**NOTICE:** Moved to new address and phone number. Sorry about delays. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

**WANTED:** N.O.S. coil forms, especially Hammarlund SWF 4-, 5-, 6-pins, National or Insuline. Philco Model 1001, 10" - \$175. Keith Kunde, K8KK, 8355 Dalepoint Rd., Independence, OH 44131. (216) 524-7698

## TELEGRAPH All Instruments WANTED



## REINKE & SONS

5301 Neville Ct., Alexandria, Va., 22310

(703) 971-4095

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Used technical books: radio, electronics, mechanics, mathematics, physics; military manuals, magazines, catalogues, handbooks, etc. Two stamps for list: Softwave, 1515 Sashabaw, Ortonville, MI 48462

**WANTED:** Knobs for Philco 20. WE 231D tubes. Philco 70 output xfmr. Henry Brown, 2 Central Ave., Morris Plains, NJ 07950. (201) 538-2014

**WANTED:** Speaker for Philco 90, with good field coil. Geco No. 2 crystal set, or equivalent. Jack R. Behrns, W6VNT, 4846 Lorraine Dr., San Diego, CA 92115. (619) 582-0651

**FOR SALE:** QST's, 1922-1930 set. Radiolas. Crosleys, etc. **WANTED:** Stromberg-Carlson, any type. Send for radio list. T. Babcock, 163 Long Island Dr., Moneta, VA 24121. (703) 721-1222

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

**WANTED:** PR-15 Pierson DeLane communication receiver, must be excellent and working. Wallace Glavich, KB6CK6, 1208 Gross St., Eureka, CA 95501

**WANTED:** Paying \$20 for a smashed, broken or parted-out Majestic Model 5T, 511, or 5LA5 (this one is in P. Collins book), but the bullet-shaped knobs must be in good condition! Thanks! Jimmy Downes, 607 East 12th Ave., Covington, LA 70433. (504) 893-7057

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**FOR SALE:** Echophone shortwave set - \$40. Triumph oscilloscope - \$40. General Radio RF generator, WWII - \$90. Clough Brengle capacitor bridge - \$25. Rockola amplifier, prewar - \$40. Rubicon Wheatstone bridge - \$30 Stewart-Warner radio - \$20. Assorted new Sprague mylar capacitors, 600v - \$35. Sidney Goldhor, 1014 B St., Hayward, CA. (415) 537-5149

**WANTED:** Schematic Pfanstiel 7: need 3 diodes, on/off switch, output transformer. Any info. Clem Burke, W5IXR, Box 73, Ojo Sarco, NM 87550

**WANTED:** Someone to rewind my Radiola VIII audios. Very simple uncased units. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

**FOR SALE:** Kiel table with working AK radio. Table, needs refinishing. H. Newton. (315) 633-5780

**WANTED:** Collins, mint 75A4 with filters and speaker, 32V3. Hallicrafters HT 45 lineo. Roy Dowdell, W5NZR, 3303 Savell Dr., Baytown, TX 77521. (713) 422-0472

**FOR SALE:** Riders 1-5, abridged - \$40 plus UPS. **WANTED:** Radiola 17 dial scale. Jim Sherbahn, 137 Farmington Dr., Woodstock, GA 30188. (404) 924-3135, before 10 pm

**WANTED:** Collins radio equipment and other ham gear from the forties thru seventies. Bob Mattson, KC2LK, 10 Jane Wood Rd., Highland, NY 12528. (914) 691-6247

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**WANTED:** James Millen No. 61455, 455 Kc IF transformers. Prefer N.O.S. or what have you. M.A. Bittner, 27215 Sunnyridge Rd., Palos Verdes, CA 90274

**FOR SALE:** Audio Classics. Buys-sells-trades-repairs-modifies McIntosh, Marantz (tube), Conrad-Johnson, Audio Research and other precision audio components. See our monthly list at the beginning of Audio Magazines' classifieds. Free catalog. POB 176ARC, Walton, NY 13856. (607) 865-7200, Mon.-Fri.: 8 am-5 pm EST

**WANTED:** Contact me if you have any E.H. Scott items for sale, including radios, cabinets, literature (especially Scott News), etc. Jim Clark. (517) 349-2249

**WANTED:** Atwater Kent or Philco console, 1930's. Sparton 1936. Air King, 1930's. Addison Model A2AC, 1940. Mitch Lumitone Model 1260, 1940. Belmont Model 6D120, 1947, and Model 534, 1940. Coca-Cola Cooler and other novelty or character radios. James Fraley, 334 W. Main, Osborne, KS 67473. (913) 346-2890, after 5 pm

**FOR SALE:** Atwater Kent Model 42F - \$65 ppd. Atwater Kent speaker Model E - \$65 ppd. Sylvia oscilloscope Type 132Z - \$50 ppd. Atwater Kent Model 36 - \$75 ppd. Pat Cutini, 2114 Main Rd., Corfu, NY 14036

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

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**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Rider's Radio Service Manuals #6 to #16 - \$18 ea. Also have Howard Sams early #'s. Marconi RCA stock certificate - \$30. Hawkins Elect. Guides, set of 10 books - \$30. Kleer Tone \$4. 01-A tubes, used - \$6 ea. Kellogg 401 tube, used - \$20 ea. RCA 877, N.O.S. - \$3.50. WE 215-A tube - \$12 ea. Vacuum Tube Saga, hardback, original printing - \$25. Philco 20, chassis untested, all orig. parts, needs clean up, tube shield missing - \$35. Philco 91, chassis untested, orig. parts, chassis needs repaint - \$40. Wurlitzer amp Model 771, 8-tube, for music machine, fair - \$40. Philco 620 chassis, no dial scale - \$20. Junking RCA Models 17-18-33, parts for sale, no light hoods. Precision TV sweep gen. Model E400 - \$45. Waterman S-11-A 3" scope - \$30. Philco signal tracer Model 7030 - \$35. Eico signal gen. Model 315, large dial - \$35. Accurate Ins. Co. VTVM, no instr. book - \$20. GR Variac, 5 amp. - \$20. Powerstat variac, 15 amps (25 lbs) - \$35. Radio Electronics, 1949 to 1956, lot of 15 - \$14. Radio World Weekly, 1930-1931 - \$6 for 6. Some listed items, SASE for list. Have 1000's of unlisted parts, knobs, coils, speakers, tubes, dial belts, pilot bulbs, vol. controls, dial knobs, jacks, plugs, books, magazines. Radio repairs and sales since 1930. I may have what you need. Write wants and SASE. Shipping and handling extra on all items. Min. order - \$7.50. Krantz, 100 Osage Ave., Somerdale, NJ 08083

**WANTED:** For Grunow Teledial 12, original instruction manual or good quality copy. Will be at the following address for the next 3 months. John C. Allport, Monarosa Mobile Home Park, Lot #19, Hamilton, IL 62341

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

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

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

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

**W.E. Microphones & Parts, etc.**

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(818) 701-5633**

## CLASSIFIED ADVERTISEMENTS

**WANTED:** IF transformers for Radiola Model 82 or similar windings. Alan Dickerson, 3905 Ken Dr., Lake Charles, LA 70605

**FOR SALE:** Echophone cathedral S-3 - \$225. Hallcrafters S-38D S/W - \$65. Crosley wood 56TC AM & SW - \$75. Old transistor AM - \$25. All nice & shipping. Rich Bednarck, 28 Steele Ave., Lincoln Park, NJ 07035. (201) 694-6374, eves.

**WANTED:** Cathedral type radios. Popular models preferred but not necessary. Pete Hons, Poplar St., Portage, PA 15946. (814) 736-3883

**FOR SALE:** Five Hammarlund, 4-pin plug-in coils, 3 inches high x 1 1/2 inches diameter - \$11 ppd. James Fred, R1 Box 41, Cutler, IN 46920

**WANTED:** Good cabinet for Crosley Model 52 and still need Raytheon Lectron pieces. Charles Combs, 508 E. Daniel, Albany, MO 64402

**FOR SALE:** Three oscilloscopes, all 5". Dumont 304-AR, no cabinet - \$10. Heathkit Model 03 - \$12. Eico push-pull Model 425 - \$15. Not tested but in good condition. Three Eicor dynamotors, two model 4120-46 12v-440v, one model 3420-70 14v-330v, good - \$15 ea. Potter & Brumfield relays, 5 KRP-11D-24v DC. KR-5590-2. KRP-5D 6v DC. All 8-pin octal base Heathkit SSB transceiver Single Bander. Precision pots, - 10¢/dozen or more, inquire. Precision Series EV-10A vacuum tube Multi-Master - \$15. UV-201-A brass-base tipped tube - \$10. Ferdinand Estree, 660 Fineview, Kalamazoo, MI 49007. (616) 344-0231

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Bendix 526, green & black plastic, can ship - \$375. Hammarlund HQ120X with original manual, pick up only - \$75. Both sets are original & complete, with no cracks or dents. and works fine. Fred Kaeppl, 209 Cherry, Port Byron, IL 61275. (309) 523-3427

**WANTED:** I am paying the highest prices for character radios, such as Lone Ranger, Snow White, Mickey Mouse, Three Little Pigs, Charlie McCarthy, etc. Jim Clark. (517) 349-2249

**WANTED:** 1", 2" or 3" oscilloscopes built before WWII. Al Weiner, 178 Laurence Park Terrace, Bronxville, NY 10708. (212) 517-3265

**FOR SALE:** Character & celebrity items mail auction. Movies, TV, cowboy, cartoon, etc. Fun & affordable. Catalog - \$1. Mr. Mack, 408 Yorkshire Blvd., AR, Syracuse, NY 13219

**WANTED:** Telegraph keys, KOB's, sounders. Thanks to all who answered. Chuck Brydges, W4WXZ, 4901 Tiffany Ave., Winston-Salem, NC 27104

**FOR SALE:** Rek-O-Kut Model IMP-II record cutter with R8B amp., M-12S lathe, tonearm, cables, extra cutting styli; includes 90+ Audiodisc blanks, most unopened - \$450 or BO. N.E. Hart, 1479 Grove Circle, Clearwater, FL 34615

**WANTED:** Help me replace stolen Galaxy V transceiver. Any Galaxy considered. Send details. All answered. Vernon Ashley, 333997 Ellis 1, Huntsville, TX 77343

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**FOR SALE:** Rider's radio manuals No. II through No. XIV - \$200. Rider's transistor radio manuals, 59 manuals, 55 of these are numbered under 90 - \$125. Atwater Kent Model 20, good condition - \$60. AK Model 49, three tubes missing, good condition - \$50. Two AK Model E speakers - \$40 ea. AK Model L speaker - \$60. Radios and speakers untested. Bert Dincau, RR#2 Box 146, Mountain Lake, MN 56159. (507) 427-3239

**FOR SALE:** Seventy books: 15 radio fiction, 15 history, 40 technical. List free. Littlewoods, W9HE, PO Box 681, Brookfield, WI 53008

**WANTED:** Owner's manual for Zenith 5F134, copy OK. Don Knotts, 3158 N.E. Azalea, Hillsboro, OR 97124

**WANTED:** RCA Service Notes Vol. I, 1923-1928. Have old Rider's I for trade. Jim Traynor, 3198 Boudinot Ave., Cincinnati, OH 45211. (513) 662-4344

**FOR SALE:** RCA Radiola 17, good orig. cond. - \$95. Philco tombstone radio, exc. orig. cond. - \$85. Sony Model B-301W 8" TV with batt. pack kit. First Sony transistor TV, exc. cond. - \$50. GE wood table radio, ca. 1941 - \$40. Zenith Trans-Oceanic 3000-1, exc. cond. - \$85. Robert Sticher, 1992 Nome St., Aurora, CO 80010. (303) 366-1495, after 6 pm

**WANTED:** Any information, literature, or schematic on a Federal Model 56 radio. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (201) 725-7476

## CLASSIFIED ADVERTISEMENTS

**WANTED:** National NC-101-X speaker, SW-3 coils or forms. George Marts, 5022 Pennsylvania, St. Louis, MO 63111-2041. (314) 353-7669

**FOR TRADE:** Copy of Federal Bulletin, Oct. 1923, 36 pages of good stuff from Model 61 on down - \$12.95 ppd., or trade for 1 good UV-99 or 2 passable. Gene Claus, 2305 W. Rice, Sioux Falls, SD 57104

**FOR SALE:** N.O.S 6-volt vibrators, non-sync - \$50/25 pcs.; sync - \$75/25 pcs. Obsoletes, put elements inside your cans and wire to your needs. ATR vibrator books, covers 1930-54 - \$3. 7JP4, tests usable - \$20. 50 N.I.B. CRT's, 10 used, good - \$50 take all. Rebuilt 6/12v Mallory 12 VTID vibrator tester - \$35 firm. New 89 tubes - \$10/dozen. VT24/864 (UX WD-11 sub) - \$5 ea. 50 tube-type TV's - \$50 take all. 50 solid state TV's - \$100 take all. Hickock CA4 Compactron adapter, with full documentation - \$25 firm. MX 1123/v test adapter - \$10. Triplett 2413, 3212 instructions/obsolete tube charts - \$6 ppd. Hickock-Western Electric KS155559L1, KS15560 obsolete tube charts - \$6 ppd. Crystal ear piece, 1950's N.O.S. - \$3. #47 lamps - \$25/100 pcs. Jim & Nadlene Farago, PO Box 6313, Minneapolis, MN 55406.

**WANTED:** E.H. Scott and McMurdo Silver sets. Novelty radios. Jack Sacra, 1720 Solomon Rd., Charlottesville, VA 22901. (804) 293-9985

**WANTED:** Early quack medical violet ray devices. Pre-1900's medical devices. Richard Cane, 8391 N.W. 21 St., Sunrise, FL 33322. (305) 741-6838



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**FOR SALE:** DeForest type, three coil mount, and five honeycomb coils - \$60 plus UPS. John Mulhern N2GOF, 33 Hampton Ct., Red Bank, NJ 07701. (201) 842-8271

**WANTED:** Plastic dial window for Belmont 6D111 (Collins, p. 69). Mike Carron, 32519 Newago, Westland, MI 48185

**FOR SALE:** Philco Model 111 for parts. Schematics 1930-1950 - \$2. **WANTED:** Rider's Vol. 22 & 23. Tony DeMara, 40231 Day, Clinton Township, MI 48044

**WANTED:** WWII German radio tube RV 2.4P 700. Arthur J. Obermeyer, KAØPDC, 5254 Fairview, St. Louis, MO 63139. (314) 351-6991

**FOR SALE:** Send SASE for list of over 100 different radio parts and junk. P. Majewski, PO Box 92, Tamaqua, PA 18252

**WANTED:** Atwater Kent AK-90. John Chamblin, 1223 W. 23rd St., Los Angeles, CA 90007. (213) 745-6268

**FOR SALE:** Pick up only. Philco Model 49-1480 TV, 12", B&W, AM-FM-Phono, total 34 tubes in a custom classical console-type mahogany inlaid finish cabinet. A collector's item! - \$1500. Krantz, 100 Osage Ave., Somerdale, NJ 08083

**WANTED:** Majestic Model 194 chassis and chrome dial escutcheons. Frank Camenisch, 209 San Francisco Blvd., San Anselmo, CA 94960. (415) 453-9090

**CLASSIFIED ADVERTISEMENTS**

**WANTED:** Wanted for intelligence museum, any clandestine radios used by OSS or SOE in WWII. Also wanted are German, Japanese, Russian and U.S. military radios of WWII era. LTC William L. Howard, 219 Harborview Ln., Largo, FL 34640. (813) 585-7756

**CLASSIFIED AD DEADLINES**

Sep. 10 for Oct. 1988 Issue  
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 Nov. 10 for Dec. 1988 Issue

**FOR SALE:** Books on radio broadcasting, radio programs and radio personalities. Send SASE for list. Rainy Day Books, 44 Bertwell Rd., Lexington, MA 02173. (617) 861-8656

**WANTED:** Hickock 288X generator manual, not 188X. Radio service data for 1930's auto radios. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (201) 688-2092

**SERVICE:** Custom record cutting from your tape. Reasonable rates. Write for details. Bruce Leslie, Pro Recording Service, 13709 Mapleleaf Dr., Cleveland, OH 44125

**WANTED:** Knobs for Radiola 80 Push-button knobs for Philco 39-40. Harry Pewowaruk, 1535 No. 8th Ave., St. Cloud, MN 56303. (612) 252-9910

**HELP:** Chicago: Does anyone have info on old WHFC - location, power, frequency, programming? Jim, 4193 Central Dr., Elgin, IL 60123

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

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

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

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**WANTED:** Working or not, driver for Amplion AR-19. Base and driver that will fit an Atwater Kent Model L horn speaker. **FOR SALE:** 29 filament rheostats - \$50 ppd. Many different kinds, phot avail. Small rotary spark gap. Military small 24v motor. Has No. A6 r.e. 1. on it, in original box - \$50 ppd. Charles D. Martin, 1407 Memory Ln., Lutz, FL 33549. (813) 949-1835

**WANTED:** I will pay at least \$1000 for a 1930's bakelite Coke (by Crosley?) bottle radio in good condition. Jim Clark. (517) 349-2249

**FOR SALE:** 50 year's collection of catalogs, manuals, flyers, brochures, radios, phonos, transmitter parts, transformers, tubes, military items, books, magazines. 45 pages listing: 45¢ LSASE. F. Yonker, W21BH, 7 Old Farms Rd., Saddle River, NJ 07458

**WANTED:** To buy. service manual or diagram for Hammarlund Super Pro 600 Model 1, Serial No. 184. Willard M. Meadows, 220 Konegay St., Dothan, AL 36301

**FOR SALE:** Magnavox AC3C. AK 12. DeForest D-10. Kennedy 521. Radiola V. Scott 23-tube console. Majestic grandfather clock. Much more. Thinning collection plus selling old timer's collection. SASE for list. Jim Collings, 12005 Victoria Pl., Oklahoma City, OK 73120. (405) 755-1439

**FOR SALE:** Ampex 800 tape deck - \$80. Automatic Radio Corp., bakelite, table - \$100 + UPS. Warren Burdine, 830 Geneva Dr., Prescott, AZ 86301. (602) 778-1608

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** GE Model 411, maroon cabinet, 2 spots on top of cabinet, works well - \$22.50. RCA Radiola Model 17, with 100-A spkr. grille cloth replaced, very good cond. - \$150. Motorola Model 62X, brown plastic, works - \$15. Philco Model 37-62, good cond., works - \$75. E.C.A. Model 102, no knobs, good cond., works - \$25. Signal Corps wireless set Model 19, Mk. II with P.S. - \$35. Elmac Model P.M.R. 6A 5-band receiver - \$20. RCA Model 55F - \$25. **WANTED:** Spkr. for Philco Model 1430 Packard auto radio. Also spkr. for Gloritone radio Model 26. James Walker, PO Box 577, Tom Bean, TX 75489

**WANTED:** Rider's 1, 3, 4 and N.O.S. vibrator 870 Mallory or Raidart 5335. Roy Colen, 115 Morning Sun Ave., Mill Valley, CA 94941. (415) 388-1910

**FOR SALE:** Sentinel bakelite TM radio model 284W, 1947, very clean - \$25. Crosley white bakelite TM radio model 56TX, 1946, very clean, AM-SW - \$30. Home built 3-tube wood cabinet 8x18x8 battery operated has pilot dial built about 1924 - \$35. Trav-Ler portable radio with snake-skin cover - \$22. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

**WANTED:** Full set of coils for Millen grid dip meter. Filament cap for Kellogg 401. Pat Stewart, W7GVC, 1404 Ruth, Walla Walla, WA 99362

**WANTED:** Philco escutcheons: Model 71, metal; and 89, bakelite. Speaker for the 71. Steven Sandler, 3310 Arch St., First Floor, Philadelphia, PA 19104. (215) 222-3190

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## CLASSIFIED ADVERTISEMENTS

**WANTED:** Schematic for 1938 Emerson BC/SW wood table top, Serial #U6-497124. Knobs. Help! Bob Sherman, 36 Brickyard Rd., #31, Essex Jct., VT 05452. (802) 878-1529

**FOR SALE/TRADE:** Zenith Trans-Oceanic 1000D towards similar multiband receiver or offer. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

**WANTED:** RCA 44BX and 77D microphones. I will pay up to \$1,000 for a mint 44BX. R. Winslow, W2DAP, PO Box 192, Chatham, NY 12037. (518) 392-2633

**WANTED:** Tuning knob for Brunswick Model 12, 7/8" i.d., 2 1/8" o.d. Alexandria Nelson, 9225 Evangeline NE, Albuquerque, NM 87111. (505) 291-9468

**WANTED:** Tesla Supplement from Modern Electrics for May 1912. Good photocopy OK. TCBA, RR6 Box 181, Glens Falls, NY 12801

**FOR SALE:** Rider's Manuals Vol. 1 through 15, missing Vol. 5. Make offer. Jim Barrows, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

**WANTED:** Working 2000-ohm horn driver for Radiola VIII, Model AR-810. D. Kraeuter, 506 E. Wheeling St., Washington, PA 15301

**WANTED:** Two of each of the following tubes: 6H7S, 6G7S, 183. Ernest D.M. Yeaw, RR#3, Tamagouche, Nova Scotia, Canada B0K 1V0. (902) 657-2554

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Lincoln radios, cabinets, parts, manuals, etc., especially Models R-9 and SW-32 (F.O.S., p. 103). Also good blue Arcturus 30, 31, 32 and 45 tubes. Craig Korpak, 2542 Tuson Dr., Apt. 2C, Drayton Plains, MI 48020. (313) 673-0039

**WANTED:** Grebe synchrophase 7 B & C or A socket power units (original battery eliminators) and Grebe cone extension speaker. Rider's 22 and 23. Chassis Model 124 for a Crosley play-time grandfather clock radio model I-M. It can be from any Crosley with a 124 chassis, will consider junker. Leonard J. Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

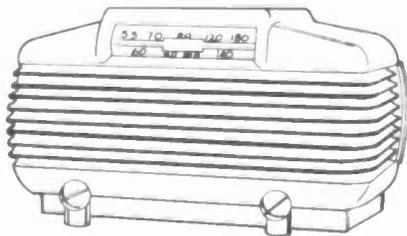
**MESSAGE:** Due to foot problems will not be able to exhibit at Canandaigua in September, but will be at my home with plenty of stuff for sale. Pat Cutini, 2114 Main Rd., Rt. 5, Pembroke, NY 14036. (716) 762-8270

**FOR TRADE:** Philco Safari Model H-2010 solid state TV. Trade for Philco cathedral style radio. Dwight Church, 2258 So. 64th St., West Allis, WI 53219. (414) 545-6972

**FOR SALE:** HRO 1937. Drake 2-C w/SW xtals, TS-1305. All excellent condition. Levy, 8 Waterloo, Morris Plains NJ 07950. (201) 285-0233

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**FOR SALE:** Radio tubes, used, new, Arcturus 27's - \$4.75 ea. **WANTED:** Old unusual tubes. Zenith round dial AC sets. Celluloid horns - buy or trade. R. Dobush, 3554 W. 105, Cleveland, OH 44111. (216) 228-4953

**WANTED:** Books on telegraph, wireless, radio, television, juvenile radio fiction, radio games, banks, advertising, crystal sets. All pre-1936. Jerry Simkin, 10 Avalon Ln., Matawan, NJ 07747

### CLASSIFIED AD DEADLINES

Sep. 10 for Oct. 1988 Issue

Oct. 10 for Nov. 1988 Issue

Nov. 10 for Dec. 1988 Issue

**HELP:** Can anybody give info on reshaping my Kadette Classic Model L translucent thermoplastic grilles which were distorted by tube heat? Also need schematic for same, approx. 1935. Jimmy Downes, 607 East 12th Ave., Covington, LA 70433

**WANTED:** Chassis and speaker for either a Silvertone 1150, 1152 or 1260 grandfather clock radio or for a Colonial 36, 36P, 38, 41, 42 or 114. Cash or lots of good trades. Jahan L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229, eves.

**FOR SALE:** Excellent Supreme 385 set analyzer without case, instructions - \$135. FADA radio Model 360, ivory and gold trim, excellent condition - \$85, UPS paid. Delmer R. Woodley, Rt. 3 Box 13, Milford, IA 51351. (712) 332-5673



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## CLASSIFIED ADVERTISEMENTS

**WANTED:** Schematic for National NC57. Copy OK. Stanley Caesar, 512 Country Club Circle, Midwest City, OK 73110

**FOR SALE:** Crosley 102 AM/FM - \$85. Zenith H500 - \$65. Bendix 115 - \$295. AK 37 w/tubes - \$75. RCA 7-band Strato World II, mint - \$150. Tube list SASE. PA Trans. Co. Inc., PO Box 112, Hellertown, PA 18055. (215) 435-8501

**WANTED:** 1LB4 tube. **FOR SALE:** Antique 4-pin tube 47X - \$4 ppd. James S. Looney, Rt. 1 Box 54, Grundy, VA 24614. (703) 531-8677

**FOR SALE:** Philco car radio C-1550 - \$35. Zenith car radio 5M-191, 1936 - \$50. Chev. car radio 985200 - \$45. Farnsworth ET066, nice - \$55. Federal E40 chassis - \$35. Philco 46-350 - \$35. Motorola 5P31A - \$15. Philco 48-141, bakelite - \$30. RCA 100A speaker - \$50. Emerson clock radio, small - \$35. Silvertone 1561 - \$40. RCA Radiola G1-1 - \$50. RCA-100 speaker - \$50. Heathkit amp chassis A-9 - \$25. RCA Victor 5T6 - \$50. All plus UPS. Darrell Combs, 6587 Pacheco way, Citrus Heights, CA 95610. (916) 969-0635, after 5 pm PST

**FOR SALE:** Small woods, some real nice small radios. SASE for information. Chuck's. PO Box 598, New Haven, WV 25265

**WANTED:** Philco 20 cabinet, good or restorable condition. Leonard Aquino, 2 Somerset Ln., Putnam Valley, NY 10579. (914) 528-6857

**WANTED:** Information concerning the origin of a European crystal set marked VAAM. Robert Stapleford, 1800 Randolph, Topeka, KS 66604

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**WANTED:** FADA Model 5F60 chassis with back and butterscotch knobs (Radios, p. 32). Also wanted: maroon knobs, original grille cloth and threaded feet for Westinghouse Little Jewel Model H124 (Radios, p. 63). Wayne Dempsey, 26 Forest Lake Dr., Simpsonville, SC 29681. (803) 297-6816

**FOR SALE:** Allied and Lafayette catalogs. Acme xfmr. and choke, SASE for list. F.A. Nicols, 720 E. Eldorado St., Appleton, WI 54911

**WANTED:** Speaker, dial face and cover for Philco Model 38-39. Stamp for radio list. John Porter, 701 N. Main, Osceola, IA 50213

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**WANTED:** Radio nurse by Zenith, brown bakelite petal-shaped speaker. Need not work! Paying over \$500. See my full-page ad in this issue. Harry Poster. (201) 794-9606, days

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**WANTED:** Urgently wanted: Information on McCarty Telephone or McCarty Wireless Telephone Co. Also artifacts from the two above-mentioned companies or Francis McCarty, Ignatius McCarty. Microphones with one mouthpiece and a multiple amount of microphones or telephone transmitters mounted on them. Looking for early books on telephone, telegraphy, wireless and radio. All types of early telephone transmitters and microphones; if you think it is unusual, drop me a line or call me! Also want broadcast mics. Bell Labs reproductions of Bell's early devices. Signs or advertising memorabilia about wireless or radio telephone or telegraph, or landline telephone. Stock certificates or early telegraph, telephone, wireless or radio companies of any type! Candlestick telephones that never had the provision for a hook switch, also any pictures or catalogs of these. Original wooden telephone receivers. Early radio transmitters such as DeForest, Paragon, RCA, etc. Early telegraph or wireless keys. Ed Sharpe, c/o Computer Exchange, 2224 W. Desert Cove #205, Phoenix, AZ 85029. Or call: Work - (602) 861-1388, days; home - (602) 247-9420, eves. & weekends

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## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Bendix green & black Model 526, nice condition, doesn't work - \$445. Emerson Patriot, needs restoring (needs handle, knobs, one grille slot damaged); yellow, red & white - \$250. Philco 37-84, chassis nice, cabinet fair, lights up, no audio - \$70. DeForest F-5 Radiophone, good condition - \$235. Zenith Zenette cathedral, very nice cond. - \$260. Hallicrafters S-27, very nice cond. Pics - \$1 SASE. Joe Szaoot, 1019 Hiland Ave., Coraopolis, PA 15108. (412) 264-7498

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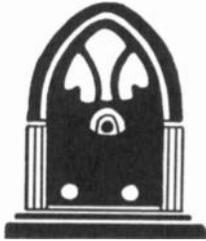
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**WANTED:** Howard Model W, also known as Explorer, vintage 1933/1934; and Howard Model Grand, vintage 1935/1936. Both sets use multiple chassis and have nineteen tubes, though they utilize different circuitry. Any literature, partial sets, firsthand information would be appreciated. Will be at VRPS/AWA convention in Dallas, in October. Thomas Peters, PO Box 3925, McAllen, TX 78502

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**WANTED:** Early Clapp-Eastham receiver to complete my spark station. Have DeForest, Marconi, WWI Navy, and rare tubes toward swap. Michael Payne, Rt. 5 Box 796, Alvin, TX 77511. (713) 331-9217

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**WANTED:** Eight- by twelve-inch speakers with green cones for Crosley Eldorado televisions. Robert Wiczkowicz, PO Box 86, Craryville, NY 12521. (518) 325-5307

**FOR SALE:** Supreme Publications, TV 1949-1959, 1961-1966 - \$3 ea. or \$40. All plus postage. Robert Sukosky, 62 Strong St., Manchester, CT 06040. (203) 646-8857

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

**WANTED:** Knobs for Hallicrafters SX-62A, band selector, pointer reset, volume control with numbered skirt. Bob Hayes, 643 37th Ave., San Francisco, CA 94121. (415) 221-3326



### TIMELESS RADIOS

Jerry Finamore  
310 Ellwood St.  
Easton, PA 18042  
(215) 253-3608

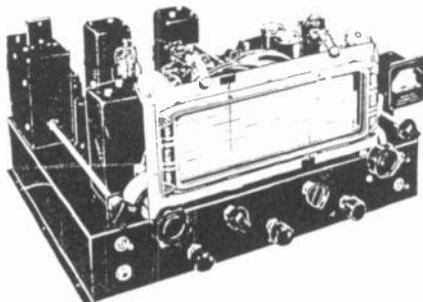
## FOR SALE:

- |                                     |       |
|-------------------------------------|-------|
| 1. GE E-61 Cathedral                | \$135 |
| 2. Eria Clock Cathedral             | \$325 |
| 3. Philco 16B Tombstone             | \$200 |
| 4. Crosley IV Amplifier             | \$200 |
| 5. AK E Speaker                     | \$50  |
| 6. Philco 84, excellent             | \$125 |
| 7. Farrand Cone Speaker             | \$65  |
| 8. Zenith 250 Cathedral             | \$250 |
| 9. GE K-53, working                 | \$90  |
| 10. Grunow Chrome-grilled Tombstone | \$80  |

*Send S.A.S.E. for large list of radios, speakers and advertising!*

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** New acquisitions of radio magazines. 1. QST magazines in red QST binders, 1941 to 1975, reasonable, write wants. 2. QST magazines, 1920 to 1927, sold individually, send want list. Also a few 1917 & 1919 copies. 3. 73 magazine, complete years 1961 to 1972. 4. Radio magazine, complete years 1936 to 1941. 5. CQ magazine, complete years 1945 to 1963. 6. QST magazines, complete years 1941 to '49 in excellent condition. 7. Ham Radio magazine, 35 issues 1968-1971. Send SASE with inquiry. Gary B. Schneider, 9511 Sunrise Blvd., #J-23, North Royalton, OH 44133. (216) 582-3094



**WANTED:** Meissner communication receiver #10-1174, 14 tubes, kit or assembled. Also, All-wave tuning unit #13-7611. Will be in Canandaigua. Jacques Dubois, 25 Rue de L'Eglise, Neuilly, 92200, France

**HELP:** Would appreciate good Xerox copy of Radio Retailing, pp. 66-67, June 1929; also Radio, pp. 53-54, Dec. 1929. Will pay for copies and your time. Ed Mondor, 121 Gateway Dr., Greenville, SC 29615. (803) 268-0952

**FOR SALE:** Rider's Volume VII & XII, good condition - \$8 ea. Meissners analyst with manual - \$35. Meissners signal shifter, exc., with coil sets, 10 thru 160 with manual - \$35. Hallicrafters S-38C, good - \$35. Echophone EC-1B, nice - \$45. Johnson Ranger - \$50. Garold Slagel, 306 S. 16th, Hot Springs, SD 57747. (605) 745-3265

**WANTED:** Ace sets such as models TTR, TT, AVA, A2, etc. See the first couple of pages in the Crosley section of Alan Douglas' book Radio Manufacturers of the 1920's. Craig Ball, 10101 Oak Hollow Circle, Austin, TX 78758. (512) 835-7292

**FOR SALE:** TV's world's largest selection of early televisions, from TRK-12 prewar to 1960 Predictas. I can deliver sets, knobs, parts, chassis and picture tubes to Elgin or Canandaigua. Harry Poster. (201) 794-9606, days

**WANTED:** General Electric clock radios Models 515, 516, 517 in any color. James M. Seal, 3309 Boatman's Mountain Rd., Morristown, TN 37814. (615) 581-8269



**FOR SALE:** Stromberg-Carlson Model 101 plug switchboard and Sikes solid mahogany operator's chair. Both in excellent condition. Can deliver to AWA National Conference. Taking offers. Bob Havalack, c/o Bob Beauchamp, 170 Fairhaven Rd., Rochester, NY 14610. (716) 482-7755

**FOR SALE:** Western Electric 25B amp, mint - \$200. AK 46 w/cabinet - \$175. Scott 800 - \$250. RCA Radiola 60 - \$75. Hallicrafters Super Sky Rider - \$150. Will consider trading for novelty sets. Jack Sacra, 1720 Solomon Rd., Charlottesville, VA 22901. (804) 293-9985

**WANTED:** Zenith advertising pamphlets from 30's and 40's. Also Philco (37-116) switch part #42-1196. Don Catton, 609 10th St., Silvis, IL 61282

**FOR SALE:** Maguire 6L, unusual bakelite. Abbotwares horse and rider radio. Another horse radio with wooden base. RCA 5Q55 bakelite (F.O.S., p. 153). Crosley Musical Chef. Brush Mail-A-Voice, unique. National 7" TV. Crosley 51, nice. N.O.S. Stancor P-1101 power trans., for Freed-Eisemann, Kolster and other early AC sets. **WANTED:** Abbotwares radio with race horse and rider. Zenith Royal 500 transistor radio with oval speaker, chassis 8HT40Z2, made in 1962/63. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

**WANTED:** Working crystal radio sets, all makes including home brew. Send description and price. Bob Greenlee, 2076 Hardscabble Dr., Boulder, CO 80303. (303) 444-0206, days

**FOR SALE:** Edison Standard 2-4 minute cylinder phono with large brass horn & support crane. Crosley 58 Buddy Boy repwood cathedral. Saal Rivoli unusual wood speaker. Early brass blade fans. Early galvanometers. Large postal telegraph electric clock. Very early Carlisle & Finch No. 27 dynamo. Voltamp dynamo on wood base. Many more unusual items. SASE for list. Richard Cane, 8391 N.W. 21st St., Sunrise, FL 33322. (305) 741-6838

**HELP:** Need schematic and speaker, or info on one, for a cathedral built by Pilgrim Electric Co., Los Angeles; uses three 24's, 45, 80. Need knobs, or description of, for Montgomery Wards Airline 62-606 (F.O.S., p. 52). Will reimburse or pay fee for info. Thanks. Dave Lathom, 2410 Walnut, Bellingham, WA 98225. (206) 733-6641, eves.

# PUETT ELECTRONICS

P. O. BOX 28572 DALLAS TX 75228

**NEW** KNOBS & PUSH BUTTON CALL-LETTER INSERTS

**KK01** BROWN 1-1/8"

**KK02** BROWN 1"

**KK03A** BLACK 3/4"

**KK03B** Red 3/4"

**KK04** BLACK 3/4"

**KK05** BROWN 3/4"

KNOBS ARE NEW OLD-STOCK, EXCELLENT, USED BY MANY DIFFERENT MANUFACTURERS ORIGINALLY. PLEASE USE CATALOG NUMBERS WHEN ORDERING. CATALOG NUMBER FOR EACH KNOB IS LISTED UNDER THE ILLUSTRATION OF EACH KNOB WITH THE COLOR AND MAXIMUM DIAMETER. ALL KNOBS HAVE 1/4-INCH DIAMETER SHAFT-HOLES. ALL HAVE SLOT-TYPE SCREWDRIVER-DRIVEN SET-SCREWS. THEY WILL ADAPT TO HALF ROUND SHAFTS BY THE ADDITION OF A SMALL METAL SPACER WHICH CAN BE CUT WITH TIN SNIPS AND GLUED TO THE FLAT PART TO THE SHAFT. THE SET SCREW WILL HOLD THE SPACER IN PLACE AS WELL AS HOLDING THE KNOB ON THE SHAFT.

KNOBS --- \$2.00 EACH POSTPAID

PUSH-BUTTON CALL-LETTER INSERTS ARE NEW OLD-STOCK, EXCELLENT, USED BY MANY MANUFACTURERS ORIGINALLY. USE CATALOG NUMBERS WHEN ORDERING. CATALOG NO., COLOR AND SIZE IS LISTED BESIDE EACH ILLUSTRATION. INSERTS CAN BE CUT SMALLER OR GLUED TO PAPER TO FIT SPECIFIC PUSH BUTTONS. CALL LETTERS AVAILABLE FOR U.S., CANADA OR MEXICO. SPECIFY WHICH IS DESIRED. WE CAN NOT FURNISH SPECIFIC STATION CALL LETTERS, THIS IS TOO TIME CONSUMING.

INSERTS --- \$5.00 PER SET POSTPAID. A SET OF INSERTS CONSISTS OF THE NUMBER OF INSERTS REQUIRED FOR YOUR RADIO. PLEASE INCLUDE THE NAME OF THE MANUFACTURER AND MODEL NUMBER OF THE RADIO RECEIVER WITH YOUR ORDER.

**WBAP** CPB1 BROWN WHITE-LETTERS 1/2" x 13/32"

**WRHP** CPB2 BROWN WHITE-LETTERS 19/32" x 1/8"

**WHO** CPB3 BROWN WHITE-LETTERS 19/32" x 7/32"

**KTFI** CPB4 BROWN WHITE-LETTERS 7/32" x 13/32"

**WJR** CPB5 TRANSLUCENT BROWN-LETTERS 11/32" x 5/12"

**KYDM** CPB6 TRANSPARENT BLACK-LETTERS 11/32" x 5/12"

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Scott and McMurdo Silver sets from the 30's. Also have Chippendale grande console for Philharmonic. I would like to trade for smaller Scott cabinet. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

**WANTED:** I am looking to purchase a large grouping (as complete as possible) of Radio News magazines. Jim Clark. (517) 349-2249

**FOR SALE:** Federal crystal set - \$200. DeForest Crosley grandfather clock radio, AC Dayton - \$115 UPS prepaid. Small M4 Magnavox horn speaker - \$115 ppd. M-I-A gold Magnavox speaker - \$115 ppd. Radiola 3 radio - \$115 ppd. AK Model 36 - \$115 ppd. Pat Cutini, 2114 Main Rd., Corfu, NY 14036

**WANTED:** Working Stancor 10P transmitter. Robert L. Kurth MD, W5IRP, 403 Mantooth, Lufkin, TX 75901

**WANTED:** Heathkit TV Model GR-2000, working/part set. Wayne Martin, 701 N. Dale, Perryville, MO 63775

**FOR SALE:** Crosley cone speaker type F. Eric Eikenbary, 2491 Cheyenne Rd., Liberal, KS 67901

**WANTED:** Chassis for Viking cathedral by Ozarka. Crosley Cadillac Radio Model D-25CE, green, for parts. Sams Vol. 3, folders 21-30. Pre-war Popular Science magazines. Ron Coelho, Box 287 Star Ct., Muir Beach, CA 94965. (415) 381-0231

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Schematic, layout, alignment info for an Eico 2536 stereo receiver. Operators and service info for a Precision apparatus tube tester, Series 10-54, Test Master. Will pay. Randy Garbiel, 1955 McEachern Mn. Dr., Marietta, GA 30064

**WANTED:** National SW-3. Please give condition and price. Marvin Faupel, WØGYA, 400 4th St. SE, Altoona, IA 50009

**FOR SALE:** Mechanical television. Stop wondering about it. Free info. Send a SASE (2 stamps). Peter Yanczer, 835 Bricken, St. Louis, MO 63122

**WANTED:** Info on Aetna radios. I have a mid-1930's tombstone. Any help appreciated. Gary Redfield, Rt. 5 Box 415, DeSoto, MO 63020. (314) 586-7871

**WANTED:** Grandfather clock, novelty and character radios. **FOR TRADE:** Character and novelty transistor radios for ones I need. Send your trader list for mine. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5

**FOR SALE:** Only Radio Boys books remaining: First Wireless, At Ocean Point - \$8 ppd. Many other books. Matthew Smorstok, Monticello, MN 55362

**WANTED:** RCA Victor record players, Models 2ES38, 1952; 8HF45P, 45 hi-fi; SHF9, 1957 Hi Fidelity; very good condition. Also old battery radio sets and horn speakers. David Elia, 132 E. Melton, Longview, TX 75602

## 1984 to 1987 Index to Antique Radio Classified

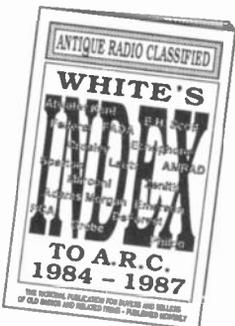
*Turn your collection of A.R.C. into a valuable reference.*

**Only \$4.00 Postpaid!**

The Index is 20 pages long and contains 1000+ entries.

The Index covers Volume 1, Number 1 (June 1984) through Vol. 4, No. 12 (December 1987).

Indexed are all 41 issues (1140 pages) of A.R.C.



Listed are all photos and references to radio sets, speakers, keys, other components, novelties, important persons, etc.

For example:  
Atwater Kent: 41 entries  
Crosley: 91 entries  
Sparton: 17 entries

A separate listing of articles is also included.

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

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Jackson Bell Model 62. Everyready 1927 with speaker. Philco 20. Philco 84. Elrey round top. Remler Model 10-3. Philco 91B. Knight round top. Gilfillan round top. Silvertone round top. Echophone cathedral. AK 944 round top. Geneva 30 cathedral. Gloritone 26P. Philco Model 37-38 batt. Two Wards Airline shadow dial chassis. Dalco Model 32C1 table. Radiola 18 with speaker. Clarion Jr. 320. Airline Model 62.617 Teledial batt. Hallicrafters Models 92, 106, 62, 20. Tiffany Tone cathedral. Westinghouse grandfather clock. Lyric 9-tube with tubes. Rider's 1.5 abridged. Sans. Zenith 85129. Panasonic. High-Techs. Howard Sams. All TV radio cheap. Radiola speaker 103. Jim Stratton, N6902 Post, Spokane, WA 99208. (509) 328-8471

**FOR SALE:** Junker U.S.R.&T. Corp. Neutrodyne receiver chassis. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

**HELP:** I need a schematic for a BC-348N war surplus shortwave receiver. Thanks. Dave Crowell, RR2 Box 428, Briarwood Rd., North Scituate, RI 02857

**FOR SALE:** Hammarlund HQ-100, exc. cond., with speaker and original manual - \$300. Steve Murphy, 24 Ridge Ave., Coatesville, PA 19320

**WANTED:** Radio Callbook Magazine Nov. 29, or photocopy of article on SC 635. Also, speaker for AK 55.67. Harry Pewowaruk, 1535 N. 8th Ave., St. Cloud, MN 56303. (612) 252-9910

**FOR SALE:** Command R-11A aircraft receiver (unused) 190-550 kHz, with used dynamotor - \$25. John White, 212 Marcin Ln., Burnsville, MN 55337. (612) 435-2871

**WANTED:** Vibroplex Zephyr, McElroy bug and 73 Pocket bug. Smiley White, POB 5150, Fredericksburg, VA 22403. (703) 373-0996

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

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

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

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

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Zenith Trans-Oceanic 7000-1, excellent - \$250. Daryl Jorud, R#1 Box 180, Battle Lake, MN 56515. (218) 864-5725

**WANTED:** 1935-39 Zenith radios. Please send photo & price or call. Bob Babineaux, 108 Hiawatha Rd., Lafayette, LA 70501. (318) 232-0102

**FOR SALE:** Altec 604D in folded horn cab. Altec 604-B, no cab. Pair Mac 30's, mint. Marantz 4 ch. decoder. Pair University 312's in cabs. Pilot 746 tube receiver. Scott stereo tube amp. Fisher SA300 stereo tube amp. Eico tube preamp. Pair Bozak 310 in cabinets. Western Electric 752BU volume indicator. Pair International Radio & Elec. record/rep amps (tube). One set Bozak 3-ways with Xover, no cab. RCA 77, early. Two RCA 74's. Four Lambda LCS D-48v power supplies. Navy CRR-74028 freq. indicator, 125-20,000 Kc. Vintage ham station. Johnson Viking Ranger xmtr. Hallicrafters S38-B rcvr. Shure S-36 Deco mic w/stand & push button. General Electronics JAN-CDR-250th transmitting tube, new in box. Crown 700 2 TK port., exc. cond. Concertone tape deck. Ampex 602 mono. General Radio 1142 frequency meter (tube). 3-M 8160 Klutter meter. Scott 410-C sound level meter w/case. RCA LCI-A 15" coax. RCA Radiola III, mint. AK 3 ckt. tuner, exc. Still need pr. Ampex 351 Elec. or Irovnics 375 Elec., Pultec PE-1-A equalizers, UREI, Altec, etc. Tube hunters, compressors, etc. Items sold to highest bid within 10 days of receipt of my copy. No return call means item is sold. Ward Kremer, 301 S.W. 16 St., Ft. Lauderdale, FL 33315. (305) 524-5652

**WANTED:** National NC-66, Knight Transistor DX-er, Western Radio Space Rambler, 1961 Allied catalog. Alvin J. Bernard, NI4Q, PO Box 690098, Orlando, FL 32869. (407) 351-5536

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

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

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

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Radios. Stromberg-Carlson, Model 1101 Series 13E, black painted white, hums, plays, similar p. 44 Aug. - offer. Signal Corps transmitter/receiver BC721A - offer. Atwater Kent 55C in Kiel table, not working - best offer over \$200. Can't ship. GE F-100-A, brown-marbled, white dial, works - \$23, postage extra. **FOR TRADE:** Lone Ranger, not working, for red Hoppy, no damage. Otto W. Nill, 192 Grant Ave., Islip, NY 11751

**FOR SALE:** Colonial Model 16, walnut cabinet, vgc - \$35. Rider's 7-14, 2-16, 17 - \$10 ea. **WANTED:** Info on Electrotek Model U7 tester. J.N. Meade, 12711 Pinebrook Ln., Hudson, FL 34667. (813) 863-2302

**WANTED:** Navy oscilloscope Model OS-8E/U manual/schematic. R.D. Chenez, 47 Lake St., Apt. A605, Gardner, MA 01440

**FOR SALE:** Photocopy of 1928 TV booklet Through Electrical Eyes, Bell Labs, 40 pgs. - \$4.50 ppd. Photocopy of Wireless Patents 1881-1915 by categories - \$1.25 ppd. Farnsworth cloth advertising banner - \$95. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405. (707) 539-1883

**FOR SALE:** Philco Safari TV Owner's Manual, professionally printed reprints with perforated warrantee card - \$4 ea. or \$35/10, plus postage. Doug Heimstead, 1349 Hillcrest Dr., Fridley, MN 55432

**WANTED:** Info on Philips shortwave communication receivers made in Berlin for Kriegsmarine about 1940. Allen Steiner, Rt. 1 Box 114, Burlington, KS 66839. (316) 364-5353

**FOR SALE:** I-135-F test set for SCR-536/BC-611 - \$75 plus shipping. **WANTED:** BC-683-receiver, BC-684-transmitter, FT-237-D. Contact William A. Stokesbury, Rt. 3 Box 200B, Selbyville, DE 19975

**WANTED:** Serious Emerson radio collector looking for a Model AU-190 as pictured in Radios by Phil Collins, p. 41. Am sufficiently advanced to recognise value. Please contact: Ray Miller, Box 306, Avalon, CA 90704. Or call collect for prompt action: (213) 510-1700

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Philco Model 38-93 junker: need speaker, dial face and cover. John Porter, 701 N. Main, Osceola, IA 50213

**FOR SALE:** My July Sales List includes these radios - Dionne Quintuplets, Charlie McCarthy, FADA & Arvin Catalins, Melody ship, DeForest D-10 w/loop, 7 AK breadboards, a Radiola IX and much more. Send \$1.50. Jim Clark Enterprises, Dept. ARC, 1292 Starboard, Okemos, MI 48864

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

**WANTED:** Electric desk fans with brass blades. M.L. Young, 4200 Sunshine Rd., Miami, FL 33133

**WANTED:** Manual for Solar Model CE condenser checker. Xerox OK. Paul Bourbin, 25 Greenview Ct., San Francisco, CA 94131

**WANTED:** Comm. receivers: HQ-120, SP-10, SP-110, Skyriders to S-8, Skybuddy 5T, S-30 RDF, RME-9, 9D, Howard 435, Collins 75A, SW-4, 5 NC-44, transmitter Harvey FT-30 (F.O.S., p. 257), RCA ACT-20 and HRO coil sets (black scales on zinc). See you at Canandaigua. Robert Enemark, Box 1607, Duxbury, MA 02331. (617) 934-5043

**FOR SALE:** Flash! Zenith Trans-Oceanic portable radio Model A-500, like new condition in looks and operation, price - only \$75. AK 55-C, refinished w/tubes and shields, 2-stages RF, 45's output, one of AK's best radios, works fine - \$70, speaker extra. Rare Stewart-Warner SW converter, 2 tubes inc., (F.O.S., p. 176 similar) - will trade or BO. Pathe cone-type speaker, in cabinet, refinished, Hi-Z - \$40. Wm. J. Key W1DWD, 58 Sycamore Dr., Halifax, MA 02338. (617) 294-1831

**WANTED:** The New England Radio Club wants you! Our new club is growing fast with over 50 members to date. Reserve your tables now for the Swap Meet and Flea Market October 23, Holiday Inn, Nashua, N.H. Limited space available. Call or write: NERC, 422 Day St., Manchester, NH 03104. (603) 623-8996

## WANTED

I would like to purchase the following Sony Shortwave Receivers:

1. Sony 330K (with tape recorder)
2. Sony 320K (without tape recorder)
3. Sony CRF-1

MATHEW WOLF  
5353 W. ALABAMA, SUITE 303  
HOUSTON, TEXAS 77056-5922  
713/871-9000

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McAllen, TX 78502



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**CLASSIFIED ADVERTISEMENTS**

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**FOR SALE:** New list. Earliest TV tubes. '30's, '40's radio tubes. N.O.S. SASE. George A. Freeman, W1KI, 102 E. Main St., Madison, IN 47250. (812) 265-6878

**WANTED:** 4-Gang cond. for a Bremer Tully Model 7-70. Battery cable plug for Kennedy M-20 440 type. Instr. man. for EMC Model 202 tube tester & 2 Acme MA-2 audios. John Lucas, 800 Big Rock Ave., Plano, IL 60545

**FOR SALE:** Found some nice items. RCA electric tuning console - \$150. Airline 6-band, very nice - \$125. Zenith black face, has P.B. - \$150. FADA Neuroceiver, original, looks A1, has tubes, cabinet nice, Model 175-A, sold for \$160 new - take \$200 for it. Hand printing press, two-trays type, manual, lots of extra, looks new - \$100. Rider's abridged (1-5), good condition - \$45. Lots of consoles in Radio Shack. For list, send me a stamp. For photos - 50¢ ea. or \$1/3. Russ Olmsted, 608 W. Thompson Ln., Murfreesboro, TN 37129. (615) 893-5344

**FOR SALE:** Late 20's and early 30's sets and other misc. SASE for list. Ron Ramirez, 807 Maple St., Providence, KY 42450. (502) 667-5440, days

**FOR SALE:** Blonde Predicta G4242, not working - \$150. Westinghouse H126 "refrigerator" radio, works - \$70. Photos - \$1 ea. John Kendall, PO Box 436, Fallston, MD 21047

**WANTED:** 4-Gang cond. for a Bremer Tully Model 7-70. Battery cable plug for Kennedy M-20 440 type. Instr. man. for EMC Model 202 tube tester & 2 Acme MA-2 audios. John Lucas, 800 Big Rock Ave., Plano, IL 60545

**FOR SALE/TRADE:** American Bosch Model 5A, works, original & easily restored. Also 75A3. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

**WANTED:** Antenna coil or chassis, 1936, RCA radio model 10T or K, Part No. 12879. Elmer Mueller, 9815 Surrey Ln., St. Louis, MO 63137

**WANTED:** Robison first edition. Modern Electrics. Popular Electricity. Antique tubes. Paragon DA2. Wireless gear. Marc Gottlieb, Box 1112, South San Francisco, CA 94083

**FOR SALE:** 1947 Philco projection TV - \$450. Opaque, black, acrylic sheets 12" x 16" x 1/8" meets the following requirements: AS4, 5, 6, 7 of ANSI Z26.1, great for reproducing small front panels on radios, shiny on both sides - \$4 per sheet plus \$3 UPS charge. Steve Puntillo, 1911 Rowley, Madison, WI 53705. (608) 233-1569

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

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**CLASSIFIED ADVERTISEMENTS**

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**HELP:** Do you know the electric eye function of my Sparton Triolian? (A detail of the radio is shown above. Also see *Radio A Blast From The Past*, p.122.) Where can I purchase an electric eye and the radio's original knobs? Would appreciate any information on the radio. Herb Mercer, 31940 Foxfield Dr., Westlake Village, CA 91361

**FOR SALE:** Attention Western Electric 7A amplifier owners. Beautifully reproduced copy of 1922 Western Electric operating and technical information manual covering the famous Type 7A amplifier, the Type 518-W curved horn loudspeaker, hook up, trouble shooting information, schematics, etc. Price - \$5 plus \$1 shipping. Phil Weingarten, 67-61 Alderton St., Rego Park, NY 11374. (718) 896-3545

**FOR SALE:** TV channel selector and fine tuning knobs, N.O.S. RCA, Philco, Zenith, etc., ca. 1954-1962 - \$2 to \$5 ea. Send SASE with TV model/part # to: Eager Brothers Music, 3 Hanna Pl., Rochester, NY 14620

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

**WANTED:** Supreme Radio & TV schematic manuals. Need R24, TV12, TV23, TV24, C69, C70. Charles Simmons, PO Box 6238, Buena Park, CA 90622. (714) 994-6843

**FOR SALE:** Instrument Design Inc. 2" AM modulation scope A-100 - \$35. Eico 222 VTVM - \$27.50. Ward Becht, 625 Tufts Ave., Burbank, CA 91504. (818) 842-3444

**FOR TRADE:** AK breadboard 10 for unusual typewriter. Peter Frei. Call toll free for complete want list: (800) WHAT YOU. (413) 245-4660, in Mass.

**FOR SALE:** National NC-240C, e>x.c. cond., matching speaker, works well - \$95. Hammarlund HQ-100, vg, works - \$45. Craig Smith, 1935 1st Ave. So., St. Petersburg, FL 33712. (813) 822-7592, days

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**CLASSIFIED ADVERTISEMENTS**

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**WANTED:** Advent Model 400 FM only, mono-  
phonic radio, must be working and in good condi-  
tion. A.R. Weeks, PO Box 524, Huntington, NY  
11743

**FOR SALE:** Working and nonworking radios of  
1940-1950 era. New American-made compo-  
nents, wrinkle paint, veneer. Used test equipment  
and many misc. parts and tubes from old repair  
shop. Schematics and copies of magazine ads for  
old radios. Free list showing prices and weights  
available. I ship via UPS only. Sue Coulter, 4200  
Prince St., Bakersfield, CA 93301

**WANTED:** Old jukebox, 40's or 50's, reasonable  
please, within 50 miles distance from Torrance.  
Rick Siebler, PO Box 11112, Torrance, CA 90510.  
(213) 328-4520

**FOR SALE:** Cleaning house, went to too many  
garage sales, some restored, some as is, all  
working, SASE for list. **WANTED:** National short-  
wave receiver Model NC-121, must be in excellent  
and working condition. Daniel DeMarco, 8  
Florence St., Auburn, NY 13021. (315) 252-4579,  
eves.

**WANTED:** AK Type 11 tuner and other BB parts.  
AK cathedrals, tombstones, other AK AC table  
model sets. Bob Nicholson, 3423 S. Long,  
Topeka, KS 66605. (913) 266-9473

**FOR SALE:** Meteor Model H cathedral, working,  
vg - \$130. **WANTED:** Dial plate for GE F80, no  
rust. John Eng, PO Box 130, Cypress, CA 90623.  
(714) 220-1965

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**CLASSIFIED ADVERTISEMENTS**

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**WANTED:** Miniature telegraph keys, old tele-  
graph instruments of all kinds, telegraph call  
boxes, signs. Larry Nutting, 4025 Slate Ct., Santa  
Rosa, CA 95405. (707) 539-1883

**FOR SALE:** Kadette 66, decent condition, plays  
(not on shortwave) - \$80, shipping prepaid. R.J.  
Eastwick, N2AWC, 224 Chestnut St., Haddon-  
field, NJ 08033. (609) 429-2477

**FOR SALE:** Philco Model 90 - \$175. AK 60 - \$75.  
Philco 46-480 AM/FM - \$100. RCA radio/phone  
AM/FM - \$50. SC early stereo system - \$75. AK  
44 w/speaker - \$80. Victor Victrola Deluxe, ca.  
1910, w/records - \$300. All working & in good  
condition. Prices negotiable! John Streb, 187  
Woodcrest Rd., Rochester, NY 14616. (716) 865-  
3302

**WANTED:** Info/schematic for Kellogg chassis B  
radio. Already have Rider's info. A.J. Long, 2653  
Post Rd., Twinsburg, OH 44087. (216) 425-9662

**FOR SALE:** Westinghouse color TV with  
15GP22, 1954 - \$750. Round CRT's, new & used  
for projection and direct view TV's, 3" to 30". Early  
TV's and parts for sale or trade. David B. Johnson,  
2336 S. Kenilworth, Berwyn, IL 60402. (312) 484-  
2743

**WANTED:** Information, etc., on modulated elec-  
tric arc loudspeaker circuit, DeForest talking arc.  
Also blank records and manual for Meissner  
phono recorder, PA system, Model 9-1065. Jon  
Burns, 801 Basin Dr., Topanga, CA 90290. (213)  
455-3209

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

---

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

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

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

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

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

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

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** 12CEP4 – \$10. 21AMP4, N.I.B. – \$15. Philips Type 156 UBV receiver, made in Holland, WWII era, no knobs, speaker, battery box needs repair – BO. GE SA-4 induction motor w/ clamp base (old & heavy) – \$10. GE Foot candle meter w/leather case Pat. 3-11-1919 – \$50. Fisher AC Model Electrophotometer – \$10. Carter Dynamotor, 6v to 400v @ 375 mA – \$8. Military receiver CAY-46077-A, 2-20 MHz – \$15. Duo-Com early transistor walkie-talkies – BO/trade. Stromberg-Carlson tabletop TV w/FM Mod. TS-10 – \$60. Philco Predicta tabletop TV – BO/trade. Heathkit GH-12 & GH-32 SSB transceiver – \$12 ea. GE transistor Mickey Mouse radio – BO. Johnson Messenger 250 CB radio – \$30. Archer project board frequency counter, some work needed – \$15. NRI appliance tester – \$12. Dictaphone cylinder shaving machine, pick up only – \$10. New #77 and 1U4 tubes – 50¢ ea. Rider's TV manuals – \$50/6. All include shipping, please. Mike Crain, RD1 Box 472, Harveys Lake, PA 18618. (717) 639-2794

**FOR SALE:** Radio & TV test equipment. For prix price list, send large SASE to: John Martin, 817 Cook Ave., Billings, MT 59101. (406) 252-4287

**WANTED:** Info on Francis McCarty, Ignatius McCarty or McCarty Wireless Telephone Company. Ed Sharpe, 2224 W. Desert Cove #205, Phoenix, AZ 85029. (602) 861-1388, days: (602) 247-9420, eves.

**FOR SALE:** Grebe MU-1 synchrophase, original, quite nice – \$250 + UPS. Also Grunow Teledials, Philco consoles. Daryl Jorud, R#1 Box 180, Battle Lake, MN 56515. (218) 864-5725

**FOR SALE:** Several nice early battery sets and horn speakers. Send SASE for free list. Del Hambly, 1930 S.W. 139th Ave., Beaverton, OR 97005. (503) 646-7109

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

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

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

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

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** SX 24, less tubes – \$55. RME 84, not working – \$65. AK 10. Hallicrafters speakers – \$45, \$35 ea. Hammarlund speaker – \$50. Browning Drake 4 tuber, 3 telegraph K.O.B. – \$145. Three converted command receivers – \$40 ea. Five bugs. Three antique hand keys. Paper item list varied, SASE. Joe Szabat, W3LST, 228 Plummer, Oil City, PA 16301. (814) 677-4042

**FOR TRADE:** Rare AK "K" cone speaker, Bear Cat crystal set, Ozarka portable model 199, mint. **WANTED:** Radiola RA and DA (not RC), RS. RCA advertising. Concert xtal set. ER-753. Old medical quack machines. Will be at AWA meet. David Moore, 4213 Regal Oaks, Pearland, TX 77581. (713) 385-1705

**FOR SALE:** Peerless medical cauterizer SW-P5 in 20"x15"x17" oak cabinet with accessories – \$75. Photos available. Bob Puttre, 637 S'ratford Rd., Baldwin, NY 11510. (516) 223-9667

**WANTED:** Original knobs for a Philco 70 cathedral. Thomas Bisel, 2266 Halyard, St. Louis, MO 63129

**FOR SALE/TRADE:** Philco 37-89 cathedral, nice, working – \$125. Three-tube German People's tombstone radio – \$150. German field radio for WWII troop entertainment, AC/batt. – \$225. Many postwar German sets for trade/sell – inquire. Cabinet for RCA 9K1, 2, 3 or 10K1, 2, 3 – \$25. RCA 140 tombstone – \$150. AK 567 and 627 cathedrals for trade. **WANTED:** Pilot tombstones and cathedrals. Breadboards and parts. Crystal sets. Unusual cathedrals with clocks, repwood, etc. Bill Moore, 1005 Fieldstone Ct., Huntsville, AL 35803. (205) 880-1207



**WANTED:** Zenith radio nurse as pictured above. Top price paid. E. Brill, 9 Lafayette Court, Greenwich, CT 06830. (203) 661-8369

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

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

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



### **ARKANSAS - Sept. 1**

**ANTIQUÉ RADIO COLLECTORS CLUB  
OF FT. SMITH  
CLUB MEETING**

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

### **PENNSYLVANIA - Sept. 17**

**PITTSBURGH ANTIQUÉ RADIO SOCIETY  
MEETING - AUCTION - FLEA MARKET**

Murrysville, PA  
Maranatha Reformed Presbyterian Church  
Saturday - 10 am

Info: David Kraeuter, 506 E. Wheeling St.  
Washington, PA 15301 - (412) 222-6678

### **OREGON - Sept. 10**

**NORTHWEST VINTAGE RADIO SOCIETY  
AUCTION**

Info: Dan Howard  
2940 S.E. 118th Ave.  
Portland, OR 97266-1602

### **CALIFORNIA - Sept. 10**

**CALIFORNIA & SACRAMENTO  
HISTORICAL RADIO SOCIETIES  
JOINT CHRS/SHRS SWAP MEET**

Sacramento, CA - H.S.C. Electronics  
Auburn and Hemlock Streets  
Saturday - 7 am

Info: Bill Hall - (916) 487-6384

### **OHIO - Sept. 11**

**THIRD ANNUAL  
CINCINNATI ANTIQUÉ RADIO SHOW**

Newport, Kentucky - Newport High School  
7 am to 3 pm

Fully Sheltered Outdoor Display Area  
Info: Tom Ducro, 6805 Palmetto  
Cincinnati, OH 45227 - (513) 271-0156

### **MARYLAND - Sept. 11**

**MID-ATLANTIC ANTIQUÉ RADIO CLUB  
MEETING**

Laurel, MD - Applied Physics Lab.  
Johns Hopkins Univ. - 6:30 pm  
Info: Joe Koester, 249 Spring Gap South  
Laurel, MD 20707 - (301) 725-4229

### **NEW YORK - Sept. 21-25**

**ANTIQUÉ WIRELESS ASSOCIATION  
NATIONAL CONFERENCE**

Canandaigua, NY - Sheraton Inn  
World's Largest Antique Radio Meet  
Over 750 collectors - U.S. & International  
4-Day Flea Market - Contests - Auctions  
Seminars - Museum - Banquets - Trips

#### Wednesday

Noon (no earlier) - Flea Market Opens  
7 pm - Only time Museum will be open

#### Thursday

3 pm - High-Power Long Wave Stations  
4 pm - KDKA-The Early Days  
8:30 pm - Check-in for Contest  
7 pm - Main Auction Check-in & Preview

#### Friday

9:15 am Ladies' Trip with Luncheon  
9 am - Special Estate Auction  
10 am Vacuum Tube Auction  
11 am - General Auction  
3 pm - Amateur Radio Seminar  
7 pm - Awards Dinner & Tesla Coil Demo.

#### Saturday

8 am - Communications Equip. Auction  
10:30 am - History of the Microphone  
12:30 pm - Ladies' Luncheon & Program  
1:30 pm - Collecting Radios in Italy  
2:30 pm - McMurdo Silver Radios  
7 pm - Grand Banquet

#### Info:

Lauren Peckham, Ormiston Rd.  
Breesport, NY 14816 - (607) 739-5443  
or:  
A.W.A., Main Street, Holcomb, NY 14469

*[If you can go to only one meet,  
make it this one! Editor]*

**Mention A.R.C. when contacting clubs!**

## WASHINGTON – Oct. 16

### PUGET SOUND ANTIQUE RADIO ASSOCIATION & AWA SWAP MEET – MEETING

North Seattle, WA – Ronald School  
North 175th St., one mile west of Interstate 5  
10 am – Swap Meet  
1 pm – Program & Meeting

Info: Warren Green, 7202 N. Mercer Way  
Mercer Island, WA 98040 – (206) 232-5119

## NEW HAMPSHIRE – Oct. 23

### NEW ENGLAND RADIO CLUB SWAP MEET – FLEA MARKET

Nashua, NH – Holiday Inn  
Exit 4 off Rt. 3  
9 am - 12 noon

Info: Marty Bunis, 422 Day St.  
Manchester, NH 03104 – (603) 623-8996

## RADIO CLUB LISTINGS

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

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

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

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

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

**London Vintage Radio Club.** New club forming. For information, contact: Glen S. Lee, RR #2 Mt. Brydges, Ontario, Canada N0L 1W0. (519) 264-9115.

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

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

**Puget Sound Antique Radio Association (PSARA).** M.A. Kaplan, 14902 84th Ave. Ct. NW, Gig Harbor, WA 98335. Pub: *The Horn of Plenty*. Dues: \$15/year.

## TEXAS – Oct. 21-23

### VINTAGE RADIO & PHONOGRAPH SOCIETY

#### VRPS & AWA CONVENTION '88

Duncanville (South of Dallas), TX  
Holiday Inn Dallas Southwest  
Inside Flea Market – Swapfest – Contest  
Awards – Museum Tour

#### Friday Evening

Auction & Contest Check-in – Social Hour  
Tour of National Museum of Communication

#### Saturday

Contest – Auction – Banquet

#### Sunday

Inside Flea Market

Info: Mike Sherman

VRPS/AWA Convention '88  
PO Box 165345, Irving, TX 75016

## MARK YOUR CALENDARS

- Aug. 27-28 – TX, Houston – HVRA Display  
Aug. 31 – CA, Los Altos Hills – CHRS  
Sep. 1 – AR, Ft. Smith – ARCCFS \*§  
Sep. 10 – CA, Sacramento – CHRS/SHRS\*  
Sept. 10 – OR, Oregon City – NVRS, Auction\*  
Sept. 11 – OH, Cincinnati – Show\*  
Sep. 17 – MD, Laurel – MAARC\*§  
Sep. 17 – PA, Murrysville – PARS\*§  
Sept. 18 – WA, Seattle – PSARA, Meeting§  
Sept. 21-25 – NY, Canandaigua – AWA Meet\*  
Sep. 28 – CA, Los Altos Hills – CHRS  
Oct. 1 – CA, Santa Clara – CHRS Swap Meet  
Oct. 8 – MI, Dearborn – MARC Fall Meet  
Oct. 16 – WA, Seattle – PSARA/AWA Meet\*  
Oct. 21-23 – TX, Dallas – VRPS/AWA\*  
Oct. 23 – NH, Nashua – NERC Swap Meet\*  
Nov. 6 – NY, Canandaigua – AWA  
Nov. 19 – CA, Burbank – SCARS

\* See expanded listing on these pages.  
§ Monthly Meeting.

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

**Sacramento Historical Radio Society (SHRS).** William Howell, 5724 Gibbons Dr., Carmichael, CA 95608. Pub: *The Announcer*. Dues: \$10. Special meets & monthly meetings.

**Southern California Antique Radio Society (SCARS).** Edward Sheldon, 656 Graviola Pl., La Jolla, CA 92037. Pub: *California Antique Radio Gazette*, quarterly. Dues: \$10.00. Meets: 3rd Sat. in Feb., May, Aug. & Nov.

**Vintage Radio & Phonograph Society (VRPS).** Larry Lamia, P.O. Box 165345, Irving, TX 75016. Pubs: *The Reproducer*, quarterly. *Sound Waves*, monthly. Dues: \$13.50. Monthly meetings, spring auction, annual convention.

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PLEASE send a photo or Polaroid for top ca\$h offer!

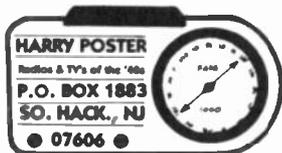
*(We also buy: old oak and mahogany furniture; unusual 1950's and 1960's furniture and lamps - (wire or wood); stereoscopic "3D" cameras, viewers, accessories; View Master, Tru-Vue, and anaglyph items (red/blue printed)*

## SELLING

- RCA Red Catalin. . . Air King Tombstone. . . DeWald A501 Lyre
- Prewar CRT's. . . Westinghouse 224-B (early 1930's) \$159.  
RCA 906 (early 30's scope and TV) \$89.
- Rider's Radio - complete Vols. 1-5 abd., 6-23 (!) \$265
- RCA 3" Scope-WO-33A w/probe. . . clean \$39
- UV-199's/UX-199's, tested good. . .\$9 each
- Taylor Tubes - new, boxed 203 A's - pair \$39. . . 866 pair \$39
- Australian Bakelite Radios - 40 (forty!). . . all for \$1875.
- Novelty Transistor Radios - just bought \$1000 collection
- Western Electric News - rare magazine. . . 1930 - \$8/issue

1100 square feet of bargains!!!

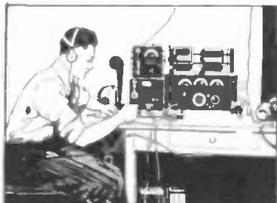
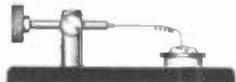
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### Technical Books Catalogs and Magazines Bought and Sold

Wireless - Radio - Telephone  
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2. "On The Air" Book Radio ..... 95
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working ..... 150
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6. Home-Brew Crystal Set with phones... 50
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Charleston West Virginia Area Chapter

4204 Thorn Apple Lane

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Revised 7/1/88

# CLASSIFIED ADVERTISING POLICY

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

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

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

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

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

## CLASSIFIED AD DETAILS

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

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

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

### Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE\***

10¢ per word for extra words over 20 plus

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

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

Non-Subscribers:

20¢ per word plus

10¢ per word for shaded ad.

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

## BOXED CLASSIFIED AD DETAILS

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

Minimum run is 3 months, prepaid.

### Boxed Classified Ad Rates per Month

Nonshaded ads:

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

10¢ per word for each bold word plus

10¢ per word for each all-caps word.

Shaded Ads:

22¢ per word for all words\* plus

10¢ per word for each all-caps word.

Note: All words in shaded ads are bold.

Non-Subscribers:

Add 15¢ per word to above costs.

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

## PHOTO & DRAWING DETAILS

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

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

### Photo and Drawing Rates per Month

\$5.00 per month for each photo or drawing

## IMPORTANT — COUNTING WORDS — IMPORTANT

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

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



# ANTIQUE RADIO CLASSIFIED



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

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POSTAGE PAID  
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POSTMASTER: Deliver Promptly

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DEADLINE SEPT. 10TH