



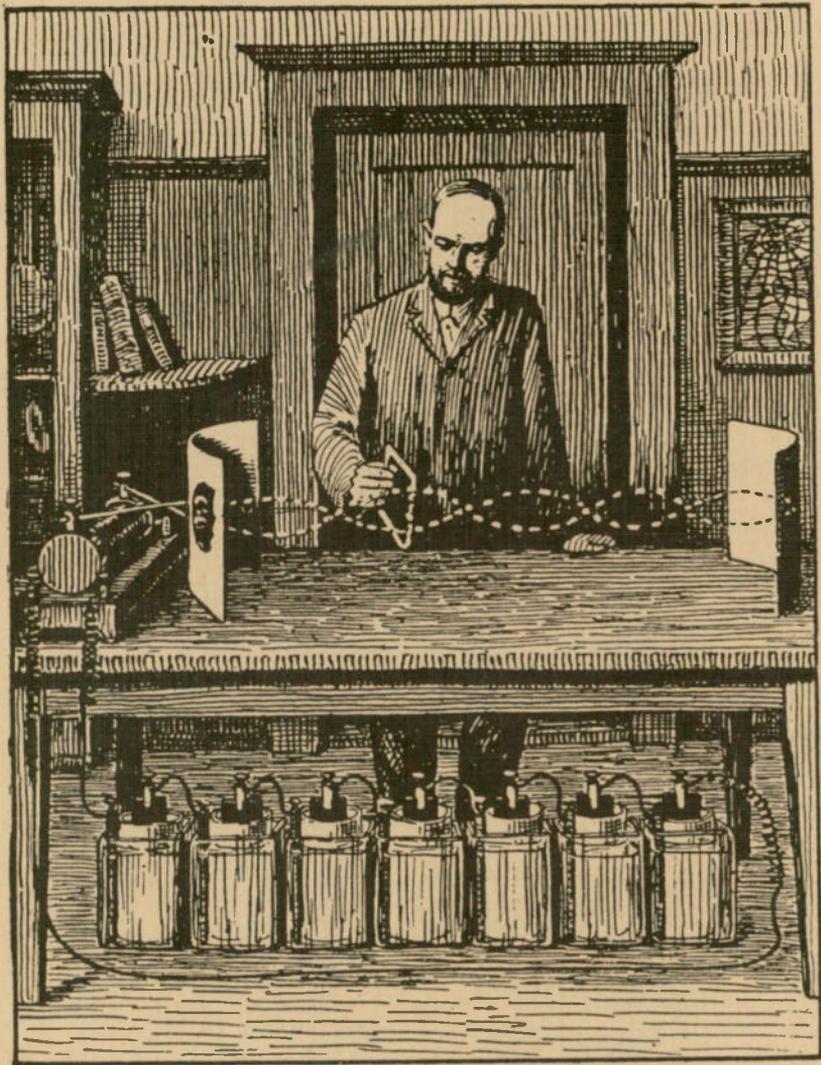
# ANTIQUE RADIO CLASSIFIED



VOLUME 5

JUNE 1988

NUMBER 6



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

## ANTIQUE RADIO CLASSIFIED

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**PURPOSE.** Antique Radio Classified is published for people involved in the radio collecting hobby. Its purpose is to stimulate growth of the hobby through the buying, selling and trading of radios and related items, and to provide a monthly forum for the interchange of ideas and information.

**WRITING TO ANTIQUE RADIO CLASSIFIED.** All correspondence should be sent to:

Antique Radio Classified

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Your ads, renewals, letters, etc. can be handled faster and more efficiently if (1) each is on a separate piece of paper, and (2) your name, address and SUB# is written on each.

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 received unless otherwise indicated.

### DISPLAY AND BUSINESS CARD ADS - DETAILS AND RATES

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

Page	Artwork Size (send in this size)		As Printed (size in magazine)		Cost for 1-month	Cost for 3-months	Cost for 6-months	One-time Cost for A.R.C. to makeup Ad (if requested)
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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
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The 3-month rates represent about a 10% discount, the 6-month rates, 15%. We have no agency discounts. Photos should be at an 85 line screen; otherwise, add \$5.00 per photo for screening. (Do not glue photos to artwork; submit separately.) If you are confused by these requirements and terms, please write or call A.R.C. before beginning to prepare your ad. We will be happy to advise you on your ad ideas, and estimate how much the ad will cost and/or 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.

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**MAILING OF ISSUES.** A.R.C. is available by subscription in the U.S. either by First Class or Second Class mail (Second Class is the way most magazines are mailed). First Class copies usually are received by the fifth of the month; copies by Second Class mail, by the tenth. The mailing of First Class copies is staggered, with those living farthest away mailed on the first day, and local copies mailed the last day. All non-U.S. copies are mailed on the first day. All Second Class copies are mailed on the last day. Mailing is usually completed by the 25th of the month.

**ETHICS.** No person involved in the production of A.R.C. is to act on any information in the magazine until they receive their copy through the mail.

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## EDITOR'S COMMENTS

Heinrich Hertz again appears on our cover. One-hundred years ago he conclusively proved that radio waves are the same as light waves, differing only in frequency. The lead article, the second in the series *The Wireless Years*, describes his experiments.

In the article *Let's Save the QSL's*, Jerry Berg reminds us of the historic significance of early QSL cards. He leads a project which has created a repository to save cards which might otherwise be lost. *Antique Radio Specifications* by Henry Rogers features the RCA Radiola 26. In another article, Paul Bourbin describes a home brew method of mounting detector crystals.

Two auction reports are included this month. The first auction, reported by Craig Huseboe, had over 90 early sets. Ray Chase recorded the second auction – an Art/Deco auction with about two dozen radio items, including an Emerson blue-marbled Catalin selling for \$2750!

The last installment of the A.R.C. *Index* is printed in the center of this issue. The *Photo Review* includes early Westinghouse as well as more recent Fisher hi-fi gear. Jim Fred's article, *Repairing AC/DC TRF's*, will appear next month.

Looking through this issue you will find on page 44 a new feature – *The A.R.C. Auction*. Each month, A.R.C. will accept a few items for inclusion in a mail auction for subscribers. High bids will be available 24-hours by calling an answering machine on (617) 371-0512; bidding will be by mail only and will last several weeks. This service has features to please both buyers and sellers. The buyer does not have to be the lucky first caller to obtain an item he might want, and the seller has access to the more than 3000 A.R.C. subscribers to help him obtain what his set is worth.

Thirteen antique radio events are listed for the summer months, seven in June alone. These and a complete listing of radio collecting clubs is included in *Coming Radio Events*; please check your club's listing and notify us of any corrections and/or changes.

The Antique Radio Club of America (ARCA) meet in Charleston, W. Va., is an important one

for A.R.C. this year. On Thursday, June 8, at 9 am, your editor will co-host a session featuring A.R.C.'s writers as well as the editors of ARCA's *Antique Radio Gazette*. I hope many of you will try to make this meet and this session.

The April issue of A.R.C. contained two pages headlined *The Eliminator*. Although many of you realized that this was an April Fools' spoof, I want to apologize to those of you who did not catch the "in" humor. The letters we have received commenting on *The Eliminator* have been overwhelmingly positive.

### RENEW YOUR SUBSCRIPTION TODAY!

Many of you have been taking advantage of the chance to extend your subscription at the old rates. Since the last day to take advantage of the old rates is shortly after you receive this issue – June 10, the old rates will be extended to you if you postmark your renewal before the tenth. Although the coupon has the new rates on it, send in the old amount – \$18.00 for one year, Second Class Mail; \$24.00 for one year, First Class Mail; or twice the amounts for two years; you receive an extra copy for each year of early renewal.

The new display ad rates are printed on the masthead. The rates have been unchanged for about two years, during which time A.R.C.'s circulation has doubled. In May, over 3400 issues were mailed to subscribers, as well as over 400 free sample copies to individuals who requested them. Judging by the recent growth in display advertising, advertising in A.R.C. must pay off. A small increase also was made in the boxed classified rates. These necessary rate increases cover the costs of the increased distribution. Although the new rates are in effect now for new advertisers, past advertisers can extend their current ads and/or send in new ones through July 10th at the old rates. Prepayment for up to six months at the old rates will be accepted.

I enjoyed seeing many of you at the Dayton, Ohio, HamVention in late April. As mentioned above, my next trip takes me to the ARCA convention in Charleston, W. Va., June 8-11. I look forward to seeing many of you there.

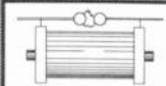
John V. Terrey

## ON THE COVER

One-hundred years ago, in 1888, Heinrich Hertz proved that electromagnetic waves (now called radio waves) react the same as do light waves. The illustration on the cover this month comes from the book *Radiotechnik* by Hanns Gunther, published in Germany in 1921. Although this artist's rendition presents a view of Hertz's experiments for the nontechnical of the

day, it clearly illustrates one of the most significant discoveries of the eighteenth century.

The illustration shows Hertz experimenting with radio waves of short wavelength, reflecting between two mirrors. He is detecting the waves with his resonator, a loop with a small spark gap, and observing the cancellation and reinforcement of the waves. To the left on the table is the induction coil used to generate the waves, and under the table are batteries.



# THE WIRELESS YEARS

BY JOHN V. TERREY, A.R.C., P.O. BOX 2, CARLISLE, MA 01741

## Heinrich Hertz - Part II Verification of the Identity of Light and Radio Waves



*Part I of this series, "Hertz's First Experiment," appeared in the November 1987 issue of A.R.C. It described several early attempts at wireless communication and Hertz's experiments in 1887.*

*By 1888, Hertz had successfully determined that electromagnetic waves are the same phenomena as light waves. He described his experiments in reflection, refraction, standing waves and polarization in an article titled "On Electric Radiation" appearing in December 1888.*

*Hertz's article describing his findings, written 100 years ago, is very readable today. Excerpts from this article are included here with my additions in italics.*

*The front cover of this issue shows an artist's impression, drawn in 1921, of Hertz's experimental equipment and methods. The drawing is fairly accurate except that the reflecting mirrors Hertz used were larger than those shown. (John V. Terrey)*

### Excerpts from "On Electric Radiation" by Heinrich Hertz

#### INTRODUCTION

As soon as I had succeeded in proving that the action of an electric oscillation spreads out as a wave into space, I planned experiments with the object of concentrating this action and making it perceptible at greater distances by putting the primary conductor in the focal line of a large concave parabolic mirror. Recently, I have observed that the experiments can be carried out quite well with oscillations of more than ten times the frequency, one-tenth the length of those which were first discovered. I have succeeded in producing distinct rays of electric force, and in carrying out with them the elementary experiments which are commonly performed with light and radiant heat.

#### THE APPARATUS

The short waves were excited by the same method (*an induction coil*) which we used for producing the longer waves. The primary conductor (*transmitter*) used may be most simply described as follows: Imagine a cylindrical brass body, 3 cm. in diameter and 26 cm. long, interrupted midway along its length by a spark gap whose poles on either side are formed by spheres of 2 cm. radius. The

discharge (*from the induction coil*) is led to the two halves of the conductor by means of two insulated wires which are connected near the spark gap on either side. For the purpose of the experiment, the spark gap was reduced to 3 mm. See Figure 1.

Here, again, the small sparks induced in a secondary conductor, or receiver, were the means used for detecting the electric forces in space. As before, I used a circle which had about the same period of oscillation as the primary conductor. It was made of copper wire 1 mm. thick, and had a diameter of only 7.5 cm. One end of the wire carried a polished brass sphere a few millimeters in diameter; the other end was pointed and could be brought up, by means of a fine screw, to within an exceedingly short distance from the brass sphere. As will be readily understood, we have here to deal with only minute sparks of a few hundredths of a millimeter in length.

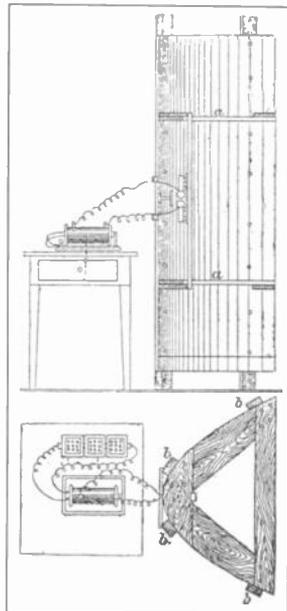


Figure 1. Hertz's transmitting apparatus and parabolic mirror.

#### THE PRODUCTION OF THE RAY

If the primary oscillator is now set up in a fairly large free space, *without a reflecting mirror*, one can, with the aid of the *secondary conductor*, detect all the phenomena which I have already observed. The greatest distance at which sparks could be perceived in the secondary conductor was 1.5 to 2 meters. When a plane reflecting plate is set up at a suitable distance on one side of the primary oscillator, and parallel to it, the action on the opposite

side is strengthened. We may expect to find a still further reinforcement if we replace the plane surface by a concave mirror having the form of a parabolic cylinder.

The primary oscillator was fixed in the middle of the focal line. The wires from the induction coil were led through holes in the mirror; the induction coil and the cells were accordingly placed behind the mirror so as to be out of the way.

In the direction of the optical axis of the mirror, the sparks can be perceived up to a distance of 5-6 meters. When a plane conducting surface was set up so as to reflect the advancing waves, the sparks could be detected up to 9-10 meters. The waves reflected from the conducting surface reinforce the advancing waves at certain points. At other points again the two sets of waves weaken one another. One can recognise with the detector loop very distinct maxima and minima, and the characteristic interference-phenomena of stationary waves (standing waves).

I was able to distinguish four nodal points, which were situated at the wall and at 33, 65 and 98 cm. distance from it. We thus get 33 cm. as a closer approximation to the half-length of the waves used.

*Hertz then constructed a receiving apparatus using a reflecting parabolic mirror with two antenna-type conductors or rods at its focus. He ran wires from the two conductors, through holes in the mirror and connected them to a small spark gap behind the mirror. He was able to detect waves at a distance of over 16 meters with this apparatus.*

### RECTILINEAR PROPAGATION

If a screen of sheet zinc is placed on the straight line joining both mirrors, and at a right angle to the direction of the ray, the secondary sparks disappear completely. If an assistant walks across the path of the ray, the secondary spark-gap becomes dark as soon as he intercepts the ray and again lights when he leaves the clear path. Insulators do not stop the ray - it passes right through a wooden partition or door.

### POLARIZATION

From the mode in which our ray was produced we can have no doubt whatever that it consists of transverse vibrations and is plane-polarised in the optical sense. If the receiving mirror be rotated about the ray axis until its focal line and therefore the secondary conductor also, lies in a horizontal plane, the secondary sparks become more and more feeble, and when the two focal lines are at right angles, no sparks whatever are obtained.

### REFLECTION

*Hertz had already proved reflection by the use of the concave mirrors in the previous experiments. His experiments continued...*

I first placed both mirrors in a large room, side by side, with their apertures facing in the same direction, and their axes converging to a point about 3 meters off. The spark gap of the

receiving mirror remained dark. I next set up a plane vertical wall made of thin sheet zinc at the point of intersection of the axes, and adjusted it so that it was equally inclined to both. I obtained a vigorous stream of sparks arising from the reflection of the ray by the wall. The sparking ceased as soon as the sheet of zinc was rotated around a vertical axis through about 15° on either side of the correct position. I found the reflection is regular and the angles of incidence and reflection are equal.

### REFRACTION

*Hertz proceeded to determine if the rays were refracted when passing through an insulating medium. He constructed a large prism from hard pitch, shaped like an isosceles triangle 1.2 meters on a side and 1.5 meters long. He found that if the prism was turned on end and was placed in the path of the rays, between the sending and receiving mirrors, no sparks appeared at the receiving mirror. If the receiving mirror was moved off the axis, it was found that sparks appeared when the receiving mirror was moved in the direction of the base of the prism. The rays had been bent by the prism.*

### CONCLUSION

#### "Rays of light at very great wave-length"

We have applied the term rays of electric force to the phenomena which we have investigated. We may perhaps further designate them as rays of light of very great wave-length. The experiments described appear to me, at any rate, eminently adapted to remove any doubt as to the identity of light, radiant heat and electromagnetic wave motion. I believe that from now on we shall have greater confidence in making use of the advantages which this identity enables us to derive both in the study of optics and of electricity.

*Thirteen years later, Marconi succeeded in transmitting a signal across the Atlantic Ocean. The development of such a practical communication system in a relatively few number of years required the additional research of many. Some of these will be the subject of the next installment.*

### HERTZ EQUIPMENT REPLICAS ON DISPLAY IN BOSTON

The 100th anniversary of Hertz's accomplishment is not being ignored by today's scientific community. The Institute of Electrical and Electronic Engineers is presenting in Boston an exhibit featuring replicas of 22 pieces of apparatus Hertz used in his experiments. The display is on loan from the Science Museum in London.

Included in the display are replicas of an oscillator-transmitter, parabolic reflector, his historic hand-held loop detector, a coaxial transmission line and a wire grid used to polarize electromagnetic waves.

The exhibit will be at the Massachusetts Institute of Technology Museum, 265 Massachusetts Ave., Cambridge, Mass., on view from mid-July to December.



# WITH THE COLLECTORS

BY JERRY BERG, 38 EASTERN AVE., LEXINGTON, MA 02173

## Let's Save the QSL's

As most radio hobbyists know, beginning in the early days of broadcasting, radio listeners developed the practice of writing to stations that they were able to hear over long distances. They described in detail the programs they heard, and asked the station to "verify" their reception and confirm in writing that it was indeed that station that the listener heard. Stations began responding to these "reception reports" by letter or, more often, with their own distinctive "verification card." These cards came to be known as QSLs, the letters Q-S-L comprising the International Morse Code symbol for "I acknowledge receipt." A few typical QSLs are shown with this article.

Collecting QSLs became an important element in the hobby of long distance (DX) radio listening (usually on shortwave) and remains so to-

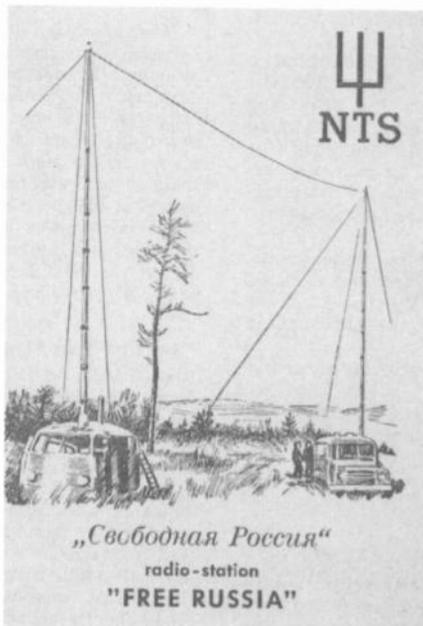


Figure 1. Radio Free Russia was a clandestine station operating from Germany until the early 1970's. Thereafter its program was carried for a short time over another such station located in Venezuela. Sept. 12, 1971, 11488kHz.

day. The listening DXer takes his or her pleasure in seeking out new stations, often of low power and in faraway places, and in writing to the station and obtaining its confirmation.

QSL cards take several forms. Sometimes they are postcards depicting scenes from the station's country or locale, with the verification statement on the reverse side. To be considered a full data QSL, the verification statement should contain the date, time and frequency of the listener's reception, a statement verifying that the listener's report was correct, and the signature of a station official. Often QSLs contain only part of this information, but they are no less valid.

Instead of regular postcards, most stations utilize uniquely designed cards. These cards often convey a sense of the country's history or culture, details or photographs of the station, the station logo, etc. Some stations, particularly the smaller ones, do not send cards, but utilize letters prepared on highly decorative and often very colorful station letterhead.

As long as I've been in the radio listening hobby, I've heard DXers talk about what to do with their QSLs after they pass away. I cannot say I've heard many good ideas on the subject, however. Discussion of this topic has a natural tendency to drift off into uncertainty. DXing is, after all, a hobby for today, and no one seems too worried about the future. A related issue is the future of QSLs belonging to hobbyists who may be active but leave the hobby for one reason or another.

In both cases, likely their QSLs

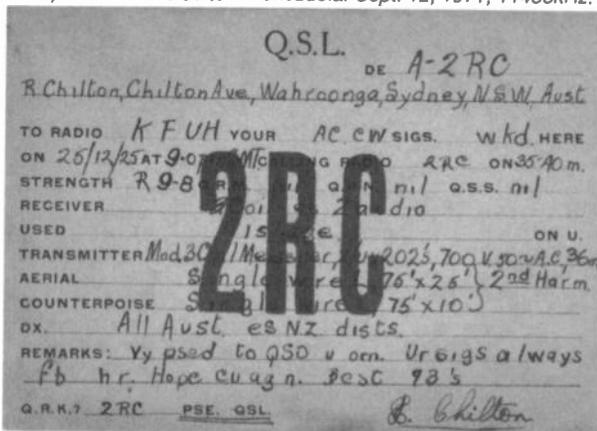


Figure 2. A 1925 QSL from Australian amateur station 2RC for a contact with KFUH on the South Seas Schooner, "Kaimiloa". The transmitter used 2-202's.

will at best face an uncertain fate. Other family members seldom seem to share our interest in radio, least of all the QSL-collecting aspects, and so despite the time and effort we spend on our collections, most of our material is probably destined for a dusty attic or a wet basement if we are lucky, the trash heap if we are not.

Since QSLs are usually considered *personal* momentos of our listening experiences and contacts with particular stations, maybe we should not be too concerned about the time when we are no longer able or interested in caring for them.

But there is another way of looking at these old QSLs. They represent not just souvenirs of our own listening, but also a part of the broader history of radio, reflecting changes in national politics, broadcasters, frequencies and relations between stations and their listeners. Older QSLs never fail to prompt interest among hobbyists. At the very least they are intriguing glimpses at the details of early radio listening, the direct predecessors of our own listening activities of today.

In 1986, it was decided to take a major step toward making available a means by which QSLs could be preserved when persons passed away or became inactive, to stem the loss of this important radio material. The Committee to Preserve Radio Verifications was established as a committee of the Association of North American Radio Clubs. Hopefully in the future, through the efforts of this Committee, more QSLs will be



Figure 3. One of the more unique amateur QSL cards, this one is from Claremont, Western Australia. December 13, 1946, 28 Mc., Transmitter used an 813 at 50 watts, and the receiver was an HRO with a converter.

saved from loss or destruction.

#### The Committee to Preserve Radio Verifications

The Committee is working toward its goal in several ways.

First, by our activity we hope to cause more hobbyists to think about the long-term importance of their QSL collections. This alone is an important first step.

Second, the Committee provides a central repository for QSLs. Through direct contact with inactive listeners and the families of deceased hobbyists, and by a public information campaign within the hobby and elsewhere, the Committee is seeking out existing QSL collections that might otherwise be lost, and attempting to preserve them.

Thinking in the very long term, perhaps the Committee will someday be able to publish a collection of QSLs in book or other form so that all radio enthusiasts will be able to learn more about the history of radio and the radio listening hobby, view and enjoy old QSLs, and use them for research purposes. That is a long-term goal, however. For now, the Committee's main objective is to archive as many QSLs as possible in order to prevent further losses. Thus far, the Committee has nearly 5,000 QSLs in its collection.

The Committee is prepared to archive all QSL cards and letters received. It is an all-wave project, and welcomes QSLs covering shortwave broadcast, medium wave,

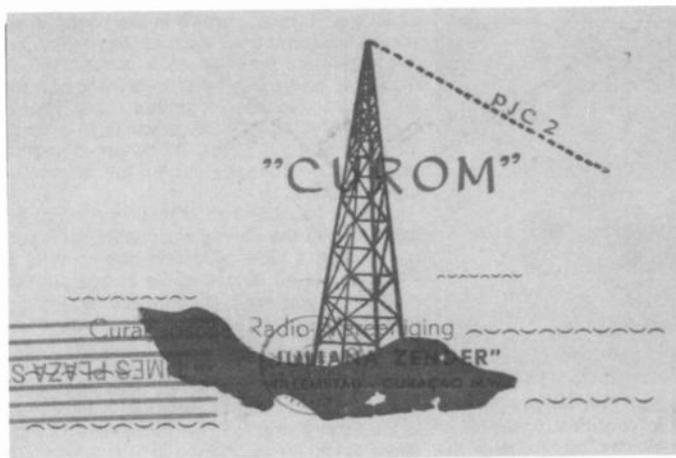


Figure 4. "CUROM" operated on shortwave from Curacao, Netherlands West Indies, with three kilowatts. Today it is on medium wave only. May 10, 1951.

utility and other stations. QSLs of any age are welcomed (amateur radio QSLs only from before 1950, however). Since today's QSLs are tomorrow's history, the Committee wants to archive QSLs of more recent origin also. So hobbyists with "new" collections are as important to us as the "old timers."

The Committee is concentrating on QSL collections in the United States, but in the future the Committee may have affiliated groups in other countries working to provide appropriate QSL depositories for their DXers. For now, hobbyists outside the U.S. who are interested in preserving their QSLs are urged to contact the Committee so that their interest can be noted and their names referred to local affiliated groups that may be formed.

#### What Happens to QSLs That Are Donated to the Committee?

All material is handled with care. Each QSL is

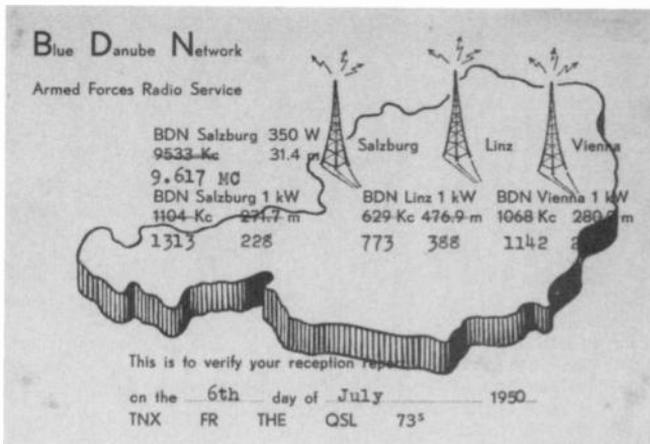


Figure 5. There were many American (and other national) forces stations in Europe after WWII. This card is from the American Forces "Blue Danube Network" in Austria, July 6, 1950.

carefully marked with the donor's name, and filed. A maintained computerized index makes all material easily and quickly accessible.

Eventually the Committee's collection might be housed at a museum or a library so as to facilitate viewing and use by interested persons. For now, however, the Committee's collection is located at the Boston headquarters of the Christian Science Monitor, the internationally recognized news organization, a leader in the field of objective news reporting, and the home of Herald Broadcasting, the parent organization of WCSN, the new 500 kw shortwave station in Maine. The Committee appreciates the support of this important voice of international journalism.

#### Interested?

We hope so. Most QSL collectors have spent many, many hours seeking QSLs, and as long as they are active in the hobby, they should hold on to their verifications so they can get back from them as much enjoyment as they have given. But if you are leaving or have left the hobby, the Committee urges you to consider placing your QSLs with us in order to insure that your active involvement in the hobby will be memorialized for future generations of DXers.

Also, if you know of others who might be interested in the Committee's work, or if you are holding a QSL collection belonging to a DXer who is no longer active or has passed away, or if you are just interested in learning more about us, we hope you will contact us.

#### To Find Out More . . .

Contact Jerry Berg, 38 Eastern Ave., Lexington, MA 02173, (617) 861-8481. Jerry Berg is the Chairperson of The Committee to Preserve Radio Verifications (CPRV) which is a committee of the Association of North American Radio Clubs (ANARC).

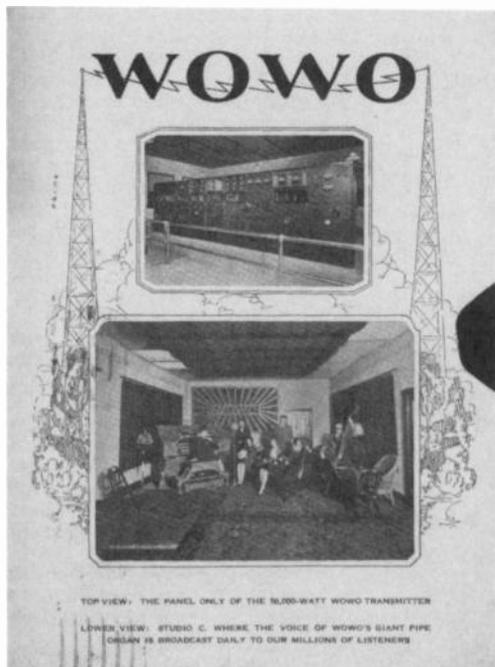


Figure 6. WOWO broadcast from Fort Wayne, Ind. on 1160 kc. in 1930. The listener, in Newark N.J., had heard their Thursday night "Midnight Smile Club." Although the QSL card shows a 50,000 watt transmitter, the back of the card reports that their late-night 100 watt transmitter, WGL, was broadcasting at the time.



# ANTIQUE RADIO SPECIFICATIONS

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

**ANTIQUE RADIO SPECIFICATIONS** - This column provides the collector with specifications, both physical and electrical on individual radio sets. Performance is measured and operation evaluated giving collectors a relative guide to expected results. Comments and suggestions concerning the evaluated radio are welcomed as well as additional radios you would like to see. (*Henry Rogers*)

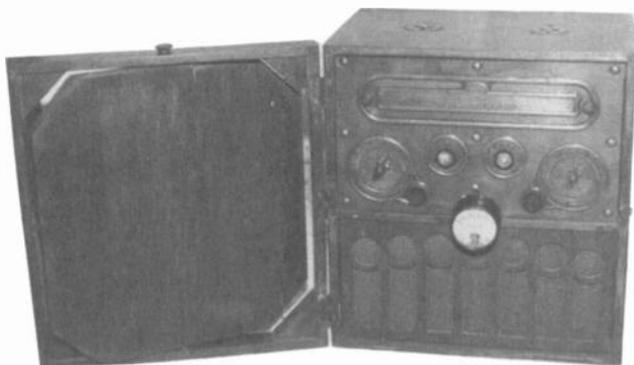
## THE RCA RADIOLA 26 PORTABLE RECEIVER

The Radiola 26 was the deluxe, portable, superheterodyne receiver RCA introduced for the 1924 summer season. This expensive set cost \$225. Also available as an accessory was a battery box-antenna tuner combination for use in the home, priced at \$75. Both were produced through 1925.

The circuit used is a reflexed superheterodyne utilizing six UV-199 dry-cell tubes. The first RF/1st IF and the OSC/1st DET are reflexed to reduce the number of tubes for better portability. Most of the components and connections are encased in a wax-filled metal box which RCA dubbed the "catacomb." Connections to external components are via screw terminals on the catacomb. As with many RCA sets, filament voltage jacks are provided for meter monitoring of the tube filament voltage. With a walnut veneered cabinet, leather carrying handle, ample battery storage and a rotating loop antenna built into the front cover, the Radiola 26 was truly a deluxe "portable," even though it weighed over 30 lbs. with batteries.

Although performance is far superior to other non-superhets of the same vintage, the Radiola 26 does have some minor problems. First, it is possible to tune-in the same station at two different places on the station selector, due to the low IF frequency and non-ganged OSC tuning. Operation of the rotating loop is not without a good deal of noise, although when new this may not have been a problem; now dirt and corrosion have invaded the hinges where the antenna connections are made. Also, the built-in horn speaker is very easy to over-drive resulting in diaphragm rattle on audio peaks.

Best DX was KBOI in Boise, Idaho, which is not too impressive, however; conditions were very poor, and all listening was done using only the loop antenna. The Radiola 26 used for testing is a totally original receiver, and perhaps this accounts for some of the problems discovered.



*The RCA Radiola 26. The loop antenna is in the front cover on the left. The meter, usually missing, indicates filament voltage.*

### SPECIFICATIONS:

Height .....	14 1/8"
Width .....	13"
Depth .....	9 1/4"
Weight .....	24 lbs w/o batteries
Frequency Coverage .....	530kHz to 1400kHz

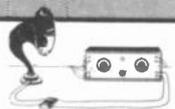
Circuit ..... Superheterodyne - six UV-199 tubes with 1st RF/1st IF and OSC/1st DET reflexed - built-in horn speaker. Movable battery plug allows operation from portable pack or from home battery box (optional).

Construction ... Majority of circuit is encapsulated in wax inside a metal box dubbed the "catacomb." External parts are tuning condensers, FIL and VOL rheostats and the OSC coil. Cabinet is walnut-veneered, and loop antenna will rotate within the frame of the door or can be removed. Posts are provided on the rear of the set to connect the loop there when local stations are received.

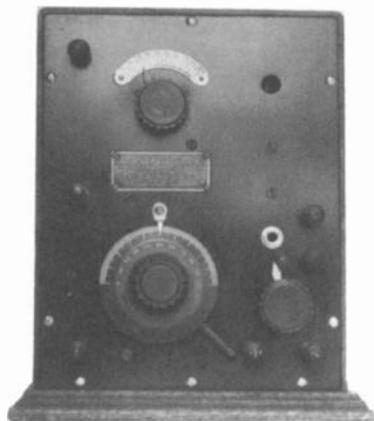
Accessories .... Antenna tuner/battery box combination also in walnut veneer. Battery connection via receptical in box and movable plug-in receiver.



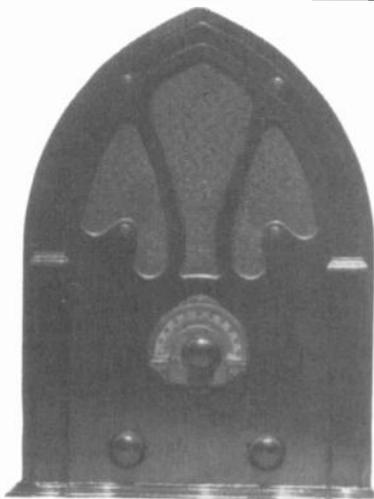
## PHOTO REVIEW



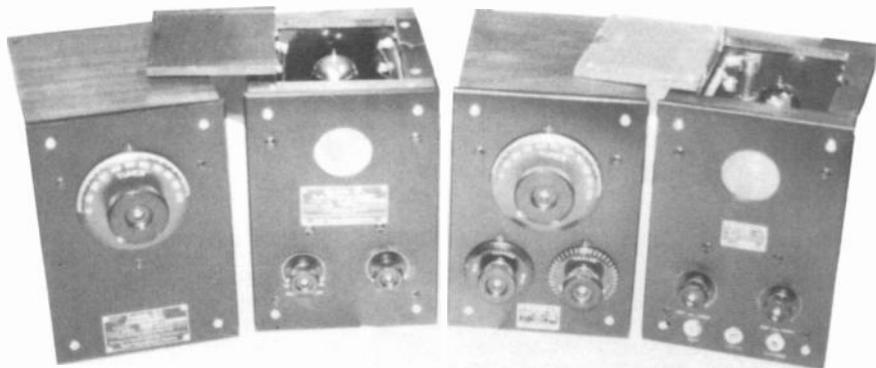
*This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other radio-related items (covering the years 1900-1950's) from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send 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.*



**CANADIAN INDEPENDENT TELEPHONE COMPANY MODEL SC-10** - A one-tube regenerative. Described in 1923 advertising as "The set installed in Lloyd George's private car on his recent visit to Canada." (Bob Murray - Winnipeg, Manitoba, Canada)



**BEL-RAD** - Early 1930's Belmont Radio, TRF. Tubes: 24-35-35, 47-80. (Frank Tedeschi, Brooklyn, N.Y., NY)

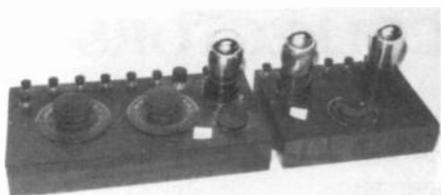


**WESTINGHOUSE RT-AR-RA-DA** - The two units on the right appeared in 1920 and are the commonly seen RA (shortwave regenerative receiver) and DA (detector and 2-stage amplifier). The RA and DA also were available in a single cabinet called the RC. The two units on the left appeared in 1922 and are seldom seen. They are the RT (antenna tuner) and AR (3-stage RF amplifier). Although these units were manufactured by Westinghouse, they were distributed by RCA. (C.A. Albion - Niagara Falls, NY)

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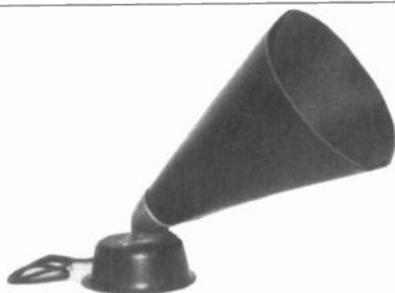
## PHOTO REVIEW

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**INTERNATIONAL ELECTRIC SUPPLY COMPANY, NY, DETECTOR PANEL AND TWO-TUBE AMPLIFIER PANEL** - I have the original blueprint of the set but no other information on the company. (Wally Worth - Wollaston, MA)

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**MEGAPHONE SPEAKER** - This unmarked fiber horn speaker has a sheet metal base containing a Baldwin single phone in a clamp arrangement. (Wally Worth - Wollaston, MA)

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**FEDERAL 141 PHONO-PANEL SET** - The panel set, usually mounted in a cabinet along with a wind-up phonograph was in a home brew 1928 cabinet of 3/4" pine stained walnut. I liked the slanted panel style. (Wally Worth - Wollaston, MA)

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**EARLY HI-FI** - Top Shelf: Fisher FM 90X, 1957. The first of their famous "Gold Cascade" front ends, it also introduced the 6DJ8 tube to the U.S. market. Reko Kut Rondine 2 turntable (not affiliated with Fisher). Bottom Shelf: At center is an MPX 100 multiplex adapter (1962) flanked by a pair of 50C mono preamps driving a pair of 50A mono power amps (1952). (Stephen N. Raymer - Minneapolis, MN)

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## WITH THE COLLECTORS

### MOUNTING DETECTOR CRYSTALS

BY PAUL JOSEPH BOURBIN

I have often been disappointed with the quality of old detector crystals since they are dirty and have few sensitive spots. I decided to try to make my own and see if they were any better. The finished product is shown in Figure 1. They were, and I thought others might be interested in how to make them.

The galena or other crystal can be purchased from any store selling minerals to rockhounds and gem collectors. The metal that I used for mounting was Wood's Alloy (or Wood's Metal) as this was the metal used in early crystal mountings. It is one of the few metals that can be melted in boiling water. Solder is unsatisfactory as it has too high a melting point and will damage the crystalline structure of the metal. Wood's Metal can be purchased from a chemical supply house. I got mine from Bryant Lab, 1101-5th Street, Berkeley, California 94710, phone (415) 526-3141. A quarter of a pound cost about \$22.50 and will make over two-dozen mounted crystals.

First, make a mold by drilling one or more half-inch holes through a piece of metal flat stock (I used aluminum) three-eighths of an inch thick. See Figure 2. Prepare another piece of similar

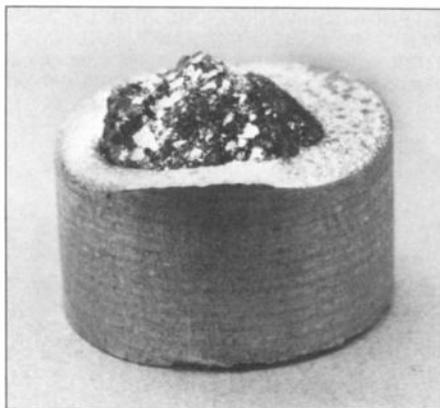


Figure 1. Home brew mounted crystal detector.

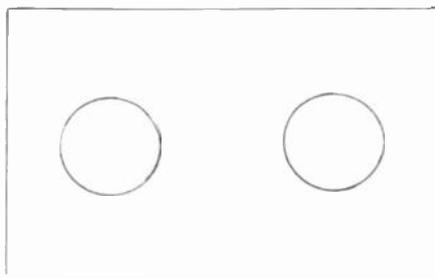
material to use for the bottom of the mold.

Next, break the galena into pieces which should just fit into the holes in the mold without touching the sides. They can protrude above the top. The closer they come to filling the hole, the less metal will be needed. Only one piece of galena should be used in each hole.

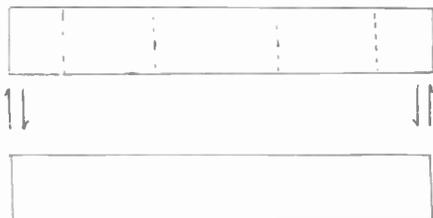
Make a double boiler with an old pot and a smaller pot or tin can. Fill the larger pot with water, and put the Wood's Metal sticks in the smaller one. Put the double boiler on the stove and heat slowly. The metal should begin to melt as the water begins to boil. While the water is heating, put the pieces of the mold near the heat. Warming the mold gives you a little more time to set the crystal. (You may want to wear gloves to keep the oil from your fingers off the crystal and to keep from getting burns.) Remove the mold from the heat, and pour the metal into it about two-thirds full. Put the galena into the molten metal, and hold it there for a few seconds until the metal hardens. Remove the top part from the bottom part of the mold, and punch out the mounted crystal.

After you have made a batch, test them on a crystal set and cull out the ones that are not sensitive. The metal can be remelted and a new piece of galena used. The size mentioned above seems to fit most crystal holders, but it is no problem to make them any size. One can experiment with different minerals easily with this method of mounting.

(Paul Joseph Bourbin's address is 25 Greenview Ct., San Francisco, CA 94131)



Top View.



Side View of bottom & top.  
Figure 2. Crystal mounting mold



# AUCTION REPORT

## MARSHALLTOWN, IOWA

### April 23, 1988

CONTRIBUTED BY CRAIG HUSEBOE

On Saturday, April 23, 1988, a collection of approximately 300 lots of antique radios, speakers, tubes and misc. parts, etc. went across the auction block at the Gene Harris Antique Auction Center in Marshalltown, Iowa. Auctioneers were Gene and Tom Harris. No attempt has been made to classify the various items as to the condition since most items were in good restorable or restored working condition. A good share of the sets contained tubes. The following are the highlights of the auction.

Crosley 4-29 .....	\$25	Federal A-10 .....	45
Eagle Neutrodyne .....	35	E.H. Scott Model 16 .....	175
Kellogg Wavemaster .....	50	Henry Hyman crystal set.....	70
Crosley 51 Portable .....	40	Grebe Synchronphase .....	110
St. James Superhet .....	80	Grebe CR-14 .....	325
Crosley RFL 75 .....	15	Operadio portable .....	60
AK Model 36 .....	45	Metrodyne Super 5 .....	50
Westinghouse WR-28 .....	40	DeForest F-5 chassis .....	50
Stewart-Warner 300 .....	25	RCA Radiola IV .....	355
Westinghouse RC (Rada) .....	110	Metrodyne Super 7 .....	190
Trav-Ler portable .....	55	Grebe CR-8 .....	510
Kennedy XV .....	250	Federal Type 200 .....	75
Magnavox Model D .....	40	AK Model 46 .....	35
Federal Model 141 .....	250	RCA Radiola IIIA .....	120
Radiola III .....	55	Bodine loop antenna .....	50
Magnavox R3 horn .....	60	RCA Radiola 28 & 106 speaker .....	150
Pfanstiel Model 10 .....	70	Zenith Super VIII .....	100
RCA Radiola 100 spkr. ....	20	RCA Model AA1400 .....	70
Teletone 5" TV .....	55	Zenith Model 10H573 console .....	85
RCA Radiola balanced amp .....	90	Silvertone Model 4780 console .....	90
Crosley Dynacone spkr. ....	25	RCA Radiola 17 .....	60
RCA Service Manuals Vol. I & II .....	90	Baldwin horn .....	45
Sonora spkr. ....	25	Kennedy 110 .....	600
Music Master horn .....	120	Westinghouse Aeriola Senior .....	75
Magnavox M-1 horn .....	55	Crosley Model VI .....	120
AK 20 .....	30	Grebe CR-12 .....	350
Federal 61 .....	850	Crosley Model 51 .....	65
Freshman Masterpiece .....	75	Silvertone Neutrodyne .....	50
AK Model E-2 speaker .....	25	RCA Radiola Super VIII console .....	400
AK Model 10 breadboard .....	500	RCA & AK radio pamphlets .....	90
Operadio speaker .....	20	RCA Radiotron clock .....	45
Rider's Manuals Vol. I thru XXIII .....	300	AK Model M horn .....	50
Federal Type 135 .....	200	Crosley Model 5-50 .....	45
Duck loose coupler .....	150	AK Model 32 .....	35
Philco Model 84 .....	45	Herald Model B horn .....	40
FADA Model 185A .....	40	Utah Acorn speaker .....	65
Hallicrafters S-52 .....	35	Crosley Model 52 .....	75
RCA Radiola 16 .....	40	Stromberg-Carlson 2A horn .....	35
Philco Jr. ....	75	Crosley Trirdyn .....	35
Pandora crystal set .....	65	Michigan MRC-10 .....	90
Oriole Model 7 .....	35	WLS Silvertone horn .....	35
AK Model 10 breadboard .....	350	RCA Radiola RS .....	120
Grebe RORQ .....	200	AK Model 49 .....	55
		RCA Radiola 18 .....	60
		AK Model L horn .....	40
		Freed-Eisemann NR-6 .....	60
		Crosley Model 50 .....	110
		RCA Radiola V .....	225
		Freed-Eisemann NR-20 .....	150
		RCA Radiola 20 .....	110
		RCA Radiola 26 .....	220
		Speco horn .....	40

(Craig Huseboe, WDØGAP, 2706 Nelson Rd., Marshalltown, IA 50158)



# AUCTION REPORT

## ART DECO/FIFTIES AUCTION April 8, 1988 – Port Chester, N.Y.

CONTRIBUTED BY RAY CHASE

An Art Deco/Fifties Auction conducted by Bob Kretchko on April 8, 1988, at Port Chester, New York, included 30 radios and TV's. Of special note were two fine grandfather clock radios and several Catalins. A 10% buyer's premium was charged so all prices should be increased by that amount to obtain final cost to buyers. Can you imagine, \$2750 for a plastic radio – a rare Emerson small blue-marbled Catalin with white grille louvres. For additional information, contact the auctioneer: Bob Kretchko at (914) 769-8220.

Pocket transistor radio, Japanese, with leather case .....\$5  
 Hanging illuminated "Television" sign, 4"x24", Deco style, poor condition .....40  
 Westinghouse, white plastic Model H648T4, 2 knobs, 50's radio .....20  
 Philco grandfather clock radio, electric clock, radio Model 70, 4 knobs, restored cabinet, super condition throughout .....175  
 Truetone D2210 chrome-trimmed metal case, Deco style, fair condition .....55  
 Crosley 126-I grandfather clock radio, wind-up clock, very good condition, not restored, 3 knobs .....165  
 FADA Model 1000 yellow bullet Catalin, no cracks, but case has browned areas from heat, yellow knobs and handle .....250  
 Addison Model L2, brown with cream trim, 2 knobs, very good condition .....175  
 Arvin very small metal case radio, 2 knobs .....35  
 Emerson Patriot, yellow case with white grille Catalin, good case, but burn mark on the grille trim .....80  
 Radio sunglasses, Ross Electronics Model R103 with pocket case and original box, very good condition .....30

Batman novelty transistor radio, original box ..50  
 FADA Model 1000 bullet radio, red knobs, handle and dial ring, very good condition, no cracks .....500  
 Crosley brown plastic Model 66TA, 4 knobs, big dial with SW band, nice looking radio, very good condition .....60  
 GE Model E50 wood case, red with black trim, 4 knobs unusual Deco design, very good condition .....80  
 Emerson small blue-marbled Catalin with white grille louvres, 2 knobs. This model is claimed to be rare .....2,750  
 Philco 52-542 brown marbled transitone, Deco style, 2 knobs .....17.50  
 Air Chief large brown wood table radio, 4 knobs, SW, tuning eye and push buttons .....65  
 Westinghouse H382 T5, small brown plastic, 2 knobs .....12.50  
 Crosley 66T6 large wood case, big dial, nice and in good shape .....50  
 RCA brown bakelite 45 rpm record changer only, hinge lid on top, very good condition .....70  
 Philco 37-61 cathedral, 4 knobs, case fair, rust on chassis .....55  
 Philco small wood transitone with handle, poor shape .....17.50  
 RCA RVG 7870 white plastic, 2 knobs, 50's .....12.50  
 Zenith grey plastic portable, bug eye case, 2 knobs, fair .....17.50  
 RCA counter clock display sign, 6"x14", "RCA Electron Tubes" .....45  
 Philco TV about 14" size, table model, bakelite case with simulated leather front, good condition .....50  
 (Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)

### LETTERS

Dear Editor,

The response to my ad in the May issue has been little short of phenomenal. I have had about 17 phone calls, and the number of letters with SASE is approaching 30. I am very happy with the results from your magazine. Since I have been advertising with you, only one ad has failed to sell the item, and that was for a Hi-Fi speaker.

Also, your ad layout and typo people should be congratulated, because my ads come out exactly as I wrote them, or even better.

Sincerely, R.J. Eastwick, Jr., Haddonfield, N.J.  
P.S. Sometime, tell us where Carlisle is. Not on any of my maps.

*Mr. Eastwick's ad mentioning his 50-year accumulation probably helped a bit!*

*As for Carlisle... Carlisle is a small town of about 3800 people, about 35 miles northwest of Boston and next to Concord. In fact, A.R.C. is the only magazine mailed from the small post office, which is located in the basement of a quaint New England church building.*

*Our local newspaper, the Mosquito, is known for its odd name, but we who live here know that it is aptly named in honor of our town insect.*

*Both the Mosquito and A.R.C. use the latest in desktop-publishing Macintosh and LaserWriter equipment and share several personnel. (John V. Terrey, Editor)*



# CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Old radio books. Professional book services since 1976. Send \$1.00 for next two big lists of books for sale. Radiographics, Box 5483, Willowick, OH 44094

**FOR SALE:** Emerson 547A, 1947, exc., works; you can see the pilot light thru the cabinet - \$180. Westinghouse WR-217, 1937, vg, not working, nice oval dial - \$40. Send large 2-stamp SASE for complete and up-to-date photo list. Ron Boucher, PO Box 541, Goffstown, NH 03045. (603) 437-2988

**WANTED:** For W.W. Grant "Voice of the Prairie" rcvr., Samson audio transformer Type HW-A3, 6:1 ratio. Four 215-A tube sockets, all bakelite. Knob for tuning condenser, 2 3/8" diameter, 1 1/8" high black bakelite. Have cash & WD-11's. H.K. Fredrickson, 218 Skeena Cres., Saskatoon, Saskatchewan, Canada S7K 4G8

**FOR SALE:** E.H. Scott Allwave 15. Owned originally by the crooner Rudy Vallee, with documentation. This radio record changer graced the game room of Mr. Vallee's Lake Kaiser, Maine, lodge. The cabinet is the Westerley Grande console and is in super condition. The original Electromatic, 10-record changer is in as-found operating condition. The chrome on the radio chassis is excellent. The radio and phono operate well. The speaker has been reconed - \$5,800. Polaroids - \$1 each. Fran Mayer, Mechanical Music Center, PO Box 1078, South Norwalk, CT 06854

**FOR SALE:** Pair Vocaline JRC-425 UHF CB transceivers, excellent condition with good leather handles; one set has antenna and mike - \$35 plus shipping. Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060. (201) 757-9741

**WANTED:** Radio buttons: Zenith Model 10S464, chassis 1005; RCA Model 19K or compatible; Zenith Model 8S359, chassis 5807. Speaker: Philco Model 42-350, 6" x 4", 1700 ohms. Zenith Model 10S464, chassis 1005, on-off switch. Chassis: Zenith Model 8S359, chassis 5807. Ray Moore, 3 Thayer St., Apt. #1, Rochester, NY 14607. (716) 461-3205

**WANTED:** Miller #522 phono-oscillator coil, new or used, any quantity, prefer N.O.S. Tracy Sands, 1520 W. Juno Ave., #C, Anaheim, CA 92802. (714) 491-8546

**FOR SALE:** Cat. No. 1052 Rubicon, Wheatstone bridge, exc. condition - \$50. **WANTED:** Adapter #FT-260-A local control for command receivers. Roger Paul, 43 Heritage Rd., North Kingstown, RI 02852. (401) 885-1190

**FOR SALE:** Hugo Gernsback magazine collectors' chance of a lifetime to fill in hard-to-find issues. Practical Electrics: November 1921 - \$25, December 1921 - \$20, February 1922 - \$20, July 1922 - \$20. Radio Amateur News, November 1919 - \$25. Radio News: February 1921 - \$20, October 1921 - \$20, November 1921 - \$20, February 1922 - \$20. Phil Weingarten, 67-61 Alderton St., Rego Park, NY 11374. (718) 896-3545

**WANTED:** ARRL amateur handbooks or the "Radio" handbooks, editions before 1948. Send conditions/prices. Charles Simmons, W6PDH, PO Box 6238, Buena Park, CA 90622. (714) 994-6843

## Renew Now & Save!

Rates go up June 10  
PLUS

receive a bonus issue  
for renewing early!

See Coupon in center of issue.

**WANTED:** Still looking for a spherical audion in any condition. Would very much like to get one. Bernard Payne, 116 Palisway Dr. SW, Calgary, Alberta, Canada T2V 3V6. (403) 281-4341, call collect

**FOR SALE:** Johnson transmitter tank coils: 6 HDVL 10 thru 160 meters, 2 TL 10 and 20 meters, 1 HDCL 160 meters, 3 TVL 10-20-160 meters, 2 TCL 10-160 meters, 2 BVL 5-10 meters. BUL - HDV base w/link. 4 odd links. 1 glass vac. VC 5020. Coils for BC 610: four 1.5-2MC, 4.4-5.7MC, 5.7-8MC, 14-18MC. J.A. Ross, W6JPS, 5468 East Grant Ave., Fresno, CA 93727. (209) 255-7912

**WANTED:** Instruction book for Lafayette TE20A signal generator, reprint/copy OK. Early AK and Crosley battery and AC sets for parts: AK Models 20 through 50, Crosley Bandbox, etc. D.P. Clayton, 1364 Tullo Rd., Martinsville, NJ. (201) 563-7874

**FOR SALE:** Brunswick console, mid 1920's. Motorola console, early 1940's, Model 101-C-31. Zenith console, Model 8S463, 1940. Ray Moore, 3 Thayer St., Apt. #1, Rochester, NY 14607. (716) 461-3205

**WANTED:** Cabinet for a Philco Model 70 cathedral radio. Andy Czymbor, 3799 East Burt Rd., Burt, MI 48417. (517) 624-5185

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** AK Kiel table, excellent condition - \$95. Must sell. J.H. Bell, Annapolis, MD. (301) 261-7347

**WANTED:** Part for AK breadboard 10C where 3 tubes sit on. Jerry & Debbie Schliepp, 831 Old Berlin Rd., Ripon, WI 54971

**FOR SALE:** DeForest Interpanel, 11 panel, D10, 12, 17. Rare AC Kellogg tube sets, 401 tubes, more. **WANTED:** WWI equipment, unusual portables & horns. Mel Rosenthal, 5 The Strand, New Castle, DE 19720

**WANTED:** Photo of decal on Dionne Quintuplet radio (should be actual size so I can put it on my set), or cabinet with decal. George Friedrich, 7162 Lake Jacqueline, Custer, WI 54423

**FOR SALE:** RCA Radiola balanced amplifier, working condition with two WD-11 tubes - \$200. RCA Radiola III-A, working, with 4 tubes, 864 on WD-11 bases, new - \$210, or \$150/less tubes. Kodel C-13, works, with three 199 tubes included - \$160. **WANTED:** Crosley audio transformer for trirdyns; 51, 52 series. Charles Rhodes, Journey's End Rd., South Salem, NY 10590. (914) 533-2503

**WANTED:** BC 611 walkie-talkie, parts, test equipment, and accessories. BC 645/ABA-1 IFF transceiver, plugs, PE 101C dynamotor and documentation. BC 1000/SCR 300, please state condition. Your help in locating any of this equipment will be appreciated. Buddy Herring, 1310 Andover Rd., Charlotte, NC 28211. (704) 366-6600, after 8 pm EDT



The Famous Logo  
"Zenith Long Distance Radio"  
on an all-cotton T-Shirt.

Ivory on Black.  
Sizes: M-L-XL.

**\$11.95 PPD.**

(Quantity Discounts Available)

Alan Jespersen  
P.O. Box 17338  
Minneapolis, MN 55417  
(612) 727-2489

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Alexanderson alternator, or information leading to. I desire to find one and make it operate and put it on the air. Can you help? Al Weiner, Britton Rd., Monticello, ME 04760. (207) 538-9538

**FOR SALE:** Ballast Tube Handbook - \$8. Ballast Tube Substitution Guide - \$7. Both list 2700 plus tubes, American and European, ppd. USA only. Also have three 4H4C ballast tubes - \$11 ea. ppd. Anthony Jacobi, 8053 Maywood St., Ralston, NE 68127

**WANTED:** National SW3, first model using Type 32 and 30 tubes, third model using octal tubes. Also SW5 and later versions of the series. Buying parts and accessories for restoration. Will pay your price for coils I don't have! Hallicrafters SX 28A for parts. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (714) 797-1782

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

**WANTED:** Push-button tuning mechanism for Zenith No. 6S341 chairside radio. T.J. Roesch, 9613 Kelly Court, Indianapolis, IN 46231. (317) 839-5983

**WANTED:** Crosley 51, 52, Trirdyns, etc. Must be working and in excellent condition. William Smith, 16001 Dusty Ln., Accokeek, MD 20607.

**FOR SALE:** Television: Philco H-2010, earliest transistorized, mirror screen, excellent condition, leather case - \$99. Shipping - \$6. Brazeau, 1145 Foxfire, Kernersville, NC 27284

**WANTED:** Non radio-related product catalogs, esp. pre-1910, top prices paid. Gary Pletcher, 410 Surrey Ln., Bloomsburg, PA 17815. (717) 784-7892

**FOR SALE:** 6A8MG (metal-glass) tube, unusual collectible, N.I.B. - \$4 ea, \$11/3, plus \$1.50 shipping. LSASE for 4 pages of new and used tubes, parts. Don Diers, 4276-A5 North 50th St., Milwaukee, WI 53216

**WANTED:** Telegraph keys in four categories: semi-automatics, hand, paddle, antique telegraph apparatus. Chuck Brydges, W4WXZ, 4901 Tiffany Ave., Winston-Salem, NC 27104

**FOR SALE/TRADE:** Supreme "Most Often Needed Radio Diagrams" 1926-1938, also 1941 volume. Sams, Red Book '38-'48, first edition. Rider's Tube Substitution Guide, 1950, first edition, plus first supplement for interesting communications receiver. John Kelly, 19133 Stedwick Dr., Gaitthersburg, MD 20879. (301) 977-9319, work

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Eveready Model 31 in restorable condition, need not work, for my collection. E.J. Mondor, 121 Gateway Dr., Greenville, SC 29615. (803) 268-0952

**FOR SALE:** AK 40 power supply, clean—\$30 ppd. Harold A. Bolz, 3097 Herrick Rd., Columbus, OH 43221. (614) 488-9553

**WANTED:** World Radio TV Handbook and World Radio Handbook editions prior to 1968. Send details and price. Harold Sellers, 101 Rutledge Ave., Newmarket, Ontario, Canada L3Y 5T5

### CLASSIFIED AD DEADLINES

Jun. 10 for Jul. 1988 Issue

Jul. 10 for Aug. 1988 Issue

Aug. 10 for Sep. 1988 Issue

**WANTED:** Service manual Arthur Fulmer, Inc., Model 16-6800 auto radio. Charles D. Prater, Edna, KY 41419

**WANTED:** One-inch and two-inch oscilloscopes such as RCA 151, Bendix 3710, and Triumph Type 820. Al Weiner, Britton Rd., Monticello, ME 04760. (207) 538-9538

**FOR SALE:** 2" Pilot TV Model 37, mfg. by Pilot Radio Corp., Long Island City, N.Y., mint—\$500. Visit Williamsburg, Va., and pick up same. Geo. Ambrester, 3084 N. Riverside Dr., Lanexa, Va. 23089. (804) 566-1580

**WANTED:** Magnovox Type A tube w/tip. Any early or unusual tubes. Also want pre-1900 light bulbs, any style base. Bruce Harbeck, 2921 So. 148 St., Omaha, NE 68144. (402) 333-9013

**WANTED:** Late 40's, early 50's, BCB/SW rcvrs. Trade/cash. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

**MESSAGE:** I wish to apologize to all the fellows who were disappointed and whose checks and money orders I returned because the demand for my replica DeForest spherical audions was so great. I sold out completely. If all goes well and I can muster the energy, I will make up another lot to be ready sometime in July 1988. Phil Weingarten, 67-61 Alderton St., Forest Hills, New York, NY 11374. (718) 896-3545

**WANTED:** Chassis only: Freed-Eisemann FE-15. Steve Morton, 905 West First, North Platte, NE 69101

**WANTED:** Speaker for Coronado Model 73G Superheterodyne radio. Johnnie Wade, 476 Nordale Rd., North Pole, AK 99705. (907) 488-2169

**FOR SALE:** Zenith Trans-Oceanic Model A-600, early portable, good cond., works—make offer. Ed Ostrenga, 19 Pond St. #3, Pawtucket, RI 02860

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Case histories of receiver troubles and their remedies. **FOR SALE:** Schematics, 1930-1950. Tony DeMara, 25100 Hoover, Apt. 203, Warren, MI 48089

**FOR SALE:** 20 ufd 400v Ax, NP electrolytic—\$10/40. 100 ufd 150v Ax electrolytic—\$10/100. 20 ohm 10W sand power resistors—\$6/100. .002 2000v axial cap.—\$8/200. .022 100v radial film cap.—\$6/200. 330 ufd 63v radial electrolytic—\$10/100. Elna 4700 ufd 25v snap-in electrolytic—\$8/20. Orders shipped COD. Santech Electronics, 11 Revere Pl., Tappan, NY 10983. (914) 359-1130, Fax: (914) 365-0243

**FOR SALE/WANTED:** Pre-1930 QST's. Richard Titus, NV2C, 231-9 Lucas Ln., Voorhees, NJ 08043. (609) 772-0316

**WANTED:** Nonworking or working vintage headphones for my collection. I am no longer interested in the following: Acme, Airline, American Bell, Atlas, Berwick, Brandes, Cannon Ball, Connecticut, Dictograph, Duraphone, Frost, Holtzer Cabot, Murdock, Tower, Trimm, Western Electric. Interested only in vintage headphones other than those listed above. Please state price and telephone number if convenient. Vernon Kostohryz, 600 Lakeside 3A, Brownsville, TX 78520. (512) 541-5692

**WANTED:** Antique globe-shape tubes. I especially need UX250, 245, 171A and UV201A with top tip. Also want new UX50, 45 (ST shape) and 201A in original box tubes. Hidetoshi Wada, 1-2-19 Arato, Chuo-ku, Fukuoka-shi 810, Japan

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**WANTED:** Old police radios, equipment, parts, crystals, books & catalogs. Jim Ryan, 1997 Whittier St., Rahway, NJ 07065. (201) 382-4526

**FOR SALE:** Tubes, all types, fair prices, N.O.S. and used tested good. SASE for list or send needs for quote. Rare Kemper SG-7 early TRF/AC, mint cabinet, plays but needs some work - \$100 + UPS. Adam Schoolsky, N60SJ, 39120 Argonaut, #195, Fremont, CA 94538. (415) 797-2733

**WANTED:** Junker Federal DX-58 and 61 chassis. Also complete Moon Model C1 battery radio. Craig Huseboe, 2706 Nelson Rd., Marshalltown, IA 50158. (515) 753-9381

**FOR SALE:** Heathkit C3 cond. tester - \$15. Century CT1 cond. tester - \$15. Paco C-25 electrolytic's cap tester, 8089, will test 2 to 400 mfd - \$15. Speco signal tracer, old, needs a clean up - \$18. Noma elec. lamp tester - \$6. Polly #250 lamp tester - \$5. Mallory SC628 Sonalert's - \$3. Improved Kleertone, N.O.S. - \$5. Simpson V.O.M., Weston style, old port. case, untested - \$8. Mallory TV tuner, chan. 14 to 82 - \$12. RCA 100-A speaker, two small tears - \$30. RCA 100-A speaker, no grille cloths - \$22.50. Powerstat var. transformer, 15 amps, heavy - \$35. GE 7.5 amp var. transf. - \$20. Ohmite 6-amp var. transf. - \$20. I am junking: AK 40, 47; RCA Radiola 17, 18, 33, 20, 28. Also have a large stock of radio tubes from 1920 to 1960. Parts, Rider, Howard Sams, meters, test eqpt. audios, power transformers, 1000's of unlisted new & old parts. Shipping extra on all items. New list for SASE. Krantz, 100 Osage Ave., Somerdale, NJ 08083

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Manual for Knight Kit Star Roamer, also Yaesu FT2F 2-meter transceiver. Arnold Price, 35 Hillview Rd., Monocacy Station, PA 19542. (215) 385-3343

**FOR SALE:** Crosley Fiver battery set - \$80. Crosley 167 cathedral - \$150. These sets work real good. Chuck, PO Box 598, New Haven, WV, 25265. (304) 882-2220

**WANTED:** Hallicrafters floor model speaker R-75 or R-80. Back for GE television Model 810. R. Miller, 5217 43rd Ave. Ct. NW, Gig Harbor, WA 98335. (206) 858-9240

**FOR SALE:** Radio Boys books and related radio juvenile fiction. Individually priced. SASE for list. John Hutchins, 9417 N. Rich Rd., Alma, MI 48801

**WANTED:** Old military radios, related items, especially WWII German, Japanese, Italian. Hugh Miller, 6400 Maltby, Woodinville, WA 98072. (206) 487-3047, mornings

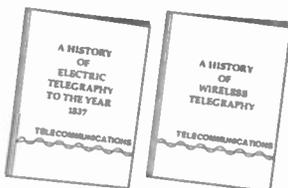
**FOR SALE:** Subscribe to America's best list of radios, TV's, etc., published monthly. My recent lists have included a Marconi prewar TV, QST mags. 1916-1920, AK breadboards, many cathedrals and Deco/novelty radios. Send \$1.50 for current month's list and subscription info. Jim Clark Enterprises, 1292 Starboard, Okemos, MI 48864

**WANTED:** Metal lid tag for AK Model 20, 20-D, or 24. Dan Brown, N. 4828 Monroe St., Spokane, WA 99205

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**WANTED:** 1942 tabletop wood radio; restored, exc., or very restorable; any make. Send picture if you have. Pete Pederson, 4748 SE 41st, Del City, OK 73115. (405) 672-1748

**FOR SALE:** Test equipment. RCA: VTVM WV98C - \$65. WA44B audio generator - \$40. WR 69A sweep generator - \$50. WR 99A marker generator - \$90. Sencore: TC109 tube tester - \$45. CG 126 color generator - \$20. TF 26 cricket transistor checker - \$25. Eico: VTVM 1050 - \$25. Tube checker 667 - \$65. B&K 600 tube checker - \$35. Plus shipping. LSASE list. J.J. Papovich, 216E Broadway, Westville, NJ 08093. (609) 456-4079

**WANTED:** Rider's basic tech books from about 1960, complete volumes. Physics by Alexander Eron, Mathematics by Norman Crowhurst, Audio by Norman Crowhurst, Television by Alex Schure, Radio by M. Tepper. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 866-6183

**WANTED:** Audio devices (audiotape) colored tape reels from the 1950's. Bruce Leslie, Pro Recording Service, 13709 Maple Leaf Dr., Cleveland, OH 44125. (216) 662-1435

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

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



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| 4. Acratone Cathedral   | \$275 |
| 5. Philco 19            | \$180 |
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**FOR SALE/TRADE:** Have excellent cabinet for an Earl Highboy. Photos available. P. Burton, Belchertown, MA 01007. (413) 323-5019

**WANTED:** Macintosh 100-watt-per-channel amplifier and preamplifier. Prefer them in working condition. Send info. of model numbers, condition and price to: Dan Aikens, 3627 North Sepulveda Blvd., Manhattan Beach, CA 90266. (213) 545-8762

**WANTED:** AK chassis 80, 82, 84, 90, 92. Also D, for Q versions of same. Tom Burgess, Box 9769, Little Rock, AR 72219. (501) 565-1750

**FOR SALE:** Rider's radio manuals. Vol. 2 - \$22. Vol. 5 - \$15. Vol. 6 - \$15. Vol. 17 - \$10. Public Address Equip., Vol. 1 - \$8. Rider's Record Changers and Recorders, 1941 - \$5. Hawkins Electrical Guide, copyright 1917, Vols. 1 through 10 - \$20. Magazines: Electronics, 18 issues, 1944-1952 - \$10. Service Radios, 60 issues, 1936-1948 - \$25. Radio, 20 issues, 1938 and 1940 - \$18. Plus postage. Suggest you call for availability. Fothe, 10 Jackson St., Sloatsburg, NY 10974. (914) 753-2090.

**WANTED:** Early WE transmitting tubes for my collection. T. Walker, N2GiG, 154 Intervale Rd., Mountain Lakes, NJ 07046

**FOR SALE:** Rider's Volumes 4 through 17 - \$150 plus UPS. **WANTED:** Revere 400 portable. Face from Crosley GF clock/radio. Rider's 20 & 23 & Index 1-10. T. Wickstrom, 1664 E. Shore Dr., St. Paul, MN 55106

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**FOR SALE:** High voltage probes, RCA WG 297 and Simpson 303 - \$5 ea. ppd. Henry Holtermann, 20091 Port Circle, Huntington Beach, CA 92646

**FOR SALE:** Original gold-lettered Rider's Vol. I, lithographed by Radio Treatise Co., 1931 - \$50 ppd. Similar Vol. II - \$40 ppd. Vol. 6 thru 13 - \$150 ppd. Vols. 15 and 18 - \$20 ea. ppd. **WANTED:** Top cap for Kellogg 401. Audio transformer for Freed-Eisemann NR-50. Pat Stewart, W7GVC, 1404 Ruth, Walla Walla, WA 99362

**WANTED:** Silvertone Hoppy radio, have Arvin. Also GE Mickey Mouse, working or not, for parts. Otto Nill, 192 Grant Ave., Islip, NY 11751

**WANTED:** Military radios and related equipment. Circa WWII command and field issue: SCR-54, BC-223, etc. Complete collections or single sets. Wm. A. Stokesbury, Rt. #3 Box 200B, Selbyville, DE 19975

**FOR SALE:** Crosley Model 50 1-tube receiver - \$90. **WANTED:** Transformer, Philco Model 37-116. John Porter, 701 N. Main, Osceola, IA 50213

**WANTED:** Philco 44 or 144 cathedral. Prefer good physical shape, working or not. Gilbert Smith, 248 South 36th St., San Diego, CA 92113. (619) 233-8646

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**WANTED:** Schematic for Hallicrafters Civic Patrol Model CRX-5, 152-174 Mc. Manuel Mello, 364 Rindge Ave., #16C, Cambridge, MA 02140

**FOR SALE:** 1948 Ford car radio Wondebar. Philco Model 20 cath. Philco Model 60 cath. AK Model 30. RCA 100B speaker. Crosley Dynacone Type F speaker. Russ Schoen, E. 7340 Nietkze Rd., Clintonville, WI 54929. (715) 823-6744

**FOR SALE:** Two ea. UX 201A, ER 112A, ER 222, boxed. New Motorola 708T6 Tucker auto radio. Offer. J. Stueber, 8920 Lexington Ave. NE, Albuquerque, NM 87112

**WANTED:** Ant. loop for DeForest D-10 rcvr. to fit 1 1/8 inch hole in top lid. J. Wasiewicz, 229 Sarles Ln., Pleasantville, NJ 10570

**FOR SALE:** B & K 1075 analyst, no manual or slides, mint condition - \$45. Crosley floor model 03CQ, excellent condition, push buttons, phono - \$65 plus shipping. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

**FOR SALE:** Fifty years: Catalogs, flyers, service manuals, books, Radio Masters Encyclopedias, old radios, parts, military equipment, 10,001 miscellaneous hickies. 36 pages listing - 45¢ LSASE. F. Yonker, W2IBH, 7 Old Farms Rd., Saddle River, NJ 07458

**WANTED:** Cabinet for Midwest 16-35. Airline radio Model 1355 (62-1955). Apex Model 10C. Linus Brown, R#2 Box 49, Wapakoneta, OH 45895. (419) 738-8069

**WANTED:** Power transformer for a Standardyne AC Model 29. Oscar Smith, Route 9 Box 16, Dublin, GA 31021. (912) 275-3657

**FOR SALE:** Free catalog of vintage radio programs on cassette. The Dream Machine, PO Box 68, Lynnfield, MA 01940

**WANTED:** Cabinet for Radiola 17. Input transformer for WE 7A amplifier, #218A. AK 825 and other AK sets. AK breadboard parts, especially Type 11 tuner. Speaker Grunow 670 tombstone. Bob Nicholson, 3423 S. Long, Topeka, KS 66605. (913) 266-9473

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**FOR SALE:** Crystals. SASE for my list. Jess B. LeBow, K8LJQ, 2023 Lannen Rd., Howell, MI 48843

**WANTED:** Wireless remote control for a Philco 39-116 console. Speaker for a Midwest Model 170. Philco table radios 41-255 and 42-355 in excellent condition, working or not. Astatic #408 phono cartridge used on early RCA 45 rpm record players. New unused preferred. **FOR SALE:** Hallicrafters S-38 EM, early 60's model - \$45. Emerson BA-199 (Radios The Golden Age, p. 31), cabinet cracked, but otherwise looks and plays good - \$30. Philco Model 45 lowboy console, very good condition, all original - \$180. RCA Victor 810K1 console - \$85. Stromberg-Carlson radio-phono combination AM-SW, old and new FM bands - \$75. Pick up or make arrangements to ship the consoles. Doug Burskey, 732 Pulver-List Rd., Mansfield, OH 44905. (419) 522-5669

### CLASSIFIED AD DEADLINES

Jun. 10 for Jul. 1988 Issue

Jul. 10 for Aug. 1988 Issue

Aug. 10 for Sep. 1988 Issue

**FOR SALE:** Elvis Presley radio, like new - \$125 or best offer. Warren Burdine, 830 Geneva Dr., Prescott, AZ 86301. (602) 778-1608

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

**WANTED:** Hallicrafters R-44/ARR-5 and R-45/ARR-7 rcvrs. Any spy radios and/or components. Radio manual by Mechanics Illustrated, 1940-42. Gary Cain, 1775 Grand #302, St. Paul, MN 55105. (612) 698-4851

**FOR SALE:** Radio collection including FADA 139 - \$1 for list. Rick Erbach, 5574 Pershing #34, St. Louis, MO 63112

**WANTED:** SW3 coils #66, 67, 68, 69, 70, 71, 72. J.J. DeSousa, Jr., W1DFK, 29 Whiting St., Plymouth, MA 02360. (617) 746-6533

**HELP:** Need to know: Is a Philco Jr. Model 80 (F.O.S., p. 118) lacquered? If so, what were color combinations? Richard Arnold, Box 275, Lone Grove, OK 73443

**WANTED:** Miller #912-W1 1500 Kc. IF transformer. Stancor #PS-8415 transformer. Pete Curry, 1040 Harbour Dr., Palmyra, NJ 08065. (609) 786-1218

**FOR SALE:** Tie clasps & lapel pins, radio related. Philco, RCA & more. Send LSASE with 44c postage for large illustrated list. Michael Sabodish, 11-A Matawan Ave., Cliffwood, NJ 07721

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**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Minerva Model W-119, wooden cabinet good, needs chassis work - \$20 plus 16 lbs. UPS. No battery sets, no Catalins, no cathedrals for sale. Have list available with prices, weights, on it for these items which are for sale: tube testers, military signal generator, tubes, components including new 600v capacitors, other supplies needed to repair/restore AC and AC/DC chassis and cabinets. Sue Coulter, 4200 Prince St., Bakersfield, CA 93301

**FOR SALE:** Transistor radio, early 70's, Raggedy Ann, works-\$15. Mickey Mouse phonograph, DC current, not working-\$20. Plus shipping. Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

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**WANTED:** CQ magazine, May 1957. Also need technical articles on 1930's television, books or magazines. R. Brewster, 454 Diablo Dr., Pittsburgh, PA 15241. (412) 833-4287

**FOR SALE:** Summer 1967 Radio Amateur Call-book magazine - \$5 ppd. James A. Fred, R1, Cutler, IN 46920

**WANTED:** Automobile radios and related parts, literature, knobs, vibrators, etc. Send description, price. Dan & Bernie Schulz, Antique Auto Radio, PO Box 892, Crystal Beach, FL 34681

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**FOR SALE:** Radiola AR-812 Superhet, vg-\$225. Freed-Eisemann NR-20, chassis only, vg-\$40. Sam Beale, 162 Billings St., Sharon, MA 02067. (617) 784-3661

**FOR SALE:** British collector clearing out over 60 radios, all cheap. For list send SAE. A. Cavender, 288 Hexham Rd., Throckley, Northumberland, NE159QX, England

**WANTED:** Radiola 17 cabinet hinges and lamp hood. Andy McKenzie, Box 1872, Medley, Alberta, Canada T0A 2M0

**FOR SALE:** QST almost complete, Sept. 1916 thru 1966, also full years, single issues. CQ, Radio, Radio Electronics, Electronics World, 73, Callbooks, books, more. 45¢ SASE. Mrs. A.R. Marcy, 461 Third Ave., Satellite Beach, FL 32937

**WANTED:** Information (schematics, instructions, pictures) for General Electric TC3 and Jackson 636 tube testers, anything on Casco Radio Corp. Driver or "for parts" Velvet horn, Borkman. Phillips AG 1003 record changer, used in Grundig 7063 W3D console, for parts, working, or entire console. Alexander Kruedener, Jr., 161 East 89 St., Apt. #4E, New York, NY 10128

**FOR SALE:** AK Service Data Supplement w/parts & price list for 21 models, April 1932, pp. 325-372, reproduced - \$6 includes postage. **WANTED:** RCA/Radiola radios, manuals & related items. Horn speakers. Radio News thru 1932. Will be in Atlanta & Elgin. Chip Taylor, 6106 45th Ave. Dr. East, Bradenton, FL 34203. (813) 755-4296

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## CLASSIFIED ADVERTISEMENTS

**WANTED:** Manual and/or tube chart for Navy tester AN/USM-3A. Ron Taylor, 12407 Mullins, Houston, TX 77035

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**FOR SALE:** Paragon RA10. Radiolas 3, 3A, 60, unused 4-125's. Novelty radios. Baby grand piano. Refrigerator. Postal telegraph clock. Scotts. 800B. Phantom. Allwave. Beautiful Capehart. Dec. 1916 QST, others. TenTec QRP. DeForest F5 radiophone. FADA battery radios. Two Hallicrafters speakers. Rare DeForest ceramic base 201A's. Philco's 70, 90. Crosley Pup, restorable. DeForest audions. Lyck Wurlitzer cathedral. AK 10. AK 944. Aeriola Sr. Philmore xtal sets. Three Magnavox R3 speakers. Radiola 103, 100, 100A. Peerless. Speakers. Dumont oscillograph - \$35. H.P. VTVM - \$25. Crosley beehives. Cathedral. 1943 handbook. Dec. 1916 QST, others. Old Silvertone car radio with speaker. Bremer Tully speaker. Two RCA 4T beehives. Sky Buddy. S40B Catalin butterscotch. RCA with acceptable crack. **WANTED:** HRO 60 knob, coils or junker. HRO 50 coils. Blue Racer bug, others. Nat'l. FB7. SW2, SW3. Early ham rcvrs. Xmtrs. Joe Szabat, W3LST, 228 Plummer, Oil City, PA 16301. (814) 677-4042

**FOR SALE:** Hickock CA-4 compactron test adapter, no charts - \$10 (2#). Magnavox Factory Manual 1937-42 - \$10 (2#). Zenith 6R886 table combo radio-cobra changer - \$25 (25#). **WANTED:** Victor monstrosity electrolas 9-XX, 10-XX, 12-XX series. Doug Houston, 3441 Hadley Rd. S, Ortonville, MI 48462. (313) 627-4141

**HELP:** Need Philco 650 chassis to speaker wiring information. David Collins, 115 Chestnut St., Medina, NY 14103

**WANTED:** Charlie McCarthy, Mickey Mantel, Globe and all other types of character and novelty radios. Jerry Finamore, Timeless Radios, 310 Ellwood St., Easton, PA 18042. (215) 253-3608

**WANTED:** S-meter for Hallicrafters S-36A. Needed for restoration in Queensland Maritime Museum. Russ Turner, VK4RAN, 414 Liberty St., San Francisco, CA 94114

**FOR SALE:** Drake 2A rcvr., works FB, very good cond. - \$70 ppd. Joe Cook, K5VDD, 2151 FM 740 N, Forney, TX 75126. (214) 722-3551

**WANTED:** Pair of good 202 or 203 transmitting tubes. Paul Bourbin, 25 Greenview Ct., San Francisco, CA 91431

**WANTED:** Cash paid for old jukeboxes and related items. Bob Carlson, 815 Third Ave., International Falls, MN 56649. (218) 283-2543

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**CLASSIFIED ADVERTISEMENTS**

**WANTED:** Ace precision equipment pre-1923. Have Grebe, DeForest, Paragon, cash, etc. available. Craig Ball, 10101 Oak Hollow Cir., Austin, TX 78758. (512) 835-7292

**FOR SALE:** Federal E40 chassis - \$25. Coronado 908, wood, AC - \$30. Sentinel IU 356, side knobs, different - \$25. Zenith bakelite T-723 - \$25. AK 60, metal - \$50. Philco portable, 46-350, roll-up dial cover, nice & works - \$30. Motorola 5P31A - \$15. Silvertone 101.801 - \$25. RCA Victor radio-phono, bakelite 9-Y-510 - \$35. Ward's 93BR-460A - \$30. Hallicrafters S-38EB - \$40. Philco bakelite 48-141 - \$25. American Rifleman, 34 issues from 1930's - \$70. Sparton chassis #930(?) - \$20. All plus UPS. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635, after 5 pm PST

**WANTED:** Air King colored plastics and Emerson small tombstone, pay - \$1800+. Prewar British and German radios & tubes. 1936 RCA tubular chrome sets. Arvin Rhythm King. 18-tube Midwests. Original Philco 90. Zenith 12+ tube, 1934-38. GE grandfather clock radio. Radio-Glo Melody Cruiser. Colonial Globe radio. Speaker for Dahlberg Pillow spkr. radio. Zenith Oceanic R7000. 1960's audio components (Regency, Fisher, Marantz, etc.). \$3000+ for Marantz 9's. Edw. Schneck, 1401 Ocean Ave., Brooklyn, NY 11230. (718) 377-7282

**FOR SALE:** Scott Philharmonic in Chippendale grande cabinet, complete, exc. chrome - \$850 or best offer. Anthony Scarfoglio, 13 Fourth St., Brooklyn, NY 11231. (718) 858-1231

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Rider's Manual #6 - \$15. NRI Vol. 1 - \$35. Shipping crates: Stromberg-Carlson corner radio - \$40. Early 30's Philco, 2 sides wooden, old logo - \$25 per side. Pilot console 40174 - \$100. AK console 422, plays - \$100. Grebe synchrophase MU-1, good condition - \$145. Hallicrafters SX-43 - \$55. Majestic 55 chrome-front tombstone, as is - \$125. Jax semi-cathedral - \$90. Zenith Trans-Oceanic 7G605, complete, very nice - \$200. Truetone D2017 bakelite, resembles styling on Philco 49-501, a bit larger - \$55. Card game: Game of Radio, 48 cards with instructions and sleeve box, excellent, made in Peoria - \$40. Radio banks: Majestic - \$65; GE, resembles K85, F.O.S. p. 90 - \$90. Westinghouse dealer book w/ pictures - \$22. Big Little book: Radio Patrol, excellent - \$20. Rudolph snow-shaker globe from M.W., nice accessory piece for Rudy radio, excellent - \$46. Many Zenith radios available. Will deliver to Chicago, Elgin or Canandaigua. Alan Jespersion, POB 17338, Minneapolis, MN 55417. (612) 727-2489

**WANTED:** Telegraph keys, sounders, call boxes, telegraph test instruments. Seek ones that are early or unusual. Also want pre-1920 telegraph books, paper items. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405. (707) 539-1883

**FOR SALE:** Zenith Trans-Oceanic Model Y-600L, very good condition. Bob Deuel, PO Box 1181, Medford, OR 97501

**WANTED:** Loop antenna. Horn. Old B battery. T. Gunderman, 6648 N. Chatelaine Pl., Phoenix, AZ 85014

**WANTED FOR CASH**

ARVIN RYTHYM BABY 417	(A Flick of the Switch P.58 )
PHILCO 49-501	(" " " " " P.140)
FADA 32 (1939)	(Radio: A Blast from the Past P.34 )
G.E. FB52	( " " " " " " P.214)
EMERSON model 365	( " " " " " " P.270)
PHILCO 350 T	( " " " " " " P.314)
MOTOROLA 51x16	(Radios:The Golden Age -Cover-)
Paying \$2000.00 and up.	
BELMONT 6D111	( " " " " " P.69 )
ZENITH 5R312	( " " " " " P.71 )
FADA 115 or 1000	( " " " " " P.64 )
FADA 254	( " " " " " P.27 )
FADA 242	( " " " " " P.26 )
GRUNOW TELEDIAL TWELVE model 1291 (1936)	
EARLY METAL CASED TABLE MODELS	
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LOS ANGELES, CA 90024  
213 479-0167

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This index to Antique Radio Classified was compiled by  
 Frank R. White, KBØTG  
 P.O. Box 2012, Olathe, Kansas 66061

Please write to Frank with any corrections, suggestions, missing entries, etc. The current plans are to continue compiling the index and to publish the index for 1988 in an early 1989 issue of A.R.C.

## 1984 to 1987 Index to Antique Radio Classified

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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

# EXTRAVAGANZA '88

Sponsored by  
The Michigan Antique Radio Club

July 22 & 23, 1988

Dillon Inn  
525 W. Canal Road  
Lansing, Michigan 48917  
(517) 627-8381



## EVENTS

*See Reverse Side For Times and More Details*

- ★ Two-Day Open Air Flea Market
- ★ Hospitality Area
- ★ 50/50 Raffle Both Days
- ★ Programs
- ★ Equipment Auction, Conducted by Steve Waldron
- ★ Donation Auction
- ★ Equipment Contest (Categories are:)

1. Novelty (tube-type) radios
2. Novelty (transistor) radios
3. Cathedral/mantel radios
4. 1- & 2-tube battery radios
5. Art Deco radios
6. Crystal set radios
7. Speakers before 1930

**For More Information, Contact:**

Jim Clark  
1292 Starboard  
Okemos, MI 48864  
(517) 349-2249

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# EXTRAVAGANZA '88

## PROGRAM SCHEDULE



### Friday, July 22

Noon - on Registration  
\$5.00 ...MARC Member Seller's Fee  
10.00 ... Non-member seller's fee  
1.00 ... Non-seller's admission fee

Noon - on OPEN-AIR FLEA MARKET  
Noon - 10 pm Hospitality Area (Motel Lobby)  
Noon - 7:30 pm Auction Check-in of Equipment  
7:30 pm Friday's 50/50 Raffle Drawing  
7:30 pm - 9:30 pm Auction, Conducted by Steve Waldron  
*10% fee on all items sold.*

### Saturday July 23

Dawn - Noon OPEN-AIR FLEA MARKET  
8 am - 10 am Contest Check-in  
8 am - 5 pm Hospitality Area (Motel Lobby)  
10 am - Noon Contest Judging  
10 am - 11:45 am PROGRAM: Don Colbert gives his popular  
"Radio Repair Clinic"  
Noon - 1 pm Luncheon, at which Contest awards will be  
announced  
1 pm - 3 pm Contest Room Viewing  
2 pm - 3 pm PROGRAM: Bob Beemer (son of Brace  
Beemer, Radio's Lone Ranger) tells us of  
"Old Radio Programs Behind The Scenes"  
3 pm Saturday's 50/50 Raffle Drawing  
3 pm - completion Donation Auction  
*An Auction of Those Items You Have  
Donated to the Club at the Meet*

**Tear off and Return Lower Section**

## EXTRAVAGANZA '88 REGISTRATION FORM July 22 & 23, Lansing, Michigan

( ) MARC members seller's registrations @ \$5 ea. \_\_\_\_\_  
( ) Non-members seller's registrations @ \$10 ea. \_\_\_\_\_  
( ) Non-seller's admission fees @ \$1 ea. \_\_\_\_\_  
( ) Saturday Luncheon Reservations @ \$6 ea. \_\_\_\_\_

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Address \_\_\_\_\_

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## CLASSIFIED ADVERTISEMENTS

**WANTED:** Erla and AK grandfather clock radios. Also other grandfather and grandmother clock radios. Cliff Watts, 51 Glendale Rd., Bradford, Ontario, Canada N3T 1P5

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

**WANTED:** Will pay top dollar for rare telegraph such as Hult, Grasshopper Marconi, Vibroplex midget. Gil Schlehman, 335 Indianapolis, Downers Grove, IL 60515

### RENEW TODAY AND SAVE TWO WAYS!

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2. **BONUS ISSUE:** If you renew before the end of the month shown on your mailing label (your expiration month), you will receive an extra month on your subscription: 13 months instead of 12; 26 months instead of 24 on a 2-year renewal.

**FOR SALE:** Sams Auto Radio Manual AR-25 - \$3. Tekfax Vol. 6, 1963 - \$5. Ride Tell-A-Fault, Vol. 2 - \$5. Heathkit manual for signal generator, 165 pages, IG 102 & IG 82 - \$5. Heathkit manual for VOM Model MM-1 - \$5. Two Mercury Model 1101 tube tester charts - \$5/both. All ppd. Ferdinand Estree, 660 Fineview Ave., Kalamazoo, MI 49007. (616) 344-0231

**WANTED:** Single capacitor units 5.uF/10.uF = 50 volts, 5.uF/10.uF = 150 volts. Assorted knobs. James MacDonald, RR #1, Glendale, Nova Scotia, Canada B0E 3L0

**FOR SALE:** Philco 42-1006 floor model AM phono - \$60, pick up. **WANTED:** RCA Service Manuals 1 & 2. Jim Sherbahn, 137 Farmington Dr., Woodstock, GA 30188. (404) 924-3135, before 10 EST

**WANTED:** RCA Radiola VIIB, must be in good condition. Make me an offer that I can't refuse! Will purchase outright or have RCA Radiola IX to trade. Jim Clark. (517) 349-2249

**FOR TRADE:** Two Radiotron UV200 & 2 UV201 brass base with tip, good emission, for two WD-11's with good emission. George Pack, 1448 E62 Ave., Vancouver, British Columbia, Canada V5P 2K7

**WANTED:** Cabinet for Zenith 805 cathedral. Need: Close up (SX-70) type picture of grille area Jackson Bell flat top Peter Pan (F.O.S., p. 102), or adv. that shows what horn looked like. Richard Arnold, Box 275, Lone Grove, OK 73443

## CLASSIFIED ADVERTISEMENTS

**WANTED:** RAS-5 WWII HRO. All coils, PS, & book. Robert Mitchell. (609) 641-4460, 5-6 pm only

**FOR SALE/TRADE:** Giffillan molded parts. Radio Retailing magazines. DeForest D-7A. SASE. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

**WANTED:** General Motors Model 130A chassis, working or not. Russ Behm, 2984 Arriba, Santa Barbara, CA 93105. (805) 687-1853

**FOR SALE:** Attention: Collectors, antique dealers. Essential patent dating guide determines the dates of your favorite antiques and collectibles. Convenient pocket guide is great for flea markets, auctions, tag sales and wherever attic treasures may be found. From 1836 to present. Send \$2.50 postpaid. J.A.G., PO Box 81, Shelton, CT 06484

**FOR SALE:** Vocarola. Music Master horn. Rider 1. Early tubes & parts. Send SASE. **WANTED:** Philco escutcheons & 37-620 dial scale. Radiola V metal covers & nameplate. Bob Husted, 270 NW 3rd Ct., Boca Raton, FL 33432. (407) 368-8358

**WANTED:** An AK 93 shortwave converter and a 1930 or 1931 Radio Amateurs Handbook. Gordon Symonds, 26 Ossington Ave., Ottawa, Ontario K1S 3B4. (613) 232-2198

**FOR SALE:** Large selection of QST magazines, 1919 to 1929. Also have some Popular Radio, 1922 to 1926. Send SASE for list. Bill Condon, 3642 McLaughlin, Los Angeles, CA 90066

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**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Miniature lamps (bulbs), 20 types, approx. 500, some scarce. SASE for list. Serge Krauss, 141 Homan Ave., Elkhart, IN 46516-5027

**FOR TRADE:** FADA 1000 yellow bullet. Catalin, towards 1939 World's Fair radio. Otto Nill, 192 Grant Ave., Islip, NY 11751



**WANTED:** Philco 41-260 console radio. Robert Wiczkowicz, PO Box 86, Caryville, NY 12521. (518) 325-5307

**WANTED:** Meteor cathedral Model H. Freshman Masterpiece cabinet. John Richardt, W2WIY, 94 Bald Eagle, Hackettstown, NJ 07840

**FOR SALE:** Steinite crystal set - \$95. Jim Barrows, W7BCT, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

**WANTED:** Case for Western Electric 4B or 4D receiver. Allen Jochem, 2205 Broadway, Quincy, IL 62301. (217) 222-2739

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Radios: Crosley 51, mint - \$125. Radiola III, mint - \$125. Garod RAF, mint - \$175. Freed NR-5, nice - \$125. NR-7 - \$85. Thompson Neutrodyne 5 - \$125. Air Way Model G, 5-tube 5 rheostat - \$150. WE 10-D's. Magnavox R-3's. RCA 100 tombstones. AK variocoupler, det., TA amp for regen. receiver. Johnson Viking Ranger xmtr. Near mint. Hallicrafters S-22-R SW rcvr. Recorders: Ampex 350, 400, 600; Crown 700, 2 Teac 4010's. Speakers: pairs Altec 604's, University 312's, Bozak 3-way in boxes. Amps: PR Mac 30's, one Marantz Model 2. Also trade for vintage pro mics: RCA, Altec, WE, Sony, etc. Amps: Mac, Marantz, recorders, Ampex, speakers. SASE for complete list. Ward Kremer. (305) 524-5652

**WANTED:** Any information on Zenith Trans-Oceanic's: logs, schematics, books, magazines, etc. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

**FOR SALE:** HRO RAS rcvr., 7 coil sets, pwr. supply - \$150. **WANTED:** Paragon RA10, CR18 and FB7 coils, AGS rcvr. Stu Mount, K20A. (914) 691-7957

**WANTED:** Victor R30 or RE45 chassis, power transformer must be good, uses six #26 tubes, tube compliment = 10. George Kay, 429 Park Ave., Worcester, MA 01610. (617) 755-4880

**FOR SALE:** Dynaco FM-1 Dynatuner, works, no manual - \$45, shipping prepaid. **WANTED:** Gross Eagle basket case, send details. R.J. Eastwick, N2AWC, 224 Chestnut St., Haddonfield, NJ 08033. (609) 429-2477

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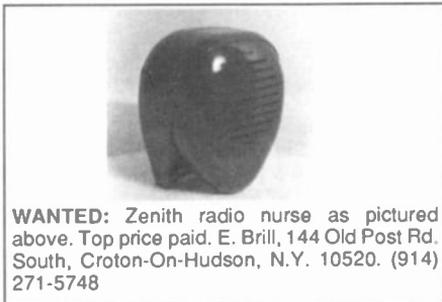
**MAURY CORB  
11122 ATWELL  
HOUSTON, TX 77096**

**TEL: (713) 728-4343**

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Philco #46 - \$75. Silvertone #3451 - \$200. General Electric #506 - \$35. All plus shipping. David or Jodi Dwyer-Grace, 20 Oneida St., Johnston, RI 02919. (401) 331-6641

**WANTED:** Terminal strip cover for Radiola 60. John L. Frigo, 2807 Willow Rd., Homewood, IL 60430. (312) 799-3472, after 5 pm CDT



**WANTED:** Zenith radio nurse as pictured above. Top price paid. E. Brill, 144 Old Post Rd. South, Croton-On-Hudson, N.Y. 10520. (914) 271-5748

**FOR SALE:** Catalin Addison, black with orange swirls & trim, missing small piece of trim - \$235. John Reid, 6 Queensway, Merrimack, NH 03054. (603) 886-9670

**WANTED:** A.C. Gilbert Erec-tronic science kit, ca. 1959, 1-tube, various projects, whole or parts. Karl Ayer, PO Box 665, Thiensville, WI 53092. (414) 242-0571, after 7 pm CDT

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

**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

**THIS BOOK WAS FREE** in 1928! "The Story of the Mercury Super Ten," 36 pages, 8 1/2" x 5 1/2". Quality reprints are U.S. \$4.50 ppd. from Bob Murray, 3216 Assiniboine Ave., Winnipeg, Manitoba, Canada R3K 0B1

**WANTED:** RCA, Eico, and Conar test equipment. Scopes, tube testers, and VTVM only. Send list. Also RCA signs, clock, etc. Books on radio/TV broadcasting history. Lafayette and Allied catalogs (1940's-1950's), copies OK. Radio Retailing, late 1940's-1950's. RCA dealer catalog - lists signs, clocks, etc., 1950's. Raymond Thompson, 104 Canal St., Louisville, KY 40219. (502) 964-5706

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Pre-1900 light bulb sockets, such as Wood, Brush-Swan, Edi-Swan, Hawkeye, United States. Rob Simon, 333 N. Garfield, Lombard, IL 60148

**FOR SALE:** Historic UN items: Altec/WE 633 microphones - \$25-\$50; IBM miniature translation receivers - \$25. Robert Van Dyke, 2 Squires Ave., East Quogue, NY 11942. (516) 728-1327

**WANTED:** Old electrical books or catalogs, any subject. Cash or will repair/replace meters needed. Leonard W. Cartwright, 113 Sea Terrace Way, Aptos, CA 95003

**WANTED:** Zenith 12-tube console radio Model 12-S-266. Arie E. Breed, 510 Lake Dr., Ottumwa, IA 52501. (515) 682-6925

**FOR SALE:** New Westinghouse CWL 860 transmitting tube - \$25. **WANTED:** McElroy Professional Model standard hand key. John White, 212 Marcin Ln., Burnsville, MN 55337. (612) 435-2871

**WANTED:** Knight-Kit SpanMaster regenerative SW receiver, ca. 1960's, or similar. Jon Matthews, KL7JCO, 1144 Dolores Way, Sacramento, CA 95816. (916) 739-8932

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

**IMMEDIATE CASH** for estates/collections of antique radios and other related items. Large or small; near or far. Contact Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

**CLEARANCE:** 1988 Vintage Radio Calendar, color pictures of 12 classic radios - \$4.75 ppd. List of Radio Magazines - SASE. Bill Rolf, 30131 Center Ridge, Westlake, Ohio, 44145

**FOR SALE:** VACUUM TUBES: 70,000 on hand. Many double-digit. VACUUM TUBE BOXES: White. Four sizes. Business SASE for list. TYGER ELECTRONICS, Box 750, Clinton, MD 20735. (301) 248-7302

**WANTED:** GREBE THUMBWHEEL FILAMENT RHEOSTAT (used on CR series). Does someone out there have a junker Grebe? I need the metal half ring that holds the resistance element, and any other pieces. Sherman Wolf, 154 Wells Avenue, Newton, MA 02159. W/(617) 969-6412, H/(603) 673-9526

**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

**CLASSIFIED ADVERTISEMENTS**

**WANTED:** Dial scales for two Philcos, Model 38-9 P#27-5327 and Model 610 P#27-5097. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

**FOR SALE:** Scott radio, working - \$295. Prewar Hallicrafters transmitter - \$175. Federal A-10 receiver - \$150. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145. (216) 871-4547

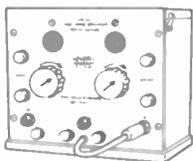
**WANTED:** Collector would like photos or negatives of battery sets you have for sale. Robert Taylor, KA4BSW, Route 1 Box 77, Helenwood, TN 37755

**WANTED:** Sams TSM #33. Any sales or service data for GE monitor-top refrigerators. Gilbert Smith, 248 South 36th St., San Diego, CA 92113. (619) 233-8646

**FOR SALE:** 1950's Gonset Communicator II transmitter-receiver, 12v-DC/115v-AC, untested, 16 tubes, instruction manual - \$50 plus UPS 20 lbs. Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

**WANTED:** Jackson Bell Model 24. RCA Radiola 103 speaker. Tower speaker, Adventurer, 805-845-2426. Don Hames, 7700 Reynolds Ave., Bakersfield, CA 93307

**WANTED:** Old television cabinet parts, knobs, components, complete chassis, 10" CRT's. May consider duds. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (201) 725-7476



**HELP:** My wife wants this project finished! (Make her day.) We have an empty Kennedy 521 amp. We need panel, knobs, sockets, anything! Will buy or trade. Please write. Dave Crocker, 6 Old Farm Rd., Duxbury, MA 02332. (617) 585-5650

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**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Sams record changer service manuals: Vol. 4, 1951-51; Vol. 7, 1954-55 - \$15/both. 1942 Army Radio Service Course, 5 vol. plus special math booklet, used by Ken Nelson 19177491 who was also a good artist - free to Ken, \$30 to remainder. 22-volume Commercial Training Course for TV servicing. Includes TV trouble shooting - \$37.50. All above ppd. Gene Claus, 2305 W. Rice, Sioux Falls, SD 57104. (605) 332-3747

**WANTED:** AK 45, 47, 57 metal box sets with speakers. Black colonial New World Globe radio. Coca Cola cooler radio. Grandfather clock radios. Clock-cathedral radios. Radio Retailing magazines. Jesse French sets. Majestic Treasure Chest. GE K-60 & K-80 table models. Emerson wood & plastic sets from the 1930's. Emerson 1947 Model 540. Crosley Show Boy and Elf. AK 84 deluxe cathedral. AK 93, 558, 275, 155. RCA R-76, R-77, R-37, 28E, 28C, 28B. **FOR SALE:** AK 75 radio-phono combination - \$300. ERLA 2-knob clock radio - \$350. Gloritone cathedral - \$185. John Kern, 2320 Rosedale Rd., Quakertown, PA 18951. (215) 538-2128

**FOR SALE:** Freed-Eisemann FE-15, exc. cond. - \$90. Radiola 20, exc. cond., working - \$140. AK 33, vg cond. - \$70. Rick Peterson, 603 Tournament Blvd., Berwick, LA 70342. (504) 384-5619

**FOR SALE/TRADE:** 1924 (first year) Grebe MV1 Synchronphase. Wice radio mike. Cylinder records, 2 + 4 min. 1923 ICS Radio Operator's Handbook. 1917 Hawkins Guide #1. J.L. Acciavatti, PO Box 231, Southborough, MA 01772



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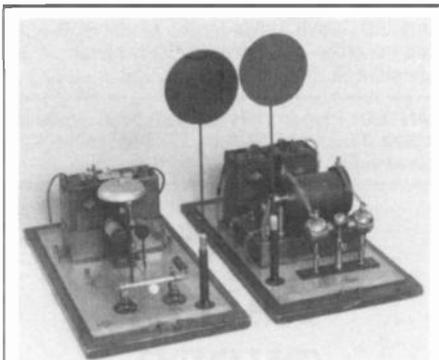
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**CLASSIFIED ADVERTISEMENTS**



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**FOR SALE:** Rare 1928 Majestic AC power unit, Grigsby-Grunow, for 70 chassis only, (1928 Majestic radios Models 71, 72), untested, cover missing - \$50 plus UPS 26 lbs. Carl Reinke, 2724 N. 27th St., Sheboygan, WI 53083

**FOR SALE:** Collins 51J-1, manual, needs some work. I purchased for a parts set. It's too nice to disassemble. If someone wants to make it operational, I have \$48 invested. John White, 212 Marcin Ln., Burnsville, MN 55337. (612) 435-2871

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Bodine basket weave aerial, exc. - \$125. Tri-City W6, exc. - \$110. Plus shipping. Bryan Laughlin, 3450 Chili Ave., Rochester, NY 14624. (716) 889-2341

**WANTED:** Controllable inductor PN/403-2 for Heathkit TV alignment generator Model TS-4A or w ll buy complete generator for parts. E.H. Melvin, 5050 New Market Rd., Hillsboro, OH 45133

**FOR SALE:** RCA console Model R-32, contains 6-tube RF chassis and 4-tube Type 245 amplifier - \$60. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

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**Antique Radio Classified**  
**P.O. Box 2, Carlisle, MA 01741**

**FOR SALE:** Heathkit FM-3A FM radio - \$12. Old tubes - \$1 ea. SASE for list. James S. Looney, Rt. 1 Box 54, Grundy, VA 24614. (703) 531-8677

**WANTED:** Plug-in coil set, 4-prong, shortwave/broadcast or both. Prefer Philmore. Roger A. Van Arsdall, W40FW, 500 W. Main, Burgin, KY 40310

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**WANTED:** Zenith Black Dial novelties and advert sing. Jerry Finamore, Timeless Radios, 310 Ellwood St., Easton, PA 18042. (215) 253-3608

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**Wednesday - June 8**

All Day - Trader's Market  
Tours of Ashland, Ky., Kentucky Highlands  
Museum & Blenko Glass Plant

**Thursday - June 9**

All Day - Trader's Market  
Early Contest Check-in and Viewing  
People's Choice Balloting  
Programs:  
9 am - Meet The Editors and Authors  
of A.R.C. and A.R.C.A.  
1 pm - America's 1st Airliner Radio Installation  
7:30 pm - KDAK - It All Began Here  
(the achievements of Frank Conrad)

**Friday - June 10**

All Day - Trader's Market  
Contest Check-in, Viewing & Judging  
Tour of American Electric Power Machine Shop  
Programs:  
9 am - Heinrich Hertz Experiment  
1 pm - Catalin Story  
3 pm - Mel Comer's Show & Tell  
6 pm - Conference Banquet

**Saturday - June 11**

7 am - Auction Check-in & Auction  
1 pm - Trader's Market  
1 pm - Tours of Area Collections  
2:30 pm - ARCA Member's Meeting

For information write to: ARCA Conference Headquarters  
4204 Thorn Apple Lane, Charleston, West Virginia 25313  
or call (304) 744-8082 or (304) 722-4690

**CLASSIFIED ADVERTISEMENTS**

**FOR SALE:** Magnecord N35B tape recorder, portable version of their classic professional line, excellent condition - \$70. Al Smith, 25 Stonehedge Rd., Lincoln, MA 01773. (617) 259-9351

**WANTED:** Tri-City and Tresco radios. Working power supply for AK 42. Eric J. Bilney, 911 Fargo Ave., Spirit Lake, IA 51360. (712) 336-2490

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**WANTED:** Instructions for Conar Model 221 tube tester, division of National Radio Institute. Gary Redfield, Rt. 5 Box 415, DeSoto, MO 63020. (314) 933-0542

**FOR SALE:** Send SASE for our large list of radios, speakers and related items now available, 1920's-1950's. Send your want list, and we'll track 'em down for you. Steven Calati, 1702 W. 7th St., Brooklyn, NY 11223

**WANTED:** Paying up to \$400 for a Paragon DA2 detector 2-state amp. I buy antique typewriters and sewing machines. Have a breadboard to trade. Thank you. Peter Frei. (413) 245-4660; (800) 942-8968, toll free

**CLASSIFIED ADVERTISEMENTS**

**WANTED:** WWII walkie-talkies Model SCR-536, state condition and price. Richard Marsh, 7350 Buchanan St., Hollywood, FL 33024

**WANTED:** Plug-in coils for Nat'l FBX. Metal lid Radiola 33. Larry Callahan, 2725 NE Pilkington, Corvallis, OR 97330

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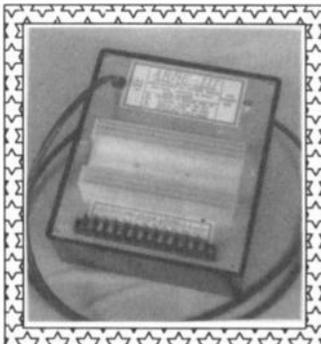
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**WANTED:** IF transformer, Part No. 32-1155, for Philco Model 57. Earle Gustafson, 954 Johnston Dr., Aurora, IL 60506. (312) 844-1687

**FOR SALE:** Equalizer w/display scope - \$25. Grundig multiband stereo chassis - \$15. Multiband receiver chassis, brand unknown - \$15. Zenith plastic portable Model 6G801Y - \$10. Seeburg solenoid drum unit - \$15. Eico Model 625 tube tester - \$15. Airline plastic AM radio w/twin speakers - \$15. Eico Model 460 oscilloscope w/instruction book - \$20. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 387-6764

**WANTED:** Copy or original tube charts and instruction book Precision 700 tube tester. Will pay reasonable fee. Ken Gfeller, 211 No. Garfield, Junction City, KS 66441. (913) 238-3447

**WANTED:** Miller #612-W4 1600 Kc IF transformer. Sams Servicing Transistor Radios #1, 6, 8, 9, 10. Alvin J. Bernard, PO Box 38313, Orlando, FL 32819. (407) 351-5536

**FOR SALE:** N.I.B. Kurz-Kasch Co. & Shaw Co. black bakelite dials, some pointers w/white or gold numbers. Cliff Berthelsen, Box 1096, Merced, CA 95341. (209) 723-7026

**WANTED:** 101D tennis-ball-shaped tubes. I pay \$20 each and postage. T. Yabana, JAØBZC, 4-29 Habaue, Matsumoto Nagano 390, Japan

**FOR SALE/TRADE:** Excellent Airline movie-dial tombstone, works OK. Or trade for excellent Zenith cathedral or tombstone. David S. Kendall, 1610 Fruit St., Huntington, IN 46750. (219) 356-5096, after 6 pm EST

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**CLASSIFIED ADVERTISEMENTS**

**WANTED:** Detector and loop for DeForest D-10. Trans-Oceanic Model 7000. Lids with tags for Crosley box sets. All letters answered. Wade, 657 14th Ave., Prospect Park, PA 19076

**FOR SALE:** RCA 811K - \$150. Philco 38-116 - \$150. Lafayette (Radio Wire & Television, Inc.) C-95 24-tube 2-chassis w/chrome, all vg cabinets & chassis, will deliver to Elgin - offer. Karl Ayer, PO Box 665, Thiensville, WI 53092. (414) 242-0571, after 7 pm CDT

**WANTED:** Old tube hi-fi components, loudspeakers, magazines, etc. Most makes and models, any condition. Jack Smith, 288 Winter St., North Andover, MA 01845. (617) 686-7250

**WANTED:** Kennedy X or XI. Radiola IX or VIII. Marconiphone I, IV, and VII. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9

**FOR SALE:** Lambda 5v, 3-amp regulated power supplies, new in containers - \$20 ea. 6A8-MG, common receiver tube, new factory warranted for 1 year - \$2 ea. Add appropriate shipping, please. Call us and get the facts and low price before you buy. Triode Electronics, Box 148794, Chicago, IL 60614. (312) 871-7459

**WANTED:** Motorola transistor radio, 10 transistor, with case if possible, in working condition. Tom Nespechal, Rt. 4 10-51, Wautoma, WI 54982. (414) 787-4733

**WANTED:** Crystal set mfg. in Portland, Ore., such as Magic. Top dollar paid. James Mason, 90 NW 150th Ave., Beaverton, OR 97006. (503) 644-2343

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**FOR SALE:** Rider's volumes 1-16, good condition - \$150; abridged (1-5) - \$20. Plus UPS. Orval Parker, HCR Box 133, Pocono Summit, PA 18346

**WANTED:** Addison plastic radio. Send description & price. John Anderson, 10920 NE 18th St., Bellevue, WA 98004

**WANTED:** Want cabinets for Westinghouse (RCA) RA, Radiola 20 and Freed-Eisemann NR-7. Want three-socket assembly, wavelength switch and knob for Radiola VI. **FOR SALE:** DeForest D-7A cabinet and engraved panel. C.G. Blakely III, 130 Woodlawn St., Topeka, KS 66606. (913) 232-9463

**FOR SALE:** Philco 40-150, vg - \$45. Kolster 6-D, fair - \$25. Steinite AC set, fair - \$25. Heathkit Pawnee, exc. - \$35. Craig Smith, 1935 1st Ave. S, St. Petersburg, FL 33712. (813) 822-7592

**FOR SALE:** Crosleys 50, 51, 52. AK 20C. Freed-Eisemann NR-6. All working. SASE prices, photos. Leo F. Robinson, 879 So. Town & River Dr., Ft. Myers, FL 33919. (813) 489-1591

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**CLASSIFIED ADVERTISEMENTS**

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**FOR SALE:** Baldwin headphones, plays fine - \$25. Amateur Hallicrafters Sky Rider Jr. Model S-41G, 2/3 of dial red, fine, plays - \$75. Amateur National NC, Sixty Special - \$39. Arvin Hopalong Cassidy Model 441T, red metal, dial and knob black, v-fine, plays. Hopalong black, horse and front grey - \$375. WCLW Mansfield station 5-tube, cream plastic, news sport music on side, plays - \$85. KNDY Kansas City, Mo., 5-tube radio, same as above, doesn't play, needs adjusting - \$65. Mickey Mouse head transistor 9v novelty radio, plays - \$35. Crosley cathedral Model 148, green dial, about fine - \$210. All UPS paid. Edison Mabry, 715 W. Longview, Mansfield, OH 44906

**FOR SALE:** Needles, jukebox - Seeburg & Wurlitzer. Send your wants w/fold description. Edison T-shaped Amberola diamond stylus - \$15 ea. ppd. LSASE w/request. J.J. Papovich, 216 Broadway, Westville, NJ 08093. (609) 456-4079, 9 am to 9 pm EDST

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**FOR SALE:** Marconi 1917 trench set, crystal receiver and spark xmtr., near mint - \$6000 plus air freight. Sun-Hemmi slide rule, 22" long w/case, made in occupied Japan - \$35 plus \$5 UPS. Paul Giganti. (415) 593-4723

**FOR TRADE:** Hallicrafters S-15 Sky Challenger & sprk. for your FADA 115 or 1000 chassis. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

**WANTED:** Tube guitar amplifiers: Fender, Gibson, Ampeg, Vox, Magnatone, Marshall, Leslie. Vintage electric guitars. Warren Dasho, 26 Kingston St., Reading, MA 01867. (617) 944-0470

**FOR SALE:** Clarion, Crosley, Philco 20, Aero cathedrals. Zenith tombstone. Interesting plastics. Wood horizontals. SASE. Ripley, Box 9374, North St. Paul, MN 55109

**WANTED:** Bound volumes of Sam's Photofacts, Numbers 71-90 and 101-110. Paul Winans, 3915 S.W. Ward Rd., Lee's Summit, MO 64082. (816) 537-6847

**WANTED:** Small Crosley battery sets - Pup, 50, 50-P, 51, 51-P. Mercury 10 Superhet. Radiola VI. Charles W. Rhodes, Journeys End Rd., Vista, NY 10590. (914) 533-2503

## CLASSIFIED ADVERTISEMENTS

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**FOR SALE:** Crosley 51 portable, complete - \$125. 1930 Gernsbach's Radio Schematics - \$25. Plus UPS. Doug Heinmuller, 115 West St., Bar Harbor, ME 04609. (207) 288-4332

**WANTED:** Pre-1950 7" or 3" TV sets, any condition. Early TV magazines/books. Don Hauff, 9988 107th Ave. N, Maple Grove, MN 55369. (612) 425-0089

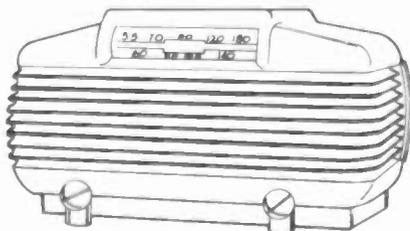
**WANTED:** Rider's books: Aligning Philco Receivers Vol. 1 and 2, Servicing by Signal Tracing. Thomas Bisel, 2266 Halyard, St. Louis, MO 63129

**FOR SALE/TRADE:** J.A.N. tubes, equipment, service literature. U.S. coins. SASE or your list for mine. Robert Morrison, 1640 Mill Oak Dr., Virginia Beach, VA 23464

**FOR SALE:** Chassis for Radiola 25 N/T - \$15 ppd. Rider's Manuals 1-5, abr. 6-15 - \$125 ppd. **WANTED:** Power supply for Radiola 18. Knobs for RCA 121. RCA tubes UX171 A's, UY226, UY227, and others. Send SASE for want list. Brian L. Ruppel, 703 Maple, Lawrenceville, IL 62439. (618) 943-3990

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OHIO 216-349-5000

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Battery radios. 201A tubes. Edison phonographs. List SASE. John Thomas, 58 Albert St. N, Lindsay, Ontario, Canada K9V 4J8

**FOR SALE:** Two Hallicrafters S-120A, 1970, 4-band receivers, solid state, need repair - \$6 ea. plus UPS. Donald J. Sechurek, W191, S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

**WANTED:** Wireless set No. 19, ca. WWII. Especially looking for power amplifier and pocket watch. Chris Bisailion, VE3CBK, RR#1 Old Carp Rd., Kanata, Ontario, Canada K2K 1X7

**WANTED:** Two of each of the following tubes: #6H7S, #6G7S, #35/51. Ernest D.M. Yeaw, RR#3, Tatamagouche, Nova Scotia, Canada B0K 1V0. (902) 657-2554

### CLASSIFIED AD DEADLINES

Jun. 10 for Jul. 1988 Issue

Jul. 10 for Aug. 1988 Issue

Aug. 10 for Sep. 1988 Issue

**FOR SALE:** Receivers: RME-69 needs repair - \$37. BC-312-N with National S-meter - \$45. Technical Radio Co. LRR-6 .53 to 16 MCS - \$75. All w/manuals. Ward Becht, 625 Tufts Ave., Burbank, CA 91504. (818) 842-3444

**WANTED:** Scott McMurdo. Collector would like to purchase sets from the 1930's. Also Arvin Rhythm and Phantom series sets. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

**WANTED:** Radio Recording Disks, Films & TV Kinescopes of classical music, particularly **CHICAGO SYMPHONY**, pre-1965. Steven Smolian, 8807 Postoak Rd., Potomac, MD 20854. (301) 299-2764.

**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

**COMMUNICATIONS RECEIVERS: The Vacuum Era.** Book covers industry history, specs on 700 receivers, 51 company histories, 112 photos. \$14.95 plus \$2.00 P/S. Details SASE. RSM Communications, Dept A, Box 218, Norwood, MA 02062

**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

## CLASSIFIED ADVERTISEMENTS

**WANTED:** Early quack medical violet ray devices. Any such as Master, RenuLife, Parco, etc. Richard Cane, 8391 NW 21st St., Sunrise, FL 33322. (305) 741-6838

**FOR SALE:** Philco table model #37-38, bat. GE table model #L6B, Canadian bat. Delco 32-volt DC table model #3201. Hallicrafters Model #SX62 with Model #R-46 speaker. Hallicrafters Model #S40. Radiola 33 with legs. Jackson Bell cathedral. Clarion Jr. Model #320. FADA Neutrolite, bat. Airline telephone dial, Model #62-617, bat. Falck round top. Stewart-Warner metal box with speaker. Westone table model #70. Arvin table model with record player. 1934 Federal with record player, table model. Two Airline Shadow Dials chassis. Mu-Rad loop antenna, Type L-2. RCA loop antenna. 1940's Chev. car radio, 6v, Model #985695. 1940's Chev. car radio, 6v, Model #986389. 1930 or '40 Delco car radio with steering column mounted controls. 1938 Chev. radio parts. Set of Rider's Manuals 1 thru 23. Jim Stratton, N 6902 Post, Spokane, WA 99208. (509) 328-8471

**FOR SALE:** Radios, parts, tubes, literature available via Stan's Surplus Stuff, not military surplus! LSASE. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520

**WANTED:** AK Model 10 breadboard. Character radio: Mickey, Charlie McCarthy, Hopalong. Trade \$. Richard C. Foster, 12 Shawmut Ave., Cochituate, MA 01778. (617) 655-2056

**WANTED:** General Radio 740-B capacitance bridge manual. Teac R-1000 open reel deck owners' manual. Alan Kriss, 1872 Portsmouth Way, Union, NJ 07083. (201) 688-2092

**FOR SALE:** Phono Needles & Cartridges (ceramic - magnetic). What do you need? J.J. Papovich, 216 Broadway, Westville, NJ 08093. (609) 456-4079.

**TUBES.** Thousands in stock. Send S.A.S.E. for list. Fala Electronics, P.O. Box 1376-3, Milwaukee, WI 53201

**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

**FLYBACKS & YOKES**, new Thorndarson, Merit, Stancor, and Ram. Also Dumont and RCA. 700+ in stock. SASE for list. Vintage TV & Radio, 3552 West 105 St., Cleveland, OH 44111

**WANTED:** American Bosch or RCA table model with SW band, AC preferably w/3 gang condenser, fine wood case, top condition. Also want postwar AM-FM table model, US made w/SW band, wood case. All pix returned. Hillcrest, Box 446, Drayton, SC 29333

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** Novelty transistor radios. Victrola w/ horn by Franklin Creative Products - \$45. French-style cradle phone, Japanese, white plastic with cigarette lighter - \$55. Japanese cabin cruiser, very high quality, mint condition - \$75. Microphone radio, black - \$125. Lionel square tombstone, ca. 1933-34 - \$110. Cathedrals: Philco 60 - \$95; Philco 52, rare, wrong grille cloth, works - \$275; Crosley 157, 10-tube - \$275; Philco telephone dial remote unit, mint - \$45; whiskey bottle radio, Magictone, with bakelite base, glass bottle - \$235. Admiral radio neon clock, excellent condition - \$275. Mickey Mantle-Roger Maris radio, mint - \$550, or trade for Catalin, etc. Mitchell wooden and brass base globe radio - \$325 or trade. Shipping extra. Alan Jesperson, POB 17338, Minneapolis, MN 55417. (612) 727-2489

**FOR TRADE:** Matched set Tyrman audio transformers Type 3-30; 3-50, & 3-51 for AK variometers or varicouplers. A. Faragher, 318 W. 3rd Ave. N, Aurora, MN 55705

**FOR SALE/TRADE:** GE E-61 - \$175. Philco 89 - \$100. Paragon RD-5/A-2. DeForest D-10. Other sets. Wallace Geary, 209 W. Saunders, Mt. Pleasant, IA 52641. (319) 385-2389

**FOR TRADE/WANTED:** Trade or buy Modern Electrics, antique tubes. Please send lists. Good deals possible. Marc Gottlieb, Box 1112, South San Francisco, CA 94083

**FOR SALE:** Cathedrals, some rare. Tombstones. Battery sets. Horns. SASE for list. Don Hovde, 1000 Ashland Ave. #2, St. Paul Park, MN 55071

## CLASSIFIED ADVERTISEMENTS

**FOR SALE:** June special. Only thing left from May ad. AK 55C, looks & works good, less tubes - \$70. Philco maple portable with handle, Model 40-125, 6 tubes inc., 11" w x 8" h x 6 1/2" d, AC, works, looks OK, only - \$69.95. AK 55 power xfmr. - \$20; choke - \$10, filter unit - \$15, other parts avail. Wm. J. Key, W1DWD, 58 Sycamore Dr., Halifax, MA 02338. (617) 294-1831

**FOR TRADE:** Rider's Vol. #8 for #19 and index #11 thru #13, for #6 thru #8. Need manual desperately for TMC-GPR90, copy OK. Frank Maggione, 845 Westtown Rd., West Chester, PA 19382. (215) 436-6051

**FOR SALE:** Hallicrafters SX-115 - \$190. Hammarlund HQ-180 - \$150. Send SASE to receive a 4-page list of old radio catalogs, books, Collins literature, tubes, parts and misc. Jerry Tastad, KB7M, 519 Flint, Laramie, WY 82070. (307) 742-4033

**FOR SALE:** AK Model 10 breadboard with Model M horn speaker and console cabinet. Includes original sales literature and operator's manuals. All are in excellent original condition. \$750 or best offer. James D. Arnold, 224 Brydon Rd., Kettering, OH 45419. (513) 294-1792

**WANTED:** AK breadboards, complete, partial, basket cases. Also parts for same. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

**FOR SALE:** Two antique DC bi-polar motors. Jim Chew, 900 N. 4th St., Jeannette, PA 15644

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## **ARKANSAS - June 2**

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

Ft. Smith, AR - 5401 Free Ferry Rd.  
7:30 pm

Info: Ed Stewart (501) 785-1116

## **OREGON - June 11**

**NORTHWEST VINTAGE RADIO SOCIETY  
EQUIPMENT DISPLAY**

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

## **W. VIRGINIA - June 8-11**

**ANTIQUÉ RADIO CLUB OF AMERICA  
1988 CONVENTION**

S. Charleston, WV - Ramada Inn  
Second Ave. & B Street (I-64, Montrose Exit)

Every Day: Open-Air Trader's Market  
(except during auction)

### **SPECIAL EVENTS**

Wednesday - June 8  
Tours of local attractions

Thursday - June 9  
Programs: Meet the A.R.C. & A.R.C.A.  
Editors & Writers, First Airliner Radio,  
KDKA-"It All Began Here"

Friday - June 10  
Equipment Contest  
Programs: Hertz Experiment

Catalin Story, Show & Tell  
6 pm - Banquet

Saturday - June 11  
7 am - Auction Check-in  
8:30 am - Auction  
1 pm - Open-Air Trader's Market  
2:30 pm - ARCA Members Meeting

Info: Geoff Bourne  
405 8th Ave., St. Albans, WV 25177

## **MARYLAND - Jun 18**

### **MID-ATLANTIC ANTIQUÉ RADIO CLUB MEETING**

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

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

## **CALIFORNIA - June 29**

**CALIF. HISTORICAL RADIO SOCIETY  
MEMBERSHIP MEETING**

Los Altos Hills, CA - 8 am  
Electronics Museum, Foothill College

Info: Paul Bourbin, 25 Greenview Ct.  
San Francisco, CA 94131 - (415) 648-8489

## **GEORGIA - July 9-10**

**ANTIQUÉ WIRELESS ASSOCIATION  
SOUTHEAST REGION CONFERENCE**

Atlanta, GA - World Congress Center  
(in conjunction with Atlanta Ham Club)

Info: Don Patterson, (404) 738-7227  
Larry Flegle, (404) 928-3022

## **TEXAS - June 17**

**VINTAGE RADIO & PHONOGRAPH  
SOCIETY - SPRING AUCTION**

Irving, TX - Irving Garden Center  
10 am - For Early Birds  
1 pm - Auction

Info: George Potter, 2016 Sienna Trail  
Lewisville, TX 75067

## **NEW YORK - August 6**

**NIAGARA FALLS WIRELESS ASSOC.  
& AWA - SUMMER MEET**

Elma, NY - Elma Conservation Center  
Creek Rd. (off Stolle Rd., off Rt. 354)

10 am - Flea Market  
10 am - 2 pm - Contest  
12:30 pm - Dinner  
(reservations before July 30)  
1 pm - Program: Collecting

Info: James Kreuzer, 6270 Clinton St.  
Elma, NY 14059 - (716) 681-3186



# COMING RADIO EVENTS



## MICHIGAN - July 22-23

### MICHIGAN ANTIQUE RADIO CLUB EXTRAVAGANZA '88

Lansing, MI - Dillon Inn, 525 Canal Rd.

Friday - July 22

Noon - Flea Market

7:30 pm - Auction- Programs

Saturday - July 23

Dawn - Flea Market

8 am - Equipment Contest

10 am - Program: Radio Repair Clinic

Noon - Luncheon

2 pm - Program: "The Lone Ranger"

Info: Jim Clark, 1292 Starboard  
Okemos, MI 48864 - (517) 349-2249

## ILLINOIS - August 11-13

### ANTIQUE RADIO CLUB OF ILLINOIS & AWA - RADIOFEST '88

Elgin, IL - 345 River Rd  
(I-90 at Exit 31 South)

Flea Market - Tour Muchow Museum

Thursday, Aug. 11 - Flea Market

Friday, Aug. 12 - Flea Market  
11:30 am to 5 pm - Equipment Contest  
Evening - Awards Banquet

Saturday, Aug. 13 - Flea Market

Info: Jeff Aulik, 803 N. Chicago Ave.  
Rockford, IL 61107

## NEW ENGLAND

### NEW ENGLAND RADIO CLUB

Forming New Club for anyone interested in  
Antique and Collectible Radios  
We need your help and input.

For info: Send SASE to Marty Bunis  
422 Day St., Manchester, NH 03104  
(603) 623-8996

## MARK YOUR CALENDARS

- June 2 - AR, Ft. Smith - ARCCFS \*§
- June 8-11 - WV, Charleston - ARCA \*
- June 11 - OR - NVRS \*§
- June 15 - CA - SHRS §
- June 17 - TX, Irving - VRPS \*
- June 18 - MD, Laurel - MAARC \*§
- June 29 - CA, Los Altos - CHRS \*
- July 9-10 - GA, Atlanta - AWA, SE Region \*
- July 16 - CA, San Francisco - CHRS
- July 22-23 - MI, Lansing - MARC \*
- Aug. 6 - NY, Elma - NFWA & AWA \*
- Aug. 11-13 - IL, Elgin - ARCI Radiofest '88 \*
- Aug. 20 - CA, Burbank - SCARS
- Sep. 21-25 - NY, Canandaigua - AWA
- Oct. 21-23 - TX, Dallas - VRPS
- Nov or Dec - FL - AWA

\* See Ad this month on these pages.  
§ Monthly Meeting.

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

## RADIO CLUB LISTINGS

*ANTIQUÉ RADIO CLUBS: Send club and meet  
information to A.R.C. for free listing here, as  
space permits.*

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

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

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

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

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

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

**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 Area Antique Radio "Club."** Dave Crocker, 6 Old Farm Road, Duxbury, MA 02332. Informal organization. One Winter and one Spring meet each year.

(Continued)

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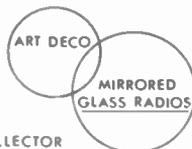


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**MORE RADIO CLUB LISTINGS**

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

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

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

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

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

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

**Niagara Frontier Wireless Association (NFWA).** Dick Schamberger, P.O. Box 68, Central Park Station, Buffalo, NY 14215. Pub: *NFWA Chronicle*, quarterly. Dues: \$6.00. Re-

gional meets.

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

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

**Pittsburgh Antique Radio Society, Inc. (PARS).** David W. Krauter, Secretary, 506 E. Wheeling St., Washington, PA 15301. Pub: *The Pittsburgh Oscillator*, quarterly. Dues: \$10. Quarterly meetings.

**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 Gravilla 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. Pub: *The Reproducer*, quarterly. Dues: \$13.50. Monthly meetings, Spring Auction, Annual Convention.

*Please mention A.R.C. when writing clubs.*

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## Item #1 – FIRTH CRYSTAL SET

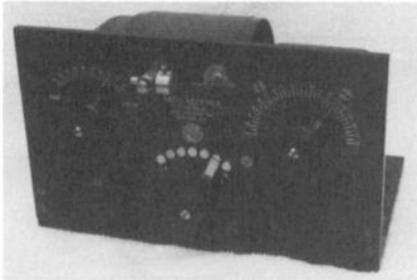
### Model 35-B Crystal Receiver – 1922

As described in a John Firth & Co. advertisement: "35-B Receiving set. Consisting of crystal detector, variocoupler and condenser. Panels built entirely of bakelite. All terminals mounted on back of instrument." See Radio Age, November 1985, for more information on Firth sets.

There is no cabinet as this unit was sold without one. The unit is in excellent condition other than coil windings a bit dirty. All original except perhaps a binding post or two.

Seller: Jim Kreuzer

For info call: (716) 681-3186



## Item #2 – KENNEDY PORTABLE

### Model 311, 1-Tube Portable Receiver – 1923

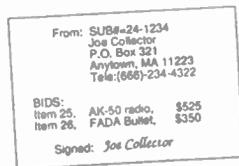
The 1-tube receiver is in an oak box with hinged lid, instructions in lid and metal label. The receiver is on the left with controls for Tuning (condenser), Fine Tuning (single-plate condenser), Volume (variocoupler), Tube Control (rheostat) and Wave Length (switch). A good WX-12 tube is included. The compartment on the right is for batteries. Very good condition except for a few small cracks in the lid and a previous owner's name written on the bottom of the cabinet in permanent marker.

Seller: John V. Terrey.

For info call: (617) 369-9770



*Your bid post card should look like this:*



### INFORMATION FOR BIDDERS

1. Only subscribers may submit bids.
2. Bids will be accepted only on postcards. (Postcards are used to provide a written record of bids; postmarks are used to break tie bids and disqualify bids mailed after bidding has ended.)
3. Your bid postcard must include your SUB#, name, address, telephone #, item #, item description, bid amount and be signed as shown. Please, no ads, etc. on bid cards. Mail bid postcards to **A.R.C., P.O. Box 2, Carlisle, MA 01741.**
4. No telephone bids. Telephone and all other non-conforming bids will be disqualified.
5. It is OK to call the seller for information about the item, but bids may be made only by mail to A.R.C. (The seller has agreed to "no private deals.")
6. High bids (with its SUB#s) and other auction information are available only on the answering machine on (617) 371-0512.
7. Bid increments are as follows: under \$1000: \$10; over \$1000: \$25 (\$360 & \$1175 are OK; \$365 & \$1180 are not). Invalid bid amounts will be lowered to the next valid bid amount.
8. Bidding will cease on each item as determined by A.R.C. The winning bidder will be notified and must submit payment in full within 10 days to A.R.C. Packing & shipping costs will be paid by the buyer.
9. Items may have minimum bids which, in the opinion of A.R.C., are not unreasonable.
10. A.R.C.'s decision on all aspects of the auction are final. All rules are subject to change at any time. All transactions are between the buyer and the seller; A.R.C. makes no guarantees of any kind.

## ENTER YOUR SET IN THE A.R.C. AUCTION. 3000+ POTENTIAL BIDDERS!

### WRITE FOR INFORMATION

A few items will be accepted for the A.R.C. Auction each month. Write to A.R.C. and ask for the *Auction Entry Form* which also lists seller information and fees. All items must be in better than average condition and probably valued at over \$300. Clear photos must be available. Once an item is entered into the A.R.C. auction, it cannot be sold privately or withdrawn.



# DISPLAY ADVERTISEMENTS

WANTED: BOOK

TITLE:

Radio Engineering

AUTHOR:

Terman

Buddy Hirsch

P.O. Box 608

Washington, MO 63090

## FOR SALE PHILCO DIAL SCALES

Models: #37-38, #37-60,  
#38-60/125, PT#27-5196  
\$10.00 each

#37-89, PT#27-5204  
\$10.00 each

#20 "S", #60, PT#27-5024  
\$8.00 Eyeleted to your ring.

#37-84/122, PT#27-5197,  
#37-84, #37-93, #38-93, PT#27-5280  
or 27-5210.

#84 Square PT#27-5031  
#84 Round PT#27-5210/5280  
\$7.50 each

ALL PLUS: \$1.50 SHIP/INSURANCE

ANTIQUE RADIO RESTORATIONS  
635 S. LINCOLN AVE., O'FALLON, IL 62269



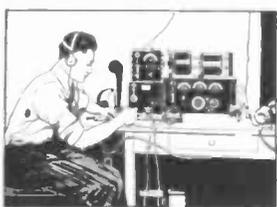
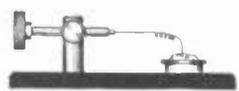
## 1988 <sup>NEW</sup> WHOLESALE CATALOG

Your most complete source for tubes, parts, books, and supplies for early radio restoration. Write or call for 22 page wholesale catalog.

ANTIQUE ELECTRONIC SUPPLY  
688 W. First St., Tempe, Arizona 85281, 602/894-9503



# WANTED



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

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

*New Wireless Pioneers*



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

## rainy day books



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

frank bequaert  
lucia bequaert

### Technical Books Catalogs and Magazines Bought and Sold

Radio - Wireless - Telephone  
Television - Broadcasting  
Electricity - Electronics  
Radar - Electric Power

QST, CQ, 73, 1930s to 1970s  
Tube manuals, 1950s, '60s

Send SASE with specific interests  
for list of items for sale.



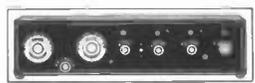
**WAVES**  
ANTIQUES  
EARLY RADIOS  
&  
PHONOGRAPHS  
78 RECORDS  
BOUGHT • SOLD  
OPEN 12 6  
CLOSED SUN & MON

32 EAST 13TH ST. NEW YORK N Y 10003 212 989 9284  
PROPRIETORS Bruce and Charlotte Mager

### THIS MONTH'S SPECIALS:

1. Missouri Radio Corp., 1-tube radio...\$165
2. "On The Air" Book Radio ..... 95
3. Zenith Cobra Record Demonstrator,  
working .....150
4. "Stromberg-Carlson Authorized Radio  
Apparatus" Brass Desk Sign .....145
5. Morris Crystal Radio (1950's) NIB.....65
6. Home-Brew Crystal Set with phones.... 50
7. Send SASE for large list of paper for sale!

**SEE OUR FULL PAGE AD ON PAGE 48  
FOR 130+ ITEMS FOR SALE.**





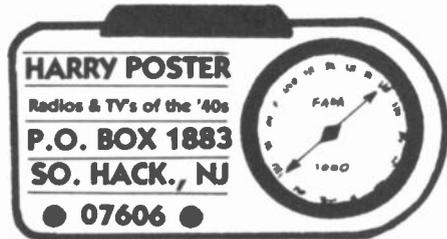
# DISPLAY ADVERTISEMENTS



**1 100 Sq. Ft!**  
~~800~~ **Square Feet of TV's & TV-Related Items**  
**For Sale or Trade.**

Located in Mid-New Jersey at the intersection of the Garden State Parkway and N.J. Turnpike.

We repair early B&W's  
 We now stock  
**over 300 TV's**  
 Buy - Sell - Trade!



Daytime Telephone: (201) 794-9606

**SELLING—SELLING—SELLING—SELLING**  
 Back from Indiana, with a load of TV chassis!

	<u>Chassis, As Is</u>	<u>Chassis w/CRT</u>	<u>Restored</u>
DuMont RA103.....	\$25	\$35	\$105
Motorola 7 inch.....	30	55	130
Sentinel 7 Inch.....	30	55	130
Raytheon/Belmont 7 inch.....	35	55	130
RCA 630 TS.....	40	60	150
RCA 721 TS.....	30	50	125
RCA 8TS30.....	30	50	125

**BUYING — BUYING — BUYING — BUYING**

**Paying for TV's . . .**

- Over \$1000-Any pre-1943 Television
- \$35-\$600 Many Pre-1960 TV's
- \$100-\$200 Pilot 3" TV-37
- \$100-\$200 Hallicrafters 7"
- \$50-\$150 Unusually styled '60's and '70's sets

**Paying for Radios . . .**

- \$10,000 Sparton Nocturne
- \$1,000 Emerson Mickey Mouse
- \$1-\$3,000 Air King Tombstone
- \$600 up World's Fair, Century Progress, etc.
- \$CATALINS - Will beat most offers

Buying Stereoscopic "3D" Cameras...Including Realist, View Master, Tru-Vue

**WILL BE AT CHARLESTON IN JUNE---See you there!**

GET THE MOST FOR YOUR MONEY: Call us BEFORE you SELL . . and BEFORE you BUY!

ALWAYS BUYING: Plexiglass, Mirror, Lucite, Cyart, Glass, Chrome, Catalin and Novelty Radios, and TV books plus TV novelties and TV's, TV's and more TV's!

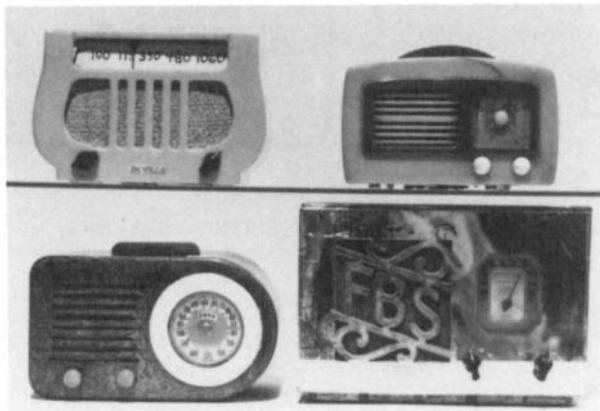
**Member AWA-ARCA-PARS-MAARC-MARC-VRPS-NFWA-NZVRS-HRSA**



## RARE RADIO AUCTION

Saturday - June 18, 1988 - 1 pm

Mid-Hudson Galleries  
P.O. Box 305, 1 Idlewild Ave.  
Cornwall-On-Hudson, NY 12520  
(914) 534-7828 (24 hours)



Air King - Arvin - Blue Mirrored Glass - Chrome  
FADA Bullet - FBS Peach Glass - General Corp.  
Sentinal - Sonora



*Send for Illustrated Catalog - \$10 ppd.  
10% buyer's premium  
Absentee bidding accepted*

# MID-HUDSON AUCTION GALLERIES

ONE IDLEWILD AVE., CORNWALL-ON-HUDSON, NY 12520 (914) 534-7828



# DISPLAY ADVERTISEMENTS

## Everyday low prices on components

Supersedes all previous price listings. Prices and availability subject to change.

6L6GC General Electric \$7.95  
 6U5 eye tube new USA made 7.95  
 6DS4 Nuvistor, used/tested 3.95 New 7.95  
 Lambda 5V filament supplies, new, call for low price  
 Giant 500+pc cap kit w/ cabinet \$55.95  
 180 pc 600 volt cap kit, full lead & "Greenies"  
 .001 to .1 uF, extra .001, .047, .1 \$24.95  
 200 pc. 400 volt kit, full leads, new factory surplus,  
 .001 to .47 uF, \$14.95  
 190 pc ceramic caps 500-1000V 100 to 4700 pf  
 full leads, most temp. stable \$9.95  
 47 uF-400V axial lead electrolytics .75 each  
 160V axial lytics 10,25 uF .40 47,100 uF .25  
 20-20-20-20 @ 450V cans, fresh stock .95 ea.  
 40-40-40 @ 200V cans, Mallory .49 each  
 50 asst polystyrenes 75-8200 pF 1.95  
 450V axial lytics 10uF .75 20 uF 1.20 40 uF 1.40  
 25 asst mica trimmer caps for radios 1.49  
 100 asst 5-10% 1/2 watt resistors 1.69  
 Giant resistor kit, 1500 5-10% full lead 1/2  
 watt +200 1-2 watt w/ cabinet \$28.95  
 Hobby kit, 300 pc 5-10% full lead 1/2 watt  
 with storage case \$8.95  
 Power kit, 180 pc asst. 2 to 7 watt oxide  
 resistors w/ cabinet \$17.95  
 100 asst. volume controls 5.95  
 10 asst. dual & stereo controls 1.29  
 10 asst. Auto controls, OE surplus 1.59  
 8 asst. rotary/round AC switches .95  
 15 asst. volume/tone control knobs for  
 postwar AC/DC radios, NOS 1.95  
 Large white phono knob ON-OFF-REJ .49  
 Ceramic phono carts, for sid. 1/2" mounting  
 3 or .85V mono 33-45 needle 4.95  
 78 RPM diamond needle for above 4.95 each  
 Clock radio clock knobs, push-on, setscrew types,  
 various colors, 30 assorted for .95  
 35 asst Knob springs for pushon knobs.95  
 Asst. fiber speaker/phono plugs/jacks for 1930's-  
 1940's radios, 2 to 6 prong 15 pcs 1.49 40 pcs 2 95  
 16 asst Rubber bumper feet .95  
 50 asst Rubber grommets .95  
 5 asst. Pilot Light sockets w/ leads. .95  
 Tube sockets, 4 pin .49, 5 pin .49, Octal .39,  
 9 pin mini .29, 7 pin mini .19, 9 pin compactron .50  
 12 pin compactron .50 each  
 ACDC radio output transformers, for 25L6, 50L6,  
 25C5, 50C5, 35C5, 50B5, etc 1.95 each  
 150 ft hookup wire, 6 styles asst. 2.75  
 20 asst. capacitor mounting plates .95  
 24 asst solder lug terminal strips .95

**ADD SHIPPING (\$2 MINIMUM) \$5 minimum order. US FUNDS ONLY.**

**Illinois Residents add 8% sales tax. Send \$1 for current sale catalog**

**TRIODE ELECTRONICS**

Phone (312)871-7459

2 lbs asst Self-tapping screws 1.49  
 2 lbs asst Radio hardware 1.29  
 200 asst Wood screws, w/ storage case 1.95  
 200 asst Solder/terminal lugs, storage case 1.95  
 320 asst Machine screws/nuts, 6-32, 8-32, case 2.95  
 275 asst Sheet metal screws, w/ storage case 1.95  
 200 asst. Washers, w/ plastic storage case 1.95  
 Loktal tubes new, your choice 14A4, 14B8, 14C7  
 14E7, 14F8, 14J7, 14N7, 14S7, 14W4, 14Y4 .25 ea  
**Oelrich Publications**  
 No. 100 Radio-TV Cash Sales books, 50 triplicate  
 copies with carbons 1.79 each  
 No. 44 TV service book, 50 dup copies 1.40 each  
 No. 107 Radio TV job ticket book, 100 card tickets  
 with set & claim check 4.95  
 No. 209 Radio Service work sheet books, 50 large  
 duplicate work sheets (limited supply) 1.95 each  
 No. 501 Tube sales receipt books, 8 duplicate  
 receipts per page (limited supplies) 1.75 each  
 15 watt output transformers, NOS, 8000 ohm CT  
 to 3.2 ohm voice coil 2 3/4" mounting centers 3.95  
 10 assorted small output transformers 8.95  
**Plate Caps**, insulated, for 807, 6146 etc. .39 each  
**Grid caps**, insulated, insulator removable .19 each  
 20 asst 7-9 pin tube sockets 1.69  
**GC Test sockets**, plug in set & plug tube in it to  
 check voltages w/ chassis down, 1 each octal,  
 7 pin mini, 9 pin mini socket, 4.95 per set  
 600 volt mylar full lead capacitors, guaranteed  
 prices per 100 pieces-.001 -4.00, .0022-6.00  
 .0027-8.00, .0039-8.00, .0047-8.00, .01-10.00  
 .022-10.00, .033-10.00 .1-15.00  
 400 V .01, .022, .027, .033-7.00 .047, .1, .25-10.00  
 25 & 50V cathode bypass caps 10,22,50 uF .12 ea  
 NOS IRC tapped volume controls with universal  
 plug in shafts 250K, 1 meg, 2 meg .95 each  
 Non-tapped controls with universal shafts, 3K, 5K,  
 7.5K, 10K, 15K, 25K, 44K, 75K, 100K, 200K,  
 250K, 350K, 1 meg, 2 meg, 3 meg .75 each  
 AC switches for above, limited supply 1.50 each  
 3/8" volume control nuts pkg of 50 .95  
 AC power transformer 675VCT 90 ma, 5V2A,  
 (2) 6V 1.5A 31B" X 3 3/4" horiz mount 9.95  
 AC power transformer 334VCT 25ma, 6V 5A,  
 2 1/2" X 3" horiz mount, tuner-preamp type 6 95  
 8 asst UL listed Mylar AC line filter caps  
 150 to 400 VAC 1.95  
 10 asst band/channel switches 1.95  
 NEW Genuine Astatic 97-2 Wurlitzer-Zenith  
 cobra phono cartridges, "all speed" 45 or 78 RPM  
 very limited supplies, 7.95 each

Box 148794 Chicago, IL 60614 USA

# WANTED

## ELECTRON TUBES – ST SHAPE

50, ST19, large size .....	\$30
80, ST14 .....	4
45, ST14 .....	15

## ANTIQUÉ GLOBE SHAPE TUBES

37/237, not ST shape .....	5
145/245/345 .....	15
250/350/450 .....	30
56/256/356, not ST shape .....	5
80/280/380, not ST shape .....	10
210/310 .....	10
UV201, top tip, brass base .....	12
UV202, top tip, brass base .....	25
UV216, top tip, brass base .....	20

## TRANSMITTING TUBES

211/VT-4C/RS237/TM100 .....	15
845/845W .....	30

## WESTERN ELECTRIC TUBES

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

*NOTE: All above prices are for "New, in Original Box" tubes.*

*As for "Used" tubes, write for details.*

## TUBE SOCKETS

UX4P 2A3, 45 Ceramic .....	\$2; Micanol .....	\$1
UY5P 27, 76 Ceramic .....	\$2; Micanol .....	\$1
WE 116A/116B, 117A/117B .....		\$8
Large 4P, 211, 845 EF Johnson .....		\$8
UX4P, UY5P James Millen, Cinch, National, EBY, American Phenolic		

## TRIAL ELECTRIC PRODUCTS, INC.

409 Yotsuya Sun Heights, 6-1 Yotsuya 4 Chome, Shinjuku, Tokyo 160 Japan

# CLASSIFIED ADVERTISING POLICY

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

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

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

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

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

## CLASSIFIED AD DETAILS

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

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

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

### Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE\***

10¢ per word for extra words over 20 plus

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

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

Non-Subscribers:

20¢ per word plus

10¢ per word for shaded ad.

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

## BOXED CLASSIFIED AD DETAILS

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

Minimum run is 3 months, prepaid.

### Boxed Classified Ad Rates per Month

Nonshaded ads:

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

10¢ per word for each bold word plus

10¢ per word for each all-caps word.

Shaded Ads:

22¢ per word for all words\* plus

10¢ per word for each all-caps word.

Note: All words in shaded ads are bold.

Non-Subscribers:

Add 15¢ per word to above costs.

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

## PHOTO & DRAWING DETAILS

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

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

### Photo and Drawing Rates per Month

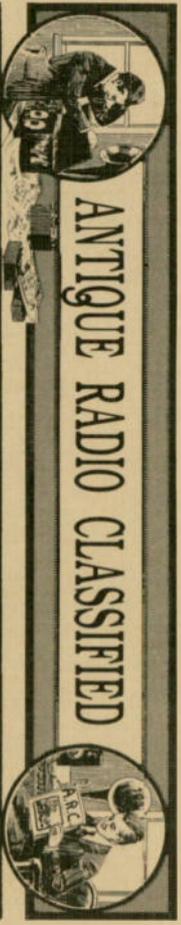
\$5.00 per month for each photo or drawing

## IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: **WANTED, FOR SALE**, etc., count as one word each time used in an ad.

Name, address and (one) telephone number, count as 6 words, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. (Note: "Jim, (111) 111-1111" also counts as 6 words.) So, please include complete name and address in your ads.

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



SECOND CLASS  
POSTAGE PAID  
at Carlisle, MA

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

RETURN POSTAGE GUARANTEED

**TO:**

SUB# = 28-722  
CLARENCE E. FILLEY  
1109 SOUTH 2ND ST  
HAMILTON  
MT 59840  
EXP=NDV90

POSTMASTER: Deliver Promptly

**CLASSIFIED AD  
DEADLINE JUNE 10TH**