



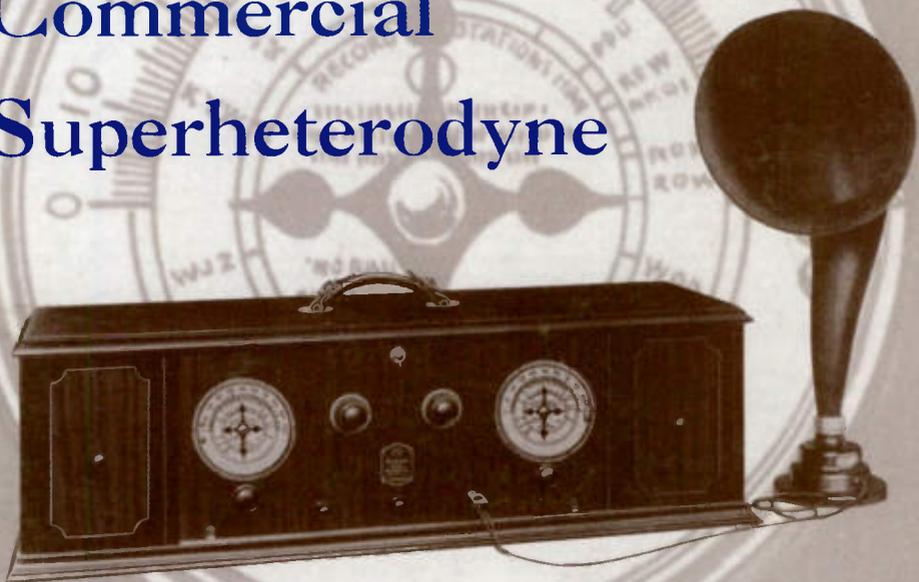
VOLUME 17

JULY 2000

NUMBER 7

# RCA AR-812

## The First Commercial Superheterodyne



A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS  
OF OLD RADIOS AND RELATED ITEMS — PUBLISHED MONTHLY

## ANTIQUE RADIO CLASSIFIED

Antique Radio Classified (ISSN:8750-7471) is published monthly, 12 times per year, by John V. Terrey, One River Road, P.O. Box 2, Carlisle, MA 01741. Periodicals postage paid at Carlisle, MA, and additional mailing offices. Telephone: (978) 371-0512, 8:30 AM to 5:00 PM ET weekdays; machine answers phone at other times.

Annual subscription rates within the U.S. are \$39.49 by Periodicals mail and \$57.95 by First Class mail.

Annual foreign rates. By air: Canada - \$61.00; Mexico - \$67.00; Other foreign countries - \$105.00. Surface mail: Canada - \$51.00; Other foreign countries - \$58.00. (Surface delivery to countries other than Canada may take two or more months and cannot be guaranteed.)

Two-year subscriptions are twice these rates and receive an extra month. Sample issues are available free on request.

© Copyright 2000 by John V. Terrey.

POSTMASTER: Send address changes to Antique Radio Classified, P.O. Box 2, Carlisle, MA 01741.

Printed in U.S.A.

### STAFF:

Publisher and Editor: John V. Terrey

Assistant Publisher: Cindie Bryan

Managing Editor: Dorothy Schecter

Circulation Manager: Tammy DeGray

Advertising Manager: Cindie Bryan

Office Manager: Tammy DeGray

Publishing & Editorial Staff:

Malaika Brodeur, Dave Crocker, Bobby Lyman

Founding Publisher/Editor: Gary B. Schneider

Contributing Writers & Consultants: Mike Adams, Richard L. Arnold, Richard Begbie, Ray Bintliff, Paul J. Bourbin, Norman Braithwaite, Dave Crocker, Dick Desjarlais, Alan Douglas, Richard Foster, Fred Geer, Jim Kreuzer, Ron Ramirez, Gary Schneider, Daniel Schoo, Frank White, Ralph Williams, Walter Worth

**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.

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

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

Only UPS, Federal, etc. items to street address: One River Road.

Telephone: (978) 371-0512; Fax: (978) 371-7129

E-mail: ARC@antiqueradio.com - Web: www.antiqueradio.com

Please, no classified ads by telephone; thanks.

Your ads, renewals, letters, etc. can be handled faster and more efficiently if your name, address and SUB# are written on each.

Unfortunately, A.R.C. is not staffed to answer all letters with questions about antique radios or requests for advice. However, A.R.C. does solicit letters of interest to its readers and publishes them as space permits. (See "Publishing Rights" paragraph.)

**GUARANTEE.** You may cancel your subscription at any time and receive a pro rata refund for issues not yet mailed. If errors to ads are made by A.R.C., upon request a free correction

will be run in the next available issue.

**PAYMENT.** Please send in full payment with your order or ad. A.R.C. does not carry accounts; all subscriptions, ads, etc. must be prepaid (except for the 6 and 12 month display ads indicated below). Pay in U.S. funds. Checks drawn on a U.S. bank, money orders, VISA or MasterCard (\$10.00 min.) are preferred. Make check out to "A.R.C." U.S. stamps or cash are OK for small amounts. Canadian payers may send a Canadian check but specify U.S. funds. Subscriptions will be prorated to amount sent if amount is incorrect.

**FAX & E-MAIL PROCEDURES/PAYMENT.** Subscriptions, book orders, classified ads, display ads, etc. are welcome by fax or e-mail. Deadlines are the same as for ads received by mail. Please calculate the amount due. Payment by VISA or MasterCard is preferred if your order is over \$10. If under \$10, or if you prefer to send a check or money order, state the amount being sent and that the payment is in the mail. Do not send another copy of your ad with your payment; simply indicate that it is a fax or e-mail payment. If you want confirmation of our receipt of your fax, call immediately after sending your fax.

**CHANGE OF ADDRESS.** Please notify us 4 weeks in advance of a change of address. Send both your new and old addresses, and include your SUB# and effective date of your new address. Temporary address changes can be made also.

**SUBMISSION OF MATERIAL.** Antique Radio Classified welcomes and solicits information that pertains or relates to radio history or collecting. This may include articles, book reviews, photos, information on upcoming radio events, meetings, antique radio organizations, radio auctions, sources of old radio and restoration supplies, and other related and interesting material. All material submitted should be carefully researched, typed and accompanied by good photos, if appropriate. Computer disks are appreciated. Writing guidelines are available upon request.

**PUBLISHING RIGHTS.** Unless other arrangements are made: (1) All received materials (ads, articles, letters, correspondence, e-mail, photos, artwork, etc.) become the property of A.R.C. may be edited, combined with other material, published, and will not be returned. (2) For all received materials, A.R.C. is granted publishing and reprint rights in all forms of media including the monthly printed magazine, internet, etc. (3) Publication is subject to approval by A.R.C. and to time and space constraints.

**MAILING OF ISSUES.** U.S. subscribers can receive A.R.C. by First Class or Periodicals mail (Periodicals is the way most magazines are mailed). The mailing of First Class copies is staggered with faraway copies mailed before local copies. Non-U.S. copies are mailed on the first day. Periodicals copies are mailed on the last day. Mailing dates change each month, but mailing is usually completed by the 27th of the month. First Class copies usually are received by the 5th of the month; copies by Periodicals mail, by the 10th.

**ETHICS.** No person involved in the production of A.R.C. is to act on any information in the magazine until the first delivery day after local copies are mailed.

**DISCLAIMER.** The publisher is not responsible for any buying and selling transactions incurred, or for any other use of the contents of this publication.

Antique Radio Classified subscription rates, frequency of publication, content, policies, size and ad details, and rates are subject to change at any time by A.R.C.

## DISPLAY AND BUSINESS CARD ADS - DETAILS AND RATES

The deadline is the first of the month for display and business card ad artwork, payment and repeat requests.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

Advertising must be prepaid, except as noted below; see "Payment" paragraph above for details. Late ads will be run only if space and time permit. Since artwork is reduced to 63% in the printing process, originals must be the artwork size listed below. Do not send in artwork on art board or send negatives. Ads should be typeset or typed neatly with a carbon ribbon, black ink (not pencil) on white. If used, reverse type must be limited to 25% of the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Photos should be at an 85-line screen; otherwise, add \$16.00 per photo for screening. Do not cut or trim photos or glue photos to artwork; submit separately.

If you are confused by these requirements and terms, please

contact A.R.C. before beginning to prepare your ad. We will be happy to advise you on your ad ideas, estimate how much the ad will cost, recommend an ad size, etc.

We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will run beginning with the next month. "Tear sheets" will be sent only for 1/8-page or larger ads and only if requested when the ad is submitted.

**First business card per advertiser is at lower rate.**

The 3-month rates represent about an 11% discount, the 6-month rates 23%, the 12-month rates 30%. Placement requests: add 15% but call first. Clubs: write for discount policy.

Page	ARTWORK SIZE (SEND IN THIS SIZE)		As Printed (size in magazine)		Cost for 1-month	Cost for 3-months	Cost for 6-months	Cost for 12-months	One Time to Make up Ad
	H x W (inches)	H x W (inches)	H x W (inches)	H x W (inches)					
Full	12 7/16 x 7 1/2	7 3/4 x 4 3/4	3 5/16 x 4 3/4	7 3/4 x 4 3/4	\$289.00	\$769.00	\$1329.00*	\$2325.00**	\$69.00†
1/2 H	5 1/4 x 7 1/2	3 5/16 x 4 3/4	1 7/8 x 2 1/4	3 5/16 x 4 3/4	146.00	389.00	675.00*	1175.00**	37.00†
1/2 V	12 7/16 x 3 9/16	7 3/4 x 2 1/4	1 7/8 x 2 1/4	7 3/4 x 2 1/4	146.00	389.00	675.00*	1175.00**	37.00†
1/4	5 1/4 x 3 9/16	3 5/16 x 2 1/4	1 7/8 x 2 1/4	3 5/16 x 2 1/4	74.00	197.00	342.00	595.00	19.00†
1/8	2 5/8 x 3 9/16	1 5/8 x 2 1/4	1 5/8 x 2 1/4	1 5/8 x 2 1/4	38.00	101.00	177.00	305.00	9.00†
Business Card (1st)	2 x 3 3/4	1 1/4 x 2 3/8	not avail.	1 1/4 x 2 3/8	not avail.	53.00	90.00	159.00	7.00†
Business Card (2nd....)	2 x 3 3/4	1 1/4 x 2 3/8	not avail.	1 1/4 x 2 3/8	not avail.	68.00	118.00	205.00	7.00†

\* Full & 1/2 page, 6-mos.: 1/2 due with order; 1/2 due in 3 mos. \*\* Full & 1/2 page, 12-mos.: 1/2 due with order; 1/4 due at 3, 6 & 9 mos.

† For 6 and 12 month ads, no ad make-up charge if no change is made to ad for entire run.



# ANTIQUE RADIO CLASSIFIED



## EDITOR'S COMMENTS

Whoever once talked about the "lazy days of summer" didn't know about radio collectors and the meet season. The rumblings begin in April and May with multiday events like the Military Radio Collector's Meet in California, the HVRA Mega Auction in Texas, and Radio Daze in Minnesota. But, by June, collectors are wholly out of hibernation and anticipating Extravaganza in July, Radiocfest in August, the AWA convention in September, and the VRPS Convention in November, interspersed with many other meets and auctions.

This is the time of year when collectors realize once again the value of face-to-face exchanges. Unlike dealing on the Net, at a meet we can see before we buy and walk away with the prize. Meets bring us together, and we come to know sellers and their products and develop confidence in the transactions.

The good news this season is that many clubs are moving to long-weekend meets, so that more people can attend without taking too much time away from jobs. More people then will enjoy the real pleasure of meets — the opportunity for camaraderie, ranging from haggling in the flea market to dining at the more formal banquets, bidding in the auctions, learning what's new and old at the seminars, and perusing the outstanding contest displays.

Such a display might be a "mighty superhet," the subject of Bill Corkutt's lead article. Bill reminds us of how the superhet revolutionized radio and remains the basic principle used by all radios today. Most collectors know about the superhet and the names Armstrong and Leutz, but how about the Ultradyne and the Tropadyne and the names LaCault and Fisk? Bill covers these home-brew and kit-built sets, which were so important to the average household budget of the times.

Interest in military collecting is obviously on a steady rise, and Louis D'Antuono's article on the BC-348 used in the B-17 Flying Fortress reflects this trend. Reasons for this interest include the fact that so much of it is available, as it was sold at surplus after World War II and the Korean War. The folks who served in these wars or who are interested in their history enjoy making the equipment work again.

When you look at the back of the Pilot "All-Wave" radio, the subject of Frank Moore's article, you will see two separate chassis sitting there. What Pilot had done was to widen a cathedral cabinet to accommodate a chassis and a shortwave converter, both of which they already manufactured. A unique looking set resulted.

More good news — Ray Chase is back on the auction trail and reports on two general auctions containing radios. Ray's reports remind us that outstanding, even rare, items, can show up at these auctions. Also, the solid prices indicate that serious collectors were there, even though advertising might not have been prevalent, and radios were only a part of the whole auction. Conclusion: don't overlook general auctions.

Richard Estes also continues to hold successful auctions for both buyers and sellers. His report indi-

cates that over 200 bidders brought \$27,000 in sales in his winter auction. The next Estes Auction on July 15 will be worth attending.

Richard Arnold combines some interesting history of the Philco Company with a description of the Model 39-25. This is an attractive Deco table model popular in the early 1940s and still collectible today.

Two short articles cover interesting topics. One by John Byms and Ed Ripley is a follow-up on Ed's article on the evolution of the AM band in the December 1999 issue of A.R.C. As always we welcome further discussion of article topics.

The second article is by Dale Davenport on an amusing subject — Pepsi Cola and Champagne bottle radios sold at discount because of the defective glue on the labels. Apparently, product recall was not as common as it is today.

Daniel Schoo's article inspires a little alliteration — Schoo is not shy — especially when it comes to taking on a challenge. His past restoration and repair topics included IF transformers, galena detectors, and selenium rectifiers — all tough nuts to crack. Now he turns to rotary wafer switches. Why? Well, if you've ever had a broken wafer switch in a set you're trying to restore, you know why Dan's article will be valuable to you.

Don't miss the rare and unusual Callophone speaker in *Photo Review*. Also, note the sealed Zenith tube carton that seemed to be ahead of its time in consumer protection — it was intended to be "tamper-proof."

*Radio Miscellanea* includes more on that 4-foot long, 98-pound rodent identified in the June issue. Who would have thought that this critter would create so much interest? We also have feedback on the Collins Auto-Tune transmitter, as well as welcome kudos from a long-term subscriber.

The Internet. Our goal this month is to have the ads up in a timely fashion; that is, by the time you receive this issue, you should be able to access the ads, either immediately or a day or so later. If we succeed, you can plan on this service from now on.

**Coming Radio Events.** Beat the heat this summer by stopping in at one of the over 40 meets scheduled for the month of July. Don't miss the Michigan Antique Radio Club's Extravaganza 2000 in Lansing, Michigan. Also of particular note this month are the Estes Vintage Radio Auction held in Seville, Ohio, and the Ramage Estate Sale & Auction in Tupelo, Mississippi. As always, stop by the A.R.C. table at the New England Antique Radio Club swap meet in Nashua, N.H., to say, "Hi."

Happy Collecting!

John V. Terrey, Editor

---

## ON THE COVER

The artwork on our cover comprises an RCA Radiola AR-812 superimposed on a closeup of the tuning dial. This set is the lead set in our lead article on superhets. The photo is one of 30 in a salesman's portfolio from your editor's collection.

# WITH THE COLLECTORS

## The Mighty Superhet

BY BILL CORKUTT

*Today's superhet radios are simple to operate. Consequently, we may have forgotten just how complex these early superhet radios were. In this article, Bill Corkutt takes us back to those early times. (Editor)*

In the early 1920s radio engineers and enthusiasts recognized the superheterodyne circuit as providing more sensitivity and selectivity than other circuits popular at the time. Better sensitivity provided weak-signal, long-distance reception; better selectivity provided the ability to separate signals as more broadcast stations crowded the radio spectrum. The public was not so receptive since superheterodynes were complicated devices requiring many controls, as well as lots of tubes and batteries.

The superheterodyne principle was patented in America by Edwin Howard Armstrong in 1920. The concept of mixing two high frequencies together to produce a low beat-frequency, which could be easily amplified, had been known for some years. It took the genius of Armstrong to put the pieces together to make a practical receiver. He sold the patent to the Radio Corporation of America (RCA), then the premier radio company in the U. S.

### THE RCA AR-812

The first commercial superheterodyne, the AR-812, shown in Figures 1 and 2, was manufactured in early 1924. This radio uses 6 Type UV199 tubes, each drawing only 60 milliamperes of filament current, making dry-cell operation feasible. The radio's performance is enhanced by the use of reflex circuitry. The RF amplifier is reflexed to function also as an IF amplifier. A single UV199 triode serves as both local oscillator and mixer. Like many early superhets, the AR-812 used a very low IF — in this case 45 kHz. It has only 4 controls — 2 tuning dials and 2 filament rheostats — and a built-in loop antenna. The loop, made for portability, was also advantageous for city dwellers where long wire antennas were difficult to string.

The AR-812 was advertised as a portable set and had a handle on top of a husky wood cabinet (3 feet long!) and built-in battery compartments. Yet, at about 40 pounds, plus the weight of 6 large, dry-cell, A batteries, 4 B batteries, a C battery, and a separate hom-speaker, it required a strong person to lug it around. In addition, it was (still is) a nightmare to repair since all components, except the tubes, tuning capacitors, and coils, were encapsulated in a metal tub filled



Figure 1. The AR-812, manufactured in 1924, was the first commercial superhet. The handle on this set qualifies it as a "portable."

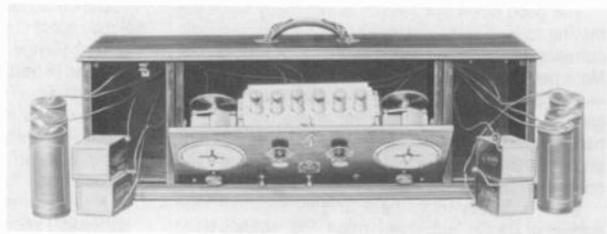


Figure 2. An interior view of the AR-812. (This photo and Figure 1 are RCA publicity photos and are from your Editor's collection.)

with sealing wax — the dreaded catacomb. Despite its faults, the AR-812 was an instant success. Thousands were sold without batteries at a hefty \$269.

Radio enthusiasts (experimenters, amateurs, serious listeners) did not balk at numerous controls, big tube counts, or heavy battery consumption required by most superhets. Article after article appeared in radio magazines and even ordinary newspapers presenting the various types of superhet circuits being "invented."

I had never planned to collect antique superheterodynes. They seemed few and far between and were the Rolls Royce of reception. I finally did find an AR-812 six or seven years ago at a hamfest. Fortunately, the catacomb was intact, and the required repairs were mostly mechanical in nature. Since then, I've acquired several early superhets using a variety of circuits and features.

For the AR-812, I built an AC power supply to fit in one of the battery compartments and obtained a half dozen UV199s. Combined with a modern dynamic speaker (1940s vintage), the radio worked quite well in the lower part of the broadcast band (500-1200 Kc).

### A RADIO MAN'S SUPERHET

Most sets developed in the early days of the superhet (1924-1926) were simple modifications of Armstrong's original ideas. Others were attempts at more radical departures and bore unique names; e.g., Ultradyn, Tropadyne. So long as the other superhets on

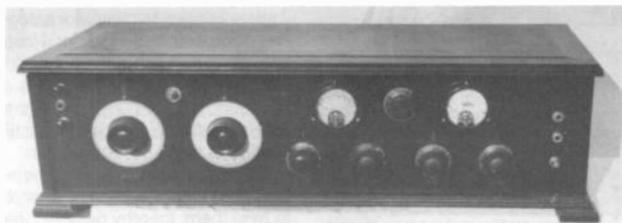


Figure 3. The panel view of a battery-operated superhet, ca. 1925, which was probably built from a kit.

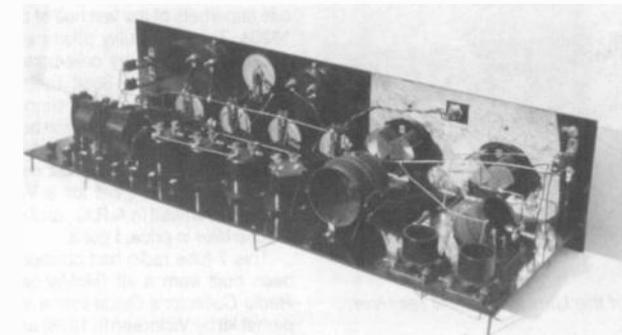


Figure 4. The rear view of the superhet shown in Figure 3.

the market were home-brewed or kits made one at a time, RCA let them alone. They posed no real competition and provided free advertisement.

Figure 3 shows the front of an enthusiast's concept of a superheterodyne. This set was probably built about 1925 and is typical of the 8-tube home brew of the day. The tube lineup is the following: local oscillator, 1st detector, 3 intermediate frequency (IF) amplifier stages, 2nd detector, and 2 audio stages. There are 7 controls: 2 tuning dials, 4 filament rheostats, and a potentiometer that sets the grid bias of the IF stages to control overall gain or to suppress oscillations in the IF amplifiers (by reducing gain). A light bulb mounted between the tuning dials provides illumination for the tuning scales.

Although no manufacturer's name is given, the radio was probably a kit, since engraved panel markings identify the function of each control. The meters indicate the filament battery voltage (when to recharge the storage battery) and the B battery voltage (when to buy new ones). A panel jack is provided for plugging in a loop antenna. The radio resembles one in a 1925 *Popular Mechanix* article entitled: "How to Build the Popular Mechanix Superheterodyne Eight."

Figure 4 is a rear view of the works. The tuning capacitors are Remler clamshell types that provide linear tuning and vernier control via internal gearing. The IF transformers are also Remler. The tubes are Type 201-A which were considered superior to Type UV199. The 8 tubes draw a total of 2 amperes of filament current making an automobile-type storage battery a necessity. After a good cleaning and the usual troubleshooting and repair, the set works well over the entire broadcast band.

#### LA CAULT LR-4

The French inventor R.E. LaCault replaced the first detector with a circuit he called a modulator. He claimed

that the modulator detected the incoming signal and then used the result to modulate the local oscillator's amplitude, which was then amplified in the IF amplifier as in an ordinary superhet. He called his radios "Ultradynes" and sold them in America via various companies, the best known being Phenix of Philadelphia. It was claimed that Ultradynes outperformed ordinary superhets in sensitivity and ease of tuning.

I bought a large radio, sight unseen, based on a brief phone description: "large size, 9 tube sockets, many transformers." When it arrived, I studied its circuitry — it was obviously a superhet of considerable complexity and included a tuned radio frequency amplifier as a front end. The oscillator coil as well as the IF transformers were by Phenix Radio Corporation, a fact that sent me scurrying to my copy of McMahon's *Radio Collector's Guide*. Between 1924-1926, the Phenix Company sold 5- and 8-tube LaCault Ultradynes and kits. Under R.E. LaCault, there was a single entry, a 9-tube Ultradyne kit — the LR-4.

My LR-4 was in amazingly good condition; all transformers tested good and all wiring was intact. One audio transformer was missing, and I added it to complete the audio section. The RF amplifier and modulator coils were obviously hand-wound on cardboard tubes. The tight, beautifully finished, hardwood cabinet had apparently preserved the interior contents over the decades. Figure 5 shows the front.

The layout is typical superhet. The knob between the tuning knobs is the potentiometer for setting IF grid bias. The small knob above is a small variable antenna coupling capacitor to prevent overloading the front end. Vernier tuning of the local oscillator is via spur gears. Figure 6 shows the rear view. The mechanically-coupled dual tuning capacitors used to tune the front end were a forerunner of the ganged capacitors still to come.

Did the Ultradyne live up to its billing? Over a series of evening listening sessions I was able to receive AM stations all across the band, including several weak stations I had not received before using other antique radios. In addition, the tuning was remarkably smooth and devoid of the heterodyne whistles one usually gets with antique superhets.

Why did the Ultradyne not become more popular? The answer probably lies in the fear of patent litigation since there is no doubt an IF frequency is generated by the modulator which is amplified, as in an Armstrong superhet. Of course, with the advent in the late 1920s of the multigrad tubes where heterodyning occurred inside the tube itself, the question became moot.

#### THE TROPADYNE

The Tropadyne was the brainchild of Clyde Fisk, a well-known innovator, and required only 6 tubes — a converter, 3 IF stages, a second detector, and a single audio stage. He combined the local oscillator and first detector in a simple reflex arrangement similar to Arm-

*(Continued on following page)*

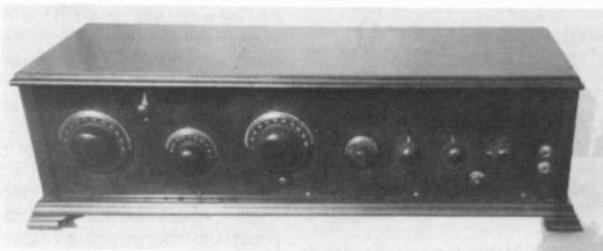


Figure 5. The front panel view of the Ultradyne LR-4 receiver.

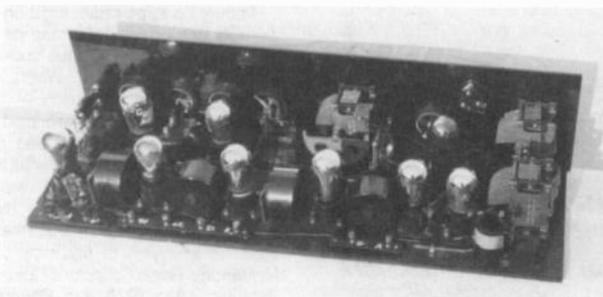


Figure 6. The rear panel view of the Ultradyne LR-4 receiver.

*(The Mighty Superhet, continued)*

strong's original set. My daughter bought the radio at an antique flea market at a modest price, after it had lain for decades in someone's garret or basement. It was extremely grimy and required a lot of cleaning before repairs could be started.

The IF transformers, which Fisk called "tropaformers," were bulky affairs that included a compression-type variable capacitor for tuning the secondary. All windings of the four tropaformers tested open and required melting out the sealing wax that held the coils in place. (Apparently the bare copper coil leads had reacted with the paraffin to render the copper brittle.)

After cleaning the soldering lugs and resoldering new connection leads, I repacked the cases with modern plastic stuffing. (This took much longer than it takes to tell.) After reassembling the radio I debugged the remaining circuitry using the usual techniques. I aligned the IF amplifiers by tuning to a strong local station and tuning each tropaformer for the loudest signal, a technique of the 1920s when builders were unlikely to have alignment equipment. The set worked well using either an external loop antenna or a long-wire antenna. The good results I attribute to the IF stages being individually tuned to achieve perfect alignment.

Figure 7 shows the front of the restored radio. The tuning dials are National "Velvet" verniers. The row of 4 small arrow knobs control the various filaments. The knob at the center-top is the usual potentiometer control for IF bias setting. There is the usual push-type, on-off switch,

2 speaker jacks, terminals for antenna and ground, and a jack for a loop antenna. There are no panel markings, and it is probable that this is a kit or shop radio. Figure 8 shows the well-built insides. A large knob for IF tuning sits atop each tropaformer.

Caution: Visitors seeing these big knobs have the irresistible urge to twist them, thereby detuning the IF amplifier!

#### LATE 1920S SUPERHET

E.H. Scott is famous for his triode superhets of the last half of the 1920s. They are bulky affairs and much sought after by collectors. I have never seen a Scott battery superhet, and there is little chance of ever obtaining one. The next best thing is superhets by John Victoreen, which seem to be fair copies of the Scotts. I bid for a Victoreen advertised in A.R.C., and after one hike in price, I got it.

This 7-tube radio had obviously been built from a kit (McMahon's *Radio Collector's Guide* lists a superhet kit by Victoreen in 1928) and

modified over the years. Fortunately, the original blueprint schematic came with the radio and enabled me to restore the original circuit.

Figure 9 shows the front panel which departs from the usual early superhet layout. However, there are the usual 2 tuning dials, 4 filament rheostats, the grid-bias potentiometer, a single output jack and a rotary on-off switch. There are no panel markings.

Figure 10 shows the interior. The IF transformers and coils are labeled "Victoreen Radio Co.," the tuning capacitors and knobs are Remler clam-shell types, the audio transformers are by Acme. The cabinet is of the "coffin" type. The restored radio plays well on all local

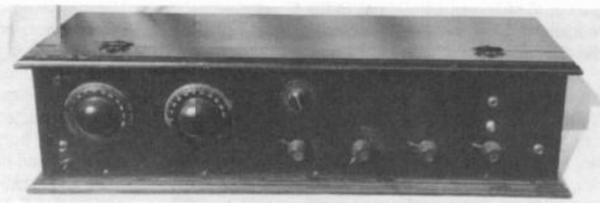


Figure 7. The panel view of the restored Tropadyne receiver.

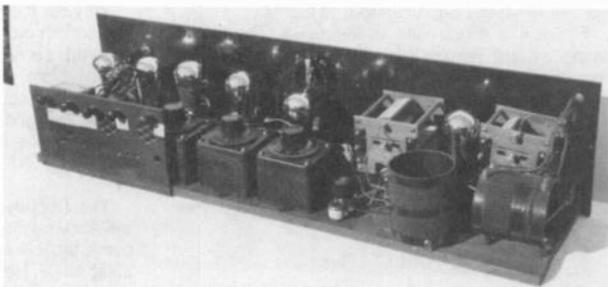


Figure 8. The rear view of the restored Tropadyne receiver chassis.

AM stations and is a fine piece of furniture in itself.

**NOTE:** All of the above described radios use 201-A tubes. All are 2½ to 3 feet in length, and are housed in solid hardwood cabinets.

1928 is a date which must signal the demise of the home-brewed superhet, for in that year, RCA unveiled the Radiola 60. The Model 60 was AC-powered and had 1-dial tuning which anyone could operate. It had a metal chassis, AC-type tubes, and ganged capacitors. The Radiola 60 at \$175 introduced the low-cost, modern superhet to the public.

How good was an early battery superhet? I've been playing my AR-812 for two or three hours daily for over five years on the same set of tubes (already used when bought), and it's still perking. The trick, of course, is to run the filaments at a reduced voltage.

#### SUPERHET DOCUMENTATION

For those truly interested in the historic or the technical aspects of the superhet there is plenty of literature available.

Charles Leutz, founder of the Experimenters Information Service in 1921, published a slight volume called *Superheterodyne Receivers*. In it he describes the heterodyne principle and presents plans for building receivers of his own design. In advertisements for his plans and kits, he shows that you could build your own superhet for 20 percent of the cost of a commercial one.

The book has been reproduced; unfortunately, the blueprint schematics have been photo-reduced to such a small size that they are illegible. In Volume 2 of *Radio Manufacturers of the 1920's*, Alan Douglas presents a brief biography of Leutz, as well as excellent pictures of Leutz receivers. Though home-brewed, these radios are much sought after by serious collectors.

*The Legacy of Edwin Howard Armstrong*, published by the Radio Club of America, is a compendium of articles on Armstrong, who was involved in the patent wars of the 1920s. One article is titled "More Than You Ever Wanted to Know About the Superheterodyne Receiver," and it lives up to its promise.

Ed Romney's book *Fixing up Nice Old Radios* contains much technical information on early superhets, including circuit diagrams and descriptions of the first RCA superhets. It is invaluable should you come upon an early Radiola superhet.

*The Super-Heterodyne Book*, published by *Radio News* in 1926, is a resume of the entire superheterodyne art in the mid-1920s. Every type of superheterodyne circuit is described and enough detailed technical and physical data (circuits, drawings, dimensions, construction hints) is included for you to build more than a dozen superhets of your own.

For the less technical there is Lawrence Lessing's book *Man of High Fidelity*, a biography of Armstrong. There is also *Empire of the Air* by Tom Lewis, recounting the interacting lives of Armstrong, inventor of the regenerative circuit, the superheterodyne, and frequency modulation; Dr. Lee de Forest, inventor of the triode vacuum tube, and David Samoff, president of RCA. The book vividly records the end of the era of the solitary inventor (Armstrong, de Forest) and the triumph of the corporation (Samoff).

During the 1920s, a controversy raged as to who invented the superhet. We Americans championed Armstrong — others gave priority to various Europeans. After almost a decade of legal battle, the courts in 1928 awarded the patents to Lucien Levy, a French inventor. Knowledgeable radio engineers — American and European alike — give credit to Armstrong.

#### References:

- Douglas, Alan. *Radio Manufacturers of the 1920's*. Vestal, N.Y.: Vestal Press, Ltd., 1989.
- Lessing, Lawrence. *Man of High Fidelity: Edwin Howard Armstrong*. Philadelphia, Pa.: J.B. Lippincott Company, 1956. Bantam Paperback Edition, 1969.
- Leutz, Charles. *Superheterodyne Receivers*. Milwaukee, Wis.: Experimenters Information Services, Inc., 1924. Reprint distributed by Lindsay Publications, Inc., Bradley, Ill.
- Lewis, Thomas S.W. *Empire of the Air, The Men Who Made Radio*. New York: Harper Collins, 1991.
- McMahon, Morgan. *Radio Collector's Guide*. Revised Edition. Palos Verde Peninsula, Cal.: Vintage Radio, 1981.
- Radio News. *The Superheterodyne Book*. New York, N.Y.: Experimenters Publishing Co., 1926.
- Romney, Edward H. *Fixing up Nice Old Radios*. Drayton, S.C.: Ed Romney, 1990.
- The Radio Club of America. *The Legacies of Edwin Howard Armstrong*. Radio Club of America, Inc., 1990.

(William Corkutt, 26 Hillside Ave., Monsey, NY 10952)

(Bill Corkutt has been interested in old radios since he bought a junker 3-dialer at a hamfest in 1993. His interest in radio dates back to the early 1950s when he served as an army radio operator during the Korean War. He is a retired electrical engineer and operates amateur radio station WZ21.)

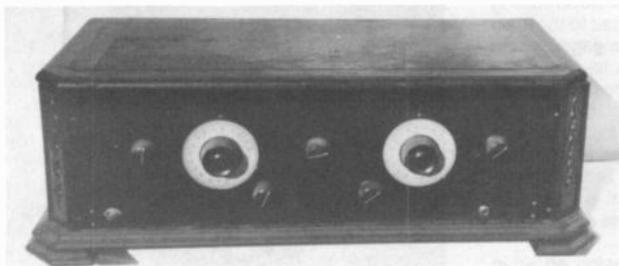


Figure 9. The panel view of the Victoreen superheterodyne receiver.

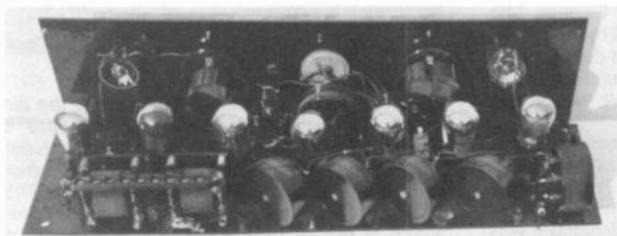


Figure 10. The rear view of the Victoreen superheterodyne chassis.

# VINTAGE MILITARY EQUIPMENT

## The Irrepressible BC-348 Receiver

BY LOUIS L. D'ANTUONO, WA2CBZ

*Though a quite commonplace military receiver, the BC-348 still captures the imagination, especially because of its use in the World War II aircraft, the B-17. Louis D'Antuono's article inspired staff member Dave Crocker to contact the nearby Collings Foundation, dedicated to restoring such historic aircraft, for even more information. (Editor)*

Webster's *Unabridged Third New International Dictionary of the English Language* defines "irrepressible" as "impossible to repress, restrain or control." This description fits the BC-348 receiver, shown in Figure 1, perfectly. Of all the receivers I have ever known, this one has lasted the longest in the public imagination. I have always liked these units. Why, I do not know exactly.

Maybe it's the variable light brightness knob. Possibly the large tuning knob. Or perhaps the multiple frequency dial where all the bands are masked, except the one in use. It could be its rugged appearance. Or better yet, the noise limiting circuit where a potentiometer is ganged to the main tuning capacitor and progressively engages as the frequency increases. Lastly, maybe its use in the Flying Fortress B-17 bomber is its greatest appeal.

Figure 2 shows the radio compartment of a restored B-17. This aircraft, named for the original *Nine-O-Nine*, was restored under the auspices of the Collings Foundation located in Stow, Massachusetts. A view of the B-17 in flight is shown on the opposite page, along with some facts about this famous aircraft.

I cannot go a month without seeing an ad in *Antique Radio Classified* or *Electric Radio* for information on this receiver. A year ago, I answered a request from a Ham in Georgia who wanted a schematic for a BC-348O model. Even veterans who were in the Air Corps during World War II and later are interested in purchasing one of these receivers, possibly to relive their armed services experience.

I have owned two of these receivers in the past. One was a Q model with a built-in power supply, and the other an R model. Regrettably, I have sold both these units. When I realized how much interest there is in them, I decided it was time to write about them.



Figure 1. The World War II BC-348 receiver.



Figure 2. The radio compartment in the B-17 bomber was on the forward left side of the airplane. The BC-348H receiver shown here is mounted on a shock mount but is not functional. Above the receiver is a BC-456 modulator which is part of the SCR-274-N Command set. This photo was taken aboard the B-17 "Nine-O-Nine" which is owned by the Collings Foundation of Stow, Massachusetts.

A factor in the continuing interest in these receivers is in the large number that were built. Also, they were produced by different manufacturers, who designated their particular models with a letter suffix. There are also differences among these models electrically, but the greatest difference is in the "Q" model, which has its B-connection above chassis ground. Some examples of the letter designators used to identify versions of the BC-348 and its manufacturers are provided in the following:

Version BC-348E, H, K-M, O, P, R, S were manufactured by Belmont Radio and Stromberg-Carlson; Versions BC-348J, N, Q were manufactured by Wells Gardner.

These radios are single conversion types with two RF stages, a local oscillator, a mixer, three IFs, BFO, detector, and audio output and mixer stages, an audio amplifier stage, a detector, and BFO. The frequency range of 1.5 to 18 MHz is covered in five

bands, and a sixth band covers 190 to 500 kHz.

These receivers can be used for Amateur CW and AM reception. Many Hams over the years have contributed ideas to improve their performance, including modification for SSB reception, which left a lot to be desired. The usual complaint about the BC-348 is its lack of selectivity and audio output, but even unmodified, these receivers remain popular.

In terms of present-day availability, I have seen these receivers for sale at Hamfests or in trade magazines selling anywhere from \$20 to \$50 or more, depending on condition. Some are painted gray, while others are black. Often they have built-in power supplies or outboard types, while some are unmodified and need conversion. Usually this involves rewiring the tube filaments from 24-volt operation to 6-volt or 12-volt operation.

Removing the original dynamotor and power

*(Continued on following page)*

## The Boeing B-17 Flying Fortress



*A restored B-17 in flight over the Statue of Liberty. The aircraft bears the wartime marking of the original "Nine-O-Nine."*

Probably the most widely recognized aircraft flown in World War II, the B-17, powered by four 1,200 hp Wright engines, had a top speed of 250 mph and a range of 2,400 miles. The B-17 was manned by a crew of 10, and its armament consisted of 13 M2 machine guns. Its size was impressive for the World War II era — a wingspan of nearly 104 feet and an overall length of about 74 feet.

The photo is courtesy of The Collings Foundation, Stow, Massachusetts. This non-profit educational foundation organizes and supports living history events, including those related to transportation and aviation.

Since 1989, a major focus of the Foundation has been the Veterans' "Wings of Freedom" aircraft tour. This tour showcases a fully restored B-24 and the B-17 "Nine-O-Nine."

The Stow office acts as a clearinghouse of information for veterans and their families and works to educate the public on issues of aviation and history. An aviation museum and vintage automobile collection are open for special events and groups throughout the year.

For more information, write The Collings Foundation, Box 248, Stow, MA 01775 or call (978) 568-8924.

(The Irrepressible BC-348, continued)

resistors is part of the process. I have done this rewiring once, and it requires a minimum effort. The usual matching speaker is an LS-3, which is rarer than the receiver. Outboard accessories can be used to improve performance.

Perhaps this article will increase attention to the BC-348. At the moment, these receivers occupy a great deal of space in basements, attics, garages, and surplus warehouses, and they have limited use in hamshacks. Renewed attention might result in higher prices for these receivers because of their collectibility.

However, a more positive effect would be their rejuvenation. Collectors might even be encouraged to design modifications to improve their performance. People who have used them in the

past would applaud their restoration.

There are numerous articles past and present concerning the usefulness of the BC-348 that hobbyists can research to help them along. A list of references is included in the box below. In any event, here and elsewhere, the BC-348 will remain irrepressible.

Photos: Courtesy of Dennis DuVall, via Hank Brown, and the Collings Foundation.

(Louis L. D'Antuono, WA2CBZ, 8802 Ridge Blvd., Brooklyn, NY 11209)

Louis D'Antuono holds an Extra Class Amateur radio license. He is a Social Studies teacher at the James Madison High School in Brooklyn, New York.

## Sources of More Information on the BC-348

Alfonsi, Victor. "Broadcast Band Coverage for the BC-348-Q." *QST*, September 1949.  
Armistead, Herbert K. "Servicing XTAL Filters in the BC-348." *QST*, August 1947.  
Bernard, W.B. "More on the BC-348 Series Receivers, Modifying the BC-348-0." *QST*, November 1947.  
Carson, George S. "Note(s) on BC-348 Receivers." *QST*, September 1957.  
Ditton, Jack. "Double Conversion Using the BC-348." *QST*, June 1954.  
Garnet, W. Frank. "BC-348 Alignment." *QST*, July 1959.

Hines, Jack G. "Modifying Tuning Range of the BC-348." *QST*, January 1952.  
Jenkins, Kenneth. "Eliminating Backlash in BC-348 Receivers." *QST*, February 1949.  
Kersten, Paul M. "A Further Note on the BC-348-Q." *QST*, November 1947.  
Kersten, Paul M. "Converting the BC-348-Q." *QST*, January 1947.  
Prescott, A.F. "Calibrating the BC-348." *QST*, November 1947.  
Rand, Philip S. "A Q-5er for BC-348 Owners, Converting with an External Oscillator." *QST*, June 1948.

## More about the AM Band

BY JOHN BYRNS AND ED RIPLEY

From John Byrns: I read with great interest the article on the evolution of the American AM band by Ed Ripley in the December 1999 issue of A.R.C. In the section on directional antenna stations, it states that "WFLA in Tampa, Florida, was one of the first," and goes on to say that it used a "3-tower system on the shore of Tampa Bay." I believe that the WFLA 620 kHz directional array used only 2 towers.

An article entitled "Directional Broadcasting," published in *Radio Engineering*, Vol. XIV, Number 6, in June 1934, also says that the WFLA night array used only 2 towers. This article was written by Raymond M. Wilmotte, who, I believe, was the builder of the WFLA array back in 1932, so I would expect him to know.

The article also states, "In more recent years, the station moved the array to a new site several miles away with additional towers and tower height." While they may very well have moved the array, the FCC database still lists the 620 kHz night array as being a 2-tower array.

It is possible that Ed was confused by the fact that there have apparently been some changes of call letters in Tampa over the years. The station on 620 kHz, which was WFLA in 1932, now appears to use the call letters WSUN. According to the FCC database, the station currently using

the WFLA call letters operates on 970 kHz, and does, indeed, have more towers — 2 towers in the day array, and 4 in the night array — but that is a different station.

From Ed Ripley: I received the comments from John Byrns on the AM band article. Essentially, he is correct in saying that the original frequency of WFLA was 620 kHz and that it was a 2-tower array on the frequency. We stand corrected on that point.

He also mentions WSUN as being a successor to WFLA on the 620 frequency. Actually, WFLA and WSUN shared time on 620 in the early 1930s. WFLA later (I believe around 1939) moved to 970, leaving the 620 channel to WSUN. It was then that WFLA built the 3-tower array mentioned in the article. In the 1970s, WFLA again moved, this time to the present site with more towers.

Thanks for passing John's note along. I'll be interested to see how many comments we ultimately get.

*The discussion is still open to anyone who wants to join in. (Editor)*

(John Byrns, 4390 N. Cottonwood Trl., Hoffman Estates, IL 60195; Ed Ripley, 2276 Holloway Ave., Maplewood, MN 55109)

# WITH THE COLLECTORS

## The Pilot "All-Wave"

BY FRANK MOORE

*Certain radios stand out because of their cabinet styling or unusual circuitry. The Pilot radio described in this article scores on both accounts. (Editor)*

The 11-tube Pilot radio, shown in Figure 1, was made by the Pilot Radio and Tube Company of Lawrence, Massachusetts. Although it is identified as the Model 40174, it is commonly known as the "All-Wave," and it sold for \$99.50 in the 1932 radio season.

The radio has some unusual features. The shape of the cabinet is different and looks like a "stretched cathedral." Even the speaker cutout is much wider than it is high. The layout of the controls and dials on the front panel is symmetrical, but why are there two sets of control knobs and two dials?

The name "All-Wave" provides a clue. The cabinet contains two chassis. One is a standard, 7-tube, AC-operated, broadcast-band superhet receiver. The other is a 4-tube, 5-band shortwave converter. This combination covers 545 to 11 meters. A rear view of the radio is shown in Figure 2.

### THE CONVERTER

The shortwave (SW) converter is probably the same as the one shown on the Pilot page 1-6 of Rider's Volume I. Its tube complement consists of one each of the following types: 224 RF amplifier, 224 mixer, 227 oscillator and 280 rectifier. The converter features a bandswitch, thus eliminating the nuisance of changing plug-in coils. A sixth position of the bandswitch cuts the converter out of the circuit and connects the antenna to the broadcast receiver chassis. The converter's output frequency is 550 Kc. It is necessary to tune the broadcast radio to that frequency when the converter is used.

### THE BROADCAST RECEIVER

The broadcast band receiver appears to be a straightforward superhet with the following tube complement: (1) Type 224, (2) Type 235, (2) Type 227, (1) Type 247, and (1) Type 280. Like the converter, the broadcast-band radio has its own power supply.

In the same model year, Pilot also offered a 7-tube superhet in either a console cabinet or a modernistic tabletop.

Introductory advertising for the "All-Wave" model, circa 1931, called it the "Pilot All-Wave Super-Heterodyne 11-Tube Super-Wasp." Inclusion of

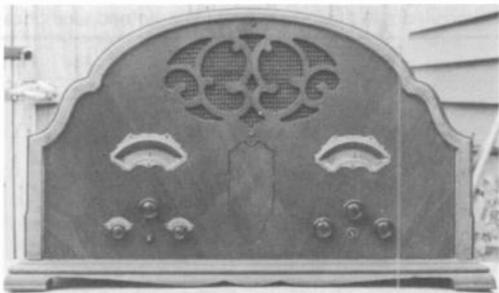


Figure 1. Front view of the Pilot Model 40174 "All-Wave" receiver.

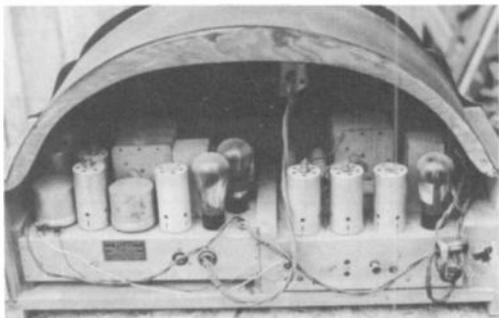


Figure 2. Rear view of the Pilot Model 40174 "All-Wave" receiver showing both chassis.

the Super-Wasp name was probably an attempt to connect the new radio with the highly successful Pilot Super-Wasp receiver of 1928.

Pilot's use of a standard broadcast receiver and an SW converter in a single unit was ingenious. A home-type receiver capable of tuning as high as 11 meters was not common in 1931. The use of bandswitching to cover such a wide tuning range was also uncommon. During that time period, the manufacturers of Ham radio receivers, such as National and Hammarlund, were still using plug-in coils.

*(Frank Moore, 4623 Phillips Ave., Billings, Montana 59101)*

*Frank Moore has been collecting radios for about 30 years. Although he prefers "3-dialers," his eclectic stash includes Atwater Kent breadboards and Scott radios.*



## PHOTO REVIEW



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



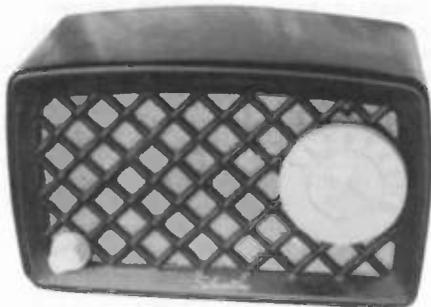
**EMERSON MODEL AX212** – This 1938 radio has a very desirable Ingraham birch cabinet with a green striped inlay. Sometimes referred to as the "Half Mae West Radio," it is a 5-tube set, only 5½" tall and 9" wide. (*Wally Worth – Wollaston, MA*)



**ZENITH TUBE CARTON** – This cardboard and metal-edged box housed a Type 7N7 tube. The tamper-proof carton was sealed at the factory for the consumer's protection. (*Craig F. Knowlton – Edgewood, WA*)



**HELIPHONE CRYSTAL SET** – This U.S. crystal set was manufactured by Garod (Gardner-Rodman Corporation) and was first advertised in July 1922. The tuning is accomplished with sliding flat coils and an open catwhisker/galena detector. The two hinged panels are constructed of wood. (*Erwin Macho – Vienna, Austria*)



**SILVERTONE MODEL 2001** – This brown metal table set was manufactured by Sears Roebuck and Co. in 1950. It has 4 tubes and a chassis number of 132.878. It requires an antenna wire for operation. Important to note is that the left-hand on/off-volume knob is not original. (*Cyril G. Brennan – Pike Road, AL*)

---

## PHOTO REVIEW

---



**MAE WEST EMERGENCY RADIO** – Manufactured by Kingston Products Co. of Kokomo, Indiana, this unit was used by downed World War II pilots to call for help. The odd shape was to fit the user's knees while he turned a crank to generate power. (*Clark Trissell – Lincoln, NE*)

---



**CALLOPHONE HORN SPEAKER** – The huge metal horn bell on this speaker measures 15" square. The driver inside the rear of the wooden box is adjusted for tone by the front dial which has a long shaft to the driver. Manufactured by the Callophone Co. of New York City, it sold for \$35 in 1924. (*Dave Crocker – Mashpee, MA*)

---



**MARCONIPHONE V2A** – Found in mint condition, this 2-tube, reflex, long-range model receiver was manufactured in 1924. It operates on the 300-390 meter wavelength. (*Jim Taylor – Bourmemouth, England*)

---



**PHILCO TIMER CLOCK** – This wood-cased timepiece was presumably used to turn on (or off) radios at prescribed times. The knobs on the sides are the familiar Philco rosette type of the early 1930s. (*George E. Hausske – Wheaton, IL*)

---



# AUCTION REPORT

## Estes Vintage Radio Auction Seville, Ohio — February 26, 2000

CONTRIBUTED BY RICHARD ESTES

Estes Auction held a mid-winter vintage radio sale on February 26, 2000, at the Seville Antique Auction Barn in Seville, Ohio. The weather was a perfect 60 degrees with no snow in the forecast — a rarity for a winter sale. The good weather brought out 217 bidders from 13 states and Canada.

Sales totalled over \$27,000, with unusually high prices on some items. Among the highlights were a DeForest DT-600 crystal set selling at \$1,050; a DeForest D-10, with repro loop, at \$900; an Atwater Kent 10 for a Pooley cabinet at \$750; an Emerson Patriot Catalin at \$500; and a Kennedy 50 grandfather clock radio at \$450.

The following is a representative list of items offered at the sale.

e=excellent, vg=very good, g=good, f=fair, p=poor, NT=no tubes, PS=power supply, BB=brass-based

Admiral 7" TV, Bakelite, g .....	\$85
Amplifier, 2-step, 1920, no transformer, g .....	275
Arvin 44A, f .....	50
Arvin 422, g .....	75
Atwater Kent 10 for Pooley cabinet, f .....	750
Atwater Kent 45, f .....	45
Atwater Kent 55, w/speaker, f .....	100
Atwater Kent 465, g .....	265
Busy Bee cylinder record, g .....	55
Corona battery set, 1925, g .....	195
Crosley 5M3 tombstone, g .....	100
Crosley 124 grandfather clock .....	425
Crosley Gem Box, g .....	80
Crosley grandfather clock, g .....	375
Crosley pinwheel speaker, g .....	40
Crown transistor, hybrid, g .....	85
Cutting & Washington Type 1S, g .....	400
Day-Fan OEM7 battery set, f .....	100
DeForest D-10, w/repro loop, g .....	900

DeForest DT-600 crystal set, g .....	1,050
Drake 2NT transmitter/PS .....	275
Edison Standard phonograph .....	550
Emerson Patriot, f .....	500
Exide battery box, g .....	135
Freed-Eisemann FE-15 battery set, f .....	100
GE tombstone, 1935, f .....	70
Gloritone 26P, f .....	125
Grantline table, g .....	90
Grebe CR-3 panel, no cabinet, g .....	450
Guild roll-top desk, f .....	190
Hickok 552 tube tester, g .....	80
Hickok signal generator, g .....	40
Home brew 1-tube receiver, g .....	65
Home brew receiver, g .....	165
Howard 474, g .....	45
Kennedy 50 grandfather clock .....	450
Magnavox horn speaker, g .....	95
Majestic 20, g .....	200
Majestic Whispertone, g .....	100
Midget cone speaker, w/box, g .....	95
Mohawk battery set, g .....	85
Motorola 100 speaker, g .....	40
Patterson PR10 receiver, p .....	75
Philco 20 cathedral, f .....	150
Philco 20, g .....	275
Philco 52-940, f .....	45
Philco 70, g .....	300
Philco 84 cathedral, f .....	100
Philco 211 speaker, g .....	40
Philco Jr., (2), f, g .....	80, 150
Philco P-42, g .....	45
Philco sign, Deco, porcelain, g .....	375
RCA 811 console, g .....	70
RCA Radiola 60 console, f .....	70
RCA tube manual, g .....	40
RCA 100 speaker, g .....	45
Regency TR-1, mahogany, g .....	475
Setchell-Carlson "Frog Eye," g .....	75
Silvertone 4S84 console, g .....	60
Silvertone 1061 table, g .....	45
Silvertone horn speaker, f .....	115
Sky Rover cathedral, p .....	85
Sparton 9A cathedral, g .....	225
Stromberg-Carlson 340V, g .....	500
Telefunken table, g .....	205
Thorla battery set, NT, f .....	75
Tower speaker, f .....	60
Travel Air cathedral .....	230
Tube(s): 2A3, (8), g .....	95
Tube(s): 45, (9), g .....	175
Tube(s): 80, (10), g .....	30
Tube(s): Acturus 59, blue, g .....	55
Tube(s): Acturus PZX 47, g .....	35
Tube(s): Cunningham 99, BB, g .....	65

*A warning: Auction prices are not current values. Our selection of auction items is not necessarily complete. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.*

Tube(s): Globe 10, g .....	40
Tube(s): Kellogg 401, (2), g .....	50
Tube(s): KT88, (4), g .....	85
Tube(s): Silvertone UV-199, g .....	40
Tube(s): UV01-A, (5), g .....	90
Tube(s): Western Electric BT1, g .....	75
Tube(s): TZ-40, (2), g .....	45
Utah drum speaker, f .....	45
Westinghouse 10" TV, f .....	95

Westinghouse Aeriola Sr., g .....	135
Westinghouse clock radio, g .....	225
Westinghouse H-127, f .....	80
Zenith 5S29, g .....	125
Zenith 60510, f .....	55

(Estes Auctions, 7404 Ryan Rd., Medina, OH 44259. Tel.: (330) 769-4992; Fax: (330) 769-4116)

## Maison Auction Wallingford, Connecticut — March 23, 2000

REPORTED BY RAY CHASE

On Thursday, March 23, 2000, the Maison Auction Co. held a general auction, which contained a selection of radios, tubes and parts, at 128 East St., Wallingford, Connecticut. This auction house held a memorable radio auction a year or so ago, and some of the attendees this time were wondering if this could be another one to remember. Well, it was a smaller version with some huge box and tube lots, as well as some decent radios.

The radio lots were mixed in with the other general merchandise throughout the auction. A 10 percent buyer's premium was added to the sale price, which is not included in the auction results list. The auctioneer was Bill Ulbrich.

The tubes were sold in three large lots, generally sorted into categories: transmitting, globe and early receiving, and later, miscellaneous tubes. The parts, Ham gear, test equipment and military lots were very large and represented good buys, if you had the room to haul them away.

Some ARC-5 World War II military equipment, such as command receivers and transmitters, were  
(Continued on following page)



Front, left to right: a Neutrodyne Corp. Neutrodial 3-dial battery set selling at \$60; an Atwater Kent 37 metal box receiver at \$45. Rear, left to right: a Hartford Metal Products Supertone horn speaker at \$150; an Atwater Kent Type E cone speaker, including an RCA 100 speaker, at \$95.



Some better known items selling at this auction: left, an Atwater Kent Model 84 cathedral (\$325); center front: an Emerson Model 153 curved-front radio in an Ingraham cabinet (\$90); far right, a Gray Instrument Co. and Queen Instrument Co. lab standard potentiometer and decade in a large wood case (\$65).

(Maison Auction, continued)

mixed into the box lots. The ARC-5 receivers had the usual Ham modifications, while the transmitters appeared to be virgin. There were no modulators or mounts. A wide variety of radio parts, some recent and some vintage, as well as some old lab instruments and a good array of Ham sets, were offered.

Most of the radios were fairly common types. The Kennedy 110 was very nice but had been modified internally to use a later type tube. The modifications did not appear to be severe. All in all, an interesting evening for all.

e=excellent, vg=very good, g=good, f=fair, p=poor, NT=no tubes, PB=push buttons

Atwater Kent 37, f.....	\$45
Atwater Kent 84 cathedral, all original, g.....	325
Clapp-Eastham Radak R-4, heavily modified..	.95
Emerson, curved front Ingraham cabinet, 2 knobs, g.....	90
Gray Instrument Co. and Queen Instrument Co. (both names on the device) large wood-cased, lab standard potentiometer and decade, vg.....	65
Ham radio handbooks and hard-cover radio books, (4) boxes.....	100
Hartford Metal Products Supertone horn speaker, large .....	150
Heathkit ham and military equipment, including (3) Meteor SB-175 transmitters, (2) each Globe DeLuxe VFO, National NC-100X w/ speaker, nice BC-348, Heath EA-3 amp (no case), Heath EA-3 amp w/case, etc. ....	200
Heathkit SB-300 receiver and SB-400 transmitter, vg .....	110
Kennedy 110, w/some internal mods, vg .....	775
National "dog house" power supply, Thompson large horn base w/driver (no horn), several side swiper keys, etc., box lots.....	110



A table-full of goodies awaits the gavel.



A view of the varied pieces of test equipment offered for sale in the auction.

Neutrodyne Corp. Neutrodial 3-dialer, NT, g..	60
Parts, old and new, including some military ARC-5 sets, (43) boxes .....	175
QST, (15+ boxes), none old .....	70
RCA 100 speaker, p, and Atwater Kent E speaker, g .....	95
RCA AP-937 Duo-Rectron B eliminator, NT ..	20
RCA Victor Nipper, 3", metal .....	25
Telegraph sounder in acoustic stand, vg .....	65
Test equipment: test equipment, LM frequency meters, galvanometers, generators, (15±)...	100
Tube(s): Miscellaneous, many octal, some big-pin, (9) boxes .....	125
Tube(s): Mostly globe receiving types, many 201s, est. several hundred, (8) boxes, g..	550
Tube(s): Mostly transmitting tubes, 211; Taylor; KT-88, many N.I.B., (6) boxes, vg .....	275

(Maison Auction Co., 128 East St., Wallingford, CT 06492. (203) 269-8007; Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)

## Keystone Associates Auction Seymour, Connecticut — April 3, 2000

REPORTED BY RAY CHASE

On Monday, April 3, 2000, at 127 Main St., Seymour, Connecticut, Keystone Associates held a general auction, which contained a selection of better radios. The radios were sold between 8:00 and 8:30 P.M., so radio collectors did not have to wait through the whole auction, which went on for

some time. The auctioneer was Mark Levine and a 10 percent buyer's premium, not included in the auction results, was in effect

Three radios were notable. First was a very good Sparton 558 blue mirror radio which commanded a final price of \$2,900. Next was the

finest Neutrowound that I've ever seen — it could have just come out of the radio store. Even the cloth-covered battery cable was untouched by age. It sold for \$850.

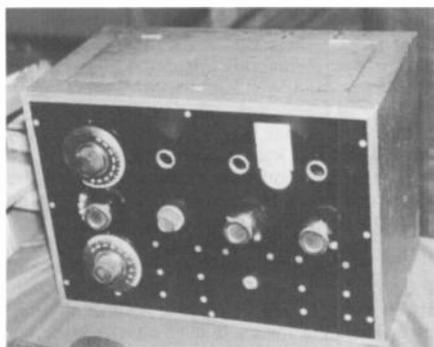
Finally, there was an A.C. Gilbert battery set billed as a 1923 prototype. The A.C. Gilbert factory was in this area of Connecticut, so it's possible that this radio was made by A.C. Gilbert as an entry into the radio business. The unique case was made from 3/4" quarter-sawn oak with an A.C. Gilbert metal tag inside the top lid. The circuit appeared to be a standard regen detector and 2-step audio, but there had been a few recent modifications to the circuit. In addition, the heavy duty battery terminals on the rear of the case had no internal connections. Externally, the set appeared to be all original. It sold for \$500.

e=excellent, vg=very good, g=good, f=fair, p=poor, PB=push buttons, WT=with tubes

- A.C. Gilbert 3-tube battery set, WT, worked on internally, g ..... \$500
- American Bosch table, 2 knobs, no back, rust on chassis ..... 50
- Crosley 56TN table, wood, 3 knobs, vg ..... 65
- Emerson 578A table, small, wood, 2 knobs, g.. 60
- GE HJ-905 console, Deco, 4 knobs, PB, ballast tube replaced by resistors, f ..... 50
- Neutrowound, 1927, WT, w/all tube covers, e ..... 850
- Philco 39-7 table, wood, 2 knobs, PB, vg ..... 70



*This 1927 Neutrowound 6-tube receiver, in a black finish, with all tube covers was offered in exceptionally clean condition. The winning bid brought \$850.*



*This A.C. Gilbert 3-tube receiver in an oak cabinet, with slight internal modifications, brought a high bid of \$500.*



*The Philco Model 66 tombstone on the left sold for \$90, while the Philco Model 39-7 cathedral on the right sold for \$70.*

- Philco 40-165 console, 4 knobs, PB, g ..... 60
- Philco 66 tombstone, 4 knobs, g ..... 90
- Silvertone 1988, wood, with some chassis rust, 3 knobs, f ..... 85
- Silvertone tombstone, 4 knobs, 25-cycle, 3-band, w/eye tube, f-g ..... 50
- Sparton 558 blue mirror (sled) table, 4 knobs, no back, few scratches on top glass, minor desilvering on mirror end rear, minor pitting on chrome, vg ..... 2,900

*(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Keystone Associates, Inc. 127 Main St., Seymour, CT 06483. (203) 888-3400)*



*Front left and right: a black 1927 Neutrowound selling at \$850; a Sparton 558 blue mirror radio at \$2,900. Rear left and center: an A.C. Gilbert 3-tube receiver at \$500; a Silvertone tombstone at \$50.*

# RESTORATION TOPICS

## Rebuilding Rotary Wafer Switches

BY DANIEL SCHOO

*Damaged rotary wafer switches are all too common in old radios. In this article, Daniel Schoo relates his success in rebuilding a badly damaged switch. While the average reader may not want to perform such an extensive repair, the basic repair techniques described in this article can be applied to simpler repairs. (Editor)*

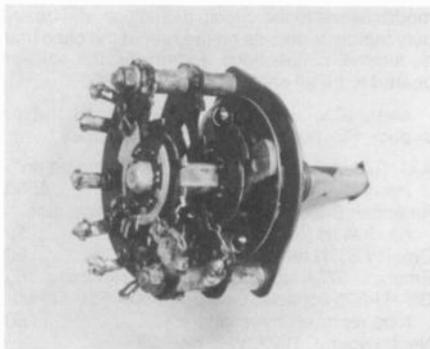
Anyone who has damaged or broken a rotary wafer switch has known the frustration in trying to replace it. The more complicated the switch, the rarer the sources for a new one. Just getting an old switch out can be a real challenge.

Phenolic wafer switches are used in multiband radios, TV sets and other home entertainment equipment to select the desired band or function. These switches are prone to a number of problems, including failure due to attacks by atmospheric contaminants. Exposure to the atmosphere causes a number of nasty things to happen. The contacts become dirty, tarnished and intermittent or open. Cleaning them is a difficult task and not always successful. In the heat of scrubbing or swabbing the contacts with your favorite nostrum of chemical agents, contacts frequently get bent or broken.

When removing switches for cleaning or performing work on nearby components, you will occasionally break a wafer. When this happens all of the joy in life is banished, and then you have a major problem. If you have ever tried to reassemble the disaster with glue, you already know this doesn't work. The forces on the wafer are enough to defy the best of glues and additional bracing.

Usually the damage to a switch is limited to one or more bent contacts, which can be replaced without much fuss. Sometimes the damage is severe requiring a complete replacement. Recently, a friend had just such a problem. While working on a DuMont RA-105 TV-radio-phonograph combination, he broke the main function switch in several places. If this wasn't bad enough, several of the contacts were badly burned. Figure 1 shows the damaged switch. You will note that several pieces of the wafers are completely broken.

There are a number of these sets still around, but none could be located as a source for a replacement switch. Being on a very limited budget and not having access to a new switch, my friend accepted my offer to try to make a new one for him. This article covers the complete rebuilding of an essentially useless switch. Many switches that have only minor damage can be repaired by less extensive means. The individual procedures of disassembly and reconstruction can be used to simply replace the bad contacts of an



*Figure 1. This typical phenolic rotary wafer switch exhibits extensive damage. Note the broken wafers.*

otherwise good switch.

The first step is to document thoroughly the old switch. The service information for this set in the Rider volume contains fairly detailed information about the switch. It shows all of the contacts and the positions for each function. The switch consists of two wafers with stationary contacts on both sides of each. It has a rotation of five possible positions for the functions of AM, FM, Phonograph, TV with dial lights on, and TV with dial lights off.

Rider covers the electrical circuit documentation, but that is only half of what is needed. A complete mechanical documentation is also needed. For this you have to document what remains of the switch and draw the physical contact arrangements. Each wafer has to be drawn showing the arrangement of contacts attached to both sides.

### PREPARATION

The drawing has to indicate not only in what position and on what side of the wafer a contact is located, but also whether it is a long one or a short one. Essentially there are two kinds of stationary or fixed contacts — those that are long and wipe on the inner part of the rotor and those that are short and hit only the outer circumference. Included on the drawing should be a depiction of each side of each wafer, the rotating contacts and an overall drawing of the full assembly, all referenced to the front plate using the contact numbers as a landmark on each item.

The drawing must also depict the assembled switch showing where each wafer, rotor contact, and stationary contact are positioned with respect to some reference point. Figure 2 shows a sample of the documentation. For the reference point, I

used the metal front frame of the switch assembly and the rotation stops as "witness marks." These points are fixed, and the wafers are assembled to the frame using them as landmarks.

I cannot emphasize enough that good documentation is essential. No matter how good your memory is there will always arise some mystery as to the position of some part, where it went into the final assembly, and especially which side of what rotor and wafer faces forward or backward on the frame. To facilitate some of this I took detailed photographs of the old switch both before and during disassembly.

### SOURCES OF PARTS

Before you begin the physical repair you must find donors to supply the required parts for the new switch. Fortunately for function selection in the RA-105, DuMont used a switch made by a popular manufacturer, and the basic design was fairly common. I found a number of switches at a local hamfest using the same basic design for the component parts. Figure 3 shows several of the donor switches from which I was able to take parts. The only parts that will be required from the old switch are the frame pieces, the front plate and shaft, and the rotary contacts. Screws and spacers can also be salvaged but even these are not essential.

Generally, switches are unique because of the shape and placement of contacts in the rotors. The size and placement of the fixed contacts on the wafers can be duplicated using standard parts. The wafer contacts can be replaced since only their placement is unique to the particular switch,

not the contacts themselves. If the rotors are not salvageable, and if they are unique enough so that they are not replaceable from a donor, there is no reason to try to rebuild. Irreplaceable rotors spell the end for a rotary wafer switch. Frequently, rotor parts can be replaced or repaired. On my switch, one rotor insulator was broken in half and burned. A contact was also burned, but it was repairable.

### SALVAGING SWITCH CONTACTS

The first thing to do is to harvest the parts you will need to rebuild the old switch. Contacts are easily removed by drilling the eyelets of the donor switches. The eyelets are made of a soft brass and must be handled carefully.

A small drill bit just larger than the inside diameter of the barrel of the eyelet is best. A large drill will not penetrate the flange and will only tend to flatten it and spin the eyelet. Run the drill at high speed using light to moderate pressure until the flange of the eyelet is drilled off the barrel, as shown in Figure 4. You will see that each contact is not the same on both sides. One side is slightly different and fits better into the slot on the wafer.

Once the flange is removed, carefully pull the contact from the remaining stub of the eyelet barrel and set it aside. Make a note of which way the contacts are oriented on the wafer so that later you can put each one back on with the same side out. When all of the contacts are safely off the wafer, go back and remove the eyelets by pushing or pulling them out of the wafer. Be very careful not to apply too much force as the wafers are easily snapped in two. Now you have nearly

(Continued on following page)

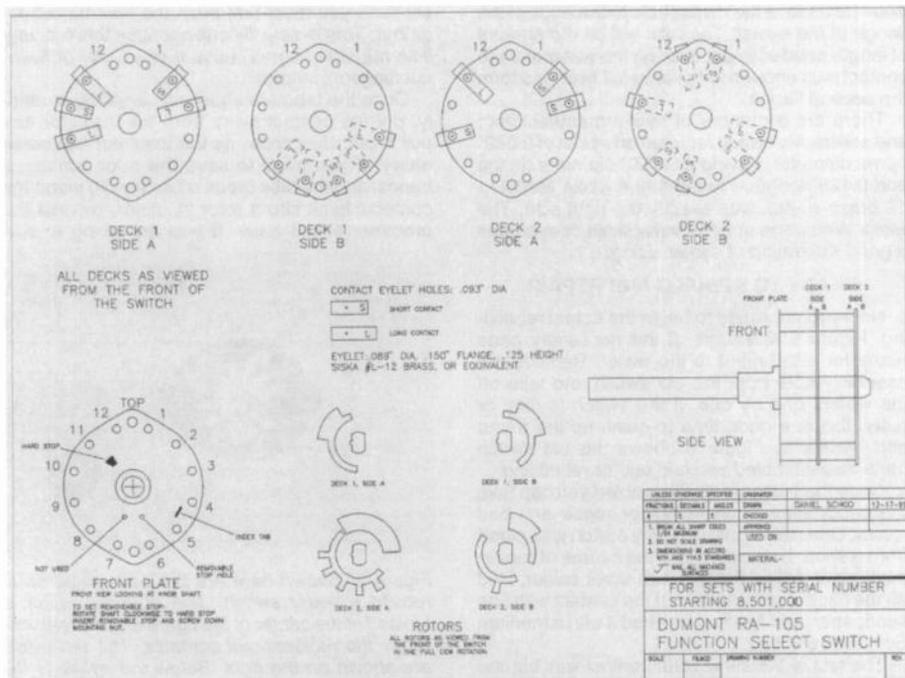


Figure 2. An example of complete mechanical documentation of the old switch.

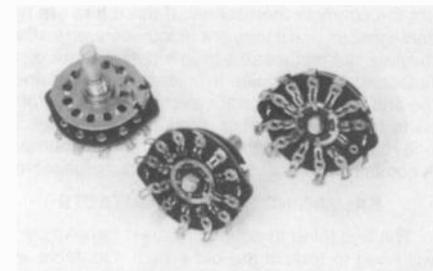


Figure 3. These wafer switches are examples of good switches that can be harvested as a source of parts for the repair of defective switches.

(Rebuilding Rotary Wafer Switches, continued)

all of the parts to start reassembly.

In addition to the new wafers and contacts you will also need new eyelets. You cannot reuse the old eyelets. Eyelets are dimensioned by the outside diameter of the barrel portion, the outside diameter of the flanged or flattened flange end, and the overall height from the bottom of the flange to the straight end.

The diameter of the barrel is determined by measuring the diameter of the hole in the wafer. The outside diameter of the barrel should be several thousandths of an inch smaller. The barrel on the old eyelet will be larger than new one because it expands when it is pressed in.

The flange diameter can be measured directly from one of the old eyelets (hollow rivets). For the length, measure the thickness of the wafer and contact and add those values to the distance from the edge of the center hole to the edge of the flange of the eyelet. The total will be the amount of length needed to get through the wafer and the contact plus enough left over to roll over and form the second flange.

There are a number of eyelet manufacturers and sellers. My switch required an eyelet of 0.089" barrel diameter, having a 0.150" diameter flange and 0.125" length. I found that a Siska Model L-12 brass eyelet, was exactly the right size. The Siska Web page at <http://www.siska.com> carries a good illustration of eyelet sizing.

#### READY TO REBUILD AND REPAIR

Now you are ready to begin the actual rebuilding. Figure 5 shows all of the necessary parts ready for attachment to the wafer. Remove the assembly nuts from the old switch and take off the wafers one by one. If the switch is dirty or rusty, this is a good time to clean up the frame and hardware. Figure 6 shows the old switch parts disassembled and laid out for rebuilding.

Once the parts are disassembled you can take the opportunity to clean and/or repair any bad rotors. One rotor contact on my switch was pitted from a short that occurred in the course of repairing the set. I filled the pits with silver solder, filed off the excess, smoothed out the contact with fine sandpaper, and finally burnished it with a medium Scotchbrite™ pad.

The end of the same rotor contact was bumed off. This problem was a little more difficult but still

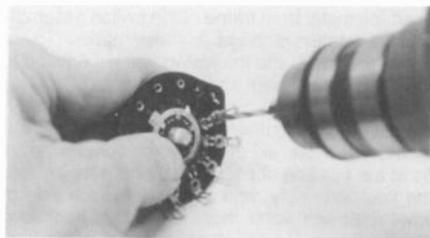


Figure 4. A drill bit slightly larger than the inner diameter of the eyelet can be used to remove the flared end of the eyelet. In this photograph, an electric hand-drill is used to drill out an eyelet.

fixable. First, I trimmed the bad end off the contact and harvested a rotor contact out of one of the donor switches. Then, I cut a small piece of the end of a good rotor section and fitted it to the end of the bad contact. Securing the two together with a bead of silver solder, I then smoothed off the excess with the file/sandpaper/Scotchbrite procedure used on the other repaired pits.

Repairing the broken center insulator was more difficult. I carefully removed the contacts from the burned and broken rotor by chopping the old insulator up and picking the broken pieces off the rotor contacts. I salvaged a new rotor from the donor switch and removed all the existing contacts.

This is the most difficult part of rebuilding. The rotor contacts are held to the insulators by tabs. The tabs are inserted into slots in the insulator perpendicular to the contact plane. Once inserted, the ends that protrude from the opposite side are split to hold them in place. To remove the contacts you must first push the split halves together. This is very difficult because there is very little material to grab. I use a small pair of flush-cut diagonal cutters.

Once the tabs are squeezed together carefully, pry the contact away from the insulator and pull it out. Be gentle, as the insulator will break easily. If you need to save the rotor contact, it bends, and the tabs break off easily. To insert the contacts back into a rotor insulator, reverse the process. It isn't easy. If you are going to ruin

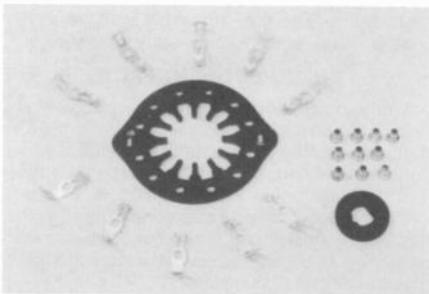


Figure 5. Shown here are the parts required to rebuild a wafer switch. The phenolic stator is located at the center of the figure and is surrounded by the replacement contacts. The ten eyelets are shown on the right. Below the eyelets is the phenolic rotor.

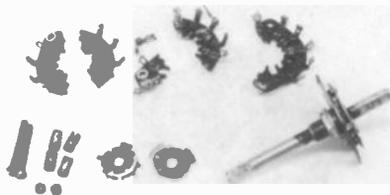


Figure 6. The damaged switch is shown ready for rebuilding after its disassembly.

anything, this will be it.

On most switches, the rotors must be put into the center hole before any of the contacts can be attached to the wafer. There are fingers in the wafer that hold the rotor in the center. This does not allow for any lateral movement of the center rotor. If the contacts are mounted to the wafer first, there is no way to install the rotor afterward.

Begin by placing the rotors in the center of the wafers as shown in Figure 7. If you cannot by any means insert the rotor in the wafer because the rotor contacts are in the way, you will have to remove enough of the contacts on one side of the rotor to clear the wafer fingers. Once the contacts are removed, insert the rotor in the wafer and reinsert the contacts in place. Now you are ready to replace the stationary contacts.

Follow your documentation and fasten each stationary contact in place using an eyelet and a suitable flaring tool, as shown in Figure 8. Place each contact with the same side of the contact facing out, as it was on the donor switch. Rotate the rotor to a blank position if you can; otherwise, slip the stationary contact into the rotor and place an eyelet through the contact. Then, the eyelet can be flared, using the press.

When all of the contacts are in place, the wafers are ready to reassemble on the frame. The finished wafer assemblies will look like Figure 9. Follow your drawings and place the wafers on the switch frame in the proper order with the proper side out. Be sure that the rotary contacts and the wafers are rotated to the position indicated in reference to the landmarks on the front metal frame. The final assembly is shown in Figure 10 with a rebuilt switch ready for installation.

### SOME PERTINENT FACTS

I'm going to tell you something you very seldom, if ever, read in this type of repair article. To read an article that makes unreasonable assumptions is annoying. I've read instructional articles that describe doing things with tools and parts I've never heard of, as if everyone's grandmother had them in her kitchen. To be honest, this switch-rebuilding article makes several assumptions that may be difficult to duplicate.

First you need a source for donor switches. This isn't necessarily a big problem but it can be. I was lucky in that the switch I rebuilt was a very common design and parts could be found easily. Finding eyelets is more of a challenge. I did a Web search on the Internet and found a manufacturer with a broad product line called "Siska." Manufacturers normally sell eyelets in large quan-

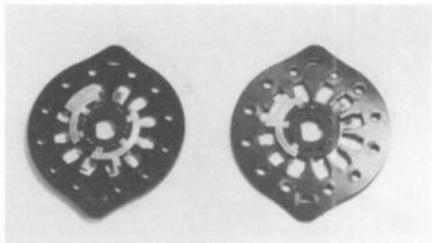


Figure 7. When rebuilding wafer switches, it is necessary to install the rotors before the stationary contacts are installed. This figure shows examples of rotors in place prior to the replacement of the stationary contacts.

ties. Unless you get 20,000 of them, it isn't worth the trouble to pack and ship. I called Siska, told them what I was doing and requested samples, which they were gracious enough to supply. Hobby shops and small parts specialty retailers are a good place to look too.

If you find a source for eyelets you need a setting tool or press to install them. I happened to find one of the correct size in a shop where I work. If I had to buy one — and I found places that sell them — it wasn't worth the price to fix one switch. [Suitable eyelets are also available from Mouser Electronics 958 N. Main, Mansfield, TX 76063, 1-800-346-6873. They also sell an inexpensive staking tool that can be used with a drill press.]

The final result is I enjoyed doing the restoration, and it was worth the effort. However, unless you already have some tooling and parts or can get them easily, it isn't practical. I was told by more than one fellow collector that I was nuts, but I wanted to see if it could be done and to prove a point.

You may not want to perform a full-scale rebuilding, but the same techniques can be used

*(Continued on following page)*

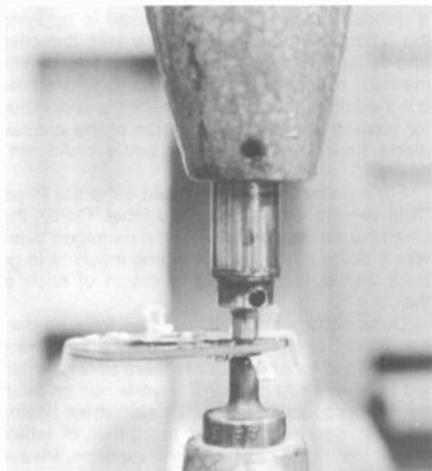


Figure 8. Replacement stationary contacts are fastened to the phenolic wafer by eyelets. This figure shows a press and flaring tool used to fasten the contacts.

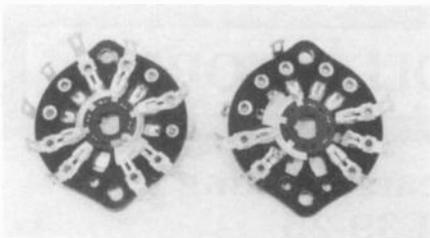


Figure 9. The completed wafer sections ready for assembly with the other switch components.

(Rebuilding Rotary Wafer Switches, continued)

for simpler repairs. In a pinch you can substitute small screws and nuts for the eyelets. A simple replacement of a couple of stationary contacts could be done that way.

Supplier: Siska Inc., P.O. Box 921 – 8 Rosol Lane Ext., Saddle Brook, NJ 07663, 1-800-393-5381. Web: <http://www.siska.com>

(Daniel Schoo, 526 Colonial Dr., DeKalb, IL 60115)

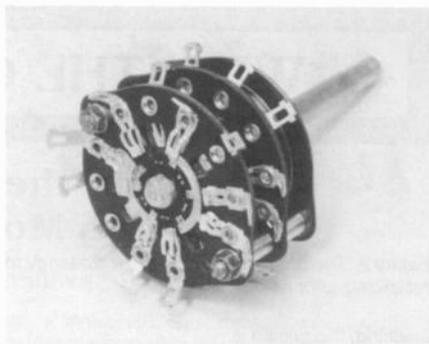


Figure 10. The rebuilt switch looks as good, or maybe even better, than new.

Daniel Schoo is an electronics design engineer with a lifetime interest in antique technology, especially radio and television equipment. In addition to 1930s and 1940s radios and video cassette recorders, he collects vintage vacuum tubes, neon lamps, and tube data books.

## Pepsi Cola and Champagne Bottle Radios

BY DALE DAVENPORT

For those of us who have a tube-type Pepsi Cola or Champagne bottle radio from the early 1950s, it is frustrating that the label is often missing in part or in total. Now perhaps we can understand why so many of these very collectible sets are damaged in this way. Apparently that's the way they were sold in the first place.

According to the ad shown at right, the Pepsi Cola and Champagne bottle radios were sold at a discount because "the glue used in applying the labels on the plastic bottles was defective and caused the labels to become loose or a little messy... a defect that did no harm to anything but the label... but one that makes a terrific buy for you... it still is a quality radio or the chassis alone has many uses if a bottle radio isn't desired."

For a paltry \$11.88 you could order the Pepsi Cola version with a damaged label. Oddly, the Champagne version, also with a damaged label, was a dollar more. Oh, for a time machine to go back and order a couple of dozen of each of these!

Does anyone know of a source for reproduction labels for those surviving sets with missing or damaged label decals? Is there enough interest to have a run made? If anyone has an interest in reproduction labels, I'll see about having artwork, separations and reproduction labels made; that is, if I can justify the expense. Please contact me at the address below:

(Dale Davenport, 622 S. 18th St., Fort Smith, AR 72901)



### TOP-MAKE 5 TUBE SUPER-HET WITH TWO DOUBLE TUNED IF TRANSFORMERS

- Quality components throughout.
- Attached to the chassis is a quality 4" PM speaker. Tubes 12BE6, 12BA6, 12AT6, 50B5, 35W4.
- Compact construction 7 1/2 x 5 1/2 x 6" over-all.
- Volume control and switch and loop antenna are with wire leads, plus long tuning shaft makes this chassis ideal for the unusual mounting in built-ins, lamps, etc.... Yet easily adaptable to regular cabinets, etc.

No. 36A115. Pepsi Cola Bottle Radio.  
(Label damaged)..... \$11.88  
No. 36A116. Champagne Bottle Radio.  
(Label damaged)..... \$12.88

Ad credit: Burstein-Applebee Company Catalog No. 511, Kansas City, Mo., 1951.

# WITH THE COLLECTORS

## Philco and the Years Leading to the Model 39-25

BY RICHARD ARNOLD

Once again, Richard Arnold presents a little history of a company's rise in the radio manufacturing industry — in this case, Philco. He then zeroes in on a particularly attractive table model of the late 1930s. (Editor)

By 1928, when the Philadelphia Storage and Battery Company, known as Philco, made a decision to get into the radio receiver manufacturing business, radio had come a long way. From 1922 to 1924 alone, more than 3,000,000 radio sets were sold, 560 commercial broadcasting stations were in operation in the United States, and 16,000 amateur transmitters were in use. There were 12 transoceanic stations communicating with Europe and Latin America and 2,700 radio-equipped ships.

The 20,000,000 listeners constituting the 1924 radio audience spent \$175,000,000 on radio equipment, giving, in turn, employment to one-half million people. In addition, 3,000 manufacturers were turning out sets or parts of sets, 30 radio magazines had been started, and 250 books on the subject had been published.

Since RCA had all the patents sewed up and was reluctant to issue new licenses, it was no easy task for Philco to enter the competition. However, in February 1928, Philco purchased the William J. Murdock Company for \$100,000 and acquired Murdock's license to manufacture TRF sets. RCA honored this arrangement.

At first, there were no real problems. Philco started to make its own hand-painted, metal cabinet receivers and sold them directly to the public. RCA received 7.5 percent of the entire package price. Philco was also required to purchase all tubes from RCA.

In 1932, Philco split into two separate companies and established the Philco Radio and Television Company. This was an effort to reduce still further the RCA royalties, which had diminished to 5 percent for domestic sets and 2.5 percent for exports. After a court battle, the Supreme Court of Delaware found in favor of Philco, and RCA was forced to reduce royalties across the board to 2.4 percent of the net selling price for everyone.

### THE MODEL 39-25

By 1940, just a year after the Model 39-25 had been introduced, Philco too had come a long way. The company had sold 1,675,000 radio sets, and was surpassed only by RCA with its 1,700,000 record of sets sold.

The Philco Model 39-25, shown in Figure 1, was among the more popular models. This slant-front table set is a 5-tube superheterodyne and mea-

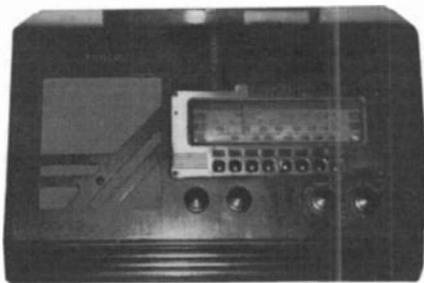


Figure 1. The Philco Model 39-25.

sures 18½" x 10¼" x 10". It has a Deco design speaker grille and push buttons. The frequency bands are a standard broadcast band covering 540 to 1720 Kc and shortwave band capability of 4.9 to 18.0 Mc.

The set uses a conventional pulley and dial-cord drive for manual tuning and 8 push buttons for the automatic tuning. The frequency tuning ranges of the push buttons are as follows:

Buttons 1 and 2: 540-1030 Kc.

Buttons 3 and 4: 670-1160 Kc

Buttons 5 and 6: 900-14790 Kc

Buttons 7 and 8: 1170-1600 Kc

The tube complement consists of the following types: 6A8G detector and oscillator; 78 IF; 75 2nd detector, AVC, 1st audio; 84/6Z4 rectifier; 41 audio output.

The style of the Model 39-25 continued to be popular through at least 1942. Today, it shows up at events like the Vintage Radio and Phonograph Society fall auction in Dallas, Texas, where I saw it as a contest entry.

### References:

Bliven, Bruce. "How Radio is Remaking Our World."

*The Century Magazine*, June 1924.

Herrington, Donald. *How to Read Schematic Drawings*. Howard W. Sams and Co., 1962.

MacLaurin, W. Rupert. *Invention and Innovation in the Radio Industry*, 1949.

Ramirez, Ron. *Philco Radio 1928-1942*. Atglen, Pa.: Schiffer Publishing, Ltd., 1993.

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

Richard Arnold, a frequent contributor to A.R.C., has been collecting radios since 1985. His interest is primarily in cathedrals and 1920s battery sets, and his collection ranges from crystal sets to a 1928 American Bosch in a Pooley cabinet. His prize is the 1932 JB Peter Pan featured in the June 1991 A.R.C.



# RADIO MISCELLANEA

"Radio Miscellanea" includes items of general interest selected from A.R.C.'s incoming correspondence. "In The Marketplace" items are based on information submitted by the businesses themselves. "From The Internet" items are obtained from internet newsgroups and other internet resources. Submitted items should be verified for accuracy; items may be edited by A.R.C. for publication, and publication is not guaranteed. See the masthead for more details.

## Raleigh, N.C., Swap Meet Canceled

Dear Editor:

The Carolinas Chapter-AWA swap meet announced for July 22, 2000, in Raleigh, North Carolina, has been canceled. The cancellation is due to a scheduling conflict with the North Carolina Fairgrounds and to the difficulties I have encountered in trying to arrange a meet more than three hours away from my home.

All future CC-AWA meets will have a local person handling the planning. However, I will continue to do the publicity for such an event.

If anyone is interested in hosting a swap meet in the summer of 2000, please contact me. If possible, I would like a firm date by September 1.

Ron Lawrence, P.O. Box 3015, Matthews, NC 28106

*The close proximity of A.R.C., the organizer of the Westford, Mass. radio winter meet, to the locale contributes greatly to its success. (Editor)*

## 10-Year A.R.C. Fan

Dear Editor:

I've been a continuous subscriber of A.R.C. for 10 years and haven't missed an issue. It's gotten to be a habit, almost as necessary as eating. Except for a few (lent and not returned), I have all my copies.

Just about everything you publish — the articles, questions and answers presented, auction listings — everything is useful and interesting. I enjoy reading about the models I serviced in my shop and in homes. Even now, after 43 years in the field and having sold the business, I get to restore an old gem like the Kennedy Model 20 on the bench right now.

Keep up the good work.

Lawrence M. Kellelt, Fond du Luc, WI

## Crosley Heir Passes Away

Dear Editor:

Lewis Crosley, grandson of Powel Crosley, Jr., founder of the Crosley Radio Co. of Cincinnati, passed away in Sarasota, Florida, on May 8, 2000. As I said in my February 1999 A.R.C. article, the Crosley summer mansion in Sarasota is being restored partially as a museum for the Crosley collection, dating from the early 1920s to 1956. Lewis was a force behind that effort, which is ongoing.

Born September 8, 1933, at the Crosley mansion, built in 1929, Lewis lived there for only six years. He then moved with his family to their other home in Cincinnati, Ohio, where he grew up. After service in the Air Force, he worked for the Cincinnati Reds baseball team organization, which his grandfather owned. Lewis did not return to Sarasota until his retirement in recent years.

The hope is that the Crosley radio heritage will continue at the mansion, which, as I said in my article, is worth a visit for its spectacular setting alone.

Dave Crocker, Mashpee, MA

## More on Carpinchoe

Dear Editor:

Regarding Ted Rogers' inquiry in the May 2000 issue of A.R.C. [responses in the June issue], engineers at Stromberg-Carlson felt that carpinchoe leather, the skin of a South American rodent, had the best characteristics (strength, pliability, etc.) for attaching the speaker cone to the frame. I was an electronics technician in the Research Lab at Stromberg-Carlson for several months in 1942 and again after my return from Air Corps service in World War II. Helping engineers in the Acoustics Lab, I saw many carpinchoe speakers.

Dick Bender, Winter Haven, FL

## In the Marketplace — Waves on the Move

Dear Editor:

Waves, since 1978 a New York City purveyor of antique radios, phonographs, telephones, TVs, neon clocks, and signs, among other collectibles, is on the move to a new and larger storefront. The location is the Downtime Recording and Rehearsal Building at 251 W. 30 St., between 7th and 8th Ave. A fine selection of vintage recordings from the turn of the 20th century to the R&B rhythms of the 1950s will also be available. Continuing services will include repair services and rental of stock for stage productions, music videos, and other media.

Charlotte Mager, Waves, New York, NY

## On the Collins Auto-Tune

Dear Editor:

I hope the following information about the Collins auto-tune transmitter (May 2000 A.R.C., *Miscellanea*) proves useful to Alton DuBois. During a tour as an instructor at a Navy Class C Electronics School, we had an AN/URC-32 "Auto-Tune" transmitter, made by Collins, that could tune-up on several preset frequencies. When the old telephone dial on the front was dialed to one of the numbers 1-0, it would tune the necessary doublers and triplers to arrive at the correct transmitting frequency. Then the antenna coupler would automatically tune and load for minimum standing-wave ratio to the whip antenna normally aboard ship.

We had a complete set for training purposes with a whip as found aboard ship. Students were taught in a few weeks to maintain the complex installations.

Later, aboard the heavy cruiser USS St. Paul, we had whips coupled to transmitters by similar "Auto-Tune" antenna couplers. Any HF frequency sent to the coupler would cause it to load the whip to the best possible standing wave ratio for optimum radiation. The coupler's main problem was leakage of pressurized nitrogen (used to allow tuning without arcing) causing an interlock system to prevent operation when the pressure fell below a minimum amount.

Stan Lopes, Concord, CA



**FOR SALE:** The C-D Capacitor, over 100 issues from 1940-1960, vg - \$20. The Radio Amateurs Handbook, revised by Robert Hertzberg, hardback, vg - \$15. Orig. AK Instruction Book Vol. 2, exc - \$45. Copy AK Service Manual - \$15. Buzz Miller, 725 Mt. Rock Rd., Carlisle, PA 17013. (717) 776-3279. E-mail: buzzm@sprintmail.com

**FOR SALE:** N.I.B. Westinghouse 421A, box has slight shelf wear - \$55, including shipping continental USA. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. E-mail: w9itt@mindspring.com

**FOR SALE:** C1K-6014, 829B, 6083, 3B28, 6085, 7643, 12BH-7A, 6072A. L.G. Atkins, PO Box 455, Camden, TN 38320. (901) 584-7037

**FOR SALE:** C.I. ship speaker, creme - SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

**FOR SALE:** Test equipment: Triplet AM/FM signal generator Model 3433 100 Kc to 120 Mc - \$75; Hickok TV sweep generator Model 610A - \$75; Approved Electronics Instrument Corp. TV field strength meter Model A460 VHF - \$50; Electronic Measurements Corp. 5" oscilloscope Model 601 - \$50; Sencore TV field strength meter UHF/VHF transistor type - \$25. All items require restoration. Free shipping in US. Michael Allen, 23872 Calle Hogar, Mission Viejo, CA 92691. (949) 837-9334

**FOR SALE:** The Radio Boys on the Pacific, by Chapman, vg condition - \$35 includes postage. Bob Barr, 3130 Bellanca St., Columbus, GA 31909. (706) 322-2180

**FOR SALE:** GE Model 402 table radio - \$25. Jon D. Andreasen, PO Box 22, Newton, NJ 07860. (973) 579-6261, 6 to 8 PM weekdays, Eastern. E-mail: jda@nac.net

**FOR SALE:** Tubes, vintage parts etc. Send requirements - \$1 catalogue. Radio Bin Etc., 450 Wright St., Welland, Ontario, Canada L3B 2K5

**FOR SALE:** RI made trf by Royal, Teletone table model speaker, telegraph knobs and sounders. Jay McAlister, PO Box 1889, Costa Mesa, CA 92628-1889. (714) 963-1627

**FOR SALE:** Rare tubes, UV, UX, WD, DV, rainbow, colored, brass base, tips. Expensive. Ray Winter, 1745 Rocky Rd., Fullerton, CA 92831. (714) 526-3035. Fax: (714) 526-0568. Call after July 3

**FOR SALE:** Battery sets: AK49 Crosley V, Holmes, Kenman, Silver Marshall. Early Collins paperwork. Bill Coolahan, 1450 Miami Drive NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

**— WANTED —**  
**PICTURES FOR PHOTO REVIEW OR TELEGRAPH REVIEW**  
**PHOTOS MUST BE SHARP IN DETAIL**  
**A SHORT DESCRIPTION IS A MUST!**  
**SEE PHOTO REVIEW PAGES FOR ADDITIONAL INFORMATION**

**FOR SALE:** Zenith Trans-Oceanic 3000-1 working, complete - \$175. Ted Demski, 5806-225 Pl. SW, Mountlake Terrace, WA 98043. Ph./fax: (425) 778-7100

**FOR SALE:** (5) WECO amps, KS-19602 L1, 25W, PP 7591, mfg. by McIntosh with classic cathode winding and cross-coupled screen plate, with schematic and documents, all tested to clip at 25W or more, gray rack mount 3RU - \$800 each or BO. Jim Heidenreich, 3879 Grand River Rd., Rome, OH 44085. (440) 563-3009. E-mail: jech@alltel.net

**FOR SALE:** Unique magazine collection: 1919 to 1940, 1400+ magazines including Radio Radio Retailing, Radio News plus many others, some are rare - \$8,700 (about \$6 per issue). Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

**300+ STALLHOLDERS**  
will be exhibiting at the next . . . .

## National Vintage Communications Fair

**HALL 11 • NEC (Birmingham) • UK**  
• Sunday 17th September 2000 •  
— 10.30am - 4pm —

Britain's premier event for buying

VINTAGE  
**RADIOS,**  
EARLY  
TVS, and  
GRAMS

etc. etc.



**For further details/bookings:**

NVCF, 13 Belmont Road, Exeter, Devon, ENGLAND

— Telephone (01392) 411565 —

Internet <http://www.angelfire.com/tz/sunpress/index.html>



## BUY/SELL TUBES

**NEW & USED**

SEND FOR OUR "WANT LIST"  
OR  
OUR **FREE** CATALOG

**ELECTRON TUBE ENTERPRISES**  
**P. O. BOX 8311**  
**ESSEX, VT 05451-8311**

**TEL: 802-879-1844**  
**FAX: 802-879-7764**

**EMAIL: [etetubes@vbiemail.champlain.edu](mailto:etetubes@vbiemail.champlain.edu)**

**WANTED:** National Company emblems, escutcheons, WWII era equipment. Will trade HRO coils or purchase. Don Barsema, 1458 Byron SE, Grand Rapids, MI 49506. E-mail: DBARSEMA@prodigy.net

**NOTICE TO ALL  
CLASSIFIED ADVERTISERS!  
OUR CLASSIFIED AD DEADLINE IS  
12:00 NOON  
ON THE 10th OF EACH MONTH**

**WANTED:** Navy radio gear for museum opening at 1854 Naval Base. Mare Island Historic Park Foundation, Kenneth A. Zadwick, 328 Seawind Dr., Vallejo, CA 94590. (707) 557-0662. E-mail: kenz@atdial.net

**WANTED:** Prewar Capeheart power & audio amp section for a Panamuse 22 M-2 FM. Also need glass dial plate and main speaker. E.J. Crummey, 11560 Sunshine Ter., Studio City, CA 91604. (818) 506-4828. E-mail: jcrummey@primenet.com

**WANTED:** Philco 20 push/pull input transformer. Willing to buy junker chassis. Brad Winder, Box 160, Hay Lakes, Alberta, Canada T0B 1W0. (780) 878-3262. E-mail: rubcad58@hotmail.com

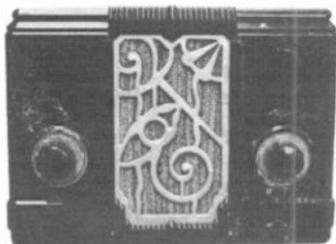
**WANTED:** Metal escutcheon ring, glass and (3) tube shields for Philco 37-630 console. Allan Deeg, Box 73, Admiral, Saskatchewan, Canada S0N 0B0. (306) 297-3014

**WANTED:** Junk chassis, or tuning condenser from, Zenith 6S152 (chassis 5634), or DC version 5F134 (chassis 5518). Radiola 17 round escutcheons and brass on switch. Gordon Ormsby, 1855 N.W. Circle Pl., Corvallis, OR 97330. (503) 753-6398

**WANTED:** Chrome (aluminum?) trim strips for a Hallicrafters S-20R receiver. Skinner, 3 Meadowfield Ct., Ormond Beach, FL 32174. (904) 673-0197. E-mail: k4lvz-w4tqe@msn.com

**WANTED:** It's the round one. Excellent original working Wilcox-Gay A-17. Joseph Di Caro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. (905) 848-7759. E-mail: joedicaro@excite.com

**WANTED:** E.H. Scott speaker and cabinet for Allwave 23, Nelson-Fross 034 manual. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (610) 367-0861



**WANTED:** Early (prewar II) plastic radios. I collect these objects of beauty to enhance my otherwise dull and uneventful life to which I am forever bound by my sad-but-true unworthiness and shortcomings: physical, emotional, and intellectual. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Kodol radios. 1 & 2 tube and crystal sets. Mike Fletcher, 1204 Cedar St., Niles, MI 49120. (616) 684-2174. E-mail: fletchms@qtrn.net

**WANTED:** Antique brass microscopes. Scientific and medical apparatus. Optical and electrical. Allan Wissner, Box 102, Ardsley, NY 10502. (914) 693-4628. E-mail: wissner@bestweb.net

**WANTED:** The book, Wireless Telegraphy for Amateurs and Students by St. John. Robert Stapleford, 1800 S.W. Randolph Ave., Topeka, KS 66604-3158

## A. G. Tannenbaum

**Electronic Service Data**  
PO Box 386, Ambler, PA 19002  
Phone: (215) 540-8055  
Fax: (215) 540-8327



**FOR**  
**Vintage Parts & Service Data**  
**1920's - Present**

**Credit Cards Welcome**

Browse our on-line catalog at  
[www.agtannenbaum.com](http://www.agtannenbaum.com)

## CLOSING DOWN MY GRILLE CLOTH BUSINESS!

Clearance sale in progress, only 19 patterns still available (including some of the more popular ones).

Prices are 25-50% below original pricing. Stock up now while prices are so low and cloth is still available.

For a fax listing of prices and availability, write to me or fax your request to:  
(212) 947-1148.

**Samples are still available -  
Send 55¢ LSASE (4"x10")**

**MICHAEL KATZ**  
3987 DALEVIEW AVENUE  
SEAFORD, NY 11783  
(516) 781-6202 (EVENINGS/WK-ENDS)

**FOR SALE/TRADE:** BC-669D, BC-611, BC-457, BC-1000, BC-1000 battery box, TS-15 handsets, PE-77 Dyno, Collins ARC-52X. **WANTED:** CH-27 chest PPN-1 T-39 chest unit, BC-721, FL-10, GN-44. Tubes VT-1, VT-2. Steve Bartkowski, 4923 W. 28 St., Cicero, IL 60804. (708) 863-3090

**FREE – 20 WORD AD EACH MONTH**  
**To get your free 20 words,**  
**include your SUB# with your Ad.**  
**Additional words are 29¢ each.**  
**Read inside back cover for details.**  
**MANY THANKS!!!!!!**

**FOR SALE:** Setchell-Carlson radio, used on hospital beds, put 10¢ in, plays 1 hr. Ken Flockhart, 425 S. 18th St., Fort Dodge, IA 50501. (515) 573-5477

**FOR SALE:** Hickok color bar gen. 246. Hickok signal gen. 615. Setchell-Carlson TV units. Sams Photofacts 1-1709. Ann Bichanich, Jay's, 15W. Lake St., Chisholm, MN 55719. (218) 254-4421

**FOR SALE:** WECO KS-10014 loud speaking telephone (wall mount speaker), wooden case has a few nicks, good speaker – \$250 or BO. Jim Heidenreich, 3879 Grand River Rd., Rome, OH 44085. (440) 563-3009. E-mail: jech@alltel.net

**FOR SALE:** Crosley Cat. #124, clean, working, no damage – \$295 + S/H. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (941) 482-0198

**FOR SALE:** Tektronix Type 5640 storage oscilloscope, has 2B67 analyzer and 3A74 amplifier, lights up, otherwise untested – \$75 OBO. Stephen Mauck, 428 S. Purdy, Lyons, KS 67554. (316) 257-5582

**FOR SALE:** Majestic 300A chassis restored & cabinet refinished, without doubt the most beautiful set Majestic made (E.O.R. 2, p. 127) – \$950. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

## **ABSOLUTE ESTATE SALE AND RADIO AUCTION**

**Saturday, July 29, 2000**

**10 AM – Estate Sale**  
**12 NOON – Radio Auction**

**2522 Summertree  
Tupelo, Mississippi**

(from McCullough Blvd., go South on Coley Rd. for ¼ mile, turn right on Ridgeway Dr. and follow signs)

**Bruce Ramage was a collector of radios for over 35 years. At the time of his death in 1999, all of his radios had been restored and were in working order.**

Fulton Auction Company of Fulton, Miss., will be conducting this auction.

If you would like additional information, please contact them at 662-862-2835.

**FOR SALE:** Physics book, 1921, discusses early radio – \$20. Fundamentals of Radio, Everitt, 1942 – \$15. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Ph./fax: (440) 331-9206

**FOR SALE:** Cathedrals and tombstones SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

**FOR SALE:** Hammarlund HQ100 receiver, complete, looks good, for servicing/and or repair – \$85 ppd. R.G. Purcell, 4473 W. 136th St., Cleveland, OH 44135. (216) 251-6511

**FOR SALE/TRADE:** Shure Mic Mixer – \$75. RBL-3 – \$150. BC-312M – \$175. BC-342 – \$300. BC-348 – \$250. Heath/MR-1/MT-1 – \$250. EK-1 – \$50. E-list. Sam Timberlake, KF4TXQ, PO Box 161, Dadeville, AL 36853-0161. (256) 825-7305. E-mail: stimber@lakemartin.net

**FOR SALE:** NORA (German) 7" md./3.5 ohm PM speaker – \$12 + ship. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

**FOR SALE:** Electronics books, courses, magazines, parts, etc. List for stamp. Bob Eckert, 133 E. 7th St., Clifton, NJ 07011-1104

**FOR SALE:** National NC 125 working. Hoover Noonan Rt. 1, Box 187, Pineland, SC 29934. (843) 726-5762

**FOR SALE:** Zenith T-O #3000, complete, working – \$85. Atwater-Kent automotive ignition switch box, vintage 1904-1912 – \$40. Photo collectors: Wynne's "Infallible Exposure Meter" vintage 1906, pocket watch size, English mfg. German export, instructions, original box – \$25. All plus UPS. C. Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

**FOR SALE:** Zeniths: T-Os G-500 plays, orig. manual, vg – \$145; T-600, vg – \$110; console 5F166, vg – \$125 p.u. (2) 10S464 cabinets, (1) empty, (1) with chassis, blackdial, some knobs & pushbuttons, no speakers, both – \$75 p.u. RCA console 17K recapped, may part out – \$100. Crosley 124 Playtime grandfather clock, plays, exc – \$800. MESSAGE: Person who sent dial center for Silvertone 3351, candycane please call, need another part. Buzz Miller, 725 Mt. Rock Rd., Carlisle, PA 17013. (717) 776-3279. E-mail: buzzm@sprintmail.com

**FOR SALE:** Dyna SCA-80Q – \$50; FM-5 – \$45; PAT-4 – \$25; + shpg. Don Behrens, 2417 W. Acacia Rd., Glendale, WI 53209. (414) 228-1980

**FOR SALE:** Huge Hickok 225 VTVM with manual – \$60 delivered UPS. E-mail photos available. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614. (218) 226-4192. E-mail: catt@lakenet.com

**WHAT IS YOUR PRICE?  
1920'S TO 1930'S RADIO**

**COLLECTION WANTED  
ESPECIALLY IF IT INCLUDES  
A SELECTION OF BREADBOARDS  
AND/OR UNUSUAL SPEAKERS.**

**Will buy as is, where is.**

**Russell Ofria**

**8432 Darby Ave., Northridge, CA 91325  
818-989-5222 days, 818-701-6181 eves PST**

# 39TH ANNUAL AWA HISTORICAL RADIO CONFERENCE

Antique Wireless Association, Inc.  
Wednesday-Saturday, September 6-9



Thruway Marriott Hotel  
Rochester (Henrietta), N. Y.  
(716) 359-1800 for reservations



Easy access from the New York State Thruway  
(I-90), I-390, or Rochester Airport

Four days of outstanding activities for  
the radio collector and historian

- Note: All activities are open to AWA members only. Please contact the secretary for complete information.
- We will also feature a huge flea market, several auctions, visits to the AWA Museum and Annex and the popular Old Equipment Contest. An indoor Book Fair and Ladies Luncheon plus a sight-seeing trip are also planned.

---

## Programs:

## Theme: Crosley

Annual Historical Banquet and Awards	— Program to be announced
Those Few Companies Still Manufacturing Vacuum Tubes	— Lud Sibley and members of The Tube Collector's Association
Hallcrafters — A History of the Company and the Ascent of the BC-610	— Robert Grider, K7AK
Crosley and Super Power Station WLW	— Charles Stinger
Beginner's Program: Evolution of the Broadcast Receiver (After the talk, those interested will be invited to meet with Marc Ellis and President Bill Fizeffe for an informal discussion of basic radio restoration issues.)	— Marc Ellis
Key and Telegraph Seminar	— Tom Perera & a panel of experts
The Museum of Radio & Technology — An Overview	— Lloyd McIntyre
The 32-Volt DC Farm Lighting System	— Dale Goodwin
News for the Short Wave Listener	— Bart Lee
Pre-1912 Wireless and Electrical Apparatus Display & Discussion	— Lauren Peckham
Review of Amateur Operation	— Mike Raide, W2ZE & Bob Raide, W2ZM

---

Details: AWA, Box E, Breesport, NY 14816. Secretary's phone: (607) 739-5443

**FOR SALE:** Man's Nipper tie, RCA promotion, old; Yamaha stereo broadcast mixer, MX200-12 - \$300; WL 2J31 Westinghouse Magnetron - \$40; small Emerson 851B - \$30; Monarch MC 131 microphone and stand - \$30; (4) used good 6CA7/EL34 tubes - \$55 for all; Webster 80-1 wire recorder with (4) rolls of wire - \$90. Radio Shack bicentennial radio - \$35; N.O.S. 21ZP4B Dumont CRT - \$100; used good 10FP4/10BP4 CRT - \$120. **WANTED:** Old stock ticker. Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. (859) 484-9393. E-mail: charper@kyk.net

**FOR SALE:** Gen. Radio 650-A bridge w/AC osc-amp (meas. R, C, L, Q) w/manual, exc - \$125 + S/H. Charles Kirsten, Radio Relics, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491

**FOR SALE:** Music Master wood horn speaker Model VIII 50207A nice - \$125. Rola cathedral dynamic power speaker, nice - \$60. All plus shipping. Ken Armstrong, Box 216, Stormlake, IA 50588. (712) 732-3012

**FOR SALE:** Marconi 1913 beautifully engraved, illustrated genuine old stock certificate! Only - \$38. Ken Prag, Box 14817, San Francisco, CA 94114. (415) 586-9386. E-mail: kprag@planetaria.net

**FOR SALE:** Philco Predicta TV excellent works, SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

**FOR SALE/TRADE:** Atwater Kent Model 76 highboy console, chassis needs work, otherwise good - \$100. Ron Russell, 2839 Bristol Ln., Lodi, CA 95242. (209) 367-5819. E-mail: ronruss@neteze.com

**FOR SALE:** GE 405 white - \$40. Airline 84BR-1517A - \$30. Truetime D-2002 brown - \$20. List, LSASE. Jacob, PO Box 9374, N. St. Paul, MN 55109. (651) 777-6791

**FOR SALE:** Radio/TV tubes, N.O.S., non-picture, 1950-60s. Will fax/e-mail list. John Evans, 858 E. Winnetka St., Hemando, FL 34442. E-mail: johnevans@star2.net

**FOR SALE:** Authentic brass binding posts & bases as used on AK breadboards - \$48 doz., \$24 1/2 doz. Paul Thompson, 340 Old Mill Rd. #247, Santa Barbara, CA 93110. (805) 692-1941

**FOR SALE:** A wide range of books, catalogs, and ephemera on wireless, radio, telegraphy, television, electricity, medical electricity, physics, etc. Check the Electro-Technology and Science and Technology catalogs on our website at: <http://www.abebooks.com/home/oldauthors>. We also buy good used books on the above subjects. Roger Hart, VA30A, Old Authors Bookshop, PO Box 1176, Ogdensburg, NY 13669. (613) 543-3337. E-mail: authors@mor-net.on.ca

**One Month Free!**

**BONUS FOR EARLY RENEWALS**

If you renew **before** 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 for an early 2-year renewal!

**FOR SALE:** Sparton 28 chassis - \$45. General Radio strobetac type 631B - \$75. Carl Steinberg, 5 Cannan Rd., Monsey, NY 10952. (914) 352-0701. E-mail: csteinberg@rflect.com

**FOR SALE:** WECO amp, 100F loud speaking set, wooden cabinet has a few scratches, tested single ended output - \$300 each or BO. Jim Heidenreich, 3879 Grand River Rd., Rome, OH 44085. (440) 563-3009. E-mail: jech@alltel.net

**FOR SALE:** Send for free list of radios, tubes, parts and other ephemera to: Stan Lopes, KB6LGV, 1201-74 Monument Blvd., Spc. 74, Concord, CA 94520. (925) 825-6865. E-mail: splopes@aol.com

## Vintage-Radios.Com® Presents the

OddBall  
RadioFinder

The ultimate reference tool for identifying that unknown radio in your collection.



➤ Over 6,000 photos, descriptions with price guide

Years Covered	
1915 - 1929	25%
1930 - 1939	30%
1940 - 1949	16.5%
1950 - 1959	16.6%
Novelty & Transistor	12%

**Introductory offer**  
39.95 + shipping

- CD Reference Database
- Operates on Windows 95, 98, 2000, or NT
- Does **NOT** Require the use of an Internet Browser



For More Information  
Web Site: [www.vintage-radios.com](http://www.vintage-radios.com)  
e-Mail: [gerry@vintage-radios.com](mailto:gerry@vintage-radios.com)  
Phone: 509-925-1030

**WANTED:** Microphones wanted. Top prices paid for: RCA 44 BX, RCA 77 DX, RCA KU 3A, WE 639. Also: RCA On Air lights and RCA Recording lights. Fast and courteous service. Bill Bryant Management, 955 Davidson Dr., Nashville, TN 37205. (615) 352-3456. Fax: (615) 352-1922. E-mail: billbryantmgmt@home.com

**VISIT A.R.C.'s WEB SITE**  
**www.antiqueradio.com**

**Book Orders – Subscriptions – Articles  
and more!**

**WANTED:** Aerola Sr. in nice condition. Also 864 tubes. Jerald Hueber, 1368 King Richard Pkwy., W. Carrollton, OH 45449-2354. (937) 866-6958. E-mail: pegghueber@aol.com

**WANTED:** New old stock car radio speakers: 8 inch pin cushion, 6 x 9's, square magnet type only. Bill Van Pelt, 4401 S. Plateau Tr., Sioux Falls, SD 57106

**WANTED:** Speakers, hi-fi, theatre, Altec, JBL, Electro-Voice, Jensen, Goodmans, Quad, Western Electric, some "hi end" etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355. E-mail: SonnySound@aol.com

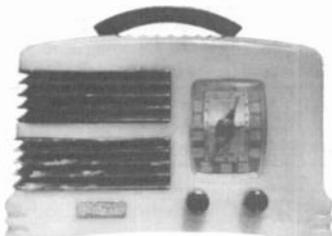
**WANTED:** Old Ham QSL cards. Old Ham QSL cards from 1920s thru 1950s you collected. Why don't you put prices on your ones? As many as possible. Before you throw yours away into trash boxes! Hajime Suzuki, Nishikuniyoshi 1644-24, Ichihara-Shi, Chiba-Ken, 290-0231, Japan

**WANTED:** Rheostat/switch and pilot light for Stewart-Warner 525. Neal Buddenberg, 117 Colony Dr., Arden, NC 28704. (828) 687-9266. E-mail: nealbudd@earthlink.net

**WANTED:** PACO Signal Generator manual (G-30) & Tracer probe (Z80) or junker with probe. Ted Farrell, 605 Mahlon Ln., Woodstock, VA 22664. (540) 459-2487

**WANTED:** Base for Musicmaster horn speaker. See my website [www.interestingoldjunk.com](http://www.interestingoldjunk.com). James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. E-mail: w2ioj@interestingoldjunk.com

**WANTED:** Majestic 130 small pre-war portable. Japanese tube portable radios. Basicom pocket calculators. Larry Gilbert, 2602 Amapola Dr., Davis, CA 95616. (530) 758-5025. E-mail: l.gilbert@thegrid.net

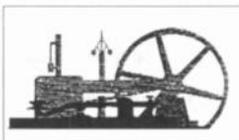


**WANTED:** Symphony and Detrola Catalin radios. I am not a human being: I am a radio collector. God forbid! Pity me the lost soul that I am and fulfill my humble needs. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Remler radio/phono Model Scottie. Arnaud Vrand, Lauwestraat 67, B-8560, Belgium. Fax: 09 32 56 42 63 30. E-mail: arv@unicall.be

**WANTED:** Canadian Marconi MSA & MST Series amplifiers, tuners and any related information. Barry A. Janov, 2454 Dempster, Ste. 416, Des Plaines, IL 60016. (847) 827-9100. E-mail: marconifon@aol.com

**WANTED:** Country Belle radio by Guild. Also looking for parts for this radio too. James Bailey, 803 N. Waukesha, Bonifay, FL 32425. (850) 547-4985. E-mail: baileyj@digitalexpress.com



## THE NEW ENGLAND MUSEUM OF WIRELESS AND STEAM, INC.

1300 Frenchtown Road, East Greenwich, Rhode Island 02818

Fax 401-884-0683 — Tel. 401-885-0545

<http://users.ids.net/~newsm> or e-mail: [newsm@ids.net](mailto:newsm@ids.net)

Coffee, donuts & soda available. Bring your own lunch.

**HISTORIANS & COLLECTORS**

**STATIONS: PJ, WDH, W1NTE, W1MB, K1NQG calling:**

# YANKEE RADIO TUNE-UP

## Saturday July 29, 2000 — 8:00 A.M. – 3:00 P.M.

*Admission \$10.00 — Free Parking*

*Antique Radio Flea Market & Tailgaters, Fidelity Amateur  
Radio Club ~ K1NQG, Silent Auction Of Some Rare Items*

**FOR SALE:** Sams folders, tube type auto, over 60 - \$30, shipped. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

**FOR SALE:** Hickok 156 Traceometer, excellent - \$125. Jackson TVG1 sweep generator, nice - \$75. Plus shipping. Larry Steeno, K9LWI, 1838 Blue Spruce Ct., Green Bay, WI 54311. E-mail: Lsteeno@execpc.com

**RATE FOR ADDITIONAL WORDS:  
29¢ per word**

**FIRST 20 WORDS FREE!**

*Cash or stamps OK for small amounts.*

*Your payment helps to keep A.R.C. healthy!*

**FOR SALE:** Old radio and TV shop with lots of goodies and antiques, Sams, tubes, old parts, misc. Elmer Watts, 410 E. 9th, Newton, KS 67114. (316) 283-8883

**FOR SALE:** World War II black out lite bulbs new - \$5 each ppd. Roger Warren, 6320 Dogwood Rd., Baltimore, MD 21207. (410) 944-1411

**FOR SALE:** National NC-57 SASE. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

**FOR SALE:** Knight Span Master regen. 4 band receiver, looks like it spent a long time in the basement but complete including headphones - \$35 plus shipping. Mike Kitner, 735 Factory St., Carlisle, PA 17013. (717) 249-3851. E-mail: mikemech@cvn.net

**FOR SALE:** (3) WECO amps, KS16608 L1, PP 6L6, rack mount, not tested, with tubes - \$300 or BO. Jim Heidenreich, 3879 Grand River Rd., Rome, OH 44085. (440) 563-3009. E-mail: jech@alltel.net

**FOR SALE:** Telegraphy, wireless, radio, television, Marconi, at AWA Book Fair, Thruway Marriott, Rochester. Jerry Simkin, Bookseller, 10 Avalon Ln., Matawan, NJ 07747. (732) 583-5196. E-mail: gsimkin@monmouth.com

**FOR SALE:** Great literature selection. Ask for our 50+ page list. Check it out on-line at echocove.com. Dave Sutherland, PO Box 201, Spofford, NH 03462. (603) 363-4459. E-mail: echocove@cheshire.net

**FOR SALE:** (1) CRT 5SP5107 PSAB, (1) CRT 7JP4; both are good as far as I know. L.C. Slaton, 404 Pebblebrook Dr., Baton Rouge, LA 70815. (225) 273-5926

**FOR SALE:** Visit [www.78rpm.com](http://www.78rpm.com) for a full line of turntables, books, vintage records & cylinders. Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389. E-mail: nauck@78rpm.com

**FOR SALE/TRADE:** Guild collectors! Stereodon grand piano, gorgeous, working, show delivery. **WANTED:** Arborphones, Internationals, Kadettes. C. R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knevins@tc3net.com

**FOR SALE:** Have (1,500) transistor radios. List is 23 pages, will mail or e-mail. Doug Ferrero, W8YNZ, 70173 Hillside Ct., Romeo, MI 48065. (810) 336-0120. E-mail: ynzdsd@bignet.net

**FOR SALE:** Projection lamps. All N.O.S., N.I.B. BAL to FML types. List available. Chuck Ulrich, 8282 Afoley Rd., Dakota, IL 61018. (815) 563-4905. E-mail: jwf819@aol.com

**FOR SALE:** Garrard SL72B w/B2 base N.I.B. - \$125 + frt. Ed Crockett, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755

**FOR SALE:** Ryder manuals I thru XIX plus indices - \$300 plus S&H. Ed Brinker, 11951 175th Rd., North Jupiter, FL 33478. Ph./fax: (561) 748-5440

**FOR SALE:** Zenith Trans-Oceanic 8G005 excellent, working complete w/owners, log book, wavemagnets - \$245. Ted Demski, 5806-225 Pl. SW, Mountlake Terrace, WA 98043. Ph./fax: (425) 778-7100

Join the  
**AWA**

**ANTIQUE WIRELESS ASSOCIATION**

**THE ORIGINAL AND LARGEST HISTORICAL RADIO-COLLECTOR GROUP**

- Publishes *Old Timer's Bulletin* with:
  - Battery and AC receiver restoration
  - Vacuum-tube history and collecting
  - Old-time amateur-radio contests
  - Communications receivers
  - Free want-sell-swap ads
  - Early television
  - Hom loudspeakers
  - Reviews of current books
  - Keys and land-line telegraphy
  - News of U. S. and foreign clubs
  - Information on public radio museums.

Maintains unique radio-TV museum.

- Produces the annual Rochester meet.
- Co-sponsors local meets.
- Publishes the annual *AWA Review*.

Membership is only \$15 per year (\$27 for two years, \$18 per year for overseas). Mail check to:

Antique Wireless Association, Inc.

Box E, Breesport, NY 14816

<http://www.antiquewireless.org>



**A.R.C. BACK ISSUES**

**April '87 to current issue: Originals available**  
32 to 100 pages each.

**Oct. '86 to Mar. '87: Reprints available**  
*Reprinted from original artwork; 28 to 32 pgs. ea. Quality & appearance same as an original copy.*

**June '84 to Sept. '86: Photocopies available**  
Not original quality, useful for info.; 16 to 28 pages each. Publication of *Antique Radio Classified* began in 1984 which had only five issues: June, Sept., Oct., Nov. & Dec. 1984. 1985 through current year have had 12 issues each.

**\$5.00 each - Postpaid to U.S., Canada and Mexico.**

*Orders of 6 issues or more may take a 10% discount. Orders for a full calendar year may take a 50% discount. 15th Year Special: 60% discount on orders for a full calendar year. Foreign orders other than Canada and Mexico: \$8.00 each by air. Mass. residents, please add 5% sales tax.*

**A.R.C. UNCUT, UNFOLDED COVERS**

June '91 to present - 9.25" x 12.5" - \$9.95 each  
Postpaid to U.S., Canada, & Mexico

*Mass. residents, please add 5% sales tax.*

**A.R.C., P.O. Box 2, Carlisle MA 01741**

**Or Call (978) 371-0512**

## Announcing a major new CD-Series



### Collins Radio CD Technical Series

For decades Collins Radio equipment has been known as the Rolls-Royce of the communications equipment industry. Their equipment is highly sought by collectors throughout the world. The technical manuals are difficult and expensive to obtain. No longer, as this CD collection of 4 volumes contains every item of communication and amateur equipment that was manufactured from 1946 until 1980. The CD-Set that can be purchased as a group or singly. Every item of equipment including accessories is contained in this CD-Set. Where there were multiple editions of equipment manuals, we have provided multiple editions which cover early, middle, and late revisions to specific items of equipment manufactured. The set even contains all of the factory service notes for the major equipment items. A resource who's time has now arrived for the next millennium! Another major product of Radio Era Archives.

Volume 1 - Receivers

Volume 2 - Transmitters & Amplifiers

Volume 3 - Transceivers

Volume 4 - All accessories, etc.

*Each Volume - \$ 75 Complete set of 4 - \$ 275 All + S&H*

Requirements for use: PC, CD-Rom & Internet Browser

#### Other Radio Era CD-ROM Publications

Complete Riders Troubleshooters Manuals - highest resolution with database search

Complete set of Radio Boys books by Chapman on a single CD-ROM

QST - 80 years - 1915-1994 created for ARRL by Radio Era Archives

The Radiophile Series - 3 volumes

The Antique Radio Repair Series - 2 volumes

RCA Radiotron Handbook and HB-3 Tube Handbook CD's

Military R390-R390A/URR Technical CD-ROM

REA-Riders accurate index on CD-ROM

Sam's Dial Cord Series CD-ROM

Sam's Photofact Sets V1 & V2, (Sets 1-25 & 26-50)

Amos 'N Andy

and more on the way!

### SCHEMATIC DIAGRAM & SERVICE MANUALS

*Over 200,000 schematics available and thousands of radio manuals are now available. REA has digitized these into digital masters for fast & accurate reproduction. NOW WITH ELECTRONIC DELIVERY BY EMAIL - We have thousands of satisfied customers for our old radio publications*

2043 Empire Central  
Dallas, Texas 75235

Inquiries: 214-358-5195

Fax: 214-357-4693

Email: [tsm@radioera.com](mailto:tsm@radioera.com)

Hours: 9-5 M-F CST

### RADIO ERA ARCHIVES

Visit us on the Internet:

<http://www.radioera.com>

*We take all major credit cards*

**FOR SALE:** #1 Radios 20, 30, 40 works. #2 Radios 50, 60 works. #3 Transistors. #4 Novelty. #5 Radios - don't work/need repair. #6 Books & magazines. #7 Miscellaneous instruments & others. #8 Radio/JAN tubes. #9 Military instruments/books. Send SASE for each list. Robert J. Stone, 721 Fisk St., Piqua, OH 45356-3729

**PHONE NUMBER FOR  
ANTIQUE RADIO CLASSIFIED  
(978) 371-0512**

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

(Please no classified ads by phone. Thanks!)

**FOR SALE:** RCA voltohmyst Model WV-500A - \$45. Simpson multimeter Model ME 48C/U - \$45. RCA transistor tester Model WT-501A - \$40. Paul M. Williams, 2364 Beaver Valley Pike, New Providence, PA 17560-9622. (717) 786-3803

**FOR SALE:** Barzilay walnut stereo: w/(2) 15" speaker cabinets, Scott 296, Fisher FM 200B, Collaro phono, tambour doors. Francis H. Yonker, PE, W21BH, 1229 Inverary Pl., State College, PA 16801. (814) 867-1400

**FOR SALE:** Radiola, wood table Model #513, working - \$150. Pair Klipsch KG4 speakers, excellent - \$250. Mike Grimes, K5MLG, 3805 Appomattox Cir., Plano, TX 75023. (972) 867-6373. E-mail: grimesm@flash.net

**FOR SALE:** Tubes N.O.S. & used/tested. Checked on Hickok 6000A or I-177B. Send wants. David Boardman, VA2DVD, 10 LeMaistre, Sainte-Foy, Quebec, Canada G2G 1B4. (418) 877-1316. E-mail: dbman@angelfire.com

**FOR SALE:** Strong, used, pair of Western Electric WE262A tubes - \$200/pair. Igor Goloto, 17 Addison Dr., Fairfield, NJ 07004. (973) 884-6468. E-mail: goloto@lucent.com

BUY • SELL • TRADE

# CATALIN RADIOS



I'll buy single pieces or  
whole collections. Top prices paid.

## RADIOART

Jim Meehan

P.O. Box 102 • Centerbrook, CT 06409

(860) 526-1762

E-mail: radioart@ntplx.net

**FOR SALE:** New old stock 12QP4 or 16EAP4 - \$89 ea. plus shipping. Call: Willie McGuigan, 21 W. 4 St., Bamegat Light, NJ 08006. (609) 494-9316. E-mail: mcwillie@aol.com

**FOR SALE:** Decals and dial scales for antique radios. SASE for list. Rock-Sea Enterprises, PMB 241, 323-110 E. Matilija St., Ojai, CA 93023. (805) 646-7362. E-mail: dials@juno.com

**FOR SALE:** Radiola 100 speaker, works - \$40. Crosley 4-29, complete - \$60. Zenith portable H503 - \$35. Panasonic AM/FM/8-track tape - \$35. Repros: Fiat loop antenna - \$80; Radiola AG814 barrel loop - \$80; DeForest loop - \$95; Western Electric 1A loop - \$110; B&K cathode rejuvenator w/charts & wood case - \$20. All plus S&H. Wally Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512, call before 9 pm

**FOR SALE:** WECO amp, KS16610 L1, PP Parallel 6550, 75W, rack mount, missing cover - \$700 or BO. Jim Heidenreich, 3879 Grand River Rd., Rome, OH 44085. (440) 563-3009. E-mail: jech@alltel.net

**FOR SALE:** Radiola 30, centerpiece of any collection, working, with original manual - \$1,000. Stromberg-Carlson 636A console (untried) & Stromberg-Carlson #14 speaker with beautiful repro cone, and working - \$250. Atwater Kent Model 40 with Type E speaker, fine working pair - \$250. Radiola superheterodyne (AR812) complete with 6 good UV199s - \$100. Atwater Kent big box 20, working, with station card - \$100. Eveready A-C receiver, Model 2 with beautiful green Art Deco aluminum case, matching speaker & original custom stand, working - \$200. All local pickup. Ben Kittredge, 5 Canyon Dr., Westerly, RI 02891. (401) 322-9865, 5-9 pm EDT

**FOR SALE/TRADE:** Buy/Sell/Trade: Your mini reel wire/tape recorders for my nice transistor radios, crystals. Jan Golden, Box 5077, Wayland, MA 01778. (508) 653-4100. E-mail: 3dman@ziplink.net

**FOR SALE:** Book: TM11-353, Installation and Maintenance of Telegraph Printer Equipment - \$19 ppd. Tube: Eimac 35TG N.I.B. - \$40 ppd. R.J. Eastwick, W2RJE, 400 N. Haddon Ave. Unit 109, Haddonfield, NJ 08033. (856) 429-2477

**FOR SALE:** (1) Philco table radio AM Model 48200121. L.C. Slaton, 404 Pebblebrook Dr., Baton Rouge, LA 70815. (225) 273-5926

**FOR SALE:** 8 tube FM tuner amplifier - \$75+ shipping. Albert Dambra, 35 N. Suffolk Dr., Rocky Point, NY 11778-9202. (631) 744-5550. E-mail: alda25@unix.asb.com

## WANTED

Amrad 3366 as shown. Also 3500-U and Jewel, and other pre-1926 Amrad sets & parts.



Andrew Mooradian,  
5 Priscilla Lane  
Winchester, Massachusetts  
01890

tel. 781-729-1873 after 7 pm

**WANTED:** Cabinet (stand?) Majestic 50, three Karas Orthometric (brand) vernier meters; Karas audios. Dale Davenport, 622 S. 18th St., Ft. Smith, AR 72901. (501) 785-4929, eves.

**WANTED:** Paying big \$\$\$ for a complete set of knobs for an Arvin 617 Rhythm Maid tombstone. Gerry Harmon, 10803 Chateau Hill, Austin, TX 78750. (512) 219-0072. E-mail: wharmon1@austin.rr.com

**Classified Ad Deadline Noon**

**July 10 for Aug. 2000 Issue**

**Aug. 10 for Sept. 2000 Issue**

Boxed, Photo, & Display Ads - 1st

**WANTED:** 1960s Mountain Dew novelty moonshine jug radio with original box, or box only. Tim Tromp, 2117 S. Maple Island Rd., Muskegon, MI 49442. (231) 788-1694. E-mail: kilokat7@aol.com

**WANTED:** Guitars & guitar amps, Vox, Marshall, Gibson, Fender, Gretsch, FickerBacher, Selmer, Park, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355. E-mail: SonnySound@aol.com

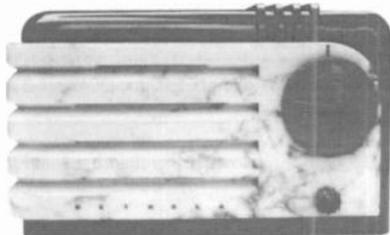
**WANTED:** Detrola with 2 extra windows below dial. Detrola consoles, especially with phonograph. Scott Flaucher, 41100 Plymouth Rd., Plymouth, MI 48170. (734) 737-4221. E-mail: scott.flauber@unisys.com

**WANTED:** Emerson Model 23, 25 or 30. Cabinet condition not important. Tom Johnson, 1116 No. 2nd St., Ames, IA 50010. (515) 232-1929

**WANTED:** Large Amperex tube manual from the late 1960s. Also odd or unusual tube types. Will pay \$200 for Eimac 500T tube. John H. Walker, Jr., 13406 W. 128th Ter., Overland Park, KS 66213. (913) 782-6455. E-mail: johnh.walker@honeywell.com

**WANTED:** Rheostat knob 1-150, tuning knob for Adler Royal 199 (Douglas V2, p.101). Phil Bliss, 565 Acacia Ave., Melbourne, FL 32904. (321) 727-3598. E-mail: fsbliss@hotmail.com

**WANTED:** Working speaker for an Atwater Kent 60. Dwight Hill, 1209 Royal Pointe Dr., Bloomington, IL 61704. (309) 663-7599. E-mail: hill.fam@gte.net



**WANTED:** More prewar plastics by Detrola, RCA, Kadette, Air King, et al. Take all my money before the relatives do. They are trying to hurry my already imminent demise. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Arvin tombstone 517 chassis, (see M. A. J. A. Volume 1). Patrick Franzis, N10CJ, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old\_radios@yahoo.com

**WANTED:** (2) plastic mahogany knobs for knurled shaft. 1/2" extended bushings, fluted edge. William K. Seiler, 8819 South St. Rd. 135, Pekin, IN 47165. (812) 883-1453

**WANTED:** Pics of original Westinghouse WR-8 Columnaire. JPEGs or guide to URL. Don Doughty, 5041 Shore Dr., St. Augustine, FL 32086. E-mail: doud@ilnk.com

Preview  
8 AM



## Estes Auctions

### Radio Auction

**Saturday, July 15, 2000 – 10:00 A.M.**

**At The Seville Antique Auction Barn  
8240 Wooster Pike Road, Seville, Ohio**

**This sale consists of two collections – one from West Virginia and one from North Carolina. The sale will consist of crystal sets, battery sets, tubes, horn speakers, console radios, tabletop radios, Rider's manuals, books-magazines, phonographs, records, parts, test equipment, advertising, amateur radio. Many nice items in this sale.**

**Richard Estes – Auctioneer  
Amateur Radio Call K8LRV**

**Tech. Support  
Bob Dobush-Tubes  
Kim Graca-Tech.  
Bob Ready-Tech.**

**ESTES AUCTIONS  
7404 Ryan Road  
Medina, Ohio 44256**

**Phone: (330) 769-4992  
Fax: (330) 769-4116  
E-mail: estesauctions@aol.com**

**FOR SALE:** (35) leather cases for pocket transistors, Japanese and U.S. – \$20 includes U.S. shipping. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260. E-mail: pfulty@aol.com

**FOR SALE:** Antique collectibles: radio, telephone, telegraph, ham equipment, visit web site: [www.interestingoldjunk.com](http://www.interestingoldjunk.com). James J. McGrath, W2IQJ, 2 Centerville Ln., West Seneca, NY 14224. (716) 675-0160. E-mail: w2ioj@interestingoldjunk.com

**FOR SALE:** Antique radio schematics plus data still only – \$3 postpaid. Joseph R. Forth, 321 Long Vue Acres, Wheeling, WV 26003. Ph./fax: (304) 277-3154. E-mail: wa2trt@juno.com

**FOR SALE:** Books, manuals, some early radio items. SASE for list. Henry Loos, 210 Ingraham Ln., New Hyde Park, NY 11040. (516) 354-1943. E-mail: hcloos@webtv.net

**FOR SALE:** Do you need tubes, radio parts, radio magazines, books, radio literature? Check out our web site for thousands of items: [www.olderadioparts.com](http://www.olderadioparts.com). Thank you. Play Things Of Past, 9511-23 Sunrise Blvd., Cleveland, OH 44133. (216) 251-3714

**FOR SALE:** Crosley 9-122W 5-tube white table radio, needs repair & cleanup – \$20. Donald Sochurek, W191, S7500 Richdorf Dr., Muskego, WI 53150. (262) 679-0212

**FOR SALE:** In Door County, Wisconsin, or will ship. From my collection of antique and collectible radios, including 1920s-1950s electric and battery models. Military radios, multibands, recorders, televisions, novelties, transcriptions, test equipment, early hearing aids. Antique medical and other books. Uniforms. For catalog, send three-stamp LSASE to: Cherry Lane Old Radios, John Enigl, Sr., K9HJL, 5425 Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

## Visit the A.R.C. Web Site!

The URL to access the A.R.C. Web site is:  
<http://www.antiqueradio.com/>

Our site includes highlights from current and recent issues:

- Editor's Comments
- Image of the Cover
- Feature Article
- Radio Miscellanea

- Plus:
- Photo Reviews
  - Book Reviews
  - Coming Radio Events
  - Complete Club Listing
  - List of Books For Sale
  - Subscription Information

While visiting our site, you may send e-mail and orders for books, videos and subscriptions.

Let us know what you think about A.R.C. on the Web!

**FORSALE:** Wire recorder Webster-Chicago Model 80-1 – Make Offer. Norm Kutzke, Box 272, Kawkawlin, MI 48631. (517) 684-0649

**FOR SALE:** Antique light bulb, good filament, clear glass, 10 inches tall, 13" circum. Robert M. Smith, 8274 N.W. 43rd Ln., Ocala, FL 34482. (352) 840-0436

**FOR SALE:** Am in process of restoring (3) Zenith consoles 9S365, 10S464 & 12S569Z and should be available late this summer at reasonable prices. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

## HAS YOUR SUBSCRIPTION

### EXPIRED?

It has if your mailing label reads "EXP=JUL00" or earlier.

Renew now!

*BONUS: Renew before your "EXP" month and receive 13 issues per year instead of 12!*

Renewal rates are:

\$39.49 for Periodicals Mailing

\$57.95 for First-Class Mailing

(Two-year renewals are twice above rates.)

**FOR SALE:** Collins Radio Co. dummy load Model DL1, 50  $\Omega$  pwr rating 100 w with mini pwr supply for remote switch and adapters from Type N to UHF, also 2 cables 3 ft. long RG8/U, in exc condition – \$35 + UPS. Slinky dipole antenna kit, N.O.S. in original box with instruction manual, covers all ham & SWLHF bands, made by Blacksburg Group Inc., sold for \$64.95 originally – \$35 + UPS. Phil Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213

**FOR SALE:** Variacs, General 200B and W2. Superior Powerstat Type 10 0-120/132V. **WANTED:** Knobs, 1 volume, 1 tuning for S53-S38. Back or pattern for Zenith 6D015. William L. Clark, 15476 Wellington Pl. Dr., Basehor, KS 66007. (913) 724-1203

**FOR SALE:** (3) new hard line connectors #50AS78-GRBL cost over – \$100 ea. Harman Kardon AM/FM tuner 14 tube works, Hoffman A200M table model radio, very good working knobs, not original – Offers plus shipping. **WANTED:** Schematic for MCS stereo receiver Model 3226 sold by J.C. Penney. E.F. Hayes, WOJFN, 3109 N. Douglas Ave., Loveland, CO 80538-2548. (970) 663-3119

## (818) 786-2500



Old Time Reproductions 5744 Tobias Ave., Van Nuys, CA 91411  
CA Residents, please add 8.25% sales tax

**WANTED:** 1940s televisions: Farnsworth GV260; Garod; Belmont 7" with slide rule dial; Dumont Clifton RA102; Automatic; Videodyne; National; & others. Ed Dessau, 40 Verna Rd., Monroe, CT 06468. (203) 452-1981. E-mail: ekdessau@aol.com



**WANTED:** Motorola Catalins #'s 50XC, 51X15, and 52, as complete or "parts" sets. I am a very serious collector seriously looking for serious stuff (leaving all kidding aside, of course)! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** DeForest 433 through 440 tubes, Westinghouse WL-461, Taylor 833, duds OK. John H. Walker, Jr., 13406 W. 128th Ter., Overland Park, KS 66213. (913) 782-6455. E-mail: johnh.walker@honeywell.com

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

**WANTED:** Vintage clandestine devices such as WWII suitcase radios. Richard Brisson, 159 Grandpre Ct., Navan, Ontario, Canada K4B 1K3. (613) 830-0379. E-mail: hagelin@magi.com

**WANTED:** Mackay radio Model 3007, 3010, or 3030 receiver in good or repairable condition. John Casale, W2NI, 3 Pickering Ln., Troy, NY 12180. (518) 272-3631. E-mail: jcs1@global2000.net

**WANTED:** Electron tubes, ball bearings radio & aircraft receivers & transmitters, connectors, lamps, relays, switches breakers. Hy Ness Company, 709B Delair Rd., Monroe Township, NJ 08831-4212. (609) 395-1116. Fax: (609) 395-1117

**WANTED:** Zenith Trans-Oceanic Royal 7000 volume knob (any of the 4 similar knobs there will do)! David Mednick, 10 Doe Dr., Wesley Hills, NY 10901-2302. (914) 354-5041. E-mail: davemed@acd-pc.com

## **ANTIQUe TUBES**

**We buy and sell Collector and Pre-octal Tubes**

See [www.fathauer@home.com](mailto:www.fathauer@home.com) for listing  
For catalog e-mail: [fathauer@home.com](mailto:fathauer@home.com)  
or send request to:

**George H. Fathauer & Assoc., LLC**  
688 W. First St., Ste. 4, Tempe, AZ 85281  
Phone: 480.968.7686 Fax: 480.921.9957

**WANTED:** Black wrinkle Navy frequency meters Models LB, LD, LJ, LN, any condition. William Donzelli, 15 Gen. MacArthur Dr., Carmel, NY 10512. (914) 225-2547. E-mail: aw288@osfn.org

**WANTED:** Tubes: 6B51, 6B52, 6B54, 6900, 6185, 6463. Also: Fostex microphones. Thomas Miller, PO Box 20138, London Terrace Station, New York, NY 10011. (212) 675-7704, eves.

**WANTED:** Model 84 AK radio, Wimshurst, VanDeGraff, Tesla, HV Eq., etc. Schmauss, PO Box 1547, Land O Lakes, FL 34639-1547. (813) 996-2744. E-mail: schmauss@worldnet.att.net

**WANTED:** Schematic for Browning Laboratories, RH-10, WWV standard frequency calibrator. Jerome Linden, WA9PUR, PO Box 600, Cave Creek, AZ 85327-0600. (408) 488-5205. E-mail: jrlinden@usa.net

**WANTED:** Large brown knob for 1929 Philco, 1 and half inches D. 12 edges sloping outwards. Pay your price. Gordon Wilson, 11108 - 50 Ave., Edmonton, Alberta, Canada T6H 0H9. (780) 434-6257. E-mail: wilsons@freenet.edmonton.ab.ca

**WANTED:** Battery or power source, short and long antenna to PRC-10 military radio. Gregory Sheppard, W3FSP, 4402 Jupiter St., Rockville, MD 20853. E-mail: moreradios@webtv.net

**WANTED:** Fairchild SM1 cartridge, Altec 128A amps, Western Electric TA17257, TA4171. Vincent Gallo, 532 LaGuardia Pl., #600, New York, NY 10012. (212) 274-0432

**WANTED:** Bendix Model 853 and 953 radios. Radios need not work. Aaron Mall, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-8813

**WANTED:** Philmore kit radio TR22, built or unbuilt, must be complete. Herb Parsons, 5 Surrey Ln., Peabody, MA 01960. (978) 535-1009, after 6 pm



*Craig L. Graybar*  
*Furniture Works Ltd.*

(414) 258-2390 or (888) 383-2390  
SPECIALISTS IN RESTORING,  
REPAIRING AND REPRODUCING  
CLASSIC STYLED ANTIQUE TV,  
RADIO & PHONOGRAPH CABINETS

Send us your plans or your project  
via UPS for immediate price quotes



1535 S. 84th St.  
West Allis, WI 53214



*"We Turn Ideas Into Heirlooms"*

**FOR SALE:** Sangean shortwave receiver Model AT-909, deluxe with digital read out, covers 150 kHz to 30 MHz in box - \$200. Daniel Seidler, 10337 S. Keating Ave., Oak Lawn, IL 60453. (708) 424-2057

**FOR SALE:** Zeniths, all working: 15-U-269 - \$2,200; 12A57 - \$850; 12S267 - \$800; (2) 9S262 - \$500 ea.; 9S367 - \$450; 10S669 - \$165; 10S464 - \$250; 8S463 - \$250; 12S265 - \$825; 10S567, poor cabinet - \$175; rare Zenith 39A, not working, cabinet needs refinishing - \$375. Sparton 966, 10 tubes - \$165. Can deliver to Lansing or Elgin only. Karl Johnson, 3517 Morton, Brookfield, IL 60513. (708) 485-2349

**HAVE YOU MOVED? ARE YOU MOVING?  
PLEASE NOTIFY US A.S.A.P.  
SEND US YOUR...  
OLD ADDRESS  
NEW ADDRESS and  
SUB #  
MANY THANKS!!!!**

**FOR SALE:** I've just found the ideal replacement for the WD-11 radio tube. Send - \$15 plus shpg for this plug-in replacement tube. James Fred, 5355 S 275 W, Cutler, IN 46920. (765) 268-2214

**FOR SALE:** Complete Collins station: 75S-3, 32S-3, 312B-4, 516F-2, 30L1, excellent condition - \$2,000 pickup or you ship. James M. Cole, 240 Gillespie Dr., Abingdon, VA 24210. (540) 628-2835

**FOR SALE:** Silvertones 4565 & 4465, same cabinet, and with tuning eye - \$50 ea. Good cosmetically but intermittent RCA 6BT6 battery, needs battery setup but looks good - \$50. Philco 52-940, looks good and plays - \$40. All plus shipping of no more than \$10 ea. **WANTED:** Will work out a trade on above for 1970s Westminster chime clock key wound and with 8 inch dial. With or without case but preferable with. Jack Calhoun, 2415 Elizabeth, Des Moines, IA 50317. (515) 265-1430

**FOR SALE:** Hickok Navy tube tester, card type - \$50 plus shipping. Greg Jones, 26 Greenman Ave., Westerly, RI 02891. (860) 599-6104

**FOR SALE:** N.I.B. 5U4GB - \$6.50 ea. 5Y3 GT - \$2.75 ea. 6L6 gc - \$15 ea. 6V6 g+ - \$6 ea. Norton Thompson, PO Box 422, Paonia, CO 81428. (970) 527-3017

**FOR SALE:** Heathkit HW-101 w/SB-600 speaker & power supply - \$225; SB-301 receiver - \$100; both in good condition. Robert Braza, W1RMB, 34 Beverly Cir., Attleboro, MA 02703. (508) 222-5553

**FOR SALE:** (3) Majestic knobs, 1929 anniversary Model 91-92, genuine silver overlay, exc - \$50 ppd. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635

**FOR SALE:** Big Little Books 1937. Radio Patrol, G-Man & the Radio Bank Robberies, & others. Used & N.O.S. tubes, typical: 24A - \$2; 26 - \$4; 27 - \$2. Andrew Toross, 425 Old Country Rd., Orange, CT 06477. (203) 795-4523

**FOR SALE:** Strong tubes: 6V6G - \$8 ea.; 807/5933 - \$5 ea.; 6JE6/6LQ6 - \$12 ea. **WANTED:** Beta videotape rewinder. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

**FOR SALE:** Auction: July 15, 9 am. Hundreds of radios, parts, old telephones, old clocks. Ed DeCann, 307 3rd Ave. W, Osakis, MN 56360

**FOR SALE:** Electrical and radio books and misc. radio parts circa 1920, 1930 and 1940. For lists send SASE to: C. Norton, 740 Deerfield Rd., Terrytown, LA 70056

**FOR SALE:** OS-8 2 MHz portable tube oscilloscope, made for Navy, late 40s?, excellent condition, new tubes, knobs, good CRT, no probes, includes watertight carrying case & partial manual reproduction - \$75 + shipping. Richard Flaws, 212 Mondovi Dr., Oswego, IL 60543. (630) 554-9207

## New Wireless Pioneers Books, Magazines, Literature Bought and Sold

New Wireless Pioneers buys and sells books, catalogs, magazines and other literature from the 1800's to 1950 that deal with early radio, wireless and electricity. A selection from our list of specialties:

Pre-1900 Electricity  
Pre-1925 Radio or Wireless  
Pre-1950 Computers

Pre-1900 Telegraphy  
Pre-1940 Television  
Early X-Ray

Magazines, Catalogs, Autographs or Ephemera related to the above topics. Also: Pre-1920 Wireless and Telegraph Apparatus - Radio-Related Novelties and Advertising - Early Vacuum Tubes and Electrical Devices.

*Some items available in other technical subject areas also.*

Several catalogs featuring items for sale are published each year.

**New Wireless Pioneers - Jim & Felicia Kreuzer**

P.O. Box 398, Elma, NY 14059

Phone: (716) 681-3186 Fax: (716) 681-4540

# TUBES WANTED



  
**Electron Valve**

**431 NORTH CLEVELAND  
MEMPHIS, TN 38104**  
Phone: 901-274-8823 • Fax: 901-274-0499  
TOLL FREE: 1-888-909-8823  
Email: cmagee@electron-valve.com



## Western Electric

TB—Tennis Ball

V1-2 / 205A/B \$250 NOS, \$125 used

V1-52 \$150 NOS, \$80 used

101D / 101F (TB) \$185 NOS, \$100 used

101D / 101F / 101L (ST) \$35 NOS

102D / 102F (TB) \$180 NOS, \$100 used

102D / 102F (ST) \$35 NOS

205D/E (TB) \$445 NOS, \$285 used

211A/D/E \$280 NOS, \$150 used

212A/D/E \$750 NOS, \$250 used

231D \$65 NOS, \$30 used

242A/B/C \$300 NOS, \$150 used

252A \$1200 NOS, \$700 used

261A \$155 NOS, \$80 used

262A/B \$65 NOS, \$35 used

274A / 274B \$250 NOS, \$180 used (Engraved Base)

274A / 274B \$200 NOS, \$130 used

275A \$140 NOS, \$65 used

300A \$900 NOS, \$675 used

300B \$875 NOS, \$525 used (Engraved Base)

300B \$565 NOS (1950's and 1960's printed base)

310A / 310B \$20 NOS, \$12 used

331A \$45 NOS, \$23 used

348A / 349A \$95 NOS, \$45 used

350B \$210 NOS, \$95 used

417A / 420A / \$755 \$10 NOS

421A / 422A \$35 NOS, \$15 used

### TRIODES:

2A3 RCA \$44 NOS, \$20 used

2A3 (Single Plate) \$180 NOS, \$100 used

10 Balloon \$80 NOS, \$35 used

45/245 Balloon \$65 NOS, \$28 used

50 Balloon \$220 NOS, \$120 used

V1-52 \$120 NOS, \$60 used

71A Balloon \$28 NOS, \$14 used

80/280 Balloon \$32 NOS, \$20 used

211 RCA /United \$125 NOS

845 \$200 NOS, \$95 used

### PENTODES:

6550 Tungsol \$65 NOS

7591A \$34 NOS, \$18 used

6L6GC RCA (Black-Plate) \$40 NOS

EL34 Mullard \$80 NOS, \$35 used

EL37 Mullard \$75 NOS, \$35 used

KT66 Genalex / Mullard \$80 NOS

KT77 Gold Lion \$160 NOS, \$90 used

KT88 Gold Lion \$185 NOS, \$80 used

### PREAMP / DRIVERS:

5691 Red Base \$18 NOS, \$10 used

5692 Red Base \$34 NOS, \$20 used

6SN7 Sylvania / RCA \$6 NOS

6SL7 Sylvania / RCA \$4 NOS

12AX7 /ECC83 Telefunken \$38 NOS, \$15 used

12AU7 /ECC82 Telefunken \$34 NOS, \$8 used

12AX7 /ECC81 Telefunken \$30 NOS, \$6 used

EBBCC Telefunken (Gold Pin) \$40 NOS, \$18 used

EF86 / 6267 (GEC, Amperex Tele) \$20 NOS, \$8 used

Genalex Z-729 \$20 NOS, \$14 used

Genalex Z-759 Gold Lion 12AX7 \$100 NOS

Highest prices paid for NOS tubes in original boxes. If you have any other tubes that you think we might be interested in, please call.

*We will meet or beat any written offer!*

We would like to buy any of your Western Electric, H.H. Scott, Morantz, Fisher, or Dynaco amplifiers or preamplifiers.

**Electron Valve is also seeking the following recording gear. If you have any of the following pieces or know anyone that does, please contact us.**

#### MICROPHONES:

Neumann U-47

Neumann U-67

Neumann U-87

Neumann KM84

Neumann M-49

Neumann M-50 Omni

RCA 44

RCA 77

Sony C-37A

Telefunken (L1AM 251)



#### TUBES FOR MICROPHONES:

Telefunken VF-14 \$600 NOS, \$400 used

Telefunken AC701K \$120 NOS



#### OUTBOARD / RACK GEAR:

Fairchild 660 / 670 Compressor

Neve 1066, 1073, 1081, 1272 Mic Pre / EQ

Telefunken V72 / V76 Mic Pre

Pultec EQ's

RCA BAGA Compressor

Urei 1176 Compressor

Urei LA2A Compressor

**WE BID ON SMALL OR LARGE LOTS.**

**IF YOU HAVE ANY QUESTIONS OR IF YOU HAVE ANY OF THE ITEMS LISTED HERE, GIVE US A CALL!**

**FOR SALE:** Chassis: Philco 8-902, 38-10-89, 37-611; Zenith 807, Ch. 8622. Also HTX-100 transcvr - \$95. H.N. Felder, 7517 Granada Dr., Bethesda, MD 20817. (301) 320-3028

**FOR SALE:** Dealer bulletin and 8-page brochure of Kellogg Radio Co. 1897-1926 - Best Offer by 8-30-00. Alva May, 6623 U.S. Hwy. 340, Shenandoah, VA 22849. (540) 652-8638

**FOR SALE:** Seeburg jukebox Model STD-2. Holds 160 records w/extras, excellent condition - \$1,200 PU only. Steve Root, 2602 Bidefore Ct., West Chester, PA 19382. (610) 692-5989

**FAX NUMBER FOR  
ANTIQUE RADIO CLASSIFIED  
(978) 371-7129 - 24 hours a day  
Ads - Subscriptions - Book Orders  
See inside front cover for details**

**FOR SALE:** Vacuum tubes, all kinds. 65,000 on hand. Send want list & SASE for prompt response. Tom Ivas, 2932 W. 99th St., Evergreen Park, IL 60805. Ph./fax: (708) 423-0528. E-mail: [tivas@xnet.com](mailto:tivas@xnet.com)

**FOR SALE:** GE K-52 cathedral, good for parts, NKs - \$35. Hallicrafters CA2 good+, but untested. All plus UPS. Charles G. Phillips, Jr., 8607 Rembrandt Cir., Newark, DE 19702. (302) 832-9592

**FOR SALE/TRADE:** Small tombstones: Emerson 36 - \$100. RCA 85T2 - \$85. Emerson 8 - \$95. Mini metal Silverstone 1 - \$30. Arvin Model 152T, left-handed, like new - \$49. Admiral 67M5, good, works - \$30. Philco 38-15 - \$65. Thomas Guastella, 1633 W. 11th St., Brooklyn, NY 11223. (718) 256-8367

**FOR SALE:** Zenith Royal 500RD, Ch. 8AT4022, black with leather case, excellent, plays - \$75. Rod Galloway, 2220 Woodbury Rd., Melbourne, FL 32935. (321) 254-0280. E-mail: [rdgall@brevard.net](mailto:rdgall@brevard.net)

**FOR SALE:** AK Kiel table, complete w/Model 55C chassis, and speaker, works, cabinet top is tired, needs face lift - \$275. AK Type L chassis with speaker, has complete front panel w/knobs. Power transformer and filter choke assembly, not original, but set works, w/ tubes - \$110; without tubes - \$55. Zenith chassis for Models 8S-647 or 8S-661 (chassis 8B01), complete w/ rotor wave magnet loop antenna, 14" diameter speaker, dial lens and escutcheon, not working, includes untested tubes - \$55. Zenith console Model 10S-669, works but dial is sluggish, cabinet in good condition with a couple of dings - \$145. Note: All above pick up only, your big chance to see newly acquired inventory. Dick's Radio Days, Dick Desjarlais, Box 629, Littleton, MA 01460. (978) 486-9018. E-mail: [dicksradiodays@webtv.net](mailto:dicksradiodays@webtv.net)

**FOR SALE:** Western Electric speaker, Model 728B, crack in cone. Paul T. Dzedzic, 4017 N. Grant St., Westmont, IL 60559. (630) 852-6486

**FOR SALE:** Thinning my 600 plus radio collection. Lots of old stuff. Many tubes also. West coast only, no ship. Call me, I may have what you want! AK breadboards, xtal sets, Sparton Blue Mirror Sled, West. R.C., etc. Byron Bemor, 33855 McEnnery Cyn, Acton, CA 93510. (661) 269-5459

**FOR SALE:** Portables: Motorola Mod 66LIU blk-chro. @10/P AC/DC - \$50. GE no # tan case chro. front 8 tr. w/CD 9V/C @9 - \$55. GE M-613 red case chro. top handle no CC top knob @9 np - \$45. AK M-20 @10 operational w/tubes, gd - \$175. Kolster 6D A/O top needs work, controls free - \$70. Philco M-37-60, no knobs @8 - \$140. Crosley no. small wood case 5 P/B above sq. dial (3) knobs org. @9 - \$50. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: 0441

**FOR SALE:** 45 and 50 tube adapters - \$16 and \$25 plus UPS, no circuit changes. James Sinwell, 511 Newport Dr., Greensburg, PA 15601. (724) 834-0763

**CALL FOR OUR FREE 72 PAGE CATALOG!**

**ANTIQUE ELECTRONIC SUPPLY 1999 CATALOG**  
TUBES - PARTS - BOOKS - SUPPLIES



ESTABLISHED 1971 IN COPIED ACROSS THE WORLD

8821 SOUTH MAPLE AVE. TEMPE, AZ 85283

6221 S. Maple Ave. • Tempe, AZ 85283 • (480) 820-5411 • FAX (480) 820-4643 or (800) 706-6789  
[www.tubesandmore.com](http://www.tubesandmore.com) • E-MAIL [info@tubesandmore.com](mailto:info@tubesandmore.com)

**TUBES PARTS  
SUPPLIES**

**ANTIQUE ELECTRONIC SUPPLY™**  
LIMITED PARTNERSHIP

your complete source for...

<b>Tubes:</b> Over 3500 receiving, transmitting, audio and industrial types in stock, including many foreign and early types.	<b>Parts:</b> Resistors, tube sockets, potentiometers, knobs, dial belt lamps, diodes, speakers, wire, phonograph needles and much more.
<b>Transformers:</b> Hard to find power, filament, and output transformers as well as filter chokes for tube equipment. We feature HAMMOND performance transformers as well as many new old stock transformers.	<b>Literature:</b> Extensive selection of literature and books on antique radios, tubes, circuit diagrams, communication gear, and hi-fi equipment. Some items not available elsewhere!
<b>Capacitors:</b> High voltage electrolytic and mylar capacitors, multi-section capacitors and more for tube circuits.	<b>Supplies:</b> Grill cloth, cabinet restoration supplies, batteries, chemicals, tools, test meters, kits and gifts.

**WANTED:** Wood radios with chrome grilles, miniature cathedrals, and Climax radios. Jay Malkin, 1250 Galapago No. 206, Denver, CO 80204. (303) 623-6451

**WANTED:** Firestone 4A12 Bakelite AM/FM, radios with prewar FM. What do you have? Mark Thierbach, 2282 Wehr Mill Rd., Allentown, PA 18104. (610) 712-3432. E-mail: MThierb@aol.com

**WANTED:** In quantities, common tube types 2050, 2051, or 502A. Bob Putnak, 1507 4th St., Monongahela, PA 15063. (724) 258-6236. E-mail: tubesound@home.com

— WANTED —  
**CLUB CONTACT INFORMATION. A.R.C. IS  
UPDATING ITS CLUB LIST. PLEASE SEND  
US NAME OF CONTACT PERSON,  
ADDRESS, DUES, RATES, ETC.**

**WANTED:** TVs, Sparten Mirror-in-lid 4940 or just parts, 1952 Shaw. Any Farnsworth. Fred Ringwald, 2909-A Mesa Rd., Colorado Springs, CO 80904. (719) 635-8595. E-mail: fred.ringwald@wcom.com

**WANTED:** Radio Amateur Handbook 1930, will pay \$80. Spark transmitter. Call: George Panagiotides, 68 Kedrinou St., 11522 Athens, Greece. Ph.: 011-301-642-9800. U.S. Ph.: (630) 844-0590

**WANTED:** Tape recorders: junker Uher 4400; Sony TC788 manuals; manual for Sony TC818M cassette deck. Ray Barnes, 38 Woodmere Rd., Framingham, MA 01701. (508) 877-5232

**WANTED:** Used Shure magnetic phono cartridge, M-71, M-74, or M-81 only. Joe Smolski, 835-A Pleasant St., Framingham, MA 01701. (508) 879-2778

**WANTED:** 1957 Birch record player, plays 45 rpm records only. White and brown exterior with black screen, white and black interior. Also would be interested in any late Fifties model Birch record player. Contact: Joseph Summo, 268 Sickles Ave., New Rochelle, NY 10801. (914) 632-5056 or (914) 637-7636. E-mail: tonysmash@aol.com

**WANTED:** Thompson S-70 Concert Grand battery radio. Also a Thompson horn speaker. Tony DeMara, 40231 Day Dr., Clinton Twp., MI 48038. E-mail: oldtvsandtoys@ameritech.net

**WANTED:** E.H. Scott, McMurdo Silver radios & literature. Mike Greene, 19113 Alpenglow Ln., Brookeville, MD 20833. (301) 774-3203

**WANTED:** Sept. 1934 issue of Radio News. Tom Boyd, 3910 N. 37th St., Tacoma, WA 98407

## ARBE-III — Universal Battery Eliminator

\$149.95 + \$12 shipping

Contact:

Antique Radios Inc.

Box 6352, Jackson, MI 49204

www.bcicy.com/antiqueradiosinc

(517) 787-2985 or

Fax (517) 782-7422



**WANTED:** Cabinet for Eagle Eaglet and back pannel or drawing/photo of same for Radiola 30. Ken Martin, 12667 Eckard Way, Auburn, CA 95603. (530) 885-0243. E-mail: kemartin@placer.puhsd.k12.ca.us

**WANTED:** Magnavox R-3 Telemegaphone or similar hi-end horn to mate with Federal 61; need 2nd audio transformer for same. Also, any AK horn. Need 01As. globe or tasse-top, have some 171s and 112s for trade or cash. Also, looking for WWII and cold war era spy stuff, Enigma machines, radio transmitters, receivers, German Bakelite and vintage microphones, particularly, RCA 77-C, Telefunken, NG power supply for U-47, Telefunken CMV-3 bottle, tube compressors, EQs, mics, etc. Have neat stuff to trade or cash! Ward Kremer, 5807 Papaya Dr., Ft. Pierce, FL 34982. Ph./fax: (561) 468-7732. E-mail: WKremer798@aol.com

**WANTED:** Bookcase with radio such as Zenith Model 6-D-455 (1940) in fine original condition. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

**WANTED:** Steering wheel knobs for Crosley E-15-XX radio, any color. David French, 10085 Webster Rd., Clio, MI 48420. (810) 686-6813. E-mail: frenchie@usol.com

**WANTED:** RCA Model 1X51, speakers for Philco Model 20 and 116X and RCA 5T. Philco chassis 650H working or restorable. Cabinet for Philco 116B. Carlos Martinez, 21 Colonel Izrarry St., Cayey, PR 00736-3304. (787) 263-2741

**WANTED:** Garod Model EA. Need not work, but should be complete. Ed Mondor, 121 Gateway Dr., Greenville, SC 29615. (864) 268-0952

**WANTED:** For Phillips/Norelco Mod A-39100 Type BX558A miniwatt M-80 Phillips tube & dial cord routing/schematic. Sydney W. Thomas, PO Box 383, Stillwater, NY 12170. (518) 664-3489

Need to find past articles in *A. R. C.* or the *OTB*?  
Try the:

### INDEX TO ANTIQUE RADIO CLASSIFIED

Covers 1984-99, by topic and author. Includes 1800+ photos, 1400+ tube radios, auctions, etc. Has 76 pages. \$15 postpaid anywhere.

### INDEX TO AWA PUBLICATIONS

Covers *Old Timer's Bulletin*, *AWA Review*, and misc. publications from 1960 through Aug. 1999. Gives 7000+ citations, indexed by topic and author; has 73 pages. \$12 postpaid anywhere.

Still available:

## Tube Lore

### A Reference for Users and Collectors

186 pages of "stuff RCA never told you." \$19.95  
ppd in North America or \$24.95 elsewhere.

Ludwell Sibley  
102 McDonough Rd.  
Gold Hill, OR 97525

Questions? We're on (541) 855-5207 or  
tubelore@internetcds.com.



***Vacuum tubes  
for Audio are back ...  
and they sound better  
than ever!***

Glass Audio brings together  
yesterday's tubes and today's  
improved components,  
making smooth sound possible  
for your audio again.

Ask for your first issue FREE to  
examine, without obligation!

**Glass Audio**

PO Box 176, Dept. ARC8  
Peterborough, NH 03458-0176 USA  
Phone: 603-924-9464

Fax: 603-924-9467 Email: [custserv@audioexpress.com](mailto:custserv@audioexpress.com)

Visit our website at [www.audioexpress.com](http://www.audioexpress.com)

**FOR SALE:** American walkie-talkie, used by Israel troops, Hebrew writing, work - \$50. Joel Levy, 8 Waterloo Dr., Morris Plains, NJ 07950. (973) 285-0237

**FOR SALE:** Crystal radio kits, complete with face panel, base board, variable capacitor, prewound coil and many parts for old style radio, remit - \$22.50. Carl & Grace Ent., 5636 Romeyn, Detroit, MI 48209

**FOR SALE:** Collins Radio: (8) mechanical filters. (4) radio harness backpacks. First catalog, signal, etc. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

**E-MAIL ADDRESS FOR  
ANTIQUE RADIO CLASSIFIED  
ARC@antiqueradio.com  
Ads - Subscriptions - Book Orders  
See inside front cover for details**

**FOR SALE:** Many tubes, books, parts, and radios. LSASE. WANTED: Chassis 21/Kennedy 30/32 (A.R.C. Sept. 1998, p.9), W.F. Horn, 13110 Marsh Rd., Bealeton, VA 22712. E-mail: [wehcoll@tidalwave.net](mailto:wehcoll@tidalwave.net)

**FOR SALE:** Weston Model 264 sealed mil-ammeter with scale marked with AT&T and W.E. Co - \$25. Red GE plastic radio - \$60. TomThumb ATTP - \$110. Giffillan 56B - \$60. Philco 48-206 - \$55. Stan Lopes, KB6LGV, 1201-74 Monument Blvd., Concord, CA 94520. (925) 825-6865. E-mail: [slopes@aol.com](mailto:slopes@aol.com)

**FOR SALE:** Arvins: 442 and 444A - \$60 each. Crosley 515 - \$85. Clarion 11801 - \$45. Mantola R664PV - \$35. Philcos: 49506 - \$40; 51532 - \$35. Silvertones: Model 1 - \$45; 8004 - \$65; 4529 tombstone - \$65. Stewart-Warner 57T16 - \$35. Many other sets plus transistor regular and novelty. Tremendous collection of radios, horn speakers, too much to list, friend wants to sell as one lot, I can give some particulars. LSASE. H.B. McMahan, 313 W. Shaw, Tyler TX 75701-3029. (903) 593-5433. E-mail: [hbmcyjuno.com](mailto:hbmcyjuno.com)

**FOR SALE:** ARRL Handbooks, 1967 mint - \$12; 1972, excellent - \$10; 1959 good - \$8. W6SAI manuals, quad antennas, 1959 - \$5. VHF Handbook, 1956 - \$6. RCA RC19 Tube Manual, 1959 - \$7. Onerio Lou Sabetto, W8PIU, 1717 Burgess Rd., Cleveland, OH 44112. (216) 481-1036

**FOR SALE:** Speakers, Acoustic Research AR4X, one tweeter, non-working - \$29/pr. + shipping. R.G. Purcell, 4473 W. 136th St., Cleveland, OH 44135. (216) 251-6511

**FOR SALE:** Philco 52 - \$150; 60 & 505 - \$125; 37-620 - \$100. All nice wk. Pick up only. Arthur Kreitner, 2013 East Belle Ave., Belleville, IL 62221. (618) 233-5610

**FOR SALE:** 1940s Bakelite telephone - \$25. WANTED: Odd, unusual 7" 1940s televisions, excellent condition only. Sam Mannino, PO Box 331, Villanova, PA 19085. (610) 356-8128

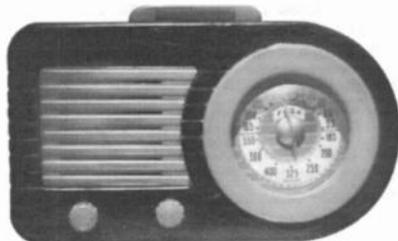
**FOR SALE:** A most excellent Zenith 10-S-567 console with magnificent tone - \$575. A very, very nice RCA Victor large series console C11-1 - \$275. A beautifully refinished Crosley 61 tombstone - \$250. All work well. Back again with many more superb consoles, tombstones and a few cathedrals from my personal collection! Sorry, no shipping. Come see the sets! Francis W. Pond, 98 High Rd., Lee, NH 03824. (603) 659-3831, no calls after 9 pm EDT

**WANTED:** Old military Handi Talkies (BC-611 or BC-721) or parts & accessories. Bill Jewell, 3800 Ridgeway Rd., Fort Worth, TX 76116. (817) 377-4664. E-mail: OldRadios@aol.com

**WANTED:** Original escutcheon for Philco 70 cathedral radio. Craig Tipton, 3595 Call Rd., Perry, OH 44081. (440) 259-5092. E-mail: tipton@mailbag.net

**WANTED:** 1940s-1960s Japanese audio or radio magazines, manufacturer's literature, tube components, etc. Randy Liebermann, 2820 Lee Oaks Pl. #102, Falls Church, VA 22046-7339. (703) 560-5790. E-mail: lunarcity@aol.com

**WANTED:** Tunable TV boosters, especially by Standard, TEC, RMS, TechMaster, ITI. Visit <http://oldtv.homepage.com>. Mark Nelson, AJ2X, 17 Wentworth Rd., Natick, MA 01760-1736



**WANTED:** Fada Catalin radios. Help! My entire collection spontaneously combusted during an interview with the "Enquirer." Replenish and repent ye sinners. Please write or call collect: Rain Buttignoi, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Schematic, parts list and any other info for Powertone Mod PMR6 tombstone radio. Ernest Bigler, 292 Cleveland Ave., Macon, GA 31204. (912) 746-6616. E-mail: lerybigler@webtv.net

**WANTED:** Photocopy of operating instructions Philco Mystery Control. Have service and alignment info. Chuck Schwark, 7454 N. Campbell Ave., Chicago, IL 60645. E-mail: caschwark@aol.com



**WANTED:** Pilot set pictured and similar, also Pilots with drum-type dials. Pay to \$1,500 or have trades. Pay finders fee for information leading to purchase. Shipping from anywhere no problem. Thanking everyone in advance. Bill Moore, 1901 Spanish Oaks, Huntsville, AL 35803. (256) 885-0068. E-mail: bmoore2nd@aol.com

**WANTED:** Monitoradio Policalarm Model PR-9 and PR-31 in good condition. Will pay fair price. Joe Essdale, 1769 Eastwood Ave., Highland Park, IL 60035 (847) 831-2544

**WANTED:** Owner's manuals for Teac cassette Models V1RX, V95RX and CX 650R. George C. Harris, 3212 36th St., Lubbock, TX 79413-2323. (806) 799-2589. E-mail: gharris@juno.com

**WANTED:** Schematics for Radio Craftmen tuner RC 10. Sams 110-12. M. Reilly, PO Box 570543, Miami, FL 33257. (305) 243-9004

**WANTED:** Portable SW multiband radios. Panasonic RF8000. Braun T1000. Zenith green military. 1960s (WRTH) hand books. Front cover for Sony CRF 330K. Denis Burke, 308 Person St., PO Box 137, Runnels IA 50237. (515) 966-2871. E-mail: zeenith@msn.com



Antique Electronic Supply wants your tubes!

NEW TUBES

300A WE	\$300.00	845	\$125.00	5692-Red (Red Base)	\$30.00	V201A	\$24.00
300B WE	\$350.00	211A/VT4C	\$75.00	6SN7GT-B (Full Base USA only)	\$4.00	171-A	\$20.00
Engraved base on above adds	\$50.00	6CD7/EM34	\$24.00	6900 (Bandys)	\$110.00	2B2	\$14.00
274A WE	\$175.00	EM35	\$24.00	12SX7GT	\$3.50	WD-11	\$70.00
274B WE	\$150.00	2A3	\$75.00	6UEC6/BL06	\$17.50	01A (ST)	\$15.00
275A WE	\$75.00	2A3 Single Plate	\$15.00	6LF6/6BMH6	\$25.00	30 (Must say 30)	\$5.00
310A/B WE	\$15.00	5992 (Bandys)	\$16.00	20L6F	\$27.50	31	\$4.00
262A/B WE	\$50.00	5AR4GZ34 (European USA)	\$12.00	6J58C	\$20.00	B64	\$12.00
348A WE	\$50.00	7868	\$30.00	6KD6	\$15.00	6A8	\$4.00
417A WE	\$15.00	6A3	\$30.00	6KV6	\$12.00	6AB7	\$5.00
420 WE	\$23.00	12AX7A-Tele (Smooth Plate)	\$30.00	6LR6	\$14.00	6F6GT	\$5.00
421A WE	\$15.00	12AX7A (Mullard)	\$30.00	21J56/23J56	\$8.00	6V4/EZ80	\$2.00
437A WE	\$30.00	12AX7A (Amperex B B)	\$15.00	27L6	\$18.00	41-5T	\$3.00
412A WE	\$10.00	12AX7A (RCA)	\$15.00	40K6A/PL519	\$3.00	5Y4G	\$2.50
6CA7_EL34-M (MULLARD)	\$40.00	12AT7	\$4.00	6JU6	\$5.00	6398	\$16.00
80S_EL84	\$8.50	(Tele Mullard Amperex B B)	\$15.00	8950	\$35.00	6072-A	\$4.00
6B05_EL84 (Tele Mullard Amperex B B)	\$12.00	12AT7 (RCA)	\$5.00	M-2057	\$50.00		
6V8GT	\$6.00	12AU7A	\$5.00	8908	\$35.00		
6550 (Tung-Sol)	\$40.00	12AU7A (RCA)	\$12.50	42K/6	\$3.00		
6L6GC (RCA Black Plate)	\$25.00	6D3	\$8.00	31L06	\$7.00		
7189A	\$12.50	(Tele Mullard Amperex B B)	\$8.00	6KN6	\$6.00		
7027A	\$25.00	7308GP (Gold Pn)	\$10.00	X201A/301A	\$15.00		
7501A	\$32.00	7025 (Can have only 7025 on glass)					

B B - Bugle Boy  
Tele - Telefunken

USED TUBES

300A WE	\$150.00	437A WE	\$15.00	2A3 Single Plate	\$50.00	6KV5	\$8.50	V201A	\$12.00
300B WE	\$175.00	6CA7/EL34 (Mullard only)	\$20.00	6A3	\$5.00	6LR6	\$7.00	171-A	\$10.00
Engraved base on above adds	\$50.00	791A	\$10.00	6J58C/BL06	\$6.00	21J56/23J56	\$4.00	2B2	\$12.00
274A WE	\$175.00	791A	\$18.00	6LF6/6BMH6	\$14.00	8950	\$25.00	WD-11	\$38.00
274B WE	\$150.00	845	\$50.00	20L6F	\$14.00	M-2057	\$36.00	01A (ST)	\$8.00
275A WE	\$75.00	211A/VT4C	\$15.00	6J58C	\$4.00	8908	\$17.50	30 (Must say 30)	\$3.00
310A/B WE	\$15.00	2A3	\$12.00	6KD6	\$4.00	X201A/301A	\$7.50		

We need the following tubes. All must be well known brands (GE, RCA, Sylvania, Tung-Sol, Philips, etc. of U.S. or W. Europe manufacture). New tubes must be in original boxes. All tubes subject to inspection. Ship by UPS (ground), we'll mail a check upon receipt and testing at prices shown plus your shipping charges. Call or fax for buying procedure and complete bid list. Call before sending more than 10 pieces of one type of tube.

CALL FOR OUR FREE 72 PAGE CATALOG!

8221 S. Maple Ave. Tempe, AZ 85283 (480) 820-5411 FAX (480) 820-4643 or (800) 708-6789  
www.tubesandmore.com E-MAIL info@tubesandmore.com

**FOR SALE:** 1940s radio magazines. Large stock of original unused Australasian Radio World magazines 1943 to 1949. Full of radio and audio articles, circuits, designs, reviews, data and interesting 1940s ads. 5 different issues - \$10 plus \$10 airmail. 10 different issues - \$20 plus \$10 airmail. Plus our catalogue of loop antenna and spiderweb coil kits, tubes and parts included with each order. Prices are in U.S. dollars, Visa or Mastercard by mail or fax. American Express U.S.D. money order or U.S. cash by mail. Gumleaf Radio, 16 Central Park, Frankston 3199, Australia. Ph./fax: 61-3-9781 3271

**NOTICE TO ALL  
CLASSIFIED ADVERTISERS!  
OUR CLASSIFIED AD DEADLINE IS  
12:00 NOON  
ON THE 10th OF EACH MONTH**

**FOR SALE:** Motorola 5X1 - \$95. GE 401 - \$45; GE GD60 Deco slant front with thumbwheels and pushbuttons - \$85. RCA 66X1 AM/SW - \$55; RCA 87T2 tombstone with tuning eye - \$95; RCA 8R71 black Bakelite case & back - \$75; RCA 26X4 AM/SW with pushbuttons - \$65; RCA 16X4 AM/SW with pushbuttons - \$65. Philco 42-335 rare - \$75; Philco 46-421 - \$65. Emerson L122 - \$50. LaFayette AM/2SW #D33 with tuning eye & Tennite escutcheon & knobs - \$60. Westinghouse Deco WR 222 - \$65. Fada 209 - \$75. CBS Columbia white Plaskon 5165 rare - \$75. National NC173 receiver with manual - \$225. Frank J. Manzano, 82 Monhegon Ave., Oakland, NJ 07436. (201) 337-5263. E-mail: fjd2000@aol.com

**FOR SALE:** Riders RCA Cunningham Perpetual Troubleshooters manual, 1921-1930 radio schematics. 2,767 pages - \$125. Bill Rolf, 30131 Center Ridge., Westlake, OH 44145. (440) 871-4547

**FOR SALE:** Surplus consoles at bargain prices. Some restored, others need work. Malcolm D. Burdick, W1NOO, 156 Station Rd., Hampton, CT 06247. (860) 455-9640, before 8:30

**FOR SALE:** Test equipment. Heathkit Precision audio analyzer. Clean, complete Model AA-1 - \$50 + S&H. Leroy Neal, 603 Butterworth Ave., Dyersburg, TN 38024. (901) 285-5120, after 8 PM CDT

**FOR SALE:** Dual Electrolytic capacitors. 50-30 MFD at 160 VDC - \$3.75 each for 4 or more. Includes P&H. Six other values in stock. Also new manufacture twist prong, stud mount, clamp mount, and octal based capacitors. Call or write for free flyers. DH Distributors, PO Box 48623, Wichita, KS 67201-8623. (888) 684-0050 v/f

**FOR SALE:** 12" Wharfdale P.M. speaker - \$25. Sams binders, full or empty - \$10 plus UPS. William K. Seiler, 8819 S. State Rd. 135, Pekin, IN 47165. (812) 883-1453

**FOR SALE:** HRO 60 coils G/H/J & box - \$475. NC-46 - \$175. Scott RBO - \$200. Hallicrafters S-108 - \$135. HQ 180AX w/noise silencer - \$775. Knight R-100A - \$225. Heath Shawnee 6 meter - \$145. Meissner signal shifter w/160M & NBFM - \$95. New list, free! Richard Prester, 131 Ridge Rd., West Milford, NJ 07480. (973) 728-2454. E-mail: rprester@warwick.net

**FOR SALE:** Tube tester 83YX143 - \$100. Signal generator 83YX145 - \$50. Knight kits N.O.S. Unopened parts, kits new. Frank Brewster, 2020 W. 5th, Baxter Springs, KS 66713. (316) 856-3220, evs.

**FOR SALE:** Philco Predicta TV, like August '99 A.R.C. cover except with clock - \$400, OBO. Louis Yadevia, 601 Church Ln., Upper Darby, PA 19082. (610) 622-2573

**FOR SALE:** RCA 2X61, vg - \$45. Zenith H615Z1, vg - \$35; Zenith H725Z, vg - \$55. Bob Fuerdorer, Holly Farm, 813 Rte. 12A, Surry, NH 03431. (603) 352-3005

**FOR SALE:** Dynaco SCA-35. Philco 90H speaker. Tubes: 27, 32, 47, 80. WANTED: 1" oscilloscopes. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

**FOR SALE:** Pilot wasp coil no ring - \$15. Hallicrafters weather radio CRX-2A works - \$30. Joseph B. Kelber, 503 S. Scranton Ave., Scranton, KS 66537. (785) 793-2323. E-mail: ble17@juno.com

**FOR SALE:** H500 Trans-Oceanic parts set - \$40 shipped. Radiola 25, excellent - \$275 pick-up only. Claude Chafin, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-4518. E-mail: n0fmo@msn.com

**FOR SALE:** 1937 RCA 9U2 Magic Brain Magic Eye Magic Voice console, automatic operation turntable - \$375. Stereo consoles: late-50s Stromberg-Carlson Danish modern, early-60s Zenith Danish modern, early-60s 2-piece Zenith contemporary - \$75 ea. TVs: Sylvania Sylhouette - \$250; Sony KV-1210U - \$75. Console radios: American Bosch 58 - \$200; Zenith 8-S-661 - \$250. Al Anderson, 510 Park Ave., Mechanicville, NY 12118. (518) 664-1490. E-mail: aanders1@nycap.rr.com

**FOR SALE:** 1940s Detrola wood tabletop radio/phone, very handsome refinished cabinet, rebuilt radio, new 78 rpm phonograph cartridge - \$175. Pat Martone, 303 Franklin St., Melrose, MA 02176. (781) 665-4568, call before 10 pm EST

**FOR SALE:** Johnson Viking Adventurer transmitter - \$45 plus shipping. George Fitzpatrick, 204 N.E. 17th Ave., Fort Lauderdale, FL 33301. (954) 467-7036

**FOR SALE:** Tubes. 6E5, used - \$15; new - \$25. 6U5/6G5, used - \$25. WD12, used - \$35; new - \$50. BH, used - \$11. 2A3, used - \$25; new - \$50. 6A3, new - \$30. 807, new - \$11. 829, used - \$10. Phono parts for 45 players cartridges - \$32. Idler wheel or cycling cam - \$30. RCA booklet for fixing RP190 or RP168 changers - \$11 ppd. Idler wheels for other changers - \$25 and up. Cartridges and needles for almost all changers, plus postage. Send for our book list and our novelty list LSASE w/55¢ postage. J.J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (586) 464-6741. E-mail: jipapo@juno.com

**FOR SALE:** Used tested balloon #27s & #26s - \$4 ea. + shipping. Kirk Cline, PO Box 9462, Greensboro, NC 27429-0462. (336) 288-6903. Fax: (336) 282-8366. E-mail: kirk6922@triad.rr.com

**FOR SALE:** RCA clock radio Model RZD434WWALGR in working condition - \$20 plus shipping. Michael Leopold, 788 Duxbury Ln., Bartlett, IL 60103. (630) 540-1282. E-mail: mlradios@aol.com

**FOR SALE:** N.O.S. Electrodynamic loudspeakers: Jensen 4 inch 3,000 ohm field coil - \$10; Magnavox 12 inch 240 ohm field coil - \$20; 1920s RCA from Model 104, used, heavy shipping - \$25. Ellsworth O. Johnson, 364 S. Coeur Dalene St., Spokane, WA 99204-1063. (509) 838-2161. E-mail: eojohnsonww2@home.com

# EXTRAVAGANZA '00

Hosted by the Michigan Antique Radio Club

July 6-9, 2000

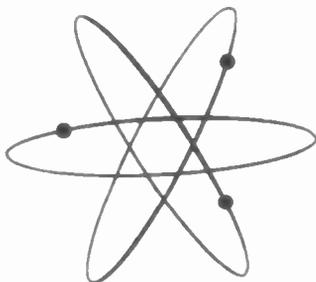


Holiday Inn South Convention Center  
6820 S. Cedar Street, Lansing, MI 48911  
(517) 694-8123



Come join us for our 15th annual convention

CONVENTION THEME:



HIGHLIGHTS:

- HUGE 3-DAY OPEN AIR FLEA MARKET
- NOTE: FLEA MARKET STARTS FRIDAY!
- SAT. AUCTION WITH RICH ESTES
- HEATHKIT EXHIBIT
- EQUIPMENT CONTEST
- INFORMAL SOCIAL HOUR
- 4 INFORMATIVE PROGRAMS
- DAILY DRAWINGS

To mail check or to request a convention brochure, write: EXTRAVAGANZA '00, 3520 Okemos Rd. #6, Okemos, MI 48864. For additional information contact: Jim Clark @ (517) 349-7187 or E-mail: JCØ72651@AOL.COM, or check out the MARC Homepage at [www.antiqueradios.com/marc](http://www.antiqueradios.com/marc)

## EXTRAVAGANZA '00 Registration

Note: Everyone attending EXTRAVAGANZA must register! The monies collected as a result of registration are a major source of revenue that help pay for this event. Your cooperation is appreciated.

Family Registration <small>(All registrants must live at same address)</small>		TOTAL
Current MARC member	\$ 12 →	\$
Non-MARC member	\$ 18* →	\$
<b>Outdoor Flea Market sellers</b>		
1st outside Flea Market space (\$20)	→	\$
Additional outside spaces <input type="text"/> # spaces x \$10 each	→	\$
8' table to rent <input type="text"/> # tables x \$10 each	→	\$
<b>Under Tent Flea Market sellers</b>		
8' table with 2 chairs <input type="text"/> # tables x \$20 each	→	\$
<b>Make check out to MARC for this amount</b>	<b>TOTAL</b>	<b>\$</b>

\* Includes MARC membership from July-December 31, 2000.

FOR SALE: RME 4350A, ham radio, works, rare - \$125. Telefunken Gavotte 7, works great - \$75. Zenith T-O R1000-1, works - \$50. Stromberg-Carlson 1105, parts set - \$10. Thanks. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (323) 661-1221

## One Month Free!

### BONUS FOR EARLY RENEWALS

If you renew before 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 for an early 2-year renewal!

FOR SALE: A rare Magnavox 1940s FM accessory! It's an FM tuner, disguised to look like two books, designed to fit into the record storage area of high end Magnavox and other brands high end radio consoles, correctly restored, new caps and tuning eye, unique lighted dial, priced at - \$295. Charles Harper, 2000 Jacktown Rd., Paris, KY 40361. (859) 484-9393. E-mail: charper@kyk.net

FOR SALE: Capacitors. New manufacture electrolytic, film and mica capacitors in stock at great prices. Check out our web site and contact us for free brochure. Radio Daze, LLC, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

FOR SALE: Sonora crank phonograph parts. Emerson 646-B portable radio. Bendix 736B floor model. TCM, PO Box 363, Rotterdam Junction, NY 12150-0363

FOR SALE: Garybar 600, asking - \$225. Zenith shortwave portable radio, leather case Model 7G605, chassis 7B04, asking - \$360. Silvertone catalog 7095, chassis 101.826, asking - \$135. Serge Higley, RR1, Ottawa, OH 45875. (419) 523-4432



# RADIO DAZE



## VINTAGE RADIO & ELECTRONICS

Sales • Service • Components • Supplies

We are dramatically expanding our charter! Our goal is to become THE PREMIER source of components, products, services, supplies and information for the vintage electronics marketplace supporting both individual and business customers.

We are proud to be distributors for many fine companies including:

Hammond Manufacturing • GC Electronics  
Hicon Components • Howard Products

Check us out BEFORE you place your next vintage electronics order. We WELCOME internet, phone and credit card orders !!!



Visit Our On-Line Catalog At:  
www.radiodaze.com



### MAIN OFFICES & RETAIL STORE

7 Assembly Drive, Mendon, New York 14506  
Tel: 716-624-9755 Fax: 716-624-7857  
email: info@radiodaze.com  
Radio Daze, LLC - A Limited Liability Company

FOR SALE: Free delivery to Lansing, Elgin and Rochester meets. Walton's 7J232; beautiful original Zenith 12S267; AK 92, touched up original, rebuilt - \$750; Pilot TV, very nice - \$395; 6 tube Trav-Ler cathedral, near mint - \$395; RCA Transistor Stratoworld 1MBT 6, excellent condition - \$450; Bing Crosby Philco radio phono - \$125; Zenith 7S434 pillared table model, rare - \$550. RCA La Sista - \$725; Sony mini-tv 5-307UW with box, excellent, with accessories - \$195; brown Hallicrafters TW 2000 - \$195; Stewart-Wamer 1231 mini cathedral, nice original - \$345; Zenith 10S531 large table model; rare Zenith console 9S369; 15S479 motor drive shutterdial. Stromberg-Carlsons: 231F mirror top chairside; 130H; 130R; 225H. Cathedrals: Zenith LH - \$395; Zenith 210 - \$395; Zenith 805 - \$425. To reference our Zenith models, order our 60 page 11 x 17 Zenith brochure book for - \$28.95 ppd. The Story Of Zenith: 1954 booklet Zenith reprinted 10 years ago - \$9 ppd. Most Trans-Oceanics available - Call. Many Rider's manuals available including 3, 17, 18, 20 - Call. Zenith consoles: Aviatrix; 15S373; 15U270; 15U479; 12H689; 12S568; 12S569; 12S471; 12S370; 12S371; 12S265; 12S266; 12S268; 12U159; 12U158; 12A58; 12A57; 980; 11S474; 10S470; 10S153; 10S155; 10S156; 10S160; 9S54; 9S55; 9S262; 9S264; 9S365; 9S367; 9S369; 8S154; 8S463 (5808); 8S359; 7S261 bookcase; 6S362; 7S363; 7S364; 775B; 755 and many others. Zenith chairside: 10S147; 9S244; 9S344; 7S342; 7S340; 7S240; 6S239; 6S238; 6S249; 6S341; 6S241 bar radio. Zenith table models: 4K535; 5S126; 5S127; 5S319; 6S322; 6S528; 7S432. Cathedrals: LH; L; 210; 805; 6D029; 6D630; 7S323; 6S439; 6V27; 6S27; 6S128; 6S229; 8S443; 10S130; 12S445; 8S531; 288; 711; 807; and others. Others available: Stromberg, Philco, GE, RCA, Fada. We can and do ship consoles and we do it right. All radios unrestored electrically unless noted. Satisfaction guaranteed, highest quality assured. New free parts and supplies catalog. We offer complete chassis restoration service on all radios, including complete speaker repair - Call. Visiting Minneapolis? Visit our store at 5200 Bloomington Ave., 5 minutes from the airport. Visa, MC, Discover. Go to our Web site at: www.GN4RADIOS.com. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489. Fax: (612) 821-4821, 8 am to 5 pm Tues.-Fri., Sat. 10-3. E-mail: mte612@aol.com

FOR SALE: (24) old 8mm movie cartoons, all 200 ft. in orig. bxs - \$100. Ron Burtzos, 2325 Chestnut Ln., Sycamore, IL 60178. (815) 899-3166

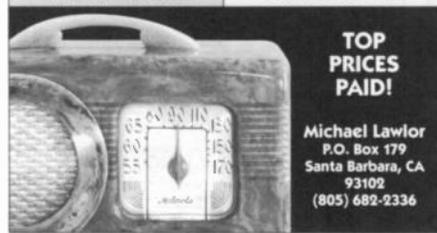
FOR SALE: N.I.B. Sony ICF-2010 - \$295. Sony ICF-2001, mint - \$195. Sony PR-80, new boxed - \$250. Grundig YB-400 PE, new - \$175. Leica IIIA & lens camera - \$500. All + shipping. Gerald Silver, 10863 W. Clairmont Cir., Tamarac, FL 33321. (954) 720-1972

## CATALIN

## WANTED

## WANTED

## RADIOS



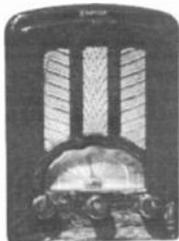
TOP  
PRICES  
PAID!

Michael Lawlor  
P.O. Box 179  
Santa Barbara, CA  
93102  
(805) 682-9336

**WANTED:** Western Electric: amplifiers 25-A, 25-B, 25-C, transformers 90A, 90B, 227A, 227C, 120B, 120H. Ming Yang, 346 Donald Dr., Moraga, CA 94556. (925) 376-4220

**WANTED:** 15S479 Zenith console. Price based on condition. Will be at major meets. Call me when you can part with yours. Ken Lowther, 7869 Fort Laurens Rd. NW, Strasburg, OH 44680. (330) 878-5206

**WANTED:** Voice of Music parts, accessories, idlers, dealer items. Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (248) 478-0990. E-mail: gstork@concentric.net



**WANTED:** Emerson Catalin radios. Nobody pays more than I. What an arrogant and inaccurate thing to say. I mean, like there isn't anyone wealthy enough, dumb enough, desperate enough – or any combination of the three – to pay even a dollar more than I would pay. I mean, c'mon, who am I trying to kid! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Harman Kardon Model HK 770 amplifier & Model HK 715 tuner. F. Baxter, 111 Grizzly Bear Path, Ormond Beach, FL 32174. (904) 676-0461. E-mail: tmcfcb@n-jcenter.com

**WANTED:** Emerson 888 transistor radio. Mark Hewitt, 6659 Tipperary Trl., Roscoe, IL 61073. (815) 623-8729

**WANTED:** Tube shield for Model 124 Crosley, used Wards Airliner number 47 tube. Jack Ghery, 1753 Community Beach Rd., Odin, IL 62870. (618) 532-5548

**WANTED:** Raytheon RK Series tubes. RK16, RK25A, RK25B, RK30, RK32, RK41, RK44, RK45, RK46, RK56, RK58, RK63A. John H. Walker, Jr., 13406 W. 128th Ter., Overland Park, KS 66213. (913) 782-6455. E-mail: johnh.walker@honeywell.com

**WANTED:** To buy a Signet horn for an Edison cylinder phonograph. Pay cash or other Edison parts to trade. **FOR SALE:** Mitchell clock radio (ivory) and American Beauty 5-tube battery radio, has warped top. Dennis W. McDonald, 1813 Main Ave., Clear Lake, IA 50428. (515) 357-2446

## The Electronics Collector

(Formerly Transistor Network)

Transistor, Tube, Novelty & Crystal Radios • Recorders • Hearing Aids • Calculators • Reviews • Repair & Restoration • More

Information • Articles • Classifieds

### Subscribe Today!

\$24.95 U.S. (First Class) \$34.95 Canada (Air)  
\$43.95 Other Countries (Air)

Subscribers get a free 50-word ad monthly.

The Electronics Collector

P.O. Box 43, Dept. C, Live Oak, FL 32064-0043

Free sample copy upon request.

**WANTED:** Olympic Model 6-501: 1946 found on p. 71 Radios The Golden Age, by Philip Collins. Very important. Ron Tymer, 5277 Troy Ave., Fremont, CA 94536. (510) 792-1902

**WANTED:** Collections, bulk and estate sales of radios, tubes, literature, advertising, etc. Radio Daze, LLC, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: www.radiodaze.com

**WANTED:** RCA SW-2 chassis (round top shortwave converter), junker set OK. Wayne King, 408 Forbes Dr., Shelbyville, KY 40065. (502) 633-6564

**WANTED:** Type E, F, G, H, J, AA, AB and AC coils and coil box for National HRO-50T1 receiver. Globe Chief, Globe Scout, Johnson Navigator or Ranger, Heath AT-1, DX-20, DX-35, DX-40 or similar transmitter. ARC-5 receiver with power supply. 1940s/1950s vintage headphones. Morgan Godwin, 166 W. 87th St., #901, New York, NY 10024-2901

**WANTED:** AK Model 80 meterodyne chassis, need not work. Martin Gottstine, 16 West Wind Dr., Topsham, ME 04086. (207) 729-7823. E-mail: brd1mlg@ned10.med.navy.mil

**WANTED:** Info to reproduce a new black dial and shutters for Zenith 12S265 shutterdial. Mark W. Hilliard, 921 S. Edward St., Allentown, PA 18103. (610) 432-8089

**WANTED:** Russian table radios from 1940-50s. See wanted page at: <http://home.pinehurst.net/sai/radio/>. Louie Scribner, 150 E. Connecticut Ave., Southern Pines, NC 28387. (910) 695-8884. E-mail: louie@pinehurst.net

**WANTED:** Zenith Aviatrx 767. Atwater Kent sets in Pooley cabinets. Will be at Elgin. Carl R. Shirley, 824 Fairwood Dr., Columbia, SC 29209. (803) 776-6850. E-mail: shirleyc@gwm.sc.edu



## NEW QUALITY CAPACITORS:



### Volt 630 Axial Leads

Part Number	Value (UF)	*Price/25	**Each
.001-630-AL	.001	\$ 6.00	24¢
.0047-630-AL	.0047	\$ 6.25	25¢
.0068-630-AL	.0068	\$ 6.35	25¢
.01-630-AL	.01	\$ 6.50	26¢
.022-630-AL	.022	\$ 7.00	28¢
.033-630-AL	.033	\$ 7.25	29¢
.047-630-AL	.047	\$ 7.50	30¢
.1-630-AL	.1	\$ 8.00	32¢
.22-630-AL	.22	\$ 15.00	60¢
.47-630-AL	.47	\$ 20.00	80¢

### ELECTROLYTICS:

#### Volt 160 Axial Leads

22-160-AL	22	\$ 16.00	64¢
33-160-AL	33	\$ 21.00	84¢
47-160-AL	47	\$ 24.00	96¢

#### Volt 450 Axial Leads

10-450-AL	10	\$ 18.75	75¢
22-450-AL	22	\$ 28.00	\$ 1.12
47-450-AL	47	\$ 45.00	\$ 1.80
47-450-AL10	47	\$ 20.00 (per 10)	\$ 2.00
100-450-AL10	100 NEW	\$ 28.50 (per 10)	\$ 2.85

To order, Send Check or Money Order to:

### BOB'S ANTIQUE RADIOS AND ELECTRONICS

111 East 29th Street La Grange Park, Illinois 60526

Telephone: (708) 352-0648 / Fax: (708) 352-0647

Visit [radioantiques.com](http://radioantiques.com) or e-mail: [radiobob1@aol.com](mailto:radiobob1@aol.com)

Ask About Super Bulk Rates/Sorry No Credit Cards or C.O.D.'s

Shipping & Handling included in price \*\*Companion price only

\*Sold in 25 piece lots - No Minimum Order

**FOR SALE:** We have over (100) different highest quality repro knobs. New free parts and supplies catalog. New: High quality photocopies of both versions of the 25 tube Zenith Stratosphere owner's manuals - \$20 each. New design Zenith t-shirts and sweats: the pre-war Zenith neon window sign in electric green and orange on either black or white! Also the 1938 Zenith Robot Dial design, and another one with the original Zenith logo! T-shirts, all sizes - \$14.95; sweats - \$22. Call for more info. Glass rods for your Zenith 5S317 - \$8 ea. Toothed drive belt for the Zenith 7000 - \$5 plus \$1.50 shipping. Rubber gasket for the dial glass for Zenith and other brands - \$3 per foot. Brass inserts for Zenith Trans-Oceanics and 1942 Zeniths - \$5 each or; 2 for - \$8. Also H500 and 600 knobs with inserts - \$15. We stock a large selection of quality repro grille cloth. Lucite dial lens 1942 Zeniths - \$16. Universal Dial Belt Kit - \$9.95 ppd. Complete speaker repair - Call. Visa, Discover Mastercard. Go to our Web site at: [www.GN4RADIOS.com](http://www.GN4RADIOS.com). Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am-5 pm Tues.-Fri., Sat. 10-3. Fax only: (612) 821-4821. E-mail: [mte612@aol.com](mailto:mte612@aol.com)

**FOR SALE:** Custom made cloth-covered hookup wire, #20 gauge, great for restorations or new projects. Eight colors in stranded and five colors in solid. Also cloth covered power cord, 2 #18 gauge. Check out our web site or contact us for our free brochure. Radio Daze, LLC, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (800) 456-6494. E-mail: [info@radiodaze.com](mailto:info@radiodaze.com). Web: [www.radiodaze.com](http://www.radiodaze.com)

**FOR SALE:** Ballantine 355 voltmeter, RCA 9 Heath VTM DeVry Institute meter, Heathkit IM104 meter, Regency MR10 receiver, Masco ME 18P amp, Arkay AM-FM stereo tuner, Zenith 505 portable, complete auto tune receiver, AM-FM for 66-67 Lincoln. Dennis Schmidt, 70 S. Weeden Rd., Wakefield, RI 02879. (401) 782-8711. Fax: (401) 792-9930, prefer fax

## **RADIO AUCTION**

**Friday, June 30, 2000**

**Dennis Auction Ctr., Hwy 57W**

**Stewartsville, NJ - - 6:00 pm**

**Preview: Thurs, 4-8 pm & Fri. after 12**

**Large selection of consoles, table radios, battery sets, HAM gear, test equipment, wood cased GR lab equipment, parts and tubes. Radios include Atwater Kent, Fada, Philco, Westinghouse Columaire, Fairbanks-Morse, Zenith, Arvin, Stewart Warner, GE, RCA and others, plus magazines, Riders & other paper.**  
**(908) 859-3424 for info**  
**[www.dennisauction.com](http://www.dennisauction.com)**

10% buyers premium applies

**FORSALE:** Sony SW-55, excellent shortwave receiver, traveler's case and accessories - \$215 shipped. Arnold Giron, PO Box 862533, Los Angeles, CA 90086. (323) 221-9211

**FOR SALE:** N.I.B. General Electric transistors. Part numbers 4JX11C1847, 4JX1C1132A649 - \$150 ea. Make Offer. Ken Lemke, 1452 Fall Crk. Rd., Canisteo, NY 14823. (607) 698-4938

### **CLASSIFIED AD NOTICE**

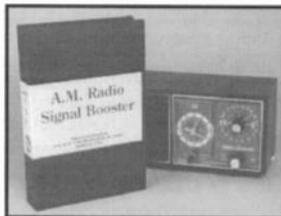
**Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.**

**FOR SALE:** 800+ 78 rpm records, mostly country, western, appraised at \$1,400. Negotiate for much less. Cleo McAlexander, Box 4, Stanleytown, VA 24168. (540) 629-2972. E-mail: [cmcalexander@stanelyfurniture.com](mailto:cmcalexander@stanelyfurniture.com)

**FOR SALE:** Bang! Bang! Fourth of July specials! Blue glass tubes, all test good: Type 26 - \$12. Type 27 - \$15. Type 51 - \$15. Type 57 - \$15. Type 58 - \$18. Type 133 - \$20. Other tubes, testing good: 199 fat base - \$18. UV-199 - \$20. UX-199 - \$20. UV-200, BB tipped - \$75. WD-11, BB, tipped - \$65. 371-A, globe - \$15. 30, globe - \$8. Weird black base tubes, testing good: Philco Type 2, globe - \$8. KX12F, 3-pin, Japanese markings - \$10. 281, globe - \$20. 4602, globe - \$10. VT-119, ST - \$15. 240, globe - \$10. 12A, ST, weak - \$10. Other tubes, black bases: 33 - \$10. 37, globe - \$4. 38, globe + ST - \$4. 39, ST - \$3. 247, globe - \$6. Other tubes, rare types, brass-based, but all test open-nice display types: 202, globe; relay, tipped; DeForest Moorehead, tipped; VT-14, tipped; BH tipped. Also test open: 864; WE 239 tipped. Call: Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649. (508) 477-1578, before 9 pm please

### **IT'S HERE!**

The solution to poor reception on your A.M. radio. Designed to improve signal strength on portable and table model radios, our easy to use signal booster works great with any radio that has a built-in ferrite or air wound antenna. Needs no battery or A.C. power. Lifetime warranty.



Model 1601 covers 530-1600 kHz - \$45.

Model 1701 covers 530-1700 kHz - \$54.

Please add \$6 S&H (U.S.)

Send payment with order. Money back (less S&H charge) if not satisfied with our product.

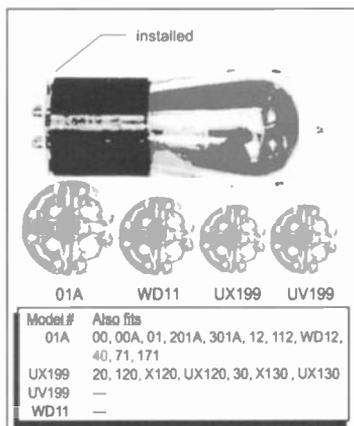


**FALA ELECTRONICS**

PO Box 1376, Milwaukee, WI 53201

# Radio Restoration Parts

## Vacuum Tube Repair Wafers



These tube repair wafers are solid-state devices for quick and easy repair of early vacuum tubes. The wafer is installed by simply sliding it over the tube pins and reinserting the tube into its socket. If the filament is intact, but there is little or no emission, the filament may be lit for best visual effect. However, the tube can be open filament.

No change in radio operating voltages is required. Any number of tubes may be repaired in a radio. If wafers are installed on all tubes, the B+ voltage may usually be reduced without sacrificing volume or sensitivity. Performance will vary between radio models.

*\$10.00/each (\$7.50/ea. 3 or more)*

## Antique Radio Power Supply

The H15/ H16 power supplies operates most tube type battery radios from low cost batteries. The H15/H16 steps up the voltage from a 6V battery to provide 22.5V, 45V, and 90VDC for the "B" voltage requirements.

A very desirable feature of the H15/H16 is the method of switching power on and off. This function is provided by the switch on the radio. No radio modification required.

The "A" voltage required by the radio can be from "C" or "D" flashlight batteries or from a 6V gelled electrolyte battery when operating 5V tubes. When operating 1.5, 2, or 3V tubes the H15/H16 can be powered by 4 "C" or "D" flashlight batteries or from a 6V gelled electrolyte battery. The gelled electrolyte battery can operate both the H15/H16 and the 6V "A" supply for 5V tubes from one battery.

Order the H15 of parallel filaments or the H16 for series filaments.

The compact size, 4"X4"X3/4", allows the unit to be installed with batteries in the battery compartment of most radios.

H15 or H16: \$99.50. Accessories: "D" cell holders: \$6.00 per set. 6V 10AH battery \$31.00. Battery charger \$45.00. 1.5 - 90V socket \$9.50.



## Active Antenna

Allows antique radios which were designed for a long wire outdoor antenna to operate on a 42" indoor whip antenna. Portable, operates from a 9 volt battery.

*Only \$34.95*

## New Atwater Kent Breadboard Switch -

*Only \$50*

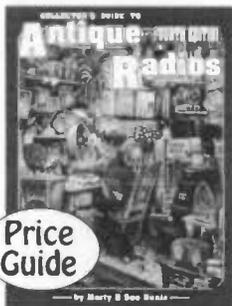
Order from: PTI, 7925 Mabelvale Cutoff, Mabelvale, AR 72103

Orders shipped UPS or Parcel Post, prepaid in continental U.S. Please allow 3 weeks for delivery.  
Arkansas residents add 6.125% sales tax.



**To Order: Call (501) 568-1995**

# Order These Popular Books From Antique Radio Classified



Price  
Guide

**The Collector's Guide to Antique Radios 4th Edition** by Marty & Sue Bunis. 8,500+ Battery & AC sets from the '20s to the '60s. Updated prices. Many new photos. 1996. Shipping Now. — **\$18.95**  
**Combined Ed., CD-ROM** by Bunis & Kaczowka. Available Now. — **\$39.95**



Price  
Guide

**The Collector's Guide to Transistor Radios 2nd Edition** by Marty & Sue Bunis. This book will help you identify the most sought-after vintage transistor radios. Over 2,900 models, all with current prices. Includes radio club listing. 375 all new color photos, 320 pages. 1996. — **\$16.95**

NEW.....

**The Collector's Guide to Antique Radios, Combined Ed., CD-ROM**, Bunis & Kaczowka. Combines book editions 1-4. Over 9,000 models with pricing. 1,800 full color photos. Requires a web browser. Runs on both IBM & Mac. 1998. .... **\$39.95**

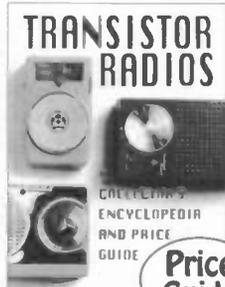
**The Collector's Guide to Vintage Televisions**, Durbal & Bubenheimer. Size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs made from 1945-1960 and transistor TV sets through 1980. 200+ color photos. Price guide. 176 pgs. .... **\$15.95**



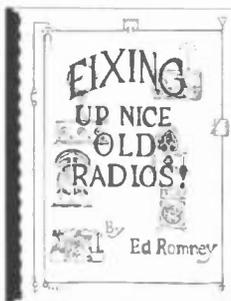
Price  
Guide

**The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.** by Robert Grinder. Over 20,000 radios by manufacturer, model number, year, etc. with prices. Radio history, cabinet style chapters. No photos, 264 pages. — **\$26.95**

**Transistor Radios, A Collector's Encyclopedia and Price Guide** by Robert Lane and David Lane. Identification guide to over 2,500 transistor and novelty radios. History and key to collecting chapters, 170 pages. — **\$19.95**



Price  
Guide



**Fixing Up Nice Old Radios** by Ed Romney. Written by a retired radio instructor. Plastic binding. 300+ figures, 185 pages. — **\$35.00**

**Old Time Radios Restoration and Repair** by Joseph J. Carr. A self-paced training guide. History, theory and practical operation of antique and classic radios. 200 illustrations, 256 pages. — **\$19.95**



**Everything stocked and shipped promptly - Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



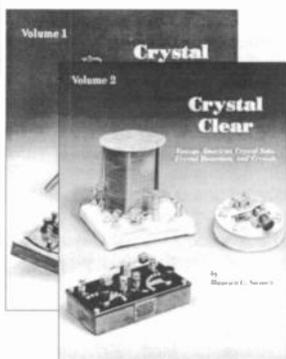
**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

Fax: (978) 371-7129 - E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) - Web: [www.antiqueradio.com](http://www.antiqueradio.com)



(Jul-00)

# Order These Popular Books From Antique Radio Classified



**Crystal Clear Volume 1 and Crystal Clear Volume 2** by Sievers. *Comprehensive reference to crystal sets, crystal detectors, and crystals. Each volume contains different illustrations and information. Order by volume. — \$29.95*



**Flick of the Switch** by Morgan McMahon. *The classic photo reference guide for 1930s - 1950s radios. 1000+ photos of radios, 5" x 8", 263 pages. — \$11.95*

**Hams! We now have 8 ham books . See our full page ad**

## NEW.....

**Radio Tubes and Boxes of the 1920s**, Fathauer. *Pictorial presentation of radio tubes of the 20s, including packaging and advertising. 400+ color photos and illustrations. 105 pages. .... \$26.95*

**A Pictorial History of Collins Amateur Radio Equipment**, Miller. *The most complete story of Collins told in hundreds of photos and in the words of the men who made it happen. 175 pages..... \$39.95*



**Guide to Old Radios, Pointers Pictures, and Prices, 2nd Ed.** by Johnson. *Introduction to radio collecting. Includes hundreds of photos and a price guide. 272 pages. — \$19.95*



**Antique Radio Restoration Guide, 2nd Ed.** by Johnson. *Beginner's introduction to troubleshooting and repairing AC table model radios. 145 pages. — \$14.95*

**Price Guide**



**The Zenith Trans-Oceanic: The Royalty of Radios** by Bryant and Cones. *Presents the fascinating story of the development and use of the Trans-Oceanic. Several photos, documents, ads, etc. 160 pages. — \$24.95*

**Communications Receivers, 4th Ed.** by Ray Moore. *Information on vacuum tube receivers by 66 manufacturers. 448 radios illustrated, 136 pages. — \$19.95*



**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



(Full-00)

**FOR SALE:** Philco 37-630 chassis, speaker, tubes, escutcheon - \$22. **WANTED:** Chassis for Emerson 25. Brian Kurrle, 325 Nodleigh Ter., Jarrettsville, MD 21084. (410) 692-0450

**FOR SALE:** Emerson 414, repwood, Wheat - \$275. Zenith 8S463, mint - \$500. A-K 82, some regluing - \$350. Chris Hicks, 57 Jameson Hill Rd., Clinton Corners, NY 12514. (914) 266-4257

**FOR SALE:** Zenith C845 - \$65; C724 - \$60. Norelco 7-band portable - Offer. Plus shipping. Bernard Bank, 303 Devoe Ave., Yonkers, NY 10705-2709. (914) 476-5933. E-mail: berbank@webtv.net

### Classified Ad Deadline Noon

July 10 for Aug. 2000 Issue

Aug. 10 for Sept. 2000 Issue

Boxed, Photo, & Display Ads - 1st

**FOR SALE:** N.O.S. tubes in original boxes. Detailed list includes type, brand, country of origin, quantity, and price information for over 700 different tube types. Send three first class stamps. Kevin Buranen, PO Box 23, Brooke, VA 22430

**FOR SALE:** Reducing my collection; these artifacts need a new home... yours! Braun S62 AM-FM-SW phono console, pick up only. Hallicrafters S40A & B; Pentron r-to-r recorder, untested. Bell r-to-r recorder, untested. More items next month. Please call or e-mail for details. Mark McDonald, 900 N. Campbell, Beloit, KS 67420. (785) 738-2211. E-mail: mrf@sncn.com

**FOR SALE:** Midwest 16-tube receiver, Model 16-35, no cabinet - Offer. Crosley Ace 3-B - \$185. Ernie Nagy, PO Box 822, Elk Rapids, MI 49629-0822. (231) 264-9412. E-mail: elnagyl599@webtv.net

**FOR SALE:** Novelty Radio: Telegraph Key, Breed, PL 500, near mint - \$120, includes shipping. George Stevens, 313 N.E. 151st, Seattle, WA 98155. (206) 364 0227, 5-8 pm, PDT. E-mail: steveqr@scn.org

**FOR SALE:** (100) 2N2222A - \$7.50. Heath code practice - \$25. Hallicrafters 5R10A - \$75. Scott SW AM - \$150. Ernest Odeneal, K5QJF, 2710 Lee St., Greenville, TX 75401. (903) 455-2113/5788. E-mail: odeneal@pulse.net

**FOR SALE:** Leeds Northrup millivolt pot #8686 with manual for - BO. Eplab #125 voltage reference no man - BO. Harry Pewowaruk, 1535 N. 8th Ave., St. Cloud, MN 56303. (320) 252-9910. E-mail: hpewowaruk@aol.com

**FOR SALE:** Principles of Radio, Henney 1942 - \$15. Radio Physics Course, Ghirardi, 1933 - \$20. John R. Tebeau, 2572 Oak Villa Rd. NE, Thomson, GA 30824. (706) 595-8211. E-mail: tebeauj@aol.com

**FOR SALE:** Hallicrafters HT-37 transmitter (SSB, AM, CW, 10 through 80 meters). Henry Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. (732) 244-2345. E-mail: trabold@exit109.com

**FOR SALE:** Parts, tubes, books, etc. Send two stamp SASE or e-mail for list. Wayne LeTourneau, PO Box 62, Wannaska, MN 56761. E-mail: wb0cte@arrl.net

**FOR SALE:** Tubes: 6AW8A, 6BA8A, 6U8A, 6BK7A, 5814A - \$1 each. Other types available. James Wright, 4307 Hwy. 166N, Maynard, AR 72444. (870) 647-2913

**FOR SALE:** Johnson 10 tube cb with original mic - \$85 plus UPS. Greg Nagy, PO Box 822, Elk Rapids, MI 49629. (231) 264-9412

**FOR SALE:** RCA 120 Cathedral - \$190. National Airphone 1 tube - \$350. RCA UZ1325 speaker - \$170. Leonard Aquino, 2 Somerset Ln., Putnam Valley, NY 10579. (914) 528-6857

**FOR SALE:** Trans-Oceanic 1000, works, good condition, orig. logbook, needs dial cord restrung - \$145. Zenith tombstone, 5-S29, needs some work - \$180. Royal 7000-1, complete, no log - \$270. RMS local-distant switch, Mod LDS - \$25. Oval wooden radio, marked O-Kay, who makes it? Maybe mid 30s by Cadet? - Best Offer. RCA BP-10, rectangular metal radio - \$50. Heathkit HM15, reflected power meter - \$30. Heathkit condenser checker, Mod C-2, no probes, good eye - \$25. Panasonic 8-track woodgrain car player - \$35. Knight 100-A, works - \$95. Zenith 6G801, plays - \$45. Zenith H500, complete with manual and good red ladder line and suction cups, looks nice, complete with logbook, not tested - \$140. Zenith T-O 3000, not tested - \$85. Silvertone 6-transistor, Mod 1207 coral w/CD marks and leather case - \$65. Knight Rider car radio, 1982, plays - Offer? Emerson FL-715 Bakelite - \$55. Old homebrew radio, size of car battery, as is, has all knobs - \$45. Windsor Ind. Dollar bill radio, circa 1973, works good - \$65. Windsor Rolls Royce car radio, needs three wheel covers - \$40. Nice Truetone, Mod 2611, cream, plays - \$125. World Star multi-band receiver, looks nice and works - \$55. Frost Jones headset, Mod 175, 1500 ohm - \$20. Frost Jones, Mod 174 - \$20. Brandes Superior headset - \$20. Also, Brandes headset, no cord - \$15. Shure microphone, SM96, 2000 ohm condenser - \$60. Official Gemsback Manual, circa 1931 - \$30. Practical Radio Construction and Repairing, 353 pp. - \$23. Elements of Electronics, Hickey, 549 pp. - \$18. Radio Engineering Handbook, 945 pp. - \$22. Radio Operating Questions and Answers, circa 1929, 267 pp., HB - \$25. ARRL Radio Amateur's Handbook, rare, circa 1936 - \$40. Hallicrafters speaker, Mod R46B - \$65. Arvin FM only, Mod 30R12 - \$20. Astatic mike, Mod 335H-7 - \$20. Parting out NC300 w/ knobs. Robyn yellow face 40 channel, 9 tube CB, needs minor work - \$65. GE Mod 100, circa 1946 - \$50. RCA 96T5, works - \$70. Trans-Oceanic 3000, parts. National NC57, parts. S41-G and Ecophone, parts and knobs. Hallicrafters S-40, S-77, and SX-100 parts. Jackson, Model 640, Test Oscillator - \$30. Sam's Auto Radio Photofacts Series magazines, various years - \$4 each or; two for - \$7. Have dial belts and station call letters, plastic and paper. Essentials of Radio, 1948, 806 pp. - \$25. All of the above + S&H. Also, see ad in May, page 44, and June, page 54 for reduced prices. **WANTED:** A guitar amp. Ron Crowe, PO Box 117, Handley, WV 25102. (304) 442-8179. E-mail: rcrowe@wvutec.edu

**FOR SALE:** 2 drive-in movie speakers - \$15 each, both \$25. Jim Gauldin, 134 Hawthorne Dr., Danville, VA 24541. (804) 791-2286

**FOR SALE:** Portable record players plays all records, new needle - \$60 ppd. Ray L. Meyeux, 520 Gladstone Blvd., Shreveport, LA 71104. (318) 868-1202

**FOR SALE:** Simpson 260, VO meter - \$35. EICO 332, VTVM - \$20. 1943 Radio Amateur's Handbook, 20th edition - \$20. All + UPS. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244. E-mail: slbon@erols.com

# RADIO CRAZE

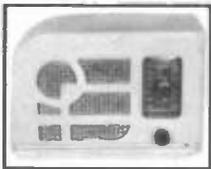
John Sakas P.O. Box 4124 So. Hackensack NJ 07606-4124  
 Phone (201)794-0437 ~ Fax 24 Hours (201)794-8359  
 visit our web site at <http://www.radiocraze.com>

## WANTED



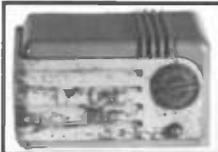
### AIR KING SKYSCRAPERS

PAYING \$14,500.00+ for near mint condition red or blue  
 \$10,000.00+ for green, lavender or yellow  
 \$3000.00+ for black and \$2000.00+ for white or brown  
**ALSO WANTED ANY COLOR-ANY CONDITION**  
 COLLECTOR PAYING TOO MUCH, CALL ME LAST



### TOM THUMB CATALIN RADIOS WANTED

paying \$6,750.00+ for mint cond. red, green, orchid, blue  
 \$2500.00+ for any mint condition one  
**ALSO WANTED ANY COLOR-ANY CONDITION**



### DETROLA PEE WEE & SUPER PEE WEE WANTED

paying \$600.00+ for mint cond. black, white  
 \$1,450.00+ for beetle, gray, salt & pepper  
 \$2000.00+ for red, blue \$3500.00+ for green or lavender  
**ALSO WANTED ANY COLOR-ANY CONDITION**

### WANTED ANY CATALIN RADIO

ADDISON 2 MAROON & YELLOW \$900.00, YELLOW & RED \$3,750.00  
 ARVIN 532 ANY COLOR \$2,500.00, BENDIX 526 GREEN & BLACK \$625.00,  
 DeWALD A501, A502 BROWN \$375.00, YELLOW \$425.00, RED \$1,200.00  
 EMERSON AU 190 & BT 245 YELLOW \$1,300.00, GREEN \$2,500.00,  
 DARK RED \$2,700.00, BLUE \$6,850.00, BRIGHT RED \$11,000.00  
**ESPEY MIDGET, YOU NAME THE PRICE I WILL PAY IT!**  
 EMERSON BM258 YELLOW \$750, GREEN \$1,350, RED \$2,150, BLUE \$4,000  
 EMERSON S64 BLACK \$500.00, GREEN \$1,150.00, RED \$1,650.00  
 FADA L56, F55, 52, 5F50, 5F60, 136, 53X, YELLOW \$1,500.00, LT GREEN \$1,750.00  
 MAROON & YELLOW \$2,200.00, YELLOW & RED \$3,100.00  
**EMERALD GREEN & YELLOW \$7,000.00, BLUE & YELLOW \$7,000.00**  
 FADA 115, 116 & 1000 ALL YELLOW \$700.00, MAROON & YELLOW \$950.00,  
 YELLOW & RED \$1,150.00, PEA GREEN \$1,300.00, BLUE & YELLOW \$2,550.00  
 GAROD 6AU1 MAROON \$675.00, YELLOW & RED 1,350.00,  
 RED & YELLOW \$1,450.00  
**MOTOROLA 50XC ALL YELLOW \$1,750, BROWN & TORT \$2,750.00,**  
 RED & YELLOW \$6,000.00, GREEN & YELLOW \$6,250.00 **MOTOROLA 52 YELLOW &**  
**TORT \$1,500.00, MAROON & YELLOW \$1,850.00, GREEN & YELLOW \$2,900.00,**  
**SONORA KM ANY COLOR \$1,600.00, SENTINEL 284 WAVEY GRILL YELLOW**  
**\$700.00, SAND 950.00,**  
**RED 1,450.00, BLUE 6,500.00**  
**SPARTON CLOISONNE ANY COLOR \$3,500.00 TO \$5,500.00, EMERSON 520 \$50.00**

always buying any catalin or pre-war colored bakelite radios  
 We will buy one piece or the entire collection.

"watch out there's a new guy in town"

## WANTED

ADDISON 2 MAROON & YELLOW \$900.00, YELLOW & RED \$3,750.00  
 ARVIN 532 ANY COLOR \$2,500.00,  
 BENDIX 526 GREEN & BLACK \$625.00,  
 DeWALD A501, A502 BROWN \$375.00,  
 YELLOW \$425.00, RED \$1,200.00  
 EMERSON AU 190 & BT 245 YELLOW  
 \$1,300.00, GREEN \$2,500.00,  
 DARK RED \$2,700.00, BLUE \$6,850.00,  
 BRIGHT RED \$11,000.00.  
**ESPEY MIDGET, YOU NAME THE PRICE I WILL PAY IT!**  
 EMERSON BM258 YELLOW \$750, GREEN \$1,350, RED \$2,150, BLUE \$4,000  
 EMERSON S64 BLACK \$500.00, GREEN \$1,150.00, RED \$1,650.00  
 FADA L56, F55, 52, 5F50, 5F60, 136, 53X, YELLOW \$1,500.00, LT GREEN \$1,750.00  
 MAROON & YELLOW \$2,200.00, YELLOW & RED \$3,100.00,  
**EMERALD GREEN & YELLOW \$7,000.00, BLUE & YELLOW \$7,000.00.**  
 FADA 115, 116 & 1000 ALL YELLOW \$700.00, MAROON & YELLOW \$950.00,  
 YELLOW & RED \$1,150.00, PEA GREEN \$1,300.00, BLUE & YELLOW \$2,550.00.  
 GAROD 6AU1 MAROON \$675.00,  
 YELLOW & RED 1,350.00,  
 RED & YELLOW \$1,450.00  
**HALSON ANY COLOR \$1,500.00 TO \$5,000.00**  
**MOTOROLA 50XC ALL YELLOW \$1,750, BROWN & TORT \$2,750.00,**  
 RED & YELLOW \$6,000.00,  
 GREEN & YELLOW \$6,250.00.  
**MOTOROLA 52 YELLOW & TORT \$1,500.00, MAROON & YELLOW \$1,850.00,**  
 GREEN & YELLOW \$2,900.00,  
**SONORA KM ANY COLOR \$1,600.00, SENTINEL 284 WAVEY GRILL YELLOW**  
**\$700.00, SAND 950.00,**  
**RED 1,450.00, BLUE 6,500.00**  
**SPARTON CLOISONNE ANY COLOR \$3,500.00 TO \$5,500.00,**  
 EMERSON 520 \$50.00

**FOR SALE:** Atwater Kent 46 black/green - \$90; 40 - \$80; 60 black/brown - \$100. AK E-2 cone speaker F-2 cone, F-4A cone - \$65 ea. Brunswick 5-WO - \$125. Emerson Pagoda AM-187 - \$200. Freed-Eisemann NR-5 - \$120; NR-6 - \$125; FE-15 - \$120. Freshman 6-F-5 - \$120. AK-32 E+ - \$125. Federal H-10-60 - \$100. GE 5-22X Junior w/lock - \$230. Grebe MU-1 synchrophase w/chain - \$230; MU-1, no chain - \$195. Grebe M4-1 synchrophase - \$90. Harkness neurodyne receiver - \$110. Kolster K-20 - \$100; K-21 - \$100. Dictogrand R-3 hom speaker - \$160. Music Master hom speaker, cosmetically excellent, no sound, all there - \$300. Music Master, no driver, horn split - \$125. Philco 70 cathedral - \$395. RCA Radiola 24 w/antenna, no cover - \$320. Radiola 25 w/loop antenna - \$285. Radiola 60 - \$130. Radiola AR-812 - \$130. Stewart-Warner 345 - \$130. Stromberg-Carlson 601 - \$130; 641 - \$130. Westinghouse hom speaker 10-D - \$150. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200

**FOR SALE:** AK 84 console; Emerson 540; Crosleys: 1127, BC30 R/RP. Philcos: 37-630, Princess Predicta. Stewart-Warner R127A. Zenith 10S491. Possible Lansing, Elgin, Rochester delivery. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (734) 421-2076, 10-12 am or pm, weekends

**FOR SALE:** Zenith wall sign, black and chrome 3D plastic, 36" wide, 11" high, 2" thick - \$65. Philco misc. service manuals 1960 & 1961 - \$20. Garrard RC-88 Mk-II record player w/base - \$65. Pilot FM tuner, Model FM-607 - \$60. H.H. Scott mono tube amplifier Model 99A - \$95. Columbia (probably record club) 33 rpm record player - \$35. Sencore Fil-check tube checker - \$15. Sams Photofact folders, call for model lookup and available numbers - \$3 ea. About (125) Sams AR (auto radio) manuals - \$6 ea. Dynaco stereo 70 power amp - \$325. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

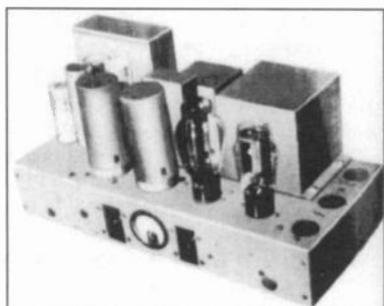
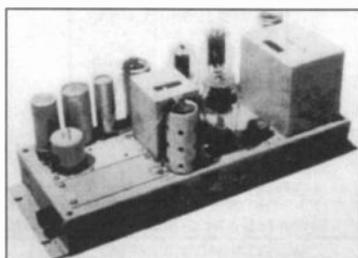
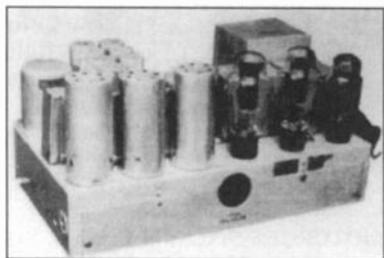
**FOR SALE:** Many E.H. Scott chassis for sale - Call for info. No lists. (15) E.H. Scott consoles for sale. Owner's and service manuals for most Scott radios - Call. **WANTED:** Cabinet for 25 tube Zenith Stratosphere, or complete rough set, will pick up. Alan Jespersen, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489 Tues.-Fri. 8 am-5 pm, Sat. 10-3. Fax: (612) 821-4821. E-mail: mte612@aol.com

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

**FOR SALE:** Transformers. Our Hammond transformer business is growing rapidly. Check out our prices and availability before buying anywhere else. Also dial belt kits, dial lamps, GC Electronics supplies, refinishing products, etc., etc. Contact us for free brochure. Radio Daze, LLC, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (800) 456-6494. E-mail: info@radiodaze.com. Web: [www.radiodaze.com](http://www.radiodaze.com)

**FOR SALE:** Rider Manuals 1 thru 22. Elbert Marshall, 223 Big Reed Dr., Hillsville, VA 24343. (540) 398-2283. E-mail: radioman@tcia.net

**FOR SALE:** Radiola IIIA, uses (4) #199 tubes, has (2) tubes. Philco 80 cathedral, needs cabinet repair, some rust - \$750. Philco sign 1930s 48" w x 12" h x 10" d, flashes in red, blue & green, beautiful, exc cond. Crescentyne 5-dial w/meter 1927? - \$50. Zenith T-stone 12 V beautiful cabinet, round dial w/knobs, all orig. Amberola speaker 1920s w/vol. cont. DeForest Crosley 50 w/tube, beautiful decal in lid, has book condenser, looks like Crosley Pup. Roll of 16 mm B&W film 500' plus. Philco table phono w/3 spd changer, mahogany table model compact, like new w/adaptor - \$60. Bill Kalcik, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, CST 9 pm-midnight



Always wanted Western Electric theatre amps, speakers, horns, drivers and tubes. Also seeking vintage tube equipment by Marantz, McIntosh and Tannoy. Thank you.

**Chong Ong**  
**10223 Valentino Dr. #7304**  
**Oakton, VA 22124**  
**Tel. (703) 255-3218**  
**Fax (703) 255-3718**  
**E-mail: ongkt88@erols.com**

**WANTED:** RCA radio-phonos, 6XY5 Slide-O-Matic, 9W102 coffee table. Lee Wells, 19 Summit Rd., Vernon, CT 06066. E-mail: dtv.usa@snet.net

**WANTED:** Picture (copy) of a Magnavox TRF Mod A, No. 1392, battery set, need power supply too. Harry Mac Mullan, 469A Garnet Mine Rd., Boothwyn, PA 19061

**WANTED:** ARB, BC-186, BC-348, R-390, receivers, modules, partial units. Fred Stillwell, PO Box 153, Grifton, OH 44044. (440) 926-2131. E-mail: roswell@apk.net

**WANTED: E.H. Scott! E.H. Scott! E.H. Scott!** Interested in Scott battery and A.C. sets, military, accessories, advertising, and literature. Check with us before selling your items, we are very serious Scott collectors. Radio Daze, LLC, 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (800) 456-6494. Web: [www.ehscott.com](http://www.ehscott.com)

**WANTED:** Buying Western Electric tubes, tubes 205D/ E N.O.S. tennis ball shape \$500; used \$300; 247A/B, N.O.S. engraved base \$265; used \$190. Tubes subject to inspection and testing. Call, write, fax or e-mail to: George Stagakis, 1714A 41st St., North Bergen, NJ 07047. (201) 867-9136. Fax: (201) 867-4044. E-mail: georgestv@aol.com

**WANTED:** Emerson Patriot red handle, all Catalin parts, paying top prices for any knob, grille, handle, chassis or damaged cabinet. Radio Ray Carroll, 158 Oakwood Dr., Wayne, NJ 07470. (973) 696-1149



**WANTED:** To complete restoration of my scanning disk TV, I need a neon tube, such as Raytheon Kino Lamp. Steve McVoy, 4350 Dublin Rd., Columbus, OH 43221. (614) 893-8102. E-mail: smcvoyc@columbus.rr.com

**ELECTRON TUBES:** Over 1 Million Tubes in Stock. Buy & Sell. Daily Electronics, 10914 NE 39th St. #B-6, Vancouver, WA 98682. 800-346-6667. 360-896-8856. 360-896-5476, fax

**WANTED:** Broadcast-type MICROPHONES. Early carbon, condenser, ribbons, etc. Cash or trade. James Steele, P.O. Box 620, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphone collectors Internet site: <http://www.k-bay106.com/mics.htm>.

**PHONO NEEDLES & CARTRIDGES** (magnetic/ceramic). Over 500 cartridges and 5,000 needles. J. J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741

**WANTED:** Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irana, Valencia, CA 91355. 1-661-259-2011

**BOXED CLASSIFIED ADS WORK!** This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 1st of the month.

**WANTED:** Headset that fits on for RCA Radiola 17, 1929. Dan Trombley, 54 Cherry St., Rutland, VT 05701

**WANTED:** Good meter for Eico 214 VTM. Dennis Schmidt, 70 S. Weeden Rd., Wakefield, RI 02879. (401) 782-8711. Fax: (401) 792-9930, prefer fax

**WANTED:** Advent 402 speakers single or pair. Paul Rosen, 30 Cherrystone Dr., Willowdale, Ontario, Canada M2H 1S1. (416) 493-6962. E-mail: prosen@idirect.com

**WANTED:** Zenith 25 tube Stratosphere or cabinet, any condition. Will trade from vast supply of fine radios or buy. Will pick up. Alan Jespersen, PO Box 17338 Minneapolis, MN 55417. (612) 727-2489. E-mail: mte612@aol.com

**WANTED:** For Zenith chassis 5905: wiring diagram, 3 knobs (not tuning ones), GT5-G tube. Dick Friedman, 1502 Elmwood, Wilmette, IL 60091. (847) 803-3050

**WANTED:** Radios: Majestic: Model 54A & Mayfair. Grunow: Models 592, 594 & 1101W remote speakers. Rogers (Canadian) 1932-1936 radios. Magazines: Radio Weekly magazine, Radio & Electrical Appliance Journal, Talking Machine, Radio Today, Radio Retailing (1925-1930). Other paper: Majestic, Grunow & Rogers Majestic advertising/promotional items. Can pick up in Lansing, Elgin or Rochester. Chip Taylor, 2223 53rd St., Sarasota, FL 34234. (941) 713-6000, 6 am-6 pm Eastern. Fax: (941) 359-6778. E-mail: chip100@gte.net

**WANTED:** 6 1/2" speaker for GE F-63 (Bunis 3, p. 103). Paul Cowlishaw, 1424 25th St., Ogden, UT 84401. (801) 393-8703

**WANTED:** 8" Dynamic spkr to match Philco Mod 37-60. 6F6 output tube. Lee Baumlín, 129 Azalea Dr., Harwich, MA 02645. (508) 430-0197

**WANTED:** Magazines: Radio-Craft. 1930 thru 1936. How many? Condition? How much the lot? Bob Ryan, 1000 So. Gilbert St., Apt. 67, Hemet, CA 92543-7315

**FOR SALE: NICHICON CAPACITORS. Electrolytics:**

Axial: 10. uF. 450. volt - 73¢; 22. uF. 450. volt - \$1.08; 33. uF. 450. volt - \$1.82; 33. uF. 160. volt - 62¢; 47. uF. 160. - 73¢. Metal poly: Radial: .22uF. 630. volt - 46¢; .33uF. 630. volt - 60¢; .47uF. 630. volt - 75¢. To order: use check, money order, Visa, or MasterCard. \$4 shipping up to \$50, no handling charge. Frontier Capacitor, PO Box 218, Lehr, ND 58460. (877) 372-2341, toll free. Fax: (701) 378-2551. E-mail: frntcap@bektel.com

**Victrola Repair Service:** Windup phonograph repairs, parts, springs, needles via U.P.S. Rod Lauman, 19 Cliff St., St. Johnsbury, VT 05819. (800) 239-4188, eves.

**WANTED: Vintage Electronic Music Synthesizers** and modules by the following manufacturers, especially the listed models. Aires Modular, System III. ARP 2500. Buchia Modular, 100, 400. E-mu Modular. EML Electrocomp 100, 101, 200. EMS Synthi A, Synthi AKS, VCS3. Korg Modular PS-3100, PS-3200, PS-3300. Moog Theramin, Modular, Series 15, 35, 55. Oberheim SEM modules, 2-, 4- & 8-Voice Systems. Paia Modular 2700, 4700. Roland Modular Systems 100, 700. Serge Modulars, System 79. Synton Modular System. Call and surprise me; make my day! John V. Terrey, 498 Cross St., Carlisle, MA 01741. (978) 369-9770. Fax: (978) 371-7129

**FOR SALE:** Motorolas: 71A, needs refinishing - \$40; 57CS1A - \$15; 56CS1A - \$15. Shipping extra. Victor Marett, 3201 N.W. 18 St., Miami, FL 33125. (305) 634-9569. E-mail: adlpvm@msn.com

**FOR SALE:** Radiotron Designer's Handbook RCA, 1,482 pages - \$20. Radio Engineering Terman, 969 pages - \$10. Joe Duffin, 4 W. Central Ave., Moorestown, NJ 08057. (856) 778-1436

**E-MAIL ADDRESS FOR  
ANTIQUERADIO CLASSIFIED**

**ARC@antiqueradio.com**

**Ads - Subscriptions - Book Orders**

**See inside front cover for details**

**FOR SALE:** Two hi-speed transmitting keys, McElroy "World Championship" model - \$125. Brown Bro #BTL - \$85. Standard, Signal Electric Co. brass key - \$25. Plus UPS. C. Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

**FOR SALE:** N.I.B. Bud no. CK-356, lo-coil kit, range 11-210 meters - \$150 ppd. Also N.I.B. LGB passenger train set w/trans Model 20301 - \$400 + \$35 shipping. John Nosbaum, W9BJP, 2743 Wilmette Ave., Wilmette, IL 60091. (847) 256-0547

**FOR SALE:** 2HP Kinney high vacuum backing pump used in the manufacture of electron tubes at General Electric Owensboro - \$400. \$4,000+ new. Ed Davis, Box 203, West Baden, IN 47469. (812) 936-9611

**FOR SALE:** New Amperex 6CD7/EM34 - \$35 ea. SASE gets a free list of all tubes. Jeff Amdt, 1215 Division St., Manitowic, WI 54220-5734. (920) 684-8830

**FOR SALE:** Montgomery Ward movie dial radio floor model, good condition has schematic - \$350 OBO. Paul Recupero, 265 Union St., Portsmouth, RI 02871-2209. (401) 847-8589

## THE TUBE SHOP

"Your one stop for new old-stock tubes"



**Box 231160**

**Boston, MA 02123-1160**

**Phone: 617-369-0980**

**Fax: 617-262-0148**

**Fax: 617-353-1466**

**E-mail: tubeshop@quik.com**

**On the Web at:**

**www.thetubeshop.com**

**FOR SALE:** Crosley Deco tombstone Model 181, 1934, in very nice working condition with original knobs, dial bezels, one minor veneer replacement on lower side, (page 69 of Stein's #3 lists it at \$425), some surface rust on chassis - \$325 plus shipping. Stan Ward, 56 Third Ave., Berea, OH 44017. (440) 243-7197

**FOR SALE:** Harmon Kardon TA-7000X stereo receiver (7591'a), nice - \$175. (1) University C-15W 15" castframe alnico woofer N.I.B. - \$75. (1) University 4408 hom mid/tweeter N.I.B. - \$45. Vintage test gear in wood cases: Weston 785 industrial multimeter - \$35; Rubicon/Honeywell Wheatstone bridge - \$60; Leeds & Northrup Type S test set #5300 - \$35. (17) 1940s NRI study guides & (2) National Radio news - \$25 all. Bristol Audiophone Model C horn speaker in case, not working - \$40. Baldwin Electrical Reproducer horn driver - \$15. Astatic 200-S bullet mic with base - \$45. All plus shipping. CJ Poulos, 29 Doubleday Rd., Columbia, CT 06237. (860) 228-7680 to 9 pm EST. Fax: 228-7681 anytime. E-mail: TbStkBgje@aol.com

**FOR SALE:** Nice Zenith 10-inch dynamic speaker, RCA RAE-59 phonograph & parts, Radiola 60, Philco 40-158 chassis, bezel, nice American Bossch console w/flip-open front, nice AK "L" chassis, Philco 84 (needs repair), NRI signal generator, much more, send wants. **WANTED:** Philco 118 cathedral cabinet, 650 tombstone cabinet, Grunow 7B chassis. See my eBay auctions: "radiowilbur." Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: wlbrg@aol.com

**FOR SALE:** Nordon Hauck DX-5, supposedly the only existing short wave receiver, including a complete set of coils, along with a noteworthy feature. The set is exemplified by having a circuit which uses a specially designed detector tube, having an extra grid. This unique tube was only manufactured by CeCo Tube Company having a designation on the box "AC Pentode" which was to add sensitivity. The DX-5 has been given several awards, as to its previous owners, John Caperton and the late Dr. Ralph Muchow. The DX-5 will be on display at the Elgin meet in Illinois in August. Les Rayner, 5512 North 71st Pl., Scottsdale, AZ 85253. (480) 947-1375

**FOR SALE:** Harvey Wells Bandmaster Deluxe TBS50D, excellent condition, manual, (3) extra 807s, intended to put it on the air, but there's only so much time! - \$200. David B. Farris, K5NT, 2309 Falcon Hill Dr., Austin, TX 78745. (512) 445-7516. E-mail: dbfk5nt@aol.com

**FOR SALE:** RCA 5X - \$115. See more at [www.catalinradio.homepage.com](http://www.catalinradio.homepage.com). J. Finkelstein, 63 Cedar Hill Ln., Media, PA 19063. No calls please. E-mail: evanor@home.com

### FOAM SURROUND REPLACEMENT KIT

Kit c/o two foam surrounds, shims, speaker cement and instructions.

8" kit = \$17.95      12" kit = \$21.95

10" kit = \$19.95      15" kit = \$24.95

plus \$4 S/H. N.J. add 6% sales tax

**Sound Remedy**

Loudspeaker Repair Service

331 Virginia Ave.  
Collingswood, NJ 08108  
(856) 869-0238  
Fax (856) 869-6880

**WANTED:** Info relating to high voltage techniques as used in early x-ray 75KV up. Jim Krajovic, N3DKS, 546 N. Sheridan Ave., Pittsburgh, PA 15206. (412) 665-0916

**WANTED:** 8mm/VHS combo VCR in exc conditon. Nick Ferrandino, 56 Barker Dr., Stonybrook, NY 11790. (718) 849-7300, M-F 9-5

**WANTED:** Working synchronous vibrator for 1938 Cadillac 6-vok radio. James Astroth, 455 Gerdes, Breese, IL 62230. (618) 526-8492. E-mail: greg1@papadocs.com

**WANTED:** Vibrator catalogs, 1956 and up. 1930s car radio battery, antenna bayonet connectors. Schematic Heathkit PS4 power supply. Dial glass, pointer Zenith 6S256. Zenith service manuals 1, 3, 4. Sams DC: 7, 8; AR 2, 11, 15, 16; RC 12 plus. Electrostatic picture tube tester. Noel S. Ilg, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-8864

**WANTED:** Philco 16 escutcheon, ant., RF, osc coils for Philco 14 or 91, code 126. Dennis Lariviere, PO Box 1446, Lake Worth, FL 33466. (561) 585-2979

**WANTED:** Radiola 20 three large escutcheons. State condition and price. Joe Schlosser, 5300 Knollwood Dr., Raleigh, NC 27609-4514. (919) 571-8883. E-mail: jpschlosser@compuserve.com

**WANTED:** Antenna for Priess radio. It says Priess in the center. Good price paid. Jim Berg, 4261 Wilcox Rd., Box A, Northport, WA 99157. Web: <http://homepage.plix.com/radioactivity/index.htm>

**WANTED:** TV horizontal oscillator coils such as Miller 6183 or equivalent. Robert Perlstein, W11V, PO Box 642, Old Orchard Beach, ME 04064. (207) 934-9206. E-mail: perls@ime.net

**WANTED:** Paying your price for a Catalin Fada 700, any color, in mint condition. Peter Fee, 26 Smull Ave., Caldwell, NJ 07006. (973) 403-8913

## the Radio Attic

*Buy & Sell Your Old Radios Here!*



Advertise your radios on the Internet with full-color photographs. Your ad runs until your radio sells for one payment. We can scan your photos & crop to best show off your radio. We have other pages of interest for collectors, including featured articles, radio club events, and a "Who Knows This Radio?" page. Check us out!

the Radio Attic  
P.O. Box 90  
Moody, AL 35004  
<http://www.radioattic.com>  
e-mail: [ads@radioattic.com](mailto:ads@radioattic.com)

**WANTED:** Triad A9, 10, 11, 12J. Stancor PSO/PCO/150. Conax. FOR SALE: Older electronics books, send SASE. Richard Robinson, PO Box 1425, Wallingford, CT 06492. (203) 949-0871. E-mail: richmix@erols.com

**WANTED:** Browning-Drake DX coil & variable capacitor assemblies. Must be marked "DX." Visit: <http://people.ne.mediaone.net/oldradiodays/wanted/Browdrke.htm>. Write: Charles A. Days, PO Box 80205, S. Dartmouth, MA 02748-0205. (508) 984-5599. E-mail: [oldradiodays@mediaone.net](mailto:oldradiodays@mediaone.net)



**WANTED:** Air King Skyscraper radios, except for that unbearably ugly model with the third (tuning) eye at the top that bears better resemblance to a flounder than to the face of a building. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**WANTED:** Philco 89C '40, Admiral B, 29-G5, portables. Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi, Nagano-shi, Osaka, Japan 586-0027. Ph/fax: 011-81-721-52-4695, mid/eve., local. E-mail: [yamada1r@d9.dion.ne.jp](mailto:yamada1r@d9.dion.ne.jp) (it's new!)

**WANTED:** Atwater Kent breadboard Models 3975, 3925, Radiodyne; AK green enclosed condenser unit w/tag. Steve Wallace, 3707 Pricetown Rd., Fleetwood, PA 19522. (610) 944-7230. E-mail: [kkks@epix.net](mailto:kkks@epix.net)

**Got Grille Cloth?**

**ZENITH Emerson Philco**

**World's largest selection!**

- ★ 12 Philco patterns
- ★ 8 Zenith patterns
- ★ Majestic (Grigsby-Grunow)
- ★ German (Grundig, Telefunken, Nordmende)
- ★ Stromberg, GE, Westinghouse, Emerson
- ★ Plus many other generic patterns

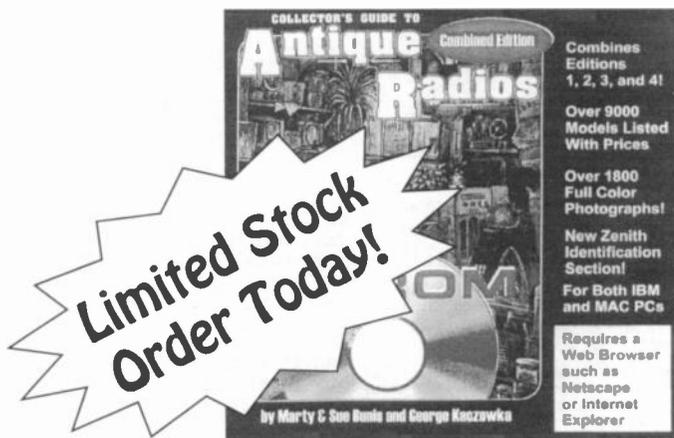
Send \$3 for cloth sample sheets to:  
John Okolowicz, N3VSR  
624 Cedar Hill Rd.  
Ambler, PA 19002



or  
see them on the web @  
[www.grillecloth.com](http://www.grillecloth.com)  
email: [john@grillecloth.com](mailto:john@grillecloth.com)

# ***Collector's Guide to Antique Radios Combined Edition – CD-ROM***

By Marty & Sue Bunis and George Kaczowka



**Combines Book Editions 1, 2, 3, and 4!**

**Over 9,000 Models with Pricing**

**1,800 Full Color Photographs**

**Model Number Index for All Manufacturers**

**Photo Index by Category**

Runs on both IBM and Mac

Requires a Web Browser, such as Netscape Navigator or Internet Explorer

**\$39.95**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

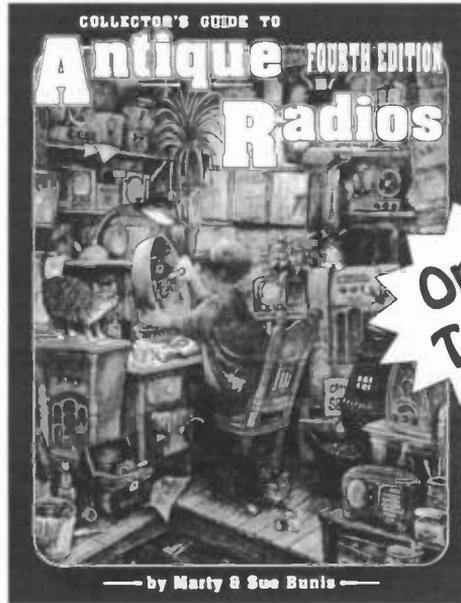
**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# *The Collector's Guide To Antique Radios - 4th Edition*

By Marty & Sue Bunis



**Order  
Today!**

**8,500+ Battery & AC sets from the '20s - '60s**  
**400+ color photographs**  
**Updated prices**  
**\$18.95 - Softcover**

There are no transistor radios listed in the fourth edition. You will find them in *The Collector's Guide to Transistor Radios* available from A.R.C. for \$16.95.

**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

**FOR SALE:** Plastic dial covers for Addison 2, Belmont 6D111, Emerson 375, 400, 520, Fada 1000, National 240D, Zenith 7G605, and over 500 different ones – \$15 ea. ppd. Doyle Roberts, HC 63 Box 236-1, Clinton, AR 72031. (501) 745-6690. E-mail: [drob@hypertech.net](mailto:drob@hypertech.net)



**FOR SALE:** Extremely rare Catalin radio, AWA-Radiolette R39c, jade green with ivory fret, for sale by auction at Christies-South Kensington, London, on the 27 July. Contact: Christopher Proudfoot, 85 Old Brompton Rd., London, England, Ph.: 020-7581-7611. Web: [www.christies.com](http://www.christies.com)

**FOR SALE:** Philco 38-10 chairside – \$150. Grunow 470 – \$125. Zenith H500 – \$140. (65) older Sams manuals – \$15. Bendix 112 – \$30. Silverstone 8010 clock radio – \$30. Westinghouse H122A – \$35. Learadio 6615 – \$35. Airline WG 1636A – \$35. RCA K80 chassis – \$35. Thomas cathedral – \$25. RCA 45J2 phono – \$20. RF amplifier for old Spartan – \$20. 690 Olds wonderbar radio – \$100. Mitchell Airboy Sr. – \$15. Electric auto ant. – \$20. Tenna Tractor radio – \$20. Kolster 1800 speaker – \$50. 3" tape recorder – \$20. Emerson book radio – \$45. RCA T64 – \$55. RCA 9Y510 phono – \$50. Zenith 7S633 – \$60. B&K 500 tube tester – \$30. Bogen amp with 12" speakers – \$60. Atwater Kent Type P chassis – \$30. Walt Wrabek, Rt. 4 Box 370, Menahga, MN 56464. (218) 564-4623

**FOR SALE:** Tube and transistor radios. See my web site: <http://pws.prsev.net/usinet.hmaurer/mywp.htm> or e-mail: [hmaurer@atglobal.net](mailto:hmaurer@atglobal.net). Hank Maurer, 101 Sunset Ter., Scotts Valley, CA 95066

**FOR SALE:** RCA Q23 – \$110. Philco 53-700 clock radio – \$35. **WANTED:** Philco 211 Spanish brown speaker. R. Allen, 399 Canterbury Tpke., Norwich, CT 06360. Web site: <http://www.99main.com/~allens>. E-mail: [allens@99main.com](mailto:allens@99main.com)

**FOR SALE/TRADE:** RCA 74 Jr., umber, baby 44, very nice condition, on desk stand – \$475. Shure 55-S Elvis mic, exc condition – \$175. Webcor Model 288, early maroon high-cabinet wire recorder, maroon hammertone inside, exc condition, w/orig. mic, works fine – Offers. Panasonic 5" black & white, AC/DC TV from early 80s, super nice – \$45. Lafayette Musical Instrument Amp, appears to be Dan Electro clone of Ampeg piggyback, uses JBL 15" speaker, 6L6s for outputs, in super exc, new/old stock condition – Offers. General Radio 1551-A sound level meter, 1953, uses subminiature tubes, Bakelite ends, real classy lab gear, near perfect condition. Westinghouse Refrigerator, almond, Model H-134, rebuilt, including speaker – \$175 OBO. Precision Model 612 tube checker, wood case, checks newer tubes, Nuvistors, Novars, etc. – \$65. **WANTED:** Magnavox R-3 Telemegaphone; Western Electric 10-D, Dictogrand; other hi-end horn speaker for my Federal 61. Also, looking for AK horn, any model, but prefer Model L; need 2nd audio transformer for Federal Model 61. Also, need 01As; have several globe 171s, 112s, for trade or cash. Always looking for WWII and cold war era Enigma machines and other spy stuff, radio transmitters, receivers, German, Bakelite, etc.; vintage microphones, particularly RCA 77-C; Telefunken U-47 power supply, Model NG; Neumann CMV-3 bottle. Always looking for tube compressors; mics; etc. Ward Kremer, 5807 Papaya Dr., Ft. Pierce, FL 34982. Ph/fax: (561) 468-7732. E-mail: [WKremer798@aol.com](mailto:WKremer798@aol.com)

## VACUUM TUBES WANTED

(920) 208-0353

(All tubes are subject to testing and inspection)

### WESTERN ELECTRIC:

VT-2 / 205A/B \$225 NOS, \$110 used  
 VT-25 \$50 NOS, \$25 used  
 VT-52 \$150 NOS, \$75 used  
 101D / 101F \$175 NOS, \$100 used (TB)  
 101D / 101F \$40 NOS (ST)  
 102D / 102F \$175 NOS, \$100 used (TB)  
 102D / 102F \$35 NOS (ST)  
 205D/E \$425 NOS, \$275 used (TB)  
 205F \$200 NOS, \$100 used  
 211A/D/E \$300 NOS, \$175 used  
 212A/D/E \$750 NOS, \$300 used  
 216A / 217A \$175 NOS, \$90 used  
 228A \$100 NOS, \$50 used  
 231D / 257A / 281A / 349A \$50 NOS  
 242A/B/C \$200 NOS, \$100 used  
 244A / 249A \$25 NOS  
 252A \$1100 NOS, \$650 used  
 261A \$150 NOS, \$75 used  
 262A Balloun / 275A \$90 NOS, \$50 used  
 262B \$40 NOS, \$15 used  
 264A/B/C \$30 NOS, \$15 used  
 274A / 274B \$210 NOS, \$110 used  
 274A / 274B \$250 NOS engraved base  
 276A \$100 NOS

300A / 300B \$850 NOS (engraved base)  
 300B \$550 NOS, \$275 used (1950-60's)  
 310A / 311A \$20 NOS, \$10 used  
 331A / 367A / 272A \$45 NOS  
 348A \$80 NOS, \$40 used  
 350B \$200 NOS, \$100 used  
 345A / 352A \$25 NOS, \$13 used  
 412A / 418A \$10 NOS  
 417A / 420A / 5755 \$10 NOS  
 421A / 422A \$35 NOS  
 347A / 437A \$75 NOS, \$38 used  
**US & EUROPEAN TUBES:**  
 2A3 RCA \$42 NOS, \$20 used  
 2A3 Single-Plate \$175 NOS, \$100 used  
 10 Balloun \$70 NOS, \$35 used  
 10 Balloun "Meshplate" \$100 NOS

112A Balloun \$25 NOS, \$13 used  
 26/226 Balloun \$10 NOS, \$4 used  
 45/245 Balloun \$60 NOS, \$30 used  
 45 Balloun "Meshplate" \$110 NOS  
 50 Balloun \$200 NOS, \$110 used  
 50 Balloun "Meshplate" \$275 NOS  
 71A Balloun \$25 NOS, \$13 used  
 80/280 Balloun \$30 NOS, \$13 used  
 211 RCA / United \$110 NOS  
 800, 808 RCA \$40 NOS, \$20 used  
 845 RCA \$200 NOS, \$85 used  
 5691 Red Base \$18 NOS, \$10 used  
 5692 Red Base \$35 NOS, \$18 used  
 6550 Tungool \$60 NOS (ST)  
 7189A US Brands \$10 NOS  
 7591A \$30 NOS, \$15 RCA used  
 6L6GC RCA Black Plate \$30 NOS  
 12AX7 Telefunken \$15 used  
 12AX7 RCA \$8 NOS  
 5AR4 Mullard \$35 NOS  
 EL34 Mullard \$60 NOS, \$30 used  
 EL37 Mullard \$60 NOS, \$30 used  
 KT66 Genalex / Mullard \$70 NOS  
 KT77 Gold Lion/GEC \$120 NOS  
 KT88 Gold Lion/GEC \$150 NOS

## TUBE WORLD, Inc.

2712 Superior Ave.  
 Sheboygan, WI 53081  
 (920) 208-0353 Phone/Fax

Call, Fax, Write or Email for our  
 detailed "Want to Buy List"  
 Email: [tekman@tubeworld.com](mailto:tekman@tubeworld.com)

**FOR SALE:** RCA 3" oscilloscope, works, display bright, compact size, with manual, probe missing, asking - \$45. Irv Sanders, 242 Hunter Ln., Harrisburg, PA 17112. (717) 469-2185

**FOR SALE:** Complete set of Riders manuals Vol. 1 thru 23 - \$400 plus shipping. Bob Nicholson, 4808 N.W. Fielding Pl. #8, Topeka, KS 66618-2526. (785) 286-4081. E-mail: Bnichxxxx@webtv.net

**FOR SALE:** Scott Model B, Phantom Deluxe, fixer upper, Elgin delivery - \$275. Barry McDaniel, 6 Pecos Ln., Little Rock, AR 72212. (800) 755-3326, days

## HAS YOUR SUBSCRIPTION

### EXPIRED?

It has if your mailing label reads  
"EXP=JUL00" or earlier.

Renew now!

*BONUS: Renew before  
your "EXP" month and receive  
13 issues per year instead of 12!*

Renewal rates are:

\$39.49 for Periodicals Mailing

\$57.95 for First-Class Mailing

(Two-year renewals are twice above rates.)

**FOR SALE:** (6) Meissner 456 kc IF transformers, (2) old IFs 2X2 shields, (2) 456 & (2) 2450 kc IF air tuned. For info: Bob Lindahl, 10680 S.W. Wedgewood St., Portland, OR 97225-5127. (503) 644-9643. E-mail: bob@webgypsy.net

**FOR SALE:** Zenith 50S, green case, brass front. g - \$45. Silvertone 7124 T-O 4-band, vg - \$85. (2) Hallicrafters: S41 Sky Rider, vg - \$75; SX104, vg - \$85. Gilbert Simpson, 18 Beechwood Dr., Ansonia, CT 06401. (203) 734-4085

**FOR SALE:** Sparton blue mirror #557, excellent - \$2,750. Fada Catalin #1000, yellow, excellent - \$1,200. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (973) 694-6374

**FOR SALE:** Hickok Mod 610-A TV-FM signal generator w/booklet - \$75. Hickok Mod 288-X crystal controlled signal generator w/book - \$135. Tenma Variac, 0-130 volts, 10 amp - \$50. Heathkit Mod TC-2 tube checker w/supplemental test data sheet - \$40. Knight Mod KG-686 R.F. generator - \$65. Eico Mod 368 TV-FM sweep generator & marker - \$50. Drake Mod TR-4 upper/lower sideband trscvr w/MS-4 spkr, pwr supply - \$160. Heathkit TV alignment gen. Mod TS-2 w/book - \$65. Philco Mod TB-3 TV-booster - \$20. Antique wooden radio knobs from 1920s to 30s, also plastic & Bakelite knobs from 30s to 60s. Several pwr trsfmrs, one 'or a Philco 87, Philco 91. Dozens good used tubes for old radios. D&K's Antique Radios, 2767 Cottage Rd., Lafayette, IL 61449. (309) 932-9097. E-mail: radios1@yahoo.com

**FOR SALE:** Rocket radios, original MG-304, MG-305, MG-306, M.I.B., working - \$125 includes shipping U.S.A. **WANTED:** Subminiature tube portables. Phil Tripoli, PO Box 1213, Redondo Beach, CA 90278. (310) 376-6232. E-mail: ptgr@earthlink.net

**FOR SALE:** One pair N.O.S. RCA 12AX7A tubes, & one used 12AX7A, all for - \$29 U.S.A. postpaid. **WANTED:** Toshiba 9TM40. Radiosale web site: <http://members.aol.com/dmrradios/tube.html>. Donald M. Maurer, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: dmrradios@aol.com

**FOR SALE:** 55¢ LSASE for list of new/used receiving/transmitting tubes. 20,000 added lately. Sell or trade for old or unusual tubes for my collection. John H. Walker, Jr., 13406 W. 128th Ter., Overland Park, KS 66213. (913) 782-6455. E-mail: johnh.walker@honeywell.com

**FOR SALE/TRADE:** RCAs: 811K motorized tuner, nice! 9K3 w/organpipes, Magical surprises! **WANTED:** Arborphones, Internationals, Kadettes. C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knevins@tc3net.com

**FOR SALE/TRADE:** Silvertone 3026 - \$35. 1934 tombstone Emerson 36 - \$100. 1940s wood Sky Chief, nice - \$45. 1930s RCA tombstone 85T2 - \$85. Stromberg-Carlson 1935 Model 61W - \$95. 1930s Motorola - \$35. 1950 RCA 9X561 - \$45. Sentinel 335P - \$35. Photofact Service for 51 & 53 TVs. both - \$5. Radio Amateur's Handbook & License Manual, both - \$10. Receiving Tube Manual app. 1940 - \$5. Thomas Guastella, 1633 W. 11th St., Brooklyn, NY 11223. (718) 256-8367

**FOR SALE:** Riders manuals one thru thirteen plus auto, index and service manual - \$200. Carleton Rand, W1PZ1, 85 Black Hall Rd., Epsom, NH 03234. (603) 736-9695

**FOR SALE:** Modern Radio Reception by Leutz, 1925, hardbound, 335 pages, excellent condition. Harry Weber, 4845 W. 107th St., Oak Lawn, IL 60453-5252

**FOR SALE:** Tube and solid-state amplifiers by DuKane, Stromberg-Carlson, Bogen, Radio-Receptor ('30). School radio/intercom, 75 classroom distribution system. Has AM-FM radio, tape, emergency tone alarm, call-back from speaker locations. Eleven foot aluminum mesh satellite dish, motor driven with receiver, automatic locating, 3 Jerrold modulators, one RF amplifier. Send SASE for complete list and description. Complete assembly and operating instructions. Edward Scribner, 181 N. Main St., PO Box 279, Schoharie, NY 12157-0279. (518) 295-8819

**FOR SALE:** 75A-3 Collins in good condition - Make Offer. Denton Lahner, 116 N. 4th St., Reading, PA 19601-3902. (610) 796-1241

**FOR SALE:** One 1L6 tube, N.O.S. in box, U.S. Army - \$15. Len Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150

**FOR SALE:** Overstocked with Eveready D-size nicad batteries - \$10/6. APC Type variable capacitors - \$1. Angelo Pallotta, W2TPW, 1367 D'Angelo Dr., N. Tonawanda, NY 14120. (716) 695-0329

**FOR SALE:** Seeburg Wall-O-Matic with key - \$200. Larry Brosky, 15514 Windover Trl., Ft. Wayne, IN 46845. (219) 637-5339

**FOR SALE:** Novelty radios N.I.B.: Pekinese Dog - \$20; Skoal can - \$15; shipping extra. Steve Whited, 3637 W. 71st St., Indianapolis, IN 46268. (317) 298-9967

**SERVICES:** Hickok factory authorized contact person offering affordable, professional service, calibration and technical assistance. **FOR SALE:** New beautiful master-crafted, all wood carrying cases, sides, front and back of solid 5/8 oak, maple or cherry with box joints, top and bottom of matching furniture grade 1/4" furniture plywood, brass plated hardware, limited production. Complete line of Hickok and military, accessories, operator's manual with schematic, obsolete, update, and foreign data, socket savers, obsolete tube adapters for Hickok 6000 A/B, knobs, sockets, and other critical part for Hickok and military test equipment. Parts and accessories for Hickok, military, and WE cardamatics, tube testers, punched cards, hand punches, calibration cells and manuals. Refurbished, calibrated and guaranteed Hickok and military test equipment. **WANTED:** Navy 118B, Hickok 1234, KS15874 cardamatics with or without cards. Hickok Models 1575, 6000A, 508A, tube testers and a 156 traceometer, etc. **MESSAGE:** Thank you for your continued support and patience. Offering service that satisfies for 55+ years. Wendell E. Hall, 3 Mockingbird Cir., Jeffersonville, IN 47130. (812) 282-9709. Fax: (419) 793-4036. E-mail: hickok@bellsouth.net

**FREE - 20 WORD AD EACH MONTH**  
To get your free 20 words,  
include your SUB# with your Ad.  
Additional words are 29¢ each.  
Read inside back cover for details.  
**MANY THANKS!!!!!**

**SERVICES:** Reproduction Philco cathedral parts and reproduction cabinets for 20, 21, 70, 90. Grandfather clock finials: Philco 570, GE H-91, Crosley 124. Philco colonial clock top trim and finials. Other parts, inquire. Gang tube shields: Philco 21, 21, 70, 90. **FOR SALE:** Rider's radio and TV manuals. Radio index, copy, 1 through 23 - \$25. Xerox copies of service manuals: Zenith, 942 pp. - \$65. Philco, 300 pp. - \$30. Crosley, 322 pp. - \$30. Atwater Kent, 463 pp. - \$35. Books, SASE for lists. All plus shipping. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516. E-mail: dick.oliver@mcworld.com

**SERVICES:** Phono/tape idlers rebuilt like new. Send to: Ed Crockett, Vintage Electronics, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755

**SERVICES:** Clear plastic dial covers - \$15 ea.; or mounted in your bezel - \$22.50 pvd. Send make and model. Doyle Roberts, HC 63 Box 236-1, Clinton, AR 72031. (501) 745-6690. E-mail: drob@hypertech.net

**SERVICES:** Rider/Sams schematics, 1920-1970 - \$3 pvd. Send make/model to: Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94550. (925) 447-9365. E-mail: lerche@home.com

**SERVICES:** Antique radio repair. All tube-type radios. Tony LeDoux, 206 Arapahoe, Schoenchen, KS 67667. (785) 625-8669. Toll-free: (877) 319-0544

**SERVICES:** Free schematics by e-mail, radios, books, manuals, & miscellaneous stuff, links, and more: www.joes.com/home/Radiorelic (capital R). Zach Taylor, 1413 Broadway, Lincoln, IL 62656

**SERVICES:** Radio schematics & service data. U.S., Canadian, Australian receivers - \$2.50 plus #10 SASE. Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. E-mail: srosenfeld@ems.att.com

**MESSAGE:** Attn Lansing attendees: Buy by July 3 and I will deliver free at show. Vintage PA amps, vintage loudspeakers, will fax list. (500) used good boxed tubes - \$300. Tube caddies - \$25 to \$40. CRTs 3ADP1/5ABP7, 5UP7/5VAHP4/5AXP4A/16KP4 all N.O.S. lot - \$100. Sams/AR/CB/TSM - 25 books and up - \$4 ea. Fax wants. Riders 1-18, 18 books - \$500. Also 6-16 - \$300. Nash/Motorola auto radio 40's N.I.B. Model AC152 - \$200. RCA Selectavision video disc player Model SFT-100 N.I.B. - \$200. Ed Crockett, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax: (601) 264-0226

**MESSAGE:** LSASE for lists pre-war ham sets, or old SW/BC radios & speakers. Robert Enemark, W1EC, PO Box 1607, Duxbury, MA 02331. (781) 934-5043

**HELP:** Need to know speaker field coil resistance on a Philco 111 or 112. David Cox, PO Box 415, Kiefer, OK 74041. (918) 321-5945

**HELP:** Need power transformer Stancor PC8413 and Stancor bulletin 382, copy. Michael Kruger, 152 N. 12th Ave., Upland, CA 91786. (909) 946-6708. E-mail: itismicha@netzero.net

**HELP:** Need any information on Atwater Kent Model 6 (4052) breadboard, would like to correspond with owner. Henry Boersma, 6253 Dolores Dr., Oak Forest, IL 60452. E-mail: hboersma1@aol.com

**HELP:** I need a photocopy operation instructions and schematic diagram of the worldband receiver Braun T-1000-cd, pay \$50. Angel Prado, Vazquez Varela 42-3, Vigo, Spain 36204. E-mail: angelprado@worldonline.es

**HELP:** Knobs and tuning indicator for Zenith H723 radio. Junker Truetone D714, must have all the cabinet parts. Does anyone know where to have phonograph idler wheels reconditioned? Norm Secor, 3333 Grand Ave., #271, Des Moines, IA 50312. (515) 277-4243

**HELP:** Reward: Information or schematic for Majestic Transworld Junior radio & Model 534B Hickok tube tester. Ken Flockhart, 425 S. 18th St., Fort Dodge, IA 50501. (515) 573-5477

**HELP:** Need decals to restore 1950s Coca-Cola tube radio. Where do I get them? Thank you. Bruce Phillips, 127 Bunker Hill, Stratham, NH 03885. (603) 772-7516. E-mail: radioorphanage@prodigy.net

**FOR TRADE:** Professionally copied Viking I manual for equal quality Valiant I manual. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612, after 6 pm

**FOR TRADE:** QSTs, CQs, 73s, Ham Radio, Radio TV Experimenter, mostly in the 50s, 60s and 70s, ARRL Handbooks. Modern Radio Servicing, 1,318 pages, 1935, very good. Radio Encyclopedia, S. Gemsback, 1927, very good. Lots of meters and test equipment, many books. Lots of wire wound pots and volume controls. Send for list. A.R. Terry, RR #3, Box 19, Ellington, MO 63638. E-mail: art71@hotmail.com

**FOR TRADE:** Good Zenith Royal 780 Navigator with manual for 2 good crystal detectors. George Hausske, W9OLE, 1922 E. Indiana St., Wheaton, IL 60187. (630) 668-3845

**FOR TRADE:** Five Northern Electric 215A/VT5 tubes & two sockets. RCA loose leaf tube handbook, issue HB3 (1928 to 1939) containing all tube types. A. Bruno, 24 Buttemut Dr., New City, NY 10956. (914) 354-8899

# **Classified Ads On-Line at www.antiqueradio.com**



## **Classified Ads are On-Line!**



Check the "Latest Web Site News"  
on the A.R.C. Web Site  
for the Release Date of the Next Month's Ads.

## **Updated Each Month**

The Cover, On The Cover, Editor's Page  
One or More Feature Articles (Web Editions)  
Book Reviews, Radio Miscellanea  
Coming Radio Events & Mark Your Calendar  
Radio Club Listing (over 80 clubs, worldwide)  
Links to Over 200 Related Web Sites

## **Archives on the A.R.C. Web Site**

Nearly Four Years of Web Editions of A.R.C.

## **Auction Prices**

Unavailable While We Re-Host These Features

## **The A.R.C. Web Store**

Subscribe and Renew  
Order From Over 90 Books and Videos  
Request a Free Sample Copy

## **Also on the A.R.C. Web Site**

Frequently Asked Questions (FAQ) about A.R.C.  
E-mail A.R.C. With Your Ads and Comments

---

A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512  
Fax: (978) 371-7129 – E-mail: [arc@antiqueradio.com](mailto:arc@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)

(JUL-00)

# Looking for a Price Guide?

- The Collector's Guide to Antique Radios, 4th Ed., Bunis.** *This guide covers radios from 1920s to 1960s. Over 8,500 prices and many all new color photos are included.* ..... **\$18.95**
- The Collector's Guide to Antique Radios, Combined Ed., CD-ROM, Bunis & Kaczowka.** *Combines book editions 1, 2, 3, and 4. Over 9,000 models with pricing. Model number index for all manufacturers, photo index by category. 1,800 full color photos. Requires a web browser. IBM & Mac.* ..... **\$39.95**
- The Collector's Guide to Novelty Radios, Bunis & Breed.** *The source for novelty transistor radios in all shapes & sizes. Radios are described in detail with current prices. 600+ color photos.* 224 pgs. .... **\$18.95**
- The Collector's Guide to Novelty Radios, Book II, Bunis & Breed.** *All new 2nd volume. New radios are described with current prices. 600+ all new color photos.* 208 pgs. .... **\$19.95**
- The Collector's Guide to Transistor Radios, 2nd Ed., Bunis.** *Identifies the most sought-after vintage transistor radios. Over 2,900 models, 375 all new color photos, with current prices.* 320 pgs. .... **\$16.95**
- The Collector's Guide to Vintage Televisions, Durbal & Bubenheimer.** *Includes information about the size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs made from 1945-1960 and transistor sets through 1980. 200+ color photos.* 176 pgs. New. .... **\$15.95**
- Genuine Plastic Radios of the Mid-Century, Jupp & Piña.** *Overview of plastic table radios with ads, vintage black & white photos. 439 color photos. 208 pgs. Hardcover.* ..... **\$39.95**
- Ham Price Guide, 2nd, Eugene Rippen.** *Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print.* 81 pgs. Softcover. .... **\$10.95**
- The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed., Grinder.** *Directory of over 20,000 radios by manufacturer, model number, year, etc., with prices. History, cabinet styles, vacuum tube development chapters.* 500 pgs. .... **\$26.95**
- Radios by Hallicrafters, 2nd Ed., Dachis.** *The most definitive book on the company. Over 1,000 photos (some color) on everything they made. Additional coverage & updated pricing. An invaluable tool for anyone interested in Hallicrafters.* 225 pgs. New. .... **\$29.95**
- The Talking Machine, Fabrizio and Paul.** *Contains over 550 photos of internal and external horn phonographs. The text and value guide, complemented with lots of visuals, make this book a must in your library.* 256 pgs. Hardcover Only. .... **\$69.95**
- Transistor Radios: 1954-1968, Smith.** *Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. Color photos and price guide.* 160 pgs. .... **\$29.95**
- Transistor Radios, A Collector's Encyclopedia and Price Guide, Lane.** *Identification guide to over 2,500 transistor & novelty radios. History & key to collecting chapters.* 170 pgs. .... **\$19.95**
- Zenith The Early Years, 1919-1935, Bryant & Cones.** *Explains the Zenith story. Discover never published photos, documents and info. 300 photos & illustrations, 120 color.* 224 pgs. .... **\$29.95**
- Zenith Transistor Radios, Evolution of a Classic, Smith.** *A complete listing of all transistor radio models created by Zenith from 1955-65. Color photos and price guide.* 160 pgs. .... **\$29.95**

## Everything stocked and shipped promptly – Radio is our middle name.

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 - E-mail: ARC@antiqueradio.com - Web: www.antiqueradio.com**



(Jul-00)



## **NEW JERSEY - Jun. 30**

### **RADIO AUCTION**

Stewartsville, NJ - Dennis Auction Center

Hwy. 57W

6 pm

Info: (908) 859-3424 - [www.dennisauction.com](http://www.dennisauction.com)

## **ARKANSAS - Jul. 6**

### **ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH - MEETING**

Fort Smith, AR - St. Luke Lutheran Church  
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.  
Fort Smith, AR 72904 - (501) 782-8178

## **WASHINGTON - Jun. 30-Jul. 1**

### **RADIO ENTHUSIASTS OF PUGET SOUND PEMCO/REPS RADIO SHOWCASE**

Seattle, WA - Seattle Center

The Northwest Rooms

Theme: OTR Treasures

Hotel: Comfort Suites - (800) 228-5150

Fri.: 3 pm-9 pm - Sat.: 8:30 am-9:15 pm

Info: Mike Sprague, 9936 NE 197th St., Bothell,  
WA 98011 - (425) 488-9518 - [hrrmikes@aol.com](mailto:hrrmikes@aol.com)

## **NEVADA - Jul. 6**

### **NEVADAN ENTHUSIASTS FOR ANTIQUE RADIOS - MEETING**

Las Vegas, NV - Sunset Road Library  
Corner of Green Valley Pkwy. & Sunset Rd.

7 pm

Info: Cort & Eileen Ancman - (702) 312-7110  
[ancman@juno.com](mailto:ancman@juno.com)

## **CALIFORNIA - Jul. 1**

### **CALIFORNIA HISTORICAL RADIO SOC. SWAP MEET - 8 am**

San Francisco, CA - St. Anne's Church  
of the Sunset

Info: CHRIS Hotline - (415) 821-9800

## **MICHIGAN - Jul. 6-9**

### **MICHIGAN ANTIQUE RADIO CLUB EXTRAVAGANZA '00**

Lansing, MI

Holiday Inn South Convention Center  
6820 S. Cedar St. - (517) 694-8123

Theme: Heathkit

3-day Open Air Flea Market  
Auction - Heathkit Exhibit  
Equipment Contest - Daily Drawings  
Informative Programs

Info: Extravaganza '00, 3520 Okemos Rd. #6,  
Okemos, MI 48864 - Jim Clark - (517) 349-7187  
[HGGW75A@prodigy.com](mailto:HGGW75A@prodigy.com) - [JC072651@aol.com](mailto:JC072651@aol.com)

## **NEW YORK - Jul. 2**

### **GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET**

Lake Ronkonkoma, NY - 367 Hawkins Ave.

8 am-Noon

Info: Chris Lieppert - (631) 471-9526  
Chris Bacon - (516) 437-7106

## **OKLAHOMA - Jul. 8**

### **OKLA. VINTAGE RADIO COLLECTORS MEETING**

Oklahoma City, OK - Oklahoma Station BBQ  
Springdale Shopping Center, 4333 N.W. 50th

6 pm: Dinner - 7 pm: Meeting

Info: Jim Collings - (405) 755-4139 - [jrcradio@home.com](mailto:jrcradio@home.com)  
Frank Karner - (405) 760-4656 - [fkarner@mmcable.com](mailto:fkarner@mmcable.com)

## **VIRGINIA - Jul. 5**

### **TIDEWATER ANTIQUE RADIO ASSOC. MEETING - 7 pm**

Call for location & directions

Info: Vic Johnston - (757) 825-0757, eves.  
Scott Balderston - (757) 549-0449, eves.

## **Publicize Your Event**

Submit your listing to A.R.C.  
[arc@antiqueradio.com](mailto:arc@antiqueradio.com) or fax: (978) 371-7129  
Or mail to: PO Box 2, Carlisle, MA 01741

Although non-members are welcome at all  
events, joining may be required at some.  
Admission is charged at some events.

## **NEW MEXICO - Jul. 9**

### **NEW MEXICO RADIO COLLECTORS CLUB MEET**

Albuquerque, NM - Anna Kaseman Hospital  
8300 Constitution Ave. (W. of Wyoming)

1:30 pm: Tailgate Swap Meet

2 pm: Program - Advertising Items,  
Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park,  
NM 87047 - (505) 286-9674 - ChuckBurch@aol.com

## **N. CAROLINA - Jul. 10**

### **EAST CAROLINA ANTIQUE RADIO CLUB MEETING**

Greenville, NC - Golden Corral Rest.  
504 S.W. Greendale Blvd.

6:30 pm

Info: Bill Engstrom - (252) 355-8732  
Herman Schnur - (252) 752-2264

## **NEW ZEALAND - Jul. 9**

### **NEW ZEALAND VINTAGE RADIO SOCIETY WELLINGTON MEETING**

Wellington - Tireti Hall, Te Pene Ave., Titahi Bay  
1 pm

Info: Bob Hatton, 40 Rose St., Wadestown - 04-4728788

## **OHIO - Jul. 11**

### **ANTIQUE RADIO COLLECTORS OF OHIO MEETING**

Kettering, OH - Party Room at Cassano's  
Pizza, 1700 E. Stroop Rd.

7:30 pm

Topic: Art Deco Radio Night  
Discussion: Cabinet Restoration

Info: John Pansing - (937) 299-0210  
ARCO, PO Box 292292, Kettering, OH 45429

## **OHIO - Jul. 9**

### **BUCKEYE ANTIQUE RADIO & PHONO. CLUB SUMMER PICNIC**

Tallmadge, OH - Maca Aquatic Center  
183 Maca Dr.

1:30 pm

Info: Kevin Grimm - (330) 928-8341

## **TEXAS - Jul. 11**

### **HOUSTON VINTAGE RADIO ASSOC. MEETING - PROGRAM - AUCTION**

Houston, TX - TBA

6:30 pm

Info: Bill Werzner - (713) 721-2242  
mingqi53@earthlink.net

## **GEORGIA - Jul. 10**

### **SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL**

Norcross, GA - Picadilly Cafeteria  
3400 Holcomb Bridge Road

6:30 pm

Topic: "Z" Radios

Info: Gordon Hunter - (770) 475-0713  
SARS, PO Box 1055, Tucker, GA 30085-1055

## **WASHINGTON - Jul. 11**

### **RADIO ENTHUSIASTS OF PUGET SOUND MEETING**

Seattle, WA - Queen Anne Library  
400 W. Garfield

2 pm

Info: REPS, 9936 N.E. 197th Street  
Bothell, WA 98041 - (206) 488-9518

## **MISSOURI - Jul. 10**

### **ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS MEETING**

Kirkwood, MO - Kirkwood Community Center  
111 S. Geyer Rd., Room 201-A

7:30 pm: Meeting (earlier for conversation)  
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,  
Clayton, MO 63105 - (314) 725-2333

## **ARKANSAS - Jul. 13**

### **ARKANSAS ANTIQUE RADIO CLUB MEETING - 7 pm**

Call for Location and Directions

Info: Tom Burgess - (501) 455-0773

## **PENNSYLVANIA - Jul. 13**

### **DELAWARE VALLEY HISTORIC RADIO CLUB MEETING - SWAP MEET - AUCTION**

Telford, PA - Telford Community Bldg.  
Hamilton & Hamlin

7:30 pm

Info: Bill Overbeck, PO Box 847,  
Havertown, PA 19083

*NOTE: The "Coming Radio Events" pages are tabulated from the best information available to A.R.C. However, changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.*

## MARK YOUR CALENDAR

Jun. 30 - NJ, Stewartsville - Radio Auction  
Jun. 30-Jul. 1 - WA, Seattle - PEMCO/REPS Showcase  
Jul. 1 - CA, San Francisco - CHRS Swapmeet  
Jul. 2 - NY, Lake Ronkonkoma - GNYVWA Swap  
Jul. 5 - VA, TBA - TARA Meeting  
Jul. 6 - AR, Fort Smith - ARCCFS Meeting  
Jul. 6 - NV, Las Vegas - NEAR Meeting  
Jul. 6-9 - MI, Lansing - MARC Extravaganza '00  
Jul. 8 - OK, Oklahoma City - OKVRC Meeting  
Jul. 9 - New Zealand, Wellington - NZVRS Meet  
Jul. 9 - NM, Albuquerque - NMRCC Meet  
Jul. 9 - OH, Tallmadge - BARPC Summer Picnic  
Jul. 10 - GA, Norcross - SARS Meeting  
Jul. 10 - MO, Kirkwood - ARCH Meeting  
Jul. 10 - NC, Greenville - ECARC Meeting  
Jul. 11 - OH, Kettering - ARCO Meeting  
Jul. 11 - TX, Houston - HVRA Meeting  
Jul. 11 - WA, Seattle - REPS Meeting  
Jul. 13 - AR, Little Rock - AARC Meeting  
Jul. 13 - PA, Telford - DVHRC Meet & Auction  
Jul. 14 - NJ, Freehold - NJARC Meeting  
Jul. 15 - Australia, NSW - HRSA Meeting  
Jul. 15 - CA, San Diego - SCARS Swap Meet  
Jul. 15 - NH, Nashua - NEARC Meet  
Jul. 15 - OH, Seville - Estes Auction  
Jul. 15 - TX, Houston - HVRA Basic Elec. Seminar  
Jul. 15 - TX, Irving - VRPS Meeting  
Jul. 15 - TX, Kyle - TARC Meeting  
Jul. 16 - Australia, Melbourne - HRSA Gen. Mtg.  
Jul. 16 - CO, Denver - CRC Meeting  
Jul. 16 - KS, Overland Park - MAARC Swap Meet  
Jul. 16 - MD, Burtonsville - MAARC Meeting  
Jul. 16 - PA, Kimberton - MARC Hamfest  
Jul. 16 - WA, Seattle - PSARA Meeting  
Jul. 17 - New Zealand, Auckland - NZVRS Meeting  
Jul. 18 - CA, Sacramento - CHRS-Sac. Meeting  
Jul. 19 - OH, Cincinnati - CARS Meeting  
Jul. 19 - OH, Columbus - COARA Meeting  
Jul. 20 - NY, Goshen - HARPS Meeting  
Jul. 22 - Australia, Victoria - HRSA Auction  
Jul. 22 - KY, Louisville - MSARC Swap Meet  
Jul. 22 - OH, Columbus - COARA Summer Show  
Jul. 22 - WV, Huntington - MRAT Open House  
Jul. 23 - British Columbia - CVRS Meeting  
Jul. 24 - AL, Birmingham - ALHRS Meeting  
Jul. 25 - OH, Kettering - SPARK Meeting  
Jul. 29 - RI, E. Greenwich - Yankee Tune-Up  
Jul. 29 - MS, Fulton - Ramage Estate Sale & Auction  
Aug. 2 - VA, TBA - TARA Meeting  
Aug. 3 - AR, Fort Smith - ARCCFS Meeting  
Aug. 3 - NV, Las Vegas - NEAR Meeting  
Aug. 4-6 - IL, Elgin - ARCI Radiofest XIX  
Aug. 5 - Australia, Sydney - HRSA Meeting  
Aug. 5 - CA, Los Altos Hills - CHRS Swap Meet/Auction  
Aug. 5 - WA, Seattle - REPS Meeting  
Aug. 6 - NY, Lake Ronkonkoma - GNYVWA Swap  
Aug. 8 - MO, Kirkwood - ARCH Meeting  
Aug. 8 - NC, Greenville - ECARC Meeting  
Aug. 8 - OH, Kettering - ARCO Meeting  
Aug. 8 - PA, Telford - DVHRC Meet & Auction  
Aug. 10 - AR, Little Rock - AARC Meeting  
Aug. 11 - NJ, Freehold - NJARC Meeting  
Aug. 12 - OH, Dayton - ARCO 10th Annual Show  
Aug. 12 - OK, Oklahoma City - OKVRC Meeting  
Aug. 12 - OR, Oregon City - NWVRS Summer Swap

## MARK YOUR CALENDAR

*(Continued from bottom left column)*

Aug. 12 - TX, Houston - HVRA Basic Elec. Seminar  
Aug. 13 - NM, Albuquerque - NMRCC Meet  
Aug. 14 - GA, Norcross - SARS Meeting  
Aug. 17 - Australia, Melbourne - HRSA Gen. Mtg.  
Aug. 19 - CA, Encino - SCARS Swap Meet  
Aug. 19 - IN, Elkhart - IHRS Summer Meet  
Aug. 20 - TX, Schertz - TARC Meeting  
Aug. 26-27 - MA, Boxboro - Boxboro 2000 (ARRL)  
Sep. 6-9 - NY, Rochester - AWA Meet  
Sep. 17 - England, Birmingham - NVCF  
Oct. 14 - IN, Greenfield - IHRS Fall Meet  
Oct. 21 - NH, Nashua - NEARC Meet

*See expanded listing for many of these events*

## NEW JERSEY - Jul. 14

### NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ - Grace Lutheran Church  
West Main St. & Park Ave. (Old Rt. 33)  
7 pm

Info: Marv Beeferman - (609) 693-9430  
Phil Vourtsis - (732) 446-2427

## AUSTRALIA - Jul. 15

### HIST. RADIO SOC. OF AUSTRALIA NSW NORTH COAST GROUP MEETING

Call for Time & Location

Theme: Horn Speakers

Info: Ted Gill - 02 6653 2216

## CALIFORNIA - Jul. 15

### SO. CAL. ANTIQUE RADIO SOCIETY SWAP MEET & BRUNCH

San Diego, CA - Fudrucker's  
8285 Mira Mesa Blvd.

9:30 am: Swap - 11 am: Brunch

Info: Mike Zuccaro - (619) 271-8294  
mjzuccaro@aol.com

## NEW HAMPSHIRE - Jul. 15

### NEW ENGLAND ANTIQUE RADIO CLUB SWAP MEET

Nashua, NH - Resurrection Center

Rt. 3 (Everett Turnpike) Exit 6

1 1/2 miles West on Rt. 130, 449 Broad St.

7:30-8 am: Real Early Admission

8-9 am: Early Admission

9 am-1 pm: General Admission

Over 100 tables - 50/50 Raffle - CATERED  
Old Equipment Contest

Reservations required to sell

Info: Joe Coco - (617) 923-2665  
PO Box 2382, Fitchburg, MA 01420

## **OHIO – Jul. 15**

### **ESTES AUCTIONS VINTAGE RADIO AUCTION**

Seville, OH – Seville Antique Auction Barn  
8240 Wooster Pike Rd.

10 am

Info: 7404 Ryan Rd., Medina, OH 44256  
(330) 769-4992 – Fax: (330) 769-4116  
estesauctions@aol.com

## **KANSAS – Jul. 16**

### **MID-AMERICA ANTIQUE RADIO CLUB SUMMER SWAP MEET**

Overland Park, KS – Leewood Park  
9-11 am

Info: John Mallery – (913) 268-7135  
73644.623@compuserve.com

## **TEXAS – Jul. 15**

### **HOUSTON VINTAGE RADIO ASSOC. BASIC ELECTRONICS SEMINAR**

Houston, TX – New Garden Rest.  
11403 Chimney Rock Rd.

8 am: Breakfast – 9 am-Noon: Seminar

Info: Bill Werzner – (713) 721-2242  
mingqi53@earthlink.net

## **MARYLAND – Jul. 16**

### **MID-ATLANTIC ANTIQUE RADIO CLUB MEETING – SWAP MEET – AUCTION**

Burtonsville, MD – New Hope Seventh Day  
Adventist Church – 15121 McKnew Rd.

2 pm

Info: Ed Lyon, 11301 Woodland Way,  
Myersville, MD 21773 – (301) 293-1773

## **TEXAS – Jul. 15**

### **TEXAS ANTIQUE RADIO CLUB MEETING**

Kyle, TX – Railroad BQ

10 am

Info: Jim Moffett, 218 Shannon Lee, San  
Antonio, TX 78216 – (210) 826-4938

## **WASHINGTON – Jul. 16**

### **PUGET SOUND ANTIQUE RADIO ASSOCIATION – MEETING**

Seattle, WA – Shoreline Museum  
N. 175th & Linden Ave.

9 am-Noon: Tailgate Swap Meet  
Noon: Meeting, Program, Show & Tell

Info: Pete Petersen – (425) 747-1323  
PSARA – PO Box 2095, Snohomish, WA  
98291-0125 – (360) 568-2698

## **TEXAS – Jul. 15**

### **VINTAGE RADIO & PHONO. SOCIETY MEETING**

Irving, TX – Senter East Building  
3 pm

Info: George Potter – (972) 353-4862  
VRPS, PO Box 165345, Irving, TX 75016

## **NEW ZEALAND – Jul. 17**

### **NEW ZEALAND VINTAGE RADIO SOCIETY AUCKLAND MEETING**

Auckland – Horticultural Soc. Hall, Chamberlain  
Park Golf Clubhouse, 990 Great North Rd.

7:30 pm

Info: Ian Sangster – ian.sangster@airnz.co.nz

## **AUSTRALIA – Jul. 16**

### **HIST. RADIO SOC. OF AUSTRALIA MELBOURNE GROUP – GEN. MEETING**

Glen Iris – Gardiner Church of Christ Hall  
Malvern Rd. cnr Scott Grove

7:30 pm

Theme: Stromberg-Carlson Radios  
Info: Warwick Woods – 03 9885 1030 –  
wwwoods@netspace.net.au

## **CALIFORNIA – Jul. 18**

### **CALIF. HISTORICAL RADIO SOCIETY SACRAMENTO CHAPTER MEETING**

Sacramento, CA – SMUD Building  
Corner of Elkhorn & Don Julio

7 pm

Info: CHRS Hotline – (415) 821-9800

## **COLORADO – Jul. 16**

### **COLORADO RADIO COLLECTORS MEETING**

Denver, CO – VecraBank Bldg.  
1380 South Federal Ave.

1 pm

Info: Larry Weide – (303) 758-8382

## **OHIO – Jul. 19**

### **CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING – 7:30 pm**

Columbus, OH – DeVry Institute of Tech.  
1350 Alum Creek Rd., I-70 Exit 103B

Info: Barry Gould – (614) 777-8534  
Chuck Davis – (614) 792-6237

### **OHIO - Jul. 19**

#### **CINCINNATI ANTIQUE RADIO SOCIETY MEETING**

Norwood, OH - ITT Technical Institute  
4750 Wesley Ave.

7:30 pm

Info: Kirk Webb - (513) 231-4557  
2183 Springwheel Ln., Cincinnati, OH 45244

### **NEW YORK - Jul. 20**

#### **HUDSON VALLEY ANTIQUE RADIO AND PHONO. SOCIETY MEETING**

Goshen, NY - Catawac Fire House  
7 pm-9 pm

Info: Peter DeAngelo - (914) 496-5130  
(Call to confirm details)

### **AUSTRALIA - Jul. 22**

#### **HIST. RADIO SOC. OF AUSTRALIA VICTORIAN GROUP - AUCTION**

Glen Iris - St. Andrews Uniting Church Hall  
Malvern Rd. near Burke Rd.

12:30 pm

Info: Doug Ellis - (03) 9802 0577

### **KENTUCKY - Jul. 22**

#### **MID-SOUTH ANTIQUE RADIO COLLECTORS SWAP MEET**

Louisville, KY - Derby City Antique Mall  
3819 Bardstown Rd. - (502) 459-5151

7:30 am-Noon

Info: Allen Ferris - (502) 543-8233

### **N. CAROLINA - Jul. 22**

#### **CAROLINAS CHAPTER - AWA SUMMER SWAP MEET**

\* CANCELLED \*

Info: Ron Lawrence - (704) 289-1166  
kc4yoy@trellis.net - www.CC-AWA.org

### **OHIO - Jul. 22**

#### **CENTRAL OHIO ANTIQUE RADIO ASSOC. SUMMER SHOW/SALE/SWAP MEET**

Columbus, OH - Business Parking Lot  
south of DeVry, 1580 Alum Creek Drive

7 am-11 am

Info: Barry Gould - (614) 777-8534  
Mike Keller - (614) 866-7725

**Attend a radio event near you,  
learn, meet others in the hobby.**

### **W. VIRGINIA - Jul. 22**

#### **MUSEUM OF RADIO & TECHNOLOGY GRAND OPEN HOUSE**

Huntington, WV - 1640 Florence Ave.  
Presentations - Displays - Guest Speakers  
Banquet - Entertainment - Awards

Info: MRAT - (304) 525-8890

### **BRITISH COLUMBIA - Jul. 23**

#### **CANADIAN VINTAGE RADIO SOCIETY BRITISH COLUMBIA CHAPTER MEETING**

Time: TBA

Richmond, BC - Steveston Hotel

Info: Fred Tutt - (604) 275-2033

### **ALABAMA - Jul. 24**

#### **ALABAMA HISTORICAL RADIO SOCIETY MEETING**

Birmingham, AL - Homewood Public Library  
1721 Oxmoor Road

7 pm

Info: Julian Brook, PO Box 130307,  
Birmingham, AL 35213 - (205) 879-1191

### **OHIO - Jul. 25**

#### **SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE MEETING**

Kettering, OH - Party Room at Cassano's  
Pizza, 1700 E. Stroop Rd.

7:30 pm

Presentation: History of Vacuum Tubes  
Show & Tell: Bakelite Cabinet Radios  
Info: PO Box 292111, Kettering, OH 45429  
E-mail: sparkinc@juno.com

### **RHODE ISLAND - Jul. 29**

**NEW ENGLAND WIRELESS & STEAM MUSEUM - YANKEE RADIO TUNE-UP**  
E. Greenwich, RI - N.E. Wireless & Steam Mus.  
1300 Frenchtown Rd.

8 am-3 pm

Flea Market & Tailgaters - Silent Auction

Info: N.E. Wireless & Steam Museum  
(401) 885-0545

### **MISSISSIPPI - Jul. 29**

#### **FULTON AUCTION COMPANY RAMAGE ESTATE SALE & RADIO AUCTION**

Tupelo, MS - 2522 Summertree

10 am: Estate Sale - Noon: Auction

Info: Fulton Auction Co. - (662) 862-2835

## **VIRGINIA – Aug. 2**

**TIDEWATER ANTIQUE RADIO ASSOC.  
MEETING – 7 pm**

Call for location & directions

Info: Vic Johnston – (757) 825-0757, eves.  
Scott Balderston – (757) 549-0449, eves.

## **ARKANSAS – Aug. 3**

**ANTIQUERADIO COLLECTORS CLUB  
OF FORT SMITH – MEETING**

Fort Smith, AR – St. Luke Lutheran Church  
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.  
Fort Smith, AR 72904 – (501) 782-8178

## **NEVADA – Aug. 3**

**NEVADAN ENTHUSIASTS FOR  
ANTIQUERADIOS – MEETING**

Las Vegas, NV – Sunset Road Library  
Corner of Green Valley Pkwy. & Sunset Rd.

7 pm

Info: Cort & Eileen Ancman – (702) 312-7110  
ancman@juno.com

## **ILLINOIS – Aug. 4-6**

**ANTIQUERADIO CLUB OF ILLINOIS  
RADIOFEST XIX**

Elgin, IL – Ramada Inn

345 River Rd – (847) 695-5000

Daily Open Air Flea Market

Hi-Fi Display – 50/50 Raffle

Awards Banquet and Show

Radio Auction – Donation Auction

Appraisals – Old Radio Contest

Microphone Presentation

Motorola Display

Info: A.R.C.I., PO Box 1139, LaGrange Park,  
IL 60526 – E-mail: arci31280@aol.com

## **AUSTRALIA – Aug. 5**

**HIST. RADIO SOC. OF AUSTRALIA  
SYDNEY GROUP – MEETING/AUCTION**

Sydney – 2W Carpark

Noon

Theme: 60s Transistors

Info: John McIlwaine – 02 4332 6008

## **CALIFORNIA – Aug. 5**

**CALIFORNIA HISTORICAL RADIO SOC.  
SWAP MEET/AUCTION – 8 am**

Los Altos Hills, CA – Foothill College, Lot "D"

Info: CHRIS Hotline – (415) 821-9800

## **WASHINGTON – Aug. 5**

**RADIO ENTHUSIASTS OF PUGET SOUND  
MEETING**

Seattle, WA – Queen Anne Library  
400 W. Garfield

2 pm

Info: REPS, 9936 N.E. 197th Street  
Bothell, WA 98041 – (206) 488-9518

## **NEW YORK – Aug. 6**

**GREATER NEW YORK VINTAGE  
WIRELESS ASSOCIATION  
SWAP MEET**

Lake Ronkonkoma, NY – 367 Hawkins Ave.  
8 am-Noon

Info: Chris Lieppert – (631) 471-9526  
Chris Bacon – (516) 437-7106

## **MISSOURI – Aug. 8**

**ANTIQUERADIO COLLECTORS &  
HISTORIANS OF GREATER ST. LOUIS  
MEETING**

Kirkwood, MO – Kirkwood Community Center  
111 S. Geyer Rd., Room 201-A

7:30 pm: Meeting (earlier for conversation)  
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,  
Clayton, MO 63105 – (314) 725-2333

## **N. CAROLINA – Aug. 8**

**EAST CAROLINA ANTIQUERADIO CLUB  
MEETING**

Greenville, NC – Golden Corral Rest.  
504 S.W. Greendale Blvd.

6:30 pm

Info: Bill Engstrom – (252) 355-8732  
Herman Schnur – (252) 752-2264

## **OHIO – Aug. 8**

**ANTIQUERADIO COLLECTORS OF OHIO  
MEETING**

Kettering, OH – National City Bank Basement  
4100 Far Hills Ave., at Stroop Rd.

7:30 pm

Topic: Silvertone Radios

Discussion: Component Selection

Info: John Pansing – (937) 299-0210  
ARCO, PO Box 292292, Kettering, OH 45429

**Submission Deadline for  
August issue is July 5  
Sept. issue is August 5**

## **PENNSYLVANIA - Aug. 8**

### **DELAWARE VALLEY HIST. RADIO CLUB MEETING - SWAP MEET - AUCTION**

Telford, PA - Telford Community Bldg.  
Hamilton & Hamlin

7:30 pm

Info: Bill Overbeck, PO Box 847  
Havertown, PA 19083

## **OREGON - Aug. 12**

### **NORTHWEST VINTAGE RADIO SOCIETY SUMMER SWAP MEET**

Oregon City, OR - Abernethy Grange Hall  
15745 S. Harley Ave.

Time: TBA

Info: Ed Charman, PO Box 82379  
Portland, OR 97282-0379 - (503) 654-7387

## **ARKANSAS - Aug. 10**

### **ARKANSAS ANTIQUE RADIO CLUB MEETING**

Call for Location and Directions

7 pm

Info: Tom Burgess - (501) 455-0773  
(Call to confirm details)

## **TEXAS - Aug. 12**

### **HOUSTON VINTAGE RADIO ASSOC. BASIC ELECTRONICS SEMINAR**

Houston, TX - New Garden Rest.  
11403 Chimney Rock Rd.

8 am: Breakfast - 9 am-Noon: Seminar

Info: Bill Werzner - (713) 721-2242  
mingqi53@earthlink.net

## **NEW JERSEY - Aug. 11**

### **NEW JERSEY ANTIQUE RADIO CLUB MEETING**

Freehold, NJ - Grace Lutheran Church  
West Main St. & Park Ave. (Old Rt. 33)

7:30 pm

Info: Marv Beeferman - (609) 693-9430  
Phil Vourtsis - (732) 446-2427

## **NEW MEXICO - Aug. 13**

### **NEW MEXICO RADIO COLLECTORS CLUB MEET**

Albuquerque, NM - Anna Kaseman Hospital  
8300 Constitution Ave. (W. of Wyoming)

1:30 pm: Tailgate Swap Meet

2 pm: Program - Vintage Communications  
Receivers, Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park,  
NM 87047 - (505) 286-9674 - ChuckBurch@aol.com

## **OHIO - Aug. 12**

### **ANTIQUÉ RADIO COLLECTORS OF OHIO 10TH ANNUAL ANTIQUÉ & COLLECTIBLE RADIO SHOW**

Dayton, OH - Days Inn, 3555 Miamisburg-  
Centerville Rd. (I-75, Exit 44)

7 am-1 pm: Indoor & Outdoor Swap Meet

11 am: 3 Radio Raffle

Info: John Pansing - (937) 299-0210  
Jim Gray - (937) 277-2151

## **GEORGIA - Aug. 14**

### **SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL**

Norcross, GA - Picadilly Cafeteria  
3400 Holcomb Bridge Road

6:30 pm

Topic: Weird Stuff

Info: Gordon Hunter - (770) 475-0713  
SARS, PO Box 1055, Tucker, GA 30085-1055

## **OKLAHOMA - Aug. 12**

### **OKLA. VINTAGE RADIO COLLECTORS MEETING**

Oklahoma City, OK - Oklahoma Station BBQ  
Springdale Shopping Center, 4333 N.W. 50th

6 pm: Dinner - 7 pm: Meeting

Info: Jim Collings - (405) 755-4139 - jrccradio@home.com  
Frank Karner - (405) 760-4656 - fkarner@mmcable.com

## **AUSTRALIA - Aug. 17**

### **HIST. RADIO SOC. OF AUSTRALIA MELBOURNE GROUP - GENERAL MEETING**

Glen Iris - Gardiner Church of Christ Hall  
Malvern Rd. cnr Scott Grove

7:30 pm

Theme: Pre-1930 Speakers

Info: Warwick Woods - 03 9885 1030  
www.woods@netspace.net.au

**SUBMISSION DEADLINE: 5th OF MONTH**

A free\* listing on these pages is available for each coming radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made. Submission deadline - 5th of month. \*Club/museum/non-profit events are listed free; other events are obtained from advertisements placed elsewhere in A.R.C. Sorry, we don't have room for hamfests.

## INDIANA – Aug. 19

### INDIANA HISTORICAL RADIO SOCIETY SUMMER MEET

Elkhart, IN – High Dive Park  
500 E. Beardsley Ave.

8:30 am: Swap and Sell in East Lot

9:30 am: Old Equipment Contest

10 am: Silent Auction

Noon: Pot Luck Dinner

1 pm: Brief Meeting & Awards

2-3 pm: Swap Meet Continues

Info: Terry Garl – (219) 679-4280

Ty Gregory – (219) 264-0257

## TEXAS – Aug. 20

### TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX – VFW Hall

2:30 pm

Info: Jim Moffett, 218 Shannon Lee, San

Antonio, TX 78216 – (210) 826-4938

## NEW YORK – Sep. 6-9

### ANTIQUE WIRELESS ASSOCIATION 39TH HISTORICAL RADIO CONFERENCE

Rochester, NY – Thruway Marriott Hotel  
Easy access from New York State Thruway

(I-90), I-390, or Rochester Airport

(716) 359-1800

Theme: Crosley

4-day, 3-acre Antique Radio Flea Market

Info: AWA, Box E, Breesport, NY 14816

Secretary's phone – (607) 739-5443

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

## UNITED KINGDOM – Sep. 17

### NATIONAL VINTAGE COMMUNICATIONS FAIR

Birmingham, UK – NEC Hall 11

10:30 am-4 pm

300+ Exhibitors – Radio, TV, Phonograph, etc.

Info: NVCF, 13 Belmont Rd., Exeter, Devon, England

Ph: (01392) 411565 – sunpress@eurobell.co.uk

## Always Updating Club List

*Please send A.R.C. the name, address, etc.  
of your club's contact person.*

## SUBMISSION DEADLINE

5th OF MONTH

Please include date, time, place, directions,  
event details & information/contact person.

## RADIO CLUB LISTINGS

*CLUBS: Send antique radio club and meet information to A.R.C. for free listing here, as space permits. Sorry, we don't have room for hamlets. Always send a SASE when writing to clubs!*

### NATIONAL CLUB

Antique Wireless Association (AWA). Box "E", Breesport, NY 14816. Pub: *The Old Timer's Bulletin (OTB)*, quarterly. Dues: \$15. National annual conference and regional meets. Museum.

### REGIONAL CLUBS

Alabama Historical Radio Society (ALHRS). PO Box 26452, Birmingham, AL 35226. Julian Brook, PO Box 130307, Birmingham, AL 35213. Pub: *The Superflex*, monthly. Dues: \$20. Meetings 4th Mon. evening each month but Dec., annual show/swap meet. Don Kresge Radio Museum, Fairfield Civic Center, 6509 E.J. Oliver Blvd., Fairfield, AL.

Antique Radio Club of Illinois (ARCI). PO Box 1139, La Grange Park, IL 60526. Art Bilski, (630) 739-1060. Pubs: *ARCI News*, semiannually, and "ARCI Update," periodically. Dues: \$15. Annual August Radiofest and bimonthly swap meets.

Antique Radio Collectors Club of Ft. Smith, Arkansas (ARCCFSA). Paul Tucker, 4700 N. "N" St., Fort Smith, AR 72904. Dues: \$10. Monthly meetings, annual show.

Antique Radio Collectors & Historians (ARCH) of Greater St. Louis. Derek Cohn, 8141 Stratford Dr., Clayton, MO 63105-3707. Dues: \$12. Monthly newsletter and meetings, annual picnic/swap meet.

Antique Radio Collectors of Ohio (ARCO). John Heck, ARCO, PO Box 292292, Kettering, OH 45429. Pub: *The ARCO Code*, quarterly. Dues: \$10. Monthly meetings, August show & auction.

Arkansas Chapter/AWA. Arkansas Antique Radio Club (AARC). Tom Burgess, PO Box 191117, Little Rock, AR 72219. Dues: \$5. Monthly meets.

Arizona Antique Radio Club (AARC). Bill Lettow, 2025 E. LaJolla Dr., Tempe, AZ 85282-5910. Pub: *The Arizona Antique Radio Club News*, quarterly. Dues: \$18. Monthly meetings, swap meets, Arizona Radio Roundup.

Belleville Area Antique Radio Club (BAARC). Karl Stegman, 4 Cresthaven Dr., Belleville, IL 62221. Monthly newsletter. Dues: \$10. Monthly meetings.

Border Amateur Radio Club. Chris Roy, PO Box 372, Derby, VT 05829.

Buckeye Antique Radio and Phonograph Club (BARPC). Kevin Grimm, 1716 Chestnut Blvd., Cuyahoga Falls, OH 44223. Pub: *Soundings*, bi-monthly. Dues: \$10. Monthly meetings, public mall show, March swap meet with PARS.

California Historical Radio Society (CHRS). CHRS, PO Box 31659, San Francisco, CA 94131. CHRS Hotline: (415) 821-9800. Steve Kushman, 4233 25th St., San Francisco, CA 94114. Pubs: *The Journal*, quarterly; *20 Years of CHRS, Hints & Kinks*, free with membership. Dues: \$20. 13 events per yr. CHRS/Sacramento Chapter. PO Box 162612, Sacramento, CA 95816-9998. Pub: *The Announcer*, quarterly. Dues: \$10. Special meets, monthly meetings.

Carolinas Chapter/AWA (CC-AWA). Ron Lawrence, PO Box 3015, Matthews, NC 28106.

**Central Ohio Antique Radio Association (COARA).** Barry Gould, 3782 Mill Stream Dr., Hilliard, OH 43026. Monthly meetings, January Cabin Fever swap meet. Dues: \$12.

**Central Pa. Radio Collectors Club.** Frank Hagenbuch, 1045 Bonair Dr., Williamsport, PA 17701.

**Cincinnati Antique Radio Society.** Ted Lewis, 6 Indian Dr., Sardinia, OH 45171. Monthly meetings.

**Collins Collector Association (CCA).** PO Box 10459, Phoenix, AZ 85064. Dues: \$20.

**Colorado Radio Collectors (CRC).** Robert Baumann, 1985 S. Cape Way, Lakewood, CO 80227. Pub: *The Flash!*, bimonthly. Dues: \$12. Monthly meetings/swap meets. April Show & Swap Meet and September Auction.

**Cumberland Valley Radio Society (CVRS).** HC-66 Box 1604, Barbourville, KY 40906. Weekly meetings, quarterly swap meets.

**Delaware Valley Historic Radio Club (DVHRC).** Bill Overbeck, Box 847, Havertown, PA 19083. Pub: *The Oscillator*, monthly. Dues: \$15. Monthly meetings with swap meets, quarterly tailgate swaps.

**East Carolina Antique Radio Club (ECARC).** Bill Engstrom, 218 Bent Creek Dr., Greenville, NC 27834.

**Florida Antique Wireless Group (FAWG).** Paul Currie, Box 738, Chuluota, FL 32766. Pub: *FAWghom News*, quarterly. Monthly tailgate swap meets, fall auction, & quarterly flea markets.

**Greater Boston Antique Radio Collectors (GBARC).** c/o A.R.C., PO Box 2-W20, Carlisle, MA 01741. (978) 371-0512. Informal org. Write to be put on mailing list. Annual meet in Feb.

**Greater New York Vintage Wireless Association (GNYVWA).** Chris Bacon, 52 Uranus Rd., Rocky Point, NY 11778. Pub: Meeting notices. Dues: \$4. Six meets/year and monthly meetings.

**Houston Vintage Radio Association (HVRA).** PO Box 31276, Houston, TX 77231-1276. Membership info: David Moore, 3213 Regal Oaks, Pearland, TX 77581. Pub: *The Grid Leak*, monthly. Dues: \$20. Monthly meetings and special regional events.

**Hudson Valley Antique Radio and Phonograph Society-AWA (HARPS).** PO Box 207, Campbell Hall, NY 10916. Peter DeAngelo, 25 County Route 51, Campbell Hall, NY 10916. Dues: \$15. Monthly meetings, annual Old Time Radio & Phono Show.

**Indiana Historical Radio Society (IHRS).** 245 N. Oakland Ave., Indianapolis, IN 46201-3360. Pub: *IHRS Bulletin*, quarterly. Dues: \$15/1 yr.; \$25/2 yrs. Quarterly swap meets in various areas of state.

**International Antique Radio Club, World-Wide.** Richard G. Brill, PO Box 5367, Old Bridge, NJ 08857. No dues.

**Illinois Historical Radio Society (IHRS).** Paul Johnston, 8592 N. Creek Rd., Roscoe, IL 61073

**Iowa Antique Radio Club and Historical Society (IARCS).** 790 Kane St., Dubuque, IA 52001. Pub: *IARCS Newsletter*, quarterly. Dues: \$12. Annual Radiofest.

**Louisiana & Gulf Coast Antique Radio Club.** Phil Boydston, 750 Moore St., Baton Rouge, LA 70806.

**Memphis Antique Radio Club (MARC).** Mel Urban, 7190 Mimosa, Germantown, TN 38138. Pub: Newsletter, bimonthly. Dues: \$12. Monthly meetings and summer swap meet.

**Michigan Antique Radio Club (MARC).** Brenda Clark,

MARC, Suite 100, 3520 Okemos Rd., #6, Okemos, MI 48864-5943. Pub: *The Michigan Antique Radio Chronicle*, quarterly. Dues: \$12. Annual Extravaganza and other quarterly meets.

**Mid-America Antique Radio Club (MAARC).** Gary Watkins, 8006 Greenwald, Belton, MO 64012. Pub: *The Broadcaster*, quarterly. Dues: \$12. Semi-annual auctions and swap meets.

**Mid-Atlantic Antique Radio Club (MAARC).** Paul Farmer, 3005 School St., Alexandria, VA 22303-2412. Pub: *Radio Age*, monthly. Dues: \$20. Monthly meetings.

**Mid-South Antique Radio Collectors (MSARC).** Joe Zahnen, 933 Venice Rd., Knoxville, TN 37923. Pub: *Old Radio Time's*, quarterly. Dues: \$10. Two meets per year.

**Military Radio Collector's Group (MRCCG).** Hank Brown, 4141 West L-2, Lancaster, CA 93536.

**Music City Vintage Radio & Phonograph Society.** PO Box 22291, Nashville, TN 37202. Mary Evans, 713 Setliff Pl., Nashville, TN 37206. Pub: *Newsletter*, quarterly. Dues: \$15. Spring and fall swap meets.

**Museum of Broadcast Communications.** 78 E. Washington, Chicago, IL 60602. Dues: \$30.

**Nebraska Antique Radio Collectors Club (NARCC).** Steve Morton, 905 W. First, N. Platte, NE 69101. Pub: *Mountains 'N Plains* newsletter, 6/year. Dues: \$12. Monthly meetings Apr. to Oct. in W. Nebraska, annual auction in Kearney.

**Nevedan Enthusiasts for Antique Radios (NEAR).** Cort & Eileen Ancman, 1881 Capo San Vito Ave., Las Vegas, NV 89123. Monthly meetings.

**New England Antique Radio Club (NEARC).** Info: (617) 923-2665. Bob Andersen, PO Box 918, Melrose, MA 02176. Pub: *Escutcheon*, quarterly. Dues: \$10. Quarterly meets & auctions.

**New Jersey Antique Radio Club (NJARC).** Phil Vourtsis, 13 Cornell Pl., Manalapan, NJ 07726. Pubs: *New Jersey Antique Radio Club News*, quarterly; *The Jersey Broadcaster*, flyer. Dues: \$15. Monthly meetings, three swap meets/year.

**New Mexico Radio Collectors Club (NMRCC).** Charles Burch, 39 Chaco Loop, Sandia Park, NM 87047. Pub: *New Mexico Radio Collectors Club Newsletter*, quarterly. Dues: \$12. Annual Sale & Show and monthly meetings.

**Niagara Frontier Wireless Association (NFWA).** Gary Parzy, 135 Autumnwood, Cheektowaga, NY 14227. Pub: *NFWA Chronicle*, quarterly. Dues: \$9. Regional meets. Display at the Amherst Museum, Amherst, N. Y.

**Northland Antique Radio Club (NARC).** PO Box 18362, Minneapolis, MN 55418. Pub: *The NARC Newsletter*, four/year. Dues: \$10. Four meets (including 2 swap meets) per year and Radio Daze event.

**Northwest Vintage Radio Society (NWVRS).** PO Box 82379, Portland, OR 97282-0379. Pub: *The Call Letter*, quarterly. Dues: \$15. Monthly meetings.

**Oklahoma Vintage Radio Collectors Club (OKVRC).** PO Box 50625, Midwest City, OK 73140-5625. Pub: *OKVRC Broadcast News*, monthly. Dues: \$12. Monthly meetings, spring and fall swap meets.

**Pittsburgh Antique Radio Society, Inc. (PARS).** Seth Ward, 83 Ruthred Dr., Pittsburgh, PA 15241. Pub: *The Pittsburgh Oscillator*, quarterly. Dues: \$10. Quarterly meetings, Spring Fever, and March meet.

**Puget Sound Antique Radio Association (PSARA).** PO Box 2095, Snohomish, WA 98291-0125. Pub: *The Horn of Plenty*, monthly. Dues: \$20. Monthly meetings & swap meets, Nov. show, & Aug. swap meet.

**Radio Enthusiasts of Puget Sound (REPS).** Bill Davies, 14911 Linden N., Seattle, WA 98133. Pub: *Air Check*, quarterly newsletter. Dues: \$18 (\$22 first year). Monthly meetings, annual Radio Showcase.

**Radio History Society, Inc. (RHS).** Museum and library in Bowie MD. Rusty Wallace, Membership Chair, 1205 Gladstone Dr., Rockville, MD 20851. Quarterly newsletter. Dues: \$20.

**Roanoke Antique Radio Enthusiasts (RARE).** Frank G. Smith, WPXR-TV 38, 3819 Bloonsboro Rd., Lynchburg, VA 24503.

**E. H. Scott Historical Society, Inc. (EHS)**. 3712 N. Broadway #4450, Chicago, IL 60613. Pub: *Scott News*, quarterly. Dues: \$20. Manuals, parts and service, Scott Video.

**Society for the Preservation of Antique Radio Knowledge (SPARK).** PO Box 292111, Kettering, OH 45429. Pubs: *The Electronic Collector (TEC)*, quarterly; *SPARK Notes*, monthly. Dues: \$12. Monthly meetings, quarterly swap meets.

**Society of Wireless Pioneers.** PO Box 86, Geysrvll, CA 95441. *The World Wireless Beacon*, quarterly; *Register*, bi-annually. Dues: \$15.

**South Florida Antique Radio Collectors.** Thomas Valenti, 1717 N. Bayshore Dr., Apt. #1549, Miami, FL 33132. Dues: \$25.

**Southeastern Antique Radio Society (SARS).** SARS, PO Box 1055, Tucker, GA 30085-1055. Pub: Newsletter, quarterly. Dues: \$12. Spring and fall swap meets. Monthly dinner meetings.

**Southern California Antique Radio Fest (SCARF).** c/o Jerry's Vintage Radio, 17665-1/4 Sierra Hwy., Canyon Country, CA 91351. Three swap meets a year — January, May and Sept.

**Southern California Antique Radio Society (SCARS).** Robert Schoenbeck, 9301 Texhoma Ave., Northridge, CA 91325-2330. Pub: *California Antique Radio Gazette*, quarterly. Dues: \$15. Quarterly meets in L.A. area and mini meets, two-day November meeting, annual auction.

**Southern Vintage Wireless Association (SVWA).** Jim Makar, 8224 Bailey Cove Rd. SE, Apt. 9, Huntsville, AL 35802. Pub: *SVWA Newsletter*, 3/year. Dues: \$5. Three swap meets.

**Texas Antique Radio Club (TARC).** Jim Moffett, 218 Shannon Lee, San Antonio, TX 78216. Pub: *Lone Star Waveform*, monthly. Monthly meetings.

**Tidewater Antique Radio Association (TARA).** Vic Johnston, 7 Hillcrest Cir., Hampton, VA 23666

**Tri-State Antique Radio Club.** Close to N.Y.C., all of N.J., Ct., L.I., upstate N.Y. and Pa. Bob Masterson, Box 172, Valley Cottage, NY 10989. Swap meets and education.

**Tube Collectors Association.** PO Box 1181, Medford, OR 97501. Pub: *Tube Collector*, 6 times a year. Dues: \$20.

**Vintage Radio & Phonograph Society (VRPS).** George Potter, PO Box 165345, Irving, TX 75016. Pubs: *The Reproducer*, quarterly. *Soundwaves*, monthly between the quarterly. Dues: \$13.50. Monthly meetings, spring auction, annual convention, summer swap meet.

**W. Va. Chapter, AWA (AWA-WVC).** Geoff Boume, 405 8th Ave., St. Albans, WV 25177. Newsletter, monthly. Dues: \$25 (includes museum membership). Quarterly meets, monthly meetings, classes.

**Wisconsin Antique Radio Club (WARC).** Dale Boyce, 10230 W. Greenwood Ter., Milwaukee, WI 53224-3716. Dues: \$12.

## FOREIGN CLUB LISTINGS

(Dues, when listed, are for U.S. membership. A.R.C. would like to hear about other foreign antique radio clubs.)

**Australia: Historical Radio Society of Australia (HRSA).** Membership Secretary, PO Box 2283, Mt. Waverly, Victoria, 3149, Australia. Pub: *Radio Waves*, quarterly. Dues: \$35 Australian. Monthly Meetings.

**Australia: North East Vintage Radio Club.** Monthly meetings at Wangaratta T.A.F.E. electronic unit. Info: Noel Meagher, 62 3149; Ian Milne, 62 5153; Rodney Champress, 62 1454 (all Benalia numbers).

**Belgium: Belgische Radio Club.** Francois Marschang, Kromvondreef 53, B-2900, Schoten, Belgium.

**Belgium: Vlaamse Liefhebbers Van De Historische Radiotechniek (VLHR).** Rudi Sillen, Limberg 31, B-2230, Herselt, Belgium. Pub: *Retro-Radio*, quarterly. Dues: \$20.

**Brazil: Antique Radios in Brazil.** João Mello, PO Box 101, São Roque, Brazil 18130-000.

**Canada: Canadian Vintage Radio Society (CVRS).** CVRS, 4895 Mahood Dr., Richmond, British Columbia V7E 5C3. Pub: *Radio Waves*, bimonthly. Dues: \$17 U.S. (\$21 Canadian). Bimonthly meetings. **Alberta Chapter/CVRS,** Rick Williams, Secretary CVRS Alberta, 9611 142 St., Edmonton, Alberta T5N 2M8. **British Columbia Chapter/CVRS,** Fred Tutt, 4895 Mahood Dr., Richmond, B.C. V7E 5C3. **Manitoba Chapter/CVRS,** Bob Murray, 3216 Assiniboine Ave., Winnipeg, Manitoba R3K 0B1. **New Brunswick Chapter/CVRS,** W.H. Gentleman, 17 Maple Cresc., Rothesay, New Brunswick E2E 2A4. **Newfoundland Chapter/CVRS,** Tasker Squires, 11 Gulliver, St. John's, Newfoundland A1E 4K5. **Nova Scotia Chapter/CVRS,** Brian McKeigan, 4 Baird St., North Sydney, Nova Scotia B2A 2B3. **Ontario Chapter/CVRS,** Bill Beaton, 79 Meadowlands Dr., Nepean, Ontario K2G 2R9. **Saskatchewan Chapter/CVRS,** Roy Sawley, Box 174, Melfort, Saskatchewan S0E 1A0. **Yukon and NWT Chapter/CVRS,** Hoby Irwin, 21 Hyland Cres., Whitehorse, Yukon Y1A 4P6.

**Canada: Range Land Collecting Club.** Doug Hart, 912 7A St. S, Lethbridge, Alberta T1J 2J2.

**Canada: Society for the Preservation of Antique Radio in Canada (SPARC).** Bruce C.E. Russell, 220-4411 Hastings St. E, Burnaby, British Columbia, Canada V5C 2K1. Pub: Periodic newsletters. Dues: \$12. Annual open house and show, periodic shows and displays, and museum.

**Canada, Ontario: London Vintage Radio Club (LVRC).** Dave Cantelon, 42 Clematis Rd., North York, Ontario, Canada M2J 4X2. Pub: *LVRC Newsletter "The Loudspeaker,"* bimonthly. Dues: \$15 Canadian. Six meetings yearly.

**Canada, Ontario: Ottawa Vintage Radio Club (OVRC).** Box 84084, 1974 Baseline Rd., Ottawa, Ontario K2C 3Y9. Pub: *OVRC*, quarterly newsletter. Dues: \$10. Monthly meetings.

**Canada, Quebec: Quebec Society for Vintage Radio Collectors (QSVRC).** SQCRA, 224 Decelles, Brigham, Quebec, Canada J2K 4S5. Pub: *Radiophilie Quebec*, bimonthly.

**Czech Republic: Historic Radioclub Ceskoslovensky (HRCS).** Dr. F. Perina, Prika 3495, CZ 76000 Zlin, Czech Republic.

**England: British Vintage Wireless Society (BVWS).** Mike Barker, 23 Rosendale Rd., West Dulwich, London,

SE21 805, UK. Pubs: *BVWS Bulletin*, quarterly; *BVWS Newsletter*, five times/year. Dues: £25. Meetings and swap meets.

**England: Eddystone User Group (EUG).** C/O Graeme Wormaud, 15 Sabrina Dr., Bewdley, Worcestershire, DY12 2RJ, England. Pub: *EUG Newsletter*, 6 per year.

**Finland: Radiohistorical Society of Finland.** Jukka Heino, Viikarinkatu 5, FIN-87150, Kajaani, Finland. Pub: Society magazine, quarterly. Meetings in October and March.

**France: Association des Amis du Musée de l'Electro-Acoustique les Radiophiles Français (A.E.A.).** Jean-Claude Montagné, President, 35 rue Salvador Allende, F92220, Bagneux, France. Pub: *Bulletin of the A.E.A.* Dues: \$46.

**France: Club Histoire et Collection Radio (CHCR).** Chez Gilbert Gorin, 3 rue Capitaine H. Maizan, 80160 Plachy-Buyon, France. Pub: *Telegraphie et Telephonie Sans Fil Electricite Ancienne*, quarterly. Library. Annual May event, Sept. event, meetings.

**France: Rétro-Phonia.** 7 rue Binaud, 33300 Bordeaux, France.

**Germany: German Society of Wireless History.** Prof. Otto Künzel, Belm Tannenhof 55, 7900 Ulm 10, Germany. Pub: *Funkgeschichte*, bimonthly.

**Hungary: Hungarian Radio Collectors Club:** Laszlo Koger, H-8900 Szekesfehervar Sajo U 9. Meetings twice a year, bi-monthly news.

**Holland: Nederlandse Vereniging voor de Historie van de Radio (NVHR).** Paulus Potterstraat 19, 6814 KT Amhem, Holland.

**Ireland: Irish Vintage Radio & Sound Society.** Henry Moore, 9 Aubum Close, Killiney, Co. Dublin, Ireland. Quarterly newsletter. 26 weekly and 6 monthly meetings.

**Israel: Antique Radio and Broadcasting Museum.** Museum in Tel-Aviv. Bruno Pinto, 24 Remez St., #7, Tel-Aviv, Israel 62192

**Italy: Associazione Italiana Radio d'Epoca (AIRE).** Nerio Neri, President, Via de Pellicceria 23, 52100 Arezzo, Italy. Pub: *Bollettino-Notiziario*, bimonthly.

**Japan: Antique Wireless Club (AWC).** Noriyoshi Tezuka, JA1NTF, Secretary AWC, 1-11-2-403 Hiroo, Shibuyaku, Tokyo 150, Japan. Monthly meetings and newsletter.

**New Zealand: New Zealand Vintage Radio Society (NZVRS).** David Crozier, 154 Grey St. Onehunga, Auckland, New Zealand 1006. *NZVRS Bulletin*, quarterly, monthly meetings. Dues: \$15.

**Norway: Norsk Radiohistorisk Forening (NRHF)** Maridalsvn. 256, 0872 Oslo, Norway. Pub: *Hallo Hallo* quarterly. Dues: \$40. Regular meetings every Tuesday and first Saturday of each month.

**Spain: Spanish Vintage Wireless Club (Asociacion Cultural Amicos de la Radio).** Rei Jaume, 55, 08840 Cardedeu, Spain.

**Sweden: The Radio-Historical Society in West-Sweden.** Anders Carlssons, Gata 2, 417 55 Guteborg, Sweden. Pub: *Audionen*. Amateur radio station: SK6RM. Museum.

**Switzerland: Club der Radio-und Grammosammler (CRGS).** Claude Meylan, Muehlemtatstrasse 25, CH-6004 Luzern, Switzerland. Quarterly newsletter.

## BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

### WANTED: Tube Hi-Fi Components of the 1950's and 1960's

Marantz - McIntosh - Western Electric  
Brook - Leak - Quad - Tannoy - RCA - Altec  
UTC - Fisher - Jensen - JBL - RCA - Hadley

Richard Sharisky  
P.O. Box 521  
Belmont, MA 02478

Tel: 617-484-5784  
Fax: 617-484-5784



Modern Radio Laboratories  
Since 1932

Crystal Set and One Tube Radio Instructions. Exclusive source, printing and publishing of all MRL Handbooks & literature by Elmer G. Osterhoudt. Tested instructions and plans.

Catalog \$2.00 ppd.

MODERN RADIO LABS  
P.O. Box 14902-T  
Minneapolis, MN 55414-0902



Internet Sales  
of Antique  
Radios

Terry Williams

2751 Caminito San Pablo  
Del Mar, CA 92014

Toll-Free: (888) 339-4517  
eFax: (603) 843-7903  
eMail: info@radioage.com  
Website: www.radioage.com

40 Years Experience



Tom's Antique Radio & TV

REPAIRS & RESTORATION ON ALL  
PRE 1960's - RADIOS & TV's  
ANY MAKE OR MODEL



THOMAS ROMANO  
8 HOWE LANE  
MILLBURY, MA 01527  
508-865-6293



THE RADIO MAN

Buy-Sell-Trade  
Antique Radios • Tubes • Parts

DICK MORGAN  
RES: (972) 564-6464

P.O. BOX 461485  
GARLAND, TX 75046-1485

TEL: (972) 276-5458  
FAX: (972) 272-1831

### WANTED TO BUY:

TUBE AMPLIFIERS FROM THE 1950s AND 1960s -  
MARANTZ - MCINTOSH - WESTERN ELECTRIC.  
SPEAKERS - TANNY, JBL, WESTERN ELECTRIC.

CASH PAID

GEORGE STAGAKIS  
1714A 41st St  
NORTH BERGEN, NJ 07047

TEL: (201) 867-9136  
FAX: (201) 867-4044

## BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

**BETA-TEK**  
**ANTIQUÉ RADIO SERVICE**  
 •Quality Repair & Restoration of Vacuum Tube Radios  
 •Free Estimates •Radios Bought & Sold •Battery Eliminators

**RAY BINTLIFF, W1RY**  
 2 Powder Horn Lane  
 Acton, MA 01720-2014  
 ☎ 978-263-7435  
 e-mail: w1ry@msn.com




(708) 383-1649  
BY APPOINTMENT

DO YOU HAVE  
A PROBLEM RADIO ?

**THE OLD RADIO SHOP**  
 SERVICE OF VACUUM TUBE ELECTRONICS  
 SCHEMATIC DIAGRAM SERVICE  
 RESTORATION OR REPAIR • FREE ESTIMATES

EO HUETHER

1025 ERIE ST  
OAK PARK, IL 60302




**Vintage Electronics**




**Phono  
Cartridges/Needles  
Center Post/Idlers  
45 Adaptors**

Phone: Mon.-Fri.  
8AM-5PM CST only

128 Buccaneer Drive Ed Crockett Phone (601) 264-4755  
 Hattiesburg, MS 39402 Fax (601) 264-0226

Fax Anytime

### RADIO BOOKS WANTED

Always buying: Books, Magazines or Manuals.  
 We have a large selection of books on Radio and related  
 Technology. Call or write for our List of Catalogs or  
 Visit our web site: <http://www.rainybooks.com>

### RAINY DAY BOOKS

**P.O. BOX 775, FITZWILLIAM NH 03447**  
**(603)-585-3448**

**ANTIQUÉ ELECTRONIC RESTORATION**  
 35 Years Experience  
 Radios • Juke Boxes • Vintage TV's  
 Repair • Buy • Sell  
 Complete Restorations • Auto and Home • Prompt Service

**COOPERS' RADIO SERVICE**  
 425 Court Street  
 Rockwell City, Iowa 50579

**LARRY COOPER**  
 712-297-7232



**Old Time Replications**

"TURN TO US WHEN YOU NEED KNOBS"  
 KNOBS • PUSHBUTTONS • ESCUTCHEONS  
 PLASTIC GRILLS • HANDLES

LARRY BORDONARO  
 5744 TOBIAS AVE. VAN NUYS, CA 91411  
 PHONE (818) 786-2500 • FAX (818) 909-0241  
 E-MAIL: [oldtimerep@aol.com](mailto:oldtimerep@aol.com)



All Tube Equipment Repaired



**"The Fisher Doctor"**  
 VINTAGE FISHER PRODUCTS  
 Bought • Sold • Traded • Repaired

Al Pugliese 718-948-7489  
 FisherDoc@aol.com

27 Daleham Street  
 Staten Island, NY 10308

**PHILCO PREDICTAS WANTED:**





BUY • SELL • TRADE • RESTORE  
 APPRAISALS / LECTURES GIVEN

DAVID WEDDINGTON 2702 Albany Ct.  
 (615) 890-7498 Murfreesboro, TN 37129

## RADIOGALLERY.COM

ANTIQUÉ RADIO, TRANSISTOR and WATCH SALES  
 "CLASSIC MODELS THAT WORK" / NEVER "as is" or "untested"  
 Big selection on the Internet at : [www.RadioGallery.com](http://www.RadioGallery.com)  
 Order On-Line... ALL MAJOR CREDIT CARDS WELCOME !  
 Scott Stambaugh  
 725 South 14<sup>th</sup> Street Lebanon, Pa. 17042  
 E-MAIL : [Scott@RadioGallery.com](mailto:Scott@RadioGallery.com)

Free Estimates  
 Hrs - 9 AM - 5 PM EST  
 Tues. - Sat

Tel./Fax (860) 928-2628  
 E-Mail [radiodoc@meca.com](mailto:radiodoc@meca.com)  
<http://users.meca.com/radiodoc/>

**ANTIQUÉ RADIO  
RESTORATION & REPAIR**  
 1920 - 1960's

Reasonable Rates, Tubes, Professional  
 Overhauls, Cabinet Refinishing Service  
 For All Antique Car, Table & Console  
 Radios, Communication Receivers &  
 Tube Amplifiers

20 Gary School Road  
 Pomfret Center, CT 06259

**BOB ESLINGER**



### WANTED! WW-2 Japanese Military Radio

**Takashi Doi**  
 Fax: 011-8145-301-8069  
 E-Mail: [takadoi@carrot.ocn.ne.jp](mailto:takadoi@carrot.ocn.ne.jp)  
 1-21-4, Minamidai, Seyaku, Yokohama, 246 Japan.



Cayce Vintage Sound Company (803) 791-0733

Your complete source for

## Leatherette

"Black Stag" style leatherette stocked  
 Others available by special order

Scott McAuley LSASE for samples  
 117 Sandy Lane cavisco@aol.com  
 Cayce, S.C. 29033 Expert Vintage Electronic Repair

# BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

## Antique Radio & Television

Visit our shop in downtown New London

15 Green St., New London, CT 06320

[www.tuberadiorepair.com](http://www.tuberadiorepair.com)

(860) 442-0233  
William Morse

Mon.-Sat. 11 am to 7

## Great Northern Antiques

We Buy and Sell  
Antiques-Collectibles-Advertising  
and Vintage Radios

Alan Jersperson  
5200 Bloomington Ave. S  
(4 blocks west of Cedar Ave)  
Minneapolis, MN 55417

TEL (612) 727-2489  
FAX (612) 821-4821  
E-Mail: [mte812@aol.com](mailto:mte812@aol.com)

## Ken's "Antique" Electronics

We Buy • Sell • Repair

Antique Radios • Jukeboxes  
Hi-Fi Stereo • Auto Radios

"We Specialize In Tube Equipment"



871 River Rd  
Eugene, OR 97404

541-485-8676  
FAX 541-689-6316  
Email [kszenith@webtv.net](mailto:kszenith@webtv.net)

## TEST EQUIPMENT

BUY - SELL - TRADE

Parts - Manuals - Books

Boca Electro Magnetic Lab  
22340 Greentree Circle  
Boca Raton, FL 33433

(561) 750-8911

[bocalab@bellsouth.net](mailto:bocalab@bellsouth.net)



## MIDWEST ANTIQUE RADIO SERVICE

Repair and restoration  
for all vacuum tube  
home and auto radios



Also, Transmitters  
and Rider's  
Schematics  
All work guaranteed

22164 Fleming Ave  
Tomah, WI 54660  
(808) 372-0716

or E-mail [RHODESL@MWT.NET](mailto:RHODESL@MWT.NET)

Find us On the Web at [www.mwt.net/~rhodes/](http://www.mwt.net/~rhodes/)

## Jackson Speaker Service

Expert Antique Loudspeaker  
Repair And Reconing

No Field Coil Repairs

Service On Virtually Any Speaker Made Including

Stereo, P.A., And Antique Auto Speakers

217 Crestbrook Dr

Owner

Jackson, Mich 49203

Ron McGee

Ph - (517) 789-6400, Ans 4th ring

Fax (517) 788-6558



## CRYSTAL SETS

PARTS - PLANS - KITS - BOOKS

CATALOG \$2.00

Largest source of Vintage and New Variable  
Air Condensers, Variometers, Vario-Couplers,  
Tap Switches, Tap Points, Galena and  
Germanium Detectors, Detector Stands, Cat  
Whiskers, Terminals, Sliders, Headsets, Dial  
Knobs, Coil Forms, Magnetic Wire, etc.

B. TURKE

PMB #270  
5030 Champion Blvd G-6  
Boca Raton, FL 33496  
(561) 276-3415  
B.A. Turke, Ph.D.E.E.



If you buy, sell or like Jukeboxes you need  
**ALWAYS JUKIN - THE MONTHLY JUKEBOX  
MAGAZINE!!** Subscribers in 25 countries,  
**ALWAYS JUKIN LEADS THE WAY:** Articles,  
photos, show reports, ads, new products,  
price guides, restoration tips, repairs -  
everything you need to know about JUKE-  
BOXES - the fastest appreciating collectible in  
the world!!! Fun & a great investment.

Sample Copy, \$3. \$36 per year.

ALWAYS JUKIN, 1952 1st Ave. S, Ste. #6AR,  
Seattle, WA 98134, (206) 652-4005.

Fax (206) 652-4007  
Master/Visa OK

## LOGANS RADIO SERVICE

724-837-5580

BUY • SELL • TRADE • WHEEL AND DEAL

N.O.S. BLACK/WHITE PICTURE TUBES

40's-70's

FOR SALE, CALL OR WRITE

SERVICE AND RESTORATION SINCE 1952

REAR 526 Mt. Pleasant St., GREENSBURG, PA 15601

## Antique Radio & TV Repair

Repair & Restore of Vacuum Tube Electronics

Bill Christie, KB3DCS

2208 Persimmon Dr.

Coatesville, PA 19320

Ph: 610-486-6820

E-mail: [christiew1@prodigy.net](mailto:christiew1@prodigy.net)

I accept work from all states via UPS or USPS

## Erstwhile Radio Brings You

Oldtime Radio Broadcasts on Cassettes

5,700+ Shows Available - Purchase By The Hour

Catalog is Only \$2.00 (P & H) - Send To:

Erstwhile Radio

P.O. Box 2284

Peabody, MA 01960-7284

Your Ticket To The Golden Age of Radio



## WAVES

ANT QUES  
EARLY RADIOS  
&  
PHONOGRAPHS  
BOUGHT • SOLD  
RENTALS • REPAIRS

MON-SAT 11-5  
SUN CLOSED

FAX 201-461-7121  
E-MAIL: [c11@waveradio.com](mailto:c11@waveradio.com)  
[WWW.WAVERADIO.COM](http://WWW.WAVERADIO.COM)

251 W 30 ST., NY, NY 10001 212-273-9616  
PROPRIETORS BRUCE AND CHARLOTTE MAGER

**BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS**



**ARBE-III  
Universal  
Battery Eliminator**



Visit us on the web at  
[www.bc-city.com/antiqueradiosinc](http://www.bc-city.com/antiqueradiosinc)

David & Nancy Snow, PO Box 6352,  
Jackson, MI 49204. (517) 787-2985

**ANTIQUÉ RADIO REPAIR**

*Repair - Restore - Buy & Sell*

Schematic Service

Radios \$2.<sup>50</sup>, TVs \$4.<sup>50</sup>

**DAMASKE ELECTRONICS**

574-W16834 Janesville Road

Muskego, WI 53150

Phone: (414) 679-0838



1298 SE 5th Avenue  
PO Box 1939  
Melrose, FL 32666  
Phone: (352) 475-1950  
Fax: (352) 475-1128

**RADIO ELECTRIC SUPPLY**

We Specialize In Receiving and Special Purpose Tubes

Buy and Sell

Don and Dorothy Gies

<http://www.vacuumtubes.net>  
E-mail: [tubes@mindspring.com](mailto:tubes@mindspring.com)

**FOR SALE:** Just released, Flyer **200**.

For details send **2-stamp LSASE**  
for 20-page flyer to:

**Olde Tyme Radio Company**  
2445 Lyttonsville Road, Suite 317  
Silver Spring, MD 20910

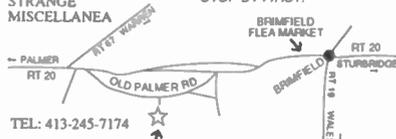
Fax/phone: (301) 587-5280

Fax anytime, phone 10 am-10 pm local time

E-mail: [oldetymeradio@juno.com](mailto:oldetymeradio@juno.com)

RADIOS &  
STRANGE  
MISCELLANEA

IF YOU VISIT THE BRIMFIELD FLEA MARKET...  
STOP BY FIRST!



TEL: 413-245-7174

COUNTRY ROAD BARN - BERNIE SAMEK  
OLD PALMER ROAD, BRIMFIELD, MASS.

Proud Member of *"The Early Soundman"* Satisfaction  
AWA & NAPS JOHN P. ANDOLINA JR. 15 Guaranteed

**ANTIQUÉ  
PHONOGRAPHS**



COLLECTOR & EXPERT IN RESTORATION  
OF SPRING WOUND CYLINDER & DISC  
PHONOGRAPHS. SUPPLIER OF NEEDLES,  
MAIN SPRINGS, ORIGINAL & REPRODUCTION  
PARTS.

Honest, Friendly  
Advice

28 Glen Oaks Drive  
Rochester, NY 14624  
(716) 247-3688

Specialist in  
Reproducer  
Rebuilding

E-mail: [rysdnrm@rochester.rr.com](mailto:rysdnrm@rochester.rr.com)

Fine Quality Reproductions - Addition to Zenith - SASE for List

**DECALS &  
DIAL SCALES**

Rock-Sea Enterprises  
PMB 241  
323-110 E. Matilija St.  
Ojai, CA 93023

Mike Tobin  
(805) 646-7362  
dials@juno.com

<http://members.aol.com/RockSeaEnt>



"The Home of Mr. Happy Tube"

Paul and Robin  
phone 414 964 3392  
fax 414 964 3393

**PR NOVELTY**

VACUUM TUBE SPECIALISTS  
(New Old Stock and Used)  
Juke Box Amplifier Rebuilding

PO Box 140 Milwaukee WI 53201  
email [prnovelty1@earthlink.net](mailto:prnovelty1@earthlink.net)

[www.prnovelty.com](http://www.prnovelty.com)

Hear and compare 12 classic broadcast microphones.  
See their interior construction.

**CLASSIC MICROPHONES**

from the GOLDEN AGE OF RADIO

Video Vol. I \$45.<sup>00</sup>

Western Electric 618, 630, 633, 639  
RCA 50A, 88A, BK-1A, 44BX, 74B 77C, D, DX, KB-2C, BK-5A



**HIGHLAND LABORATORIES**

747 Front Street, #202, San Francisco CA 94111

Tel (415) 981-5010 Fax 981-5019



**ESTES AUCTIONS**

Specializing in Vintage Radios

7404 Ryan Rd  
Medina, Ohio 44256

Bus Phone 330-769-4992  
Fax 330-769-4116  
Res Phone 330-769-3987

**WANTED**  
PRE 1900  
ELECTRICITY  
MEDICAL • X-RAY  
TELEGRAPHY • TELEPHONE  
PRE 1925  
RADIO • WIRELESS  
PRE 1940  
TELEVISION



**NEW WIRELESS  
PIONEERS**

P.O. BOX 398  
ELMA, NY 14029  
716-681-3186  
FAX: 716-681-4540

BOOKS • TUBES • ARTIFACTS  
MAGAZINES • AUTOGRAPHS  
CATALOGS • EPHEMERA



**STEINMETZ ELECTRONICS**  
7519 MAPLEWOOD AVENUE  
HAMMOND, INDIANA 46324  
YES! "WE'RE STILL HERE"

**TUBES  
SCHEMATICS  
SASE FOR LISTS (219) 931-9316**

# Millennium Special

## Back Issues — 60% Off — \$2.00 Each

### Full Calendar Years

*A sampling of articles and topics is listed below.*

*(12 issues in all years except 1984. All originals except for June 1984 through March 1987)*

- 1984 A.R.C.'s First Year. The June Sample Copy plus September-December. First Kreuzer's Value Guide,\* Heathcote's Collectors' Corner, Crocker's Crosley Review,\* With The Collectors\* and Meet Reports.\* (5 Issues. Photocopies; 16-20 pgs.)..... \$10
- 1985 First Photo Review,\* Radio Novelties,\* Collector Profile,\* Telegraph Key Review,\* Crystal Set Review\* and Atwater Kent Breadboard Review.\* Also Value Guide A-T, Penna Wireless, Marconi 106, WD-11. (Photocopies; 20-24 pgs.)..... \$24
- 1986 First Collecting British Crystal Sets.\* Collectors' Corner, Value Guide S-Z, Horn Speaker Values, Speaker Review, Precision Ace, Quaker Oats Crystal Set, HQ-120X, First Issue Published by John Terrey. (Jan.-Sept. Photocopies; Oct.-Dec. reprints; 24-28 pgs.)..... \$24
- 1987 First full-color covers. First Foster's Restoration Topics,\* Vintage Television.\* Philco 38-3, EHScott 48-Tube Set, Marconi Multiple Tuner, Vacuum Tube Value Guide, Freed Eisemann, Crosley Pup, Fada Bullet, Vitus, Sparton Mirrored Radios. (Jan.-Mar. reprints; Apr.-Dec. originals; 32-36 pgs.)..... \$24
- 1988 First Old Tyme Radio Services Directory,\* Jim Fred's Repairing AC Radios,\* Vintage Test Equipment.\* Also DuMont Clifton TV, Mechanical TV, Aeriola Senior, A-K Model 20, Kennedy 220, Philco Predictas, Marian and Gem Crystal Sets. (40-60 pgs.)..... \$24
- 1989 Automatic Radio, Clapp-Eastham HR/HZ, Mechanical TV,\* Western Electric 1920-1927, Radiola 44, Ace Radio Repair on June cover, Arvin & the Hopalong Radio, Magnavox TRF-5, A-K Crystal Set, A-K 9A, Philco Block Capacitors, Marconi 106D, Patterson PR-10, Oriole 7B. (52-68 pgs.)..... \$24
- 1990 First Radio Adventures.\* Also California Earthquake, Transistor Radios, Cleaning Bakelite, EH Scott Telematic, Ekco Round Radios, Radiola Grand, Horn Speaker Survey, Atlantic Radio, GE 901 TV, Philco Block Capacitors, Tuska 224, RCA 816K, RCA Theremin. (68-92 pgs.)..... \$24
- 1991 First Collecting Foreign Sets,\* Out-Of-Sight Radios, Philco 20, 90, Wilcox-Gay Recordio, A.R.C. Index '84-'90, Westinghouse RC-RA-DA-DR-RT-AR, Radio Stock Certificates, German Radios, Subminiature Tube Radios, Early Navy Radio Equipment, Gonset. (84-100 pgs. Index Issue is 148 pgs.)..... \$24
- 1992 Vintage Microphones, Gonset, Early Navy Equipment, Superhets of the 20s,\* The Neurodyne, Telmaco, Atlantic Radio, Vintage Hi-Fi, Battery Eliminators, Radio Fans, A-K 35, RCA 648PTK TV, Repairing IF Transformers, Paragon RA-10/DA-2, A-K 21, 33, WLW, 1991 Index. (88-104 pgs.)..... \$24
- 1993 Arvin Metal Radios, Repairing RCA Catacombs, Philco Armchair Radios, Kenrad Crystal Set, Transistor Radios, A-K 52, Philco Cabinet Design,\* Webster Electric Co., Klycon Electrostatic Speaker, Vintage Guitar Amp, Tower Cone Speakers, EH Scott Allwave. (100-104 pgs.)..... \$24
- 1994 Radiola I, Radiola 60 series, Pot Metal, Fada Neurodyne, Clinton Mfg. Co., Kardon Radios, Philco Cabinet Designers, Palco, SCR-609 & 610, Philco Survey, Permeability Tuning, Weston, Regency TR-1, Charles Herold, Nipper, 1993 Index. (100-116 pgs.)..... \$24
- 1995 Zenith Trans-Oceanic, Steinway Capehart, Ken-Rad, Radio Shop J, Freshman Master Speaker, Broadcast Equipment, Philco Survey, Power Transformers, Tube Testers,\* Radio Apparatus Co., L.E. Knott Apparatus Co., Ford Museum Auction in color, Ozarka, 1994 Index. (108-116 pgs.)..... \$24
- 1996 Communications Receivers, KDKA, Philco Designers, Radiola IV, WJZ, Art Deco Radios, Herold Microphone, Tuning Battery Sets, Paul Godley & Paragon, Soldering, Webb Microphone Collection, Mirrored Glass Radios, Samson Electric Co., Russian Red Star, Echophone EC-1. (100-116 pgs.)..... \$24
- 1997 Thompson Minuet, Marconi Archive Auction Saga, Frank Krantz, Emerson Multivalve Radios, De Forest Detectors & Tuners, Remote Control Radios, Ekko Stamps, Freshman Polydyne, Vintage Audio Recorders, Selenium Rectifiers, DeForest Reflex Sets, Early Zenith. (100-116 pgs.)..... \$24
- 1998 Sears Commentator, 300B Tube, Replica Nameplates, Australian Radios, WMAZ, Espey, Nipper, Early Wireless, Rider's Volume 1, Pilot Radio, Browning-Drake, Army-Navy Numbering System, Cortlandt Street Radio Row, Pooley Co., Transistor's Early History. (100-108 pgs.)..... \$24
- 1999 Reinartz Receiver, Cone Ship Speakers, The Internet, WebTV, Military Equipment, Krantz Estate Auction, Atwater Kent Time Capsule, Atwater Kent Radiodyne, RCA Radiolas for 1923/24, 15th Year Special Issue, Australian Pedal-Operated Radio, Early RCA TV, Battery Set Power Supplies. (100-108 pgs.)..... \$24

\* These articles continued for one or more years and some continue today.

*Millennium Back Issue Special: U.S. Orders - Above prices include shipping. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Money back return policy. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Non-U.S. orders - write for shipping costs, or use VISA or MasterCard and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

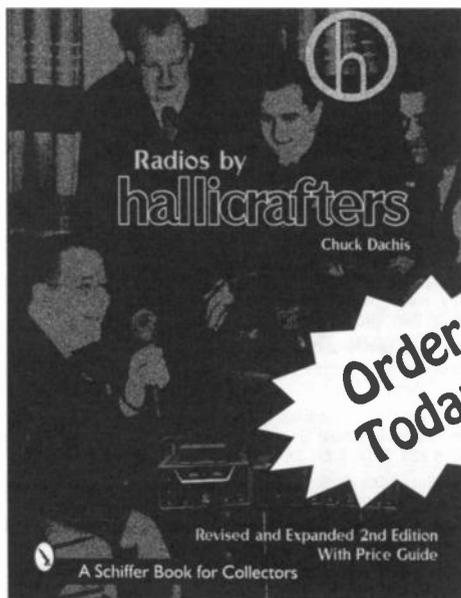
**Fax: (978) 371-7129 - E-mail: ARC@antiqueradio.com - Web: www.antiqueradio.com**



(Jan-00)

# *Radios by Hallicrafters, 2nd Ed.*

By Chuck Dachis



**Over 1,000 Photos  
Additional Coverage of Receivers  
6 Additional Pages of Special Purpose  
and Prototype Items**

**Updated Pricing**

**\$29.95 - Softcover**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

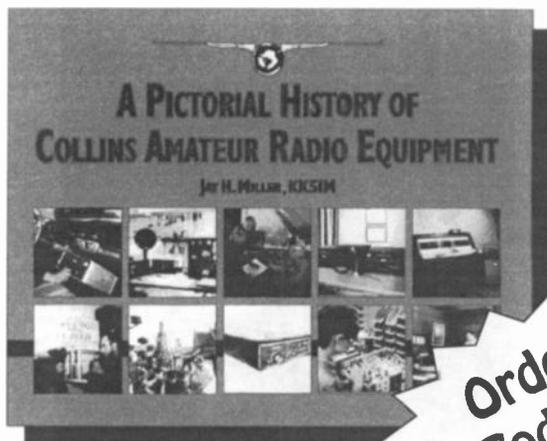
**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# *A Pictorial History of Collins Amateur Radio Equipment*

By Jay H. Miller, KK5IM



**Order  
Today!**

**Early Gear, War and Recovery  
History of SSB Development  
The Full Story of the S-Line  
Never Before Told Stories  
100s of Original Photos – Many Full Color  
Fully Indexed – 175 Pages**

**\$39.95**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

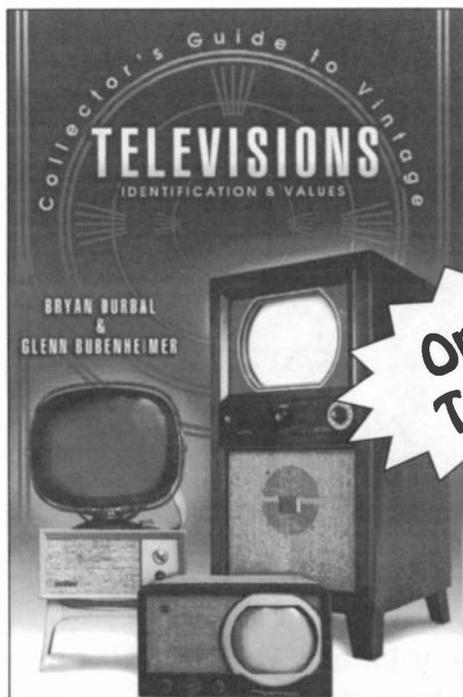
**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# Collector's Guide to Vintage Televisions

By Bryan Durbal and Glenn Bubenheimer



**Order  
Today!**

**Identification & Price Guide  
1,400 Vintage TV Sets from 1945-1960  
Transistor TV Sets through 1980  
200+ full color photographs  
176 pages**

**\$15.95 - Softcover**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# Radio Manufacturers of the 1920's

BY ALAN DOUGLAS



*"The definitive book on American broadcast receivers of the 1920s"*

**Volume 1:** A-C Dayton - Adams Morgan - Air-Way - All-American Mohawk - American Bosch - Amrad - Amrad S-Tube - Apex - Atwater Kent - Bremer Tully - Browning-Drake - Clapp-Eastham - Crosley - Cutting & Washington - Day-Fan - DeForest - Eagle - ERLA - FADA - Federal - Ferguson. 225 Pages.

**Volume 1: \$24.95 - Softcover Only**

**Volume 2:** Freed-Eisemann - Eisemann - Freshman - Garod - Gilfillan - Grebe - Howard - Jones (Lester/Melco) - Jones (Jos.) - Kellogg - Kennedy - King - Kodel - Kolster - Leutz - Magnavox - Majestic - Marti - Metro - Klitzen/Michigan - Midwest - Mu-Rad - Murdock - Music Master - Neutrowound - Operadio - Ozarka - Pfanstiehl - Philco - Pilot - Priess. 266 Pages.

**Volume 2: \$29.95 - Softcover Only**

**Volume 3:** RCA - Scott - Silver-Marshall - Slagle - Sleeper - Sonora - Sparton - Splitdorf - Steinite - Stewart-Warner - Stromberg-Carlson - Thermiodyne - R.E. Thompson - Thorola - Tri-City - C. D. Tuska - Ware - Western Coil - Western Electric - Workrite - Zenith. 292 Pages.

**Volume 3: \$29.95 - Softcover  
\$39.95 - Hardcover**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

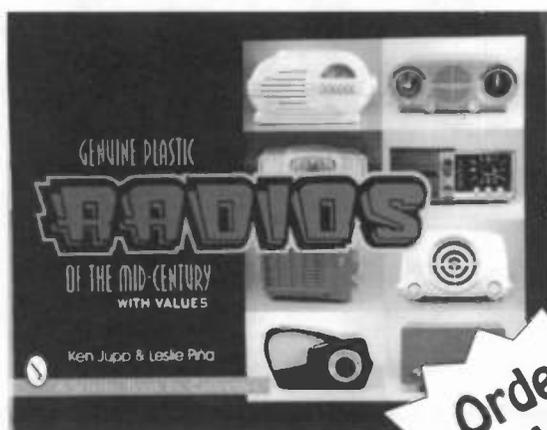
**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(J.L.F-00)

# *Genuine Plastic Radios of the Mid-Century*

By Ken Jupp & Leslie Piña



**Order  
Today!**

**55 Manufacturers from Admiral to Zephyr  
Table Models – Portables  
439 Color Photos – Price Guide  
Advertisements**

**\$39.95 - Hardcover**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(JUL-00)

# Amateur Radio Books



**COMMUNICATIONS RECEIVERS**  
4th Edition



By Raymond S. Moore

**Communications Receivers 4th Edition** by Raymond S. Moore. A comprehensive guide to 750, 1932 to 1981, vacuum tube receivers by 66 manufacturers. Three pages of military receivers. 448 radios pictured! Sharper, clearer photographs. 8 1/2" x 11", 136 pages. Softcover. — **\$19.95**

**Heathkit, A Guide to the Amateur Radio Products** by Chuck Penson. Documentation of ALL Heathkit's amateur products. 200+ sharp photos. Most products are pictured with a full-page description. 8 1/2" x 11", 256 pgs. Softcover. — **\$24.95**



BY CHUCK PENSON



**The Pocket Guide to Collins Amateur Radio Equipment 1946-1980** by Jay Miller. A pictorial guide to Collins equipment and accessories. 90+ sharp photographs. 3 1/2" x 7". 108 pages. Softcover. — **\$19.95**

**Radios by Hallicrafters, 2nd Ed.** by Chuck Dachis. This book includes over a thousand photographs (b/w & color) of radio receivers, transmitters, electronics accessories and advertising material. Technical descriptions are provided for every known Hallicrafters model, including dates of production, model numbers, accompanying pieces and original prices. This 2nd edition includes additional coverage of receivers and updated pricing. 8 1/2" x 11", 225 pages. Softcover. — **\$29.95**



Price Guide



**Shortwave Receivers Past & Present Communications Receivers 1942-1997, 3rd Edition** by Fred Osterman. This book is designed for the radio collector, the informed receiver buyer or anyone interested in the history and development of shortwave radios. Over 770 receivers from 98 manufacturers. 8 1/2" x 11", 473 pages. Softcover. — **\$24.95**

**Ham Price Guide, 2nd** by Eugene Rippen. Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 8 1/2" x 11", 81 pages. Softcover. — **\$10.95**



Ham Price Guide 2nd

NEW

Price Guide

## Tube Type Transmitter Guide



MANUFACTURED Pre-built and kits from 1932 to 1970 using all of readily gotten

By Raymond S. Moore

**Tube Type Transmitter Guide** by Eugene Rippen. Provides a wealth of information on transmitters and transceivers. Includes ancillary items such as linear amplifiers, converters, modulators and VFOs. Over 500 illustrations. 8 1/2" x 11", 145 pages. Softcover. — **\$17.95**

**Transmitters, Exciters & Power Amplifiers 1930-1980** by Ray Moore. Pictorial and descriptive guide to amateur high frequency transmitters and amplifiers manufactured in the U.S.A. Over 500 photos. 8 1/2" x 11", 144 pages. Softcover. — **\$21.95**

## TRANSMITTERS EXCITERS & POWER AMPLIFIERS 1930-1980



By Raymond S. Moore

**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, and use credit card and specify air or surface (allow 2-3 months for surface shipping).



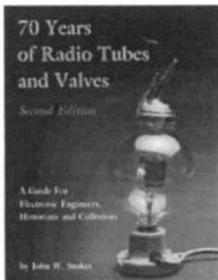
**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



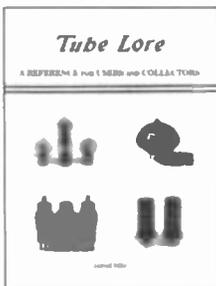
(Jul-00)

# Books About Tubes



**70 Years of Radio Tubes and Valves, 2nd Ed.**, Stokes. *The thermionic vacuum tube story from 1883 through 1960. New chapter on audio application tubes, more photos, magazine ads and a new index by tube number.* 264 pgs. — \$29.95

**75 Years of Western Electric Tube Manufacturing**, Magers. *A log book history. 750+ WE tubes. Illustrated.* 133 pgs. — \$16.95

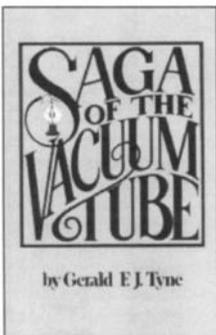


**Tube Lore**, Sibley. *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales.* 186 pgs. — \$19.95

**Radio Tubes and Boxes of the 1920s**, Fathauer. *A pictorial presentation of radio tubes of the 20s, including packaging and advertising. Over 400 color photos and illustrations.* 105 pgs. **NEW** — \$26.95



**NEW**



**Saga of the Vacuum Tube**, Tyne. *The development of vacuum tubes - 1880 to 1930. From Edison, Thomson and Fleming to DeForest, Philips, Siemens and many more.* 100+ tube photos. 495 pgs. — \$18.95

**TubeData**, Holm. *The most comprehensive list of vacuum tubes and data in an easy-to-use program for PCs. 27,000+ tubes, includes receiving and transmitting tubes. Lists function, manufacturer, technical data, & more (3 1/2" disk).* — \$39.95



**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



(Jul-00)

# Radios

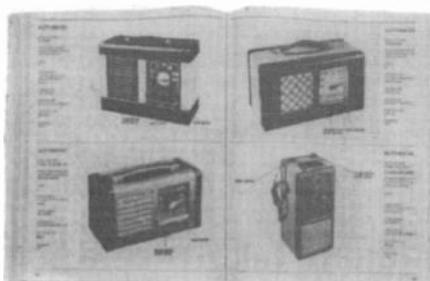
of the Baby Boom Era

Four Volumes Available — 2000 pages — From Sams' Archives  
 1946 to 1960 — 274 Brands — 3494 Illustrations (B&W)  
 6769 Models — Catalin, Bakelite, Wood, Transistor Radios & More



Vol.	Brands	Included
1	56	Admiral to Clearsonic
2	54	Co-op to Gelsco
3	58	GE to Monitoradio
4	36	Motorola to RCA Victor
5	35	Realtone to Stratovox
6	35	Stromberg-Carlson to Zenith

All Vols. Out of Print. Limited stock available.  
 Vols. 1 and 4 Out of Print & Unavailable.



## 1/2 Page for each illustrated radio including:

- Large illustration of the radio including knob functions
- Short description of the radio
- Number of tubes
- Power supply type (AC, Battery, etc.)
- Tuning range
- Manufacturer
- Sams Photofact Set number & year Photofact published.

Each Volume: \$16.95 – Softcover  
 8 1/2" x 11" – Approx. 328 pages

## ALSO

- Index by model number listing tubes in radio
- List of similar radio models indexed to pictured radio
- List of manufacturers and suppliers indicating their brand names
- Basic trouble-shooting hints

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



6/04-00

# Zenith Transistor Radios Evolution of a Classic

By Norman Smith



**Order  
Today!**

**Includes all Zenith Transistor Radio Models  
from 1955 through 1965**

**200+ Color Photographs — Price Guide**

**Photographs, Documents & Original Drawings  
from Zenith Archives**

**\$29.95 - Softcover**

**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# Transistor Radio Books



**The Collector's Guide to Transistor Radios 2nd Edition** by Marty & Sue Bunis. *This book will help you identify the most sought-after vintage transistor radios. Over 2,900 models listed, all with current prices. Includes radio club listing. 375 all new color photos. 5 1/2" x 8 1/2". 320 pgs. 1996. Softcover. - \$16.95*

**Price Guide**

**Transistor Radios: 1954-1968** by Norman Smith. *Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. 460+ color photographs and price guide. 8 1/2" x 11". 160 pgs. Softcover - \$29.95*



**Price Guide**



**Transistor Radios, A Collector's Encyclopedia and Price Guide** by David Lane & Robert Lane. *Identification & price guide to over 2,500 transistor and novelty radios. History & key to collecting chapters. 8 1/2" x 11". 170 pgs. Softcover. - \$19.95*

**Price Guide**

**Collector's Guide to Novelty Radios** by Marty Bunis & Robert Breed. *This book is the source for novelty transistor radios in all shapes and sizes. Radios are described in detail with current prices. Over 600 color photographs. 8 1/2" x 11". 224 pgs. Softcover - \$18.95*



**Price Guide**



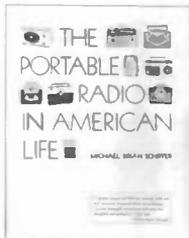
**Collector's Guide to Novelty Radios, Book II** by Marty Bunis & Robert Breed. *All new second volume takes up where the first book left off. New radios are described with current prices. Over 600 all new color photographs. 8 1/2" x 11". 208 pgs. Softcover - \$19.95*

**Price Guide**

**Zenith Transistor Radios, Evolution of a Classic** by Norman Smith. *A complete listing of all transistor radio models created by Zenith during the Magic Years from 1955-65. 200+ color photographs and price guide. 8 1/2" x 11". 160 pgs. Softcover - \$29.95*



**Price Guide**



**The Portable Radio in American Life** by Michael Schiffer. *Approximately 50 pages on transistor radios, beginning with the Regency TR-1 through to the later sets made overseas. 450 photographs, 193 transistor radios pictured. 8 1/2" x 11". 259 pgs. Softcover - \$26.95 Hardcover - \$45.00*

**Everything stocked and shipped promptly - Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 - E-mail: ARC@antiqueradio.com - Web: www.antiqueradio.com**

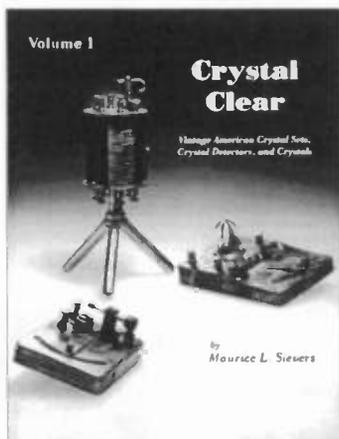


(Jul-00)

# CRYSTAL CLEAR

By Maurice L. Sievers

## Volume 1



750 Illustrations – 570 Crystal Sets  
341 Detectors – 207 Crystals  
Perfect for the beginning collector!  
Useful for the experienced too!

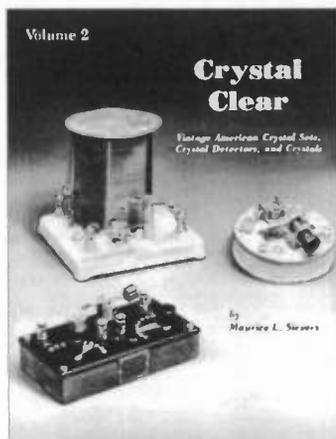
*Crystal Clear* is the most comprehensive reference for collectors, historians and anyone interested in early radio. In addition to the many excellent photos and reproductions of ads, *Crystal Clear* includes lists showing all sets by manufacturer, set name, selling price and date of manufacture. 8 1/2" x 11", 282 pages.

**\$29.95 – Softcover**

## Volume 2

*Crystal Clear, Vol. 2* supplements the first volume. It identifies an additional 172 crystal radio sets, 91 crystal detectors and 26 crystals by manufacturer, model, year produced, description and original selling price. Further research on many of the crystal sets covered in Volume 1. Detailed history on the Philmore Manufacturing Company and the Western Manufacturing Company. 8 1/2" x 11", 252 pages.

**\$29.95 – Softcover**



**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

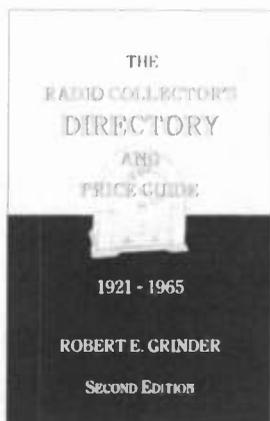
**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# *The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.*

*by Robert E. Grinder*



## **20,000+ Models Listed**

**U.S. models manufactured from 1921-1965.**

**Listing includes:**

*Model Name,  
Year of Production,  
Type of Power,  
Cabinet Style, and  
Current Market Value Range.*

**Rewritten Chapters On:**

*Early Broadcasting,  
Radio Broadcasting Regulation,  
Advances Made in Receivers,  
The Evolution of Radio Cabinet Styles.*

**\$26.95 - Softcover**

---

**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



(Jul-00)

# ***Shortwave Receivers Past & Present Communications Receivers 1942-1997 3rd Edition***

By Fred Osterman



**840 Photographs — 473 Pages  
Features Over 770 Receivers from  
98 American and International Manufacturers**

***NEW Edition***

***270 More Receivers!***

***28 More Manufacturers!***

***122 More Pages!***

**\$24.95 - Softcover**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# Collector's Guide to Novelty Radios Book II

By Marty Bunis & Robert Breed



Order  
Today!

**All New Second Volume  
600+ Color Photographs  
Price Guide**

**\$19.95 - Softcover**

Collector's Guide to Novelty Radios by Bunis & Breed, First Volume – \$18.95

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# Transistor Radios: 1954-1968

By Norman Smith



**Over 1,000 Transistor Radios  
460+ Color Photographs  
Price Guide**

**\$29.95 - Softcover**

**Everything stocked and shipped promptly – Radio is our middle name.**

*U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).*



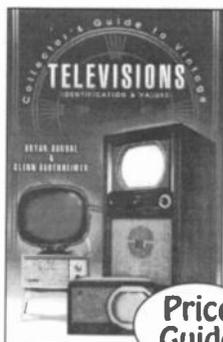
**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: [ARC@antiqueradio.com](mailto:ARC@antiqueradio.com) – Web: [www.antiqueradio.com](http://www.antiqueradio.com)**



(Jul-00)

# New Books for the Collector



**Collector's Guide to Vintage Televisions** by Bryan Durbal and Glenn Bubenheimer. Includes information about the size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs from 1945-1960 and transistor sets through 1980. 200+ full color photos. 5 1/2" x 8 1/4", 176 pages. Softcover. NEW. — \$15.95

Price Guide



**Radio Tubes and Boxes of the 1920s** by George Fathauer. A pictorial presentation of radio tubes of the 20s, including packaging and advertising. Over 400 color photos and illustrations. 8 1/2" x 12", 105 pages. Softcover. NEW. — \$28.95



**Zenith Radio: The Early Years 1919-1935** by John Bryant and Harold Cones. The first of a planned 3-book series explains the Zenith story. Never published photos, documents, and information. 300 photos and illustrations, 120 in color. 8 1/2" x 11", 224 pages. Softcover. — \$29.95

Price Guide

**A Pictorial History of Collins Amateur Radio Equipment** by Jay Miller. The most complete story of Collins. Told in hundreds of photos & in the words of the men who made it happen. NEW. — \$39.95



**Radios: The Golden Age** by Philip Collins. Colorful Catalin and Bakelite radios from the late 1930s to the early 1940s. Over 100 color photos. 10" x 8 3/4". 119 pages. Hardcover. — \$12.98

**Genuine Plastic Radios of the Mid-Century** by Ken Jupp and Leslie Piña. Illustrates mid-century table radios made of plastic as examples of industrial design and pop-culture. Vintage B&W photos and advertisements. 439 color photos. 8 3/4" x 11 1/4", 208 pages. Hardcover. — \$39.95

Price Guide



**Everything stocked and shipped promptly – Radio is our middle name.**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



(Jul-00)

# COLLECTOR BOOKS AVAILABLE FROM A.R.C.

BOOKS MARKED WITH "☞" ARE THE MOST POPULAR AND ARE ESPECIALLY RECOMMENDED FOR NEW COLLECTORS!

- Antique Radio Restoration Guide, 2nd Ed.,** Johnson. *Beginner's introduction to troubleshooting and repairing AC table model radios.* 1992. 145 pgs. .... \$14.95
- The AWA Review, Vol. 8:** *Hawaiian Wireless, U.K. TV, SCR-RC-BC Dir., NYC Wireless, etc.* Vol. 7: *Poldhu xmitters, Navy equipment, Arc xmitters.* Vol. 8: *Keys, Federal Co., KFS-Federal-Mackay story, Nat'l Electrical Supply Co., Navy Electronics Dir., etc.* Vol. 9: *Marconi, The Int'l Contest for Radar, Magnetron Story, F. Louenstein, Ham Licensing.* Vol. 10: *Atwater Kent, Race for Radiotelephone, Radio Central 75th Anniversary, The Heintz and Kaufman Story, Collins Radio Co.* Vol. 11: *Scott Radio Products, National sliding coil receivers.* Vol. 12: *The Atwater Kent Radios* ..... Vol. 6-8, ea. \$10.00, Vol. 9-11, ea. \$20.00, Vol. 12 \$34.00
- The Antique Radio Boys and the Garrulous Grebe, Dryer.** *Adventure story written in the style of the '20s & '30s.* 51 pgs. .... \$4.95
- The Auto Radio, Matteson.** *Info, photos & ads of the auto radio through the 1950s.* 316 pgs. .... (hardcover) \$34.95
- Audio! Audio!, Hill.** *A comprehensive directory of classic audio amplifiers and control units. Details of over 850 models from nearly 150 British manufacturers from the 1940s to the 1970s. Signed and numbered.* 95 pgs. .... \$19.95
- Behind the Front Panel, Rutland.** *Reviews radio circuits and radio history. Easy descriptions.* 25 pics. 158 pgs. .... \$18.95
- Blast from the Past, A Pictorial History of Radio's First 75 Years, Rhoades.** *The performers, programs, & technology that made radio a part of everyday life. 100s of never-before-published photos* ..... (hardcover) \$39.95
- Classic TVs, 2nd Printing, Wood.** *Prewar to 1950s. Revised price guide. 140+ color photos, repros of catalogs & ads.* 86 pgs. .... \$18.95
- ☞ **The Collector's Guide to Antique Radios, 4th Ed., Bunis.** *This guide covers radios from 1920s to 1960s. Over 8,500 prices and many all new color photos are included.* 1996. .... \$18.95
- ☞ **The Collector's Guide to Antique Radios, Combined Ed., CD-ROM, Bunis & Kaczowka.** *Combines book editions 1, 2, 3, and 4. Over 9,000 Models with pricing. Model number index for all manufacturers, photo index by category. 1,800 full color photos. Requires a web browser. IBM & Mac. 1998.* .... \$39.95
- The Collector's Guide to Novelty Radios, Bunis & Breed.** *Descriptions with prices.* 600+ color photos. 1994. 224 pgs. .... \$18.95
- The Collector's Guide to Novelty Radios, II, Bunis & Breed.** *New radios & prices.* 600+ color photos. 1998. 208 pgs. .... \$19.95
- The Collector's Guide to Transistor Radios, 2nd Ed., Bunis.** *Identifies the most sought-after vintage transistor radios. Includes club listing. Over 2,900 models, 375 all new color photos, with current prices.* 1996. 320 pgs. .... \$16.95
- ☞ **The Collector's Guide to Vintage Televisions, Durbal & Bubeneimer.** *Includes information about the size of the screen, year of manufacture, cabinet, and current value for over 1,400 vintage TVs.* 200+ color photos. 1999. 176 pgs. .... **NEW \$15.95**
- ☞ **Communication Receivers, 4th Ed., Moore.** *Information on 750, 1932 to 1981, vacuum tube receivers by 66 manufacturers. 448 radios illustrated. 3 pages of military receivers.* 136 pgs. .... \$19.95
- The Compleat Talking Machine, 3rd Ed, Reiss.** *A guide to antique phonographs. Revised price guide. Covers construction, cleaning and repairing of parts and cabinets. Over 700 pictures.* 249 pages ..... \$29.95
- ☞ **Crystal Clear - Vintage American Crystal Sets, Crystal Detectors and Crystals, Sievers.**  
 Vol. 1 - *Comprehensive reference with 750 illustrations, 570 crystal sets, 341 detectors, 207 crystals, 282 pgs.* ..... \$29.95  
 Vol. 2 - *479 All new & different illustrations, more crystal sets, detectors and crystals identified.* 252 pgs. .... \$29.95
- Crystal Radio: History, Fundamentals, and Design, Kanzie.** *Plus crystals for detectors.* 121 pgs. .... \$11.95
- Crystal Set Building and More, The Xtal Set Society.** *Projects and information about crystal radios, mostly dealing with design and electronics issues.* Vols. 6 & 7 of the *Xtal Set Society Newsletter*. .... \$15.95
- The Crystal Set Handbook, Anderson.** *Formulas for coil inductance, a procedure for measuring coil capacitance, circuit matching theory, & more.* Vol. 3 of the *Xtal Set Society Newsletter*. .... \$11.95
- Crystal Set Loopers, a 3 Tuber and More, The Xtal Set Society.** *Shortwave looper, AM/SW 3 tuber, antenna tuner/AM trap, and more.* Vol. 8 of the *Xtal Set Society Newsletter*. .... \$15.95
- Crystal Set Projects: 15 Radio Sets You Can Build, The Xtal Set Society.** 160 pgs. .... \$14.95
- E.H. Scott Radio Collectors Guide, 1925-1946, Clark.** *The reference for collectors of Scott radios, cabinets and accessories. Lists original prices of cabinets and accessories. Over 200 photos with descriptions.* 88 pgs. .... \$29.95
- 1940 E.H. Scott Catalog, King.** *Quality reproduction of the custom built receivers. Includes radios & cabinet illustrations.* ..... \$12.95
- Early Radio, In Marconi's Footsteps, Jensen.** *Realistic description of Marconi's work and his surroundings. Early construction projects with diagrams. Color and B&W photographs.* 170 pgs. .... (hardcover only) \$39.95
- Evolution of the Audio Recorder, Van Praag.** *Comprehensive guide to the audio recorder.* 1997. 518 pages. .... \$39.95
- Evolution of the Radio, L-W Books.** *Radios pictured and priced, plus reproductions of catalog pages and ads.*  
 Vol. 1 - *Eight-hundred + radios.* 1991. 227 pgs., 118 pgs. in color ..... \$22.95  
 Vol. 2 - *Totally different from volume one with new photos, etc.* 1993. 654 color photos. 226 pgs. .... \$24.95
- ☞ **Fixing Up Nice Old Radios, Romney.** *Written by a retired radio instructor, this book covers Ohm's law, through battery sets, superhets and communications receivers.* 1990. 300+ figures, 185 pgs. .... \$35.00
- ☞ **Flick of the Switch, McMahon.** *The classic photo reference guide for '30s - '50s radios.* 1000+ photos. 263 pgs. .... \$11.95
- Genuine Plastic Radios of the Mid-Century, Jupp & Piña.** *Overview of plastic table radios with advertisements, vintage black & white photos.* 439 color photos. 208 pgs. .... (hardcover) \$39.95
- ☞ **Guide to Old Radios - Pointers, Pictures & Prices, 2nd Ed., Johnson.** *Introduction to radio collecting. Includes hundreds of photos and a price guide.* 1995. 272 pgs. .... \$19.95
- Hake's Guide to TV Collectibles.** *Price guide and photos for 1600 TV shows, comic books, etc.* 1990. 185 pgs. .... \$14.95
- Ham Price Guide, 2nd, Rippen.** *Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas and test equipment. Additional prices for books, tubes and catalogs.* 1999. 81 pgs. .... **NEW \$10.95**
- ☞ **Heathkit, A Guide to the Amateur Radio Products, Pension.** *Documentation of all Heathkit's amateur radio products, a complete history of the company, 200+ sharp photos.* 256 pgs. .... \$24.95
- Index to A.R.C., 1984-99, Sibley.** *Index to articles in Antique Radio Classified from 1984 through 1999.* 76 pages ..... **NEW \$15.00**
- L. A. Radio Manufacturing, Paul.** *Coverage of additional manufacturers, people and sets.* 1993. 48 pgs. .... \$11.90
- Supplement No. 1, Paul.** *Coverage of additional manufacturers, people and sets.* 1993. 48 pgs. .... \$6.75
- Supplement No. 2, Paul.** *Coverage of additional manufacturers, people and sets.* 1999. 54 pgs. .... \$10.90
- The Magnetic Cone Speaker Notebook, Paul.** *250+ cone speakers from 120+ companies. Photocopy.* 1995. 58 pgs. .... \$11.90
- The Mechanics of TV, Yanczer.** *Explanation of mechanical tv, details for a working system.* 5 1/2" by 7 1/2", 170 pgs. .... \$24.95
- Most Often Needed 1926-38 Radio Diagrams and Servicing Information (reprint).** *600+ diagrams for mostly AC radios from '26-'38.* 240 pgs. .... \$18.50
- Old Radio Sets, Hill.** *The development of the radio in Britain from the late Victorian era until the late 60s.* 60 photos. 32 pgs. .... \$4.95
- Old Telephones, Emmerson.** *The development of the telephone in Britain from 1878 thru the 80s.* 50 photos. 32 pgs. .... \$4.95
- Old Television, Emmerson.** *The development of the television in Britain until the late 60s.* 50 photos. 32 pgs. .... \$4.95
- ☞ **Old-Time Radios! Restoration and Repair, Carr.** *How to repair vacuum-tube and transistor radios. A self-paced training guide.* 200 illustrations, 256 pgs. .... \$19.95
- Philco Condensers and More, Bintliff.** *Detailed service data for Philco Bakelite block condensers, metal-cased condensers and tone controls. Pictorial guides show electrical connections and capacitor values.* 300+ illustrations. 68 pgs. .... **NEW \$14.95**
- ☞ **Philco Radio: 1928-1942, Ramirez.** *A reference book on Philco. Shows receivers and company history year-by-year.* 464 color photos, 364 black & white photos and drawings. 1993. 160 pgs. .... \$29.95
- Phono-Graphics: The Visual Paraphernalia of the Talking Machine, Schwartzman.** 119 pgs. .... \$16.95

- A Pictorial History of Collins Amateur Radio Equipment, Miller.** *The most complete story of Collins. Told in hundreds of photos & in the words of the men who made it happen.* 1999. 175 pgs. **NEW \$39.95**
- The Pocket Guide to Collins Amateur Radio Equipment 1946-1980, Miller.** 90+ sharp photos. 3 1/2" x 7" 108 pages. **\$19.95**
- Portable Radio in American Life, Schiffer.** *Traces the development of the portable radio and how it affected American culture and society.* 450 photos and drawings, 259 pgs. (hardcover: \$45.00) **\$26.95**
- RCA Radiolas, Radiotrons, and Accessories (reprint).** *Twenty-page booklet summarizing RCA's 1926 product line* ..... **\$4.50**
- Radio Art, Hawes.** *A chronological, illustrated history of the technical and stylistic progress of the radio. Mostly British, but American sets are featured as well.* 250 photos, 150 in color, 128 pgs. (hardcover only) **Low Price \$9.95**
- Radio Art Postcard Deck.** *30 full-color photographs from Hawes' book* ..... **\$7.50**
- Radio Collector. (Videotape, VHS).** *The five-part Emmy-nominated PBS series combined on one 130-minute videotape* ..... **\$29.95**
- The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed., Grinder.** *Directory of over 20,000 radios by manufacturer, model no., year, etc., with prices. History, cabinet styles, vacuum tube development chapters.* 500 pgs ..... **\$26.95**
- The Radio Collector's Foto-Finder, Bintliff.** *An alphabetical index to illustrations in the four editions of the "Collector's Guide to Antique Radios" by Marty & Sue Bunis.* 1997. 48 pgs. .... **\$12.95**
- Radio Collector's Guide, McMahon.** *Listing of 9,000+ radios made by some 1200 companies from 1921 to 1932. Gives manufacturer, year, model name and other info. No photos.* 264 pgs. .... **\$11.95**
- Radio Diagram Sourcebook, Gray.** *Valuable tool for identifying radios. Tubes used, replacement dual lamps, and I.F. frequency.* Reprint of *Sylvania's tube complement guide* is included listing almost 10,000 radios 290 pgs. .... **\$18.95**
- Radio Horn Speaker Encyclopedia, Paul.** *Listing of horn speakers for 320+ manufacturers for the 1920s. Expanded info on 10 companies.* 145+ photos, 80 pgs. .... **\$15.90**
- Radio Horn Speaker Notebook, Rev. H. Paul.** *The companion to the Encyclopedia. Over 450 horn picture ads are shown, over 325 manufacturers are identified. Photocopy. New Index.* 1995. 72 pgs. .... **\$16.90**
- Radio Manufacturers of the 1920's, Douglas.** *3 volumes. Vol. 1: A-C Dayton thru Ferguson* (softcover only) **\$24.95**  
*Vol. 2: Freed-Eisemann thru Priess.* 266 pgs. (softcover only) **\$29.95**  
*Vol. 3: RCA thru Zenith.* 292 pgs. (hardcover: \$39.95) **\$29.95**
- Radio Tubes and Boxes of the 1920s, Fathauer.** *A pictorial presentation of radio tubes of the 20s, including packaging and advertising.* 400+ color photos and illustrations. 1999. 105 pages. **NEW \$26.95**
- Radio! Radio!, 3rd Ed., Hill.** *Comprehensive coverage of British radios from the 1920s-70s. This expanded edition includes the previous versions plus 75 new pages and 50 new illustrations. New transistor radio section.* (hardcover only) **\$64.95**
- Radios by Hallicrafters, 2nd Ed., Dachis.** *The most definitive book on the company. Over 1,000 photos (some color) on everything they made. Additional coverage & updated pricing. An invaluable tool for anyone interested in Hallicrafters.* 225 pgs. .... **\$29.95**
- Radios of the Baby Boom Era.** *Pictures and info from Sams Photofacts. 3,494 radios illustrated plus 3,275 additional radios listed.* 274 brands. 1946 - 1960. 300+ pages per volume. *Vol. 1: Admiral - Clearsonic* Vol 2: Co-op - Geloso. Vol 3: GE - Monitoradio. *Vol 4: Motorola - RCA* Vol 5: Realtone - Stratovox. Vol 6: Stromberg-Carlson - Zenith. (Per Vol) **\$16.95**
- Radios: The Golden Age, Collins.** (reprint). *Vintage table radios.* 100+ color photos. 119 pgs. .... **\$12.98**
- Rasco Radio Parts.** (reprint). *Catalog No. 18 summarizing 1928's product line.* 144 pgs. .... **\$9.95**
- Refinishing Old Furniture, Wagoner.** *Written by a furniture restoration instructor. A step-by-step guide to furniture (or radio) restoration, from removal of finishes right up to the final polish.* 178 pgs. .... **\$14.95**
- Saga of the Vacuum Tube, Tyne.** *The development of vacuum tubes - 1880 to 1930. From Edison, Thomson and Fleming to de Forest, Philips, Siemens and many more.* 100+ tube photos. 495 pgs. .... **\$18.95**
- Shortwave Receivers Past & Present, Communications Receivers 1942-1997, 3rd Ed., Osterman.** *For the radio collector, the informed receiver buyer or anyone interested in the history of shortwave radios.* 700+ receivers listed. 473 pgs. .... **\$24.95**
- S. Gernsback Radio Encyclopedia (reprint).** *1927 classic encyclopedia on radio. From "A" battery to Zirconium, with 1000s of entries in between.* 100s of illustrations, 175 pgs. .... **\$9.95**
- 70 Years of Radio Tubes and Valves, 2nd Ed., Stokes.** *The thermionic vacuum tube story from 1883 through 1960. New chapter on audio application tubes, more photos, magazine ads and a new index by tube number.* 264 pgs. .... **\$29.95**
- 75 Years of WE Tube Manufacturing, Magers.** *A log book history 750+ WE tubes. Illustrated.* 133 pgs. .... **\$16.95**
- The Talking Machine, Fabrizio and Paul.** *Over 550 photos of horn phonographs.* 256 pgs. (hardcover only) **\$69.95**
- Transistor Radios: 1954-1968, Smith.** *Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style.* Color photos and price guide, 1998. 160 pgs. .... **\$29.95**
- Transistor Radios, A Collector's Encyclopedia and Price Guide, Lane.** *Identification guide to over 2,500 transistor and novelty radios. History and key to collecting chapters.* 1994. 170 pgs. .... **\$19.95**
- Transmitters, Exciters and Power Amplifiers 1930 - 1980, Moore.** *Pictorial and descriptive guide to amateur high frequency transmitters and amplifiers manufactured in the U.S.A.* Over 500 photos. 144 pgs. .... **\$21.95**
- Tube Data, Holm.** *The most comprehensive list of vacuum tubes and data in an easy-to-use program for IBM compatibles.* 27,600+ tubes, includes receiving and transmitting tubes. Lists function, manufacturer, technical data, & more. (3 1/2" disk). .... **\$39.95**
- Tube Lore, Sibley.** *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types tips on testing, repairing, adapting various tubes, auction prices from six major sales.* 186 pgs. .... **\$19.95**
- Tube Type Transmitters, Rippen.** *Provides a wealth of info on transmitters and transceivers. Includes ancillary items such as linear amplifiers, converters, modulators and VFOs.* Over 500 illustrations. 145 pgs. .... **\$17.95**
- The Weekend Refinisher, Johnson.** *A complete guide to stains and finishes and tips for setting up your own workshop. A handy furniture "first aid" kit for quick repairs.* Illustrated. 296 pgs. .... **\$12.00**
- Wireless Communication in the U.S., Mayes.** *Early development of American radio operating companies. Alternators, coherers, stock promotions, unpublished letters, etc.* 160 illustrations, 240 pgs. .... **\$29.95**
- The Xtal Set Society Newsletter, Anderson.** *Complete set of the Society's newsletter. Order by volume. Vol. 1 & 2: 7/91 to 5/93. Field Strength Meter, FM Xtal Set, Xtal Sets & Wireless, the Lead Penicil Detector, The Universal Xtal Set, & more. .... \$19.95*  
*Vol. 4: 1/94 to 11/94 - Measuring Coil Capacitance, home-brew headphones and curve tracers, etc. Vol. 5: AM Receiver Design, Marconi Type 107, Radio Outfit in a Headset, & more. .... Vol. 4-5 \$10.95*
- Zenith The Early Years, 1919-1935, Bryant and Cones.** *The 1st of a planned 3-book series. Explains the Zenith story. Discovers never published photos, documents and info.* 300 photos and illustrations, 120 in color. 224 pgs. .... **\$29.95**
- Zenith Radio Corporation (reprint).** *The instructions for installation and operation for Models 39-39A Models 392-392A and Electric Zenith Receivers.* 3 schematics, 3 photos, 7 1/2" by 5", 16 pgs. .... **\$4.50**
- The Zenith Trans-Oceanic: The Royalty of Radios, Bryant and Cones.** *Presents the fascinating story of the development and use of the Trans-Oceanic. Several photos, documents, ads, etc.* 160 pgs. .... **\$24.95**
- Zenith Transistor Radios, Evolution of a Classic, Smith.** *A complete listing of all transistor radio models created by Zenith during the "Magic Years" from 1955-65. Color photos and price guide.* 1998, 160 pgs. .... **\$29.95**

## Everything stocked and shipped promptly - Radio is our middle name.

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped by next business day. Typical U.S. order will be received within 7 days, but allow 2-3 weeks. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



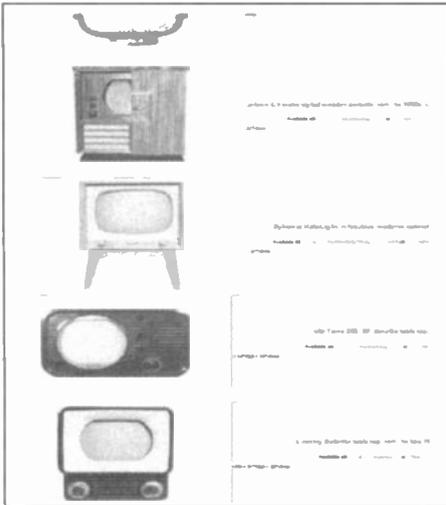
**A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512**

**Fax: (978) 371-7129 - E-mail: ARC@antiqueradio.com - Web: www.antiqueradio.com**





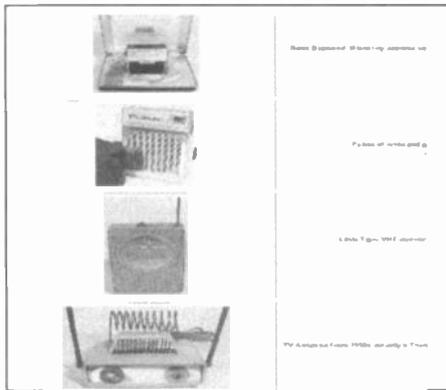
We are now online:  
**www.harryposter.com**



**BUY or SELL  
 Vintage TVs--online!**

We now sell our vintage televisions (about 75 are pictured) online--at our website, for \$150-\$250, plus we rent, sell parts--we even can put a new color set inside for you!

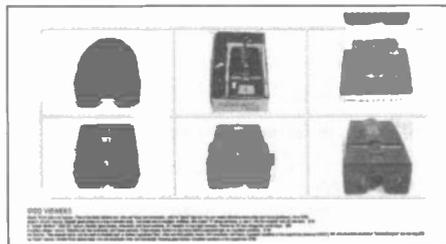
**www.harryposter.com**



**BUY Transistors--online!**

We are selling our 1,000+ collection of transistors. And, we are listing more each week!

**www.harryposter.com**



**BUY or SELL Cameras!**

We buy quality and 3D cameras, press&view, 35mm, novelty, 16mm movie--even Polaroids (Model 180, 185, 190, and 195 only!)

**www.harryposter.com**

# CLASSIFIED ADVERTISING POLICY

**ONE FREE 20-WORD AD** for subscribers in each issue; additional words are 29¢ each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by Noon Eastern Time on the classified ad deadline date to guarantee inclusion in the current issue. 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 2 for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

**Faxed & e-mailed ads:** Please see additional information on the inside front cover.

**When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper.** Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

**To minimize our typing errors: Please write legibly.** Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, l and I (the number one, the capital i and the small L.) Also: 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 we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets].

**Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.**

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason. See also Publishing Rights on page 2.

**Clubs:** Since club activities receive free coverage on the *Coming Radio Events* pages, the free 20 words may not be used for club activity ads. A discount on display advertising is available for clubs.

## CLASSIFIED AD DETAILS

**Deadline: NOON ET— 10th of the month!**

Classified ads must have a standard heading such as **WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, etc.** This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. 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. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

### Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE\***  
29¢ 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:

47¢ per word plus  
10¢ per word for shaded ad.

Please do not forget to send in the extra 29¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

## BOXED CLASSIFIED AD DETAILS

**Deadline: 1st of the month!**

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with "For Sale," etc. Minimum run is 3 months, prepaid. Discount: 10% for 6 months; 20% for 12 months.

### Boxed Classified Ad Rates per Month

Nonshaded ads:

40¢ 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 (All words are bold at no charge):

50¢ per word for all words\* plus  
10¢ per word for each all-caps word.

Non-Subscribers:

Add 20¢ per word to above costs.

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

## PHOTO & DRAWING DETAILS

**Deadline: 1st of the month**

**for all ads with drawings or photos!**

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

\$23.00 per month for each photo or drawing  
(If ad is canceled, this amount cannot always be refunded.)

## CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

## 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. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.

PERIODICALS

**ANTIQUE RADIO CLASSIFIED**



**A.R.C., P.O. Box 2, CARLISLE, MA 01741**  
ADDRESS SERVICE REQUESTED

97\*5\*\*\*\*\*3-DIGIT 148  
6-7K SUB#-23-24601 [2922] EXP=Aug00  
TOM FITZMARTIN  
3907 ROOSA RD  
CANISTO NY 14823

**CLASSIFIED AD**  
**DEADLINE JULY 10th**  
**Noon Eastern Time**