



VOLUME 24

OCTOBER 2007

NUMBER 10



Daniel Schoo and his Golden-Leutz

A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS OF OLD RADIOS AND RELATED ITEMS — WWW.ANTIQUERADIO.COM

RADIO CRAZE

John Sakas P.O. Box 362 Walden NY 12586
 Phone (845) 778-4064 ~ Cell (201) 410-0025
 visit our web site at <http://www.radiocraze.com>

WANTED



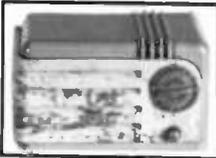
AIR KING SKYSCRAPERS

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 \$300.00, YELLOW & RED \$1,750.00
 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 \$750.00, GREEN \$1,350.00, RED \$2,150.00, BLUE \$4,000.00
 EMERSON 564 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 & BLUE \$2,500.00, 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 \$1,750.00, 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 WAVY GRILL YELLOW \$700.00, SAND 950.00, RED 1,450.00, BLUE 6,500.00
 SPARTON CLOISNNE 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 \$750.00, GREEN \$1,350.00, RED \$2,150.00, BLUE \$4,000.00
 EMERSON 564 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 & BLUE \$2,500.00, 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 \$1,750.00, 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 WAVY GRILL YELLOW \$700.00, SAND 950.00, RED 1,450.00, BLUE 6,500.00
 SPARTON CLOISNNE ANY COLOR \$3,500.00 TO \$5,500.00, EMERSON 520 \$50.00



Want to learn how to fix old radios, we have the answer - RCA Training Course

We have the complete RCA Electronics Training Course on CD and already hundreds have been sold. This is a very extensive CD covering theory, experiments and repair lessons. Read full info at <http://www.radioera.com/mall/RCATrainingCourse.asp>

ONLY \$ 99 + S&H

We now have a small mountain of vacuum tubes at very competitive prices . . . actually we don't know how many we have but estimate several Million of them that we acquired from a radio tube estate. Call, write or email your inquiries. All tubes are tested before shipment!

Other CD-ROM Publications:

Riders Professional database driven 6-CD set - now only \$ 299 or \$ 59 per CD (4 volumes/CD)

Cunningham-Radiotron Hi-Rez CD \$ 85

Sam's Photofact Sets 1-175 - 7 CD's, with Sets 1-25, 26-50, 51-75, 76-100, 101-125, 126-150 and 151-175. Only \$ 79 each CD-ROM (25 sets per CD)

All 7 Sam's CD's (1-175) - \$ 495.00

Radiophile Vol. 1 - \$ 85

Radiophile Vol. 2 - \$ 85

Radiophile Vol. 3 - \$ 85

Antique Radio Repair Vol. 1 - \$ 85

Antique Radio Repair Vol. 2 - \$ 85

R390-R390A/URR Technical CD - \$ 57

RCA Radiotron Handbook - \$ 67

RCA HB-3 Tube Manual - \$ 80

Zenith Trans-Oceanic - \$ 89

The Radio Boys - \$ 44

Amos 'N Andy - Vol. 1 - \$ 26

Sam's DialCord series - \$ 49

Collins Radio - Receivers - \$ 79

Collins Radio - Xmtrs/Amps - \$ 79

Collins Radio - Transceivers - \$ 79

Collins Radio - Accessories - \$ 79

Complete 4 CD Collins Set - \$ 279

RCA Service Notes - 4 CDs covering sets manufactured from 1923-1928, 1929-1932, 1933-1936 and 1937-1940, The most detail you will find on old sets. \$ 79 each. **4-CD set - \$ 299.**

REA-Riders Complete Index - \$ 34

Record Changers - \$ 85

Military Radio V1 - (Compendium) \$ 57

Military Radio V2 - (Compendium) \$ 57

QST Series - 85 years of QST (1915-1999) in 12 sets of CD-Rom's @ \$ 39.95 per set or \$ 399 for all 12 sets

The Hallicrafters CD-ROM - \$ 89

Special Editions:

Collins R1051B technical manual - \$ 79

Collins ART-13 technical manual - \$ 39

Collins 618T technical manual - \$ 79

Collins 651S-1 technical manual - \$ 79

National R1490GRR17 technical manual - \$49

Dept. of Commerce - 1929 Ham Call Book - \$ 29

*** We have hundreds of other publications available on CD-ROM or DVD - Please inquire*

SCHEMATIC DIAGRAM & MANUAL SERVICE

Over a Million schematics & 85,000 manuals and growing! Schematics and some manuals may be emailed instantly via the Internet

Check the web - On-line antique radio flea market - Radios for sale - Antique radio museum - Zenith Trans-Oceanic museum - thousands of old catalogs, manuals, literature, information, how-to data, reference, auction price section and much-much more! Visit antique radios largest web address today!

RADIO ERA ARCHIVES

2043 Empire Central
Dallas, Texas 75235
Inquiries. 214-358-5195

Visit us on the Internet:
www.radioera.com

ANTIQUE RADIO CLASSIFIED

October 2007 • Volume 24 • Number 10

The National Publication for Buyers and Sellers of Old Radios and Related Items — Published Monthly
www.antiqueradio.com

- | | |
|---|---|
| <p>5 Editor's Comments
Dedicated collector goes the extra mile.</p> <p>5 On the Cover
Daniel Schoo and his meticulous restoration.</p> <p>6 Golden-Leutz Universal Transoceanic "Phantom" Type 9
An unexpected acquisition becomes a major project.</p> <p>18 Photo Review
Discoveries and old standbys.</p> <p>20 The Sentinel 286PR "Treasure Chest"
An ad leads to yet another set.</p> <p>22 Wire Recorder Follow-Up
Watch for unusual recordings.</p> <p>23 Dorotheum Antique Radio Auction
Ingelen shines, but two U.S. sets make their mark.</p> <p>25 Mishler Auction — The Grote Collection
Off-the-beaten-path event worth noting.</p> <p>26 A.R.C. Rates and Policies
Subscription, display and classified ad rates and policies.</p> | <p>28 Classified & Display Ads</p> <p>50 Coming Radio Events</p> <p>52 Mark Your Calendar</p> <p>57 Business Card Ads</p> |
|---|---|



ANTIQUE RADIO CLASSIFIED

Antique Radio Classified (ISSN:8750-7471) is published monthly, 12 times per year, by John V. Terrey, 498-A Cross Street, P.O. Box 2, Carlisle, MA 01741. Periodicals postage paid at Carlisle, MA, and additional mailing offices. Telephone: (866) 371-0512, 9:00 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 2007 by John V. Terrey.

If A.R.C. inadvertently has infringed on a copyright, A.R.C. will pay an appropriate usage fee when notified.

POSTMASTER: Send address changes to Antique Radio Classified, P.O. Box 2, Carlisle, MA 01741. Printed in U.S.A.

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.

STAFF:

Publisher and Editor: John V. Terrey

Assistant Publisher: Cindie Bryan

Managing Editor: Dorothy Schecter

Advertising Manager: Cindie Bryan

Publishing & Editorial Staff: Ray Bintliff, 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, Jim Kreuzer, Ron Ramirez, Gary

Schneider, Daniel Schoo, Frank White, Walter Worth

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

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

Only UPS, FedEx, etc. items to street address: 498-A Cross Street.

Telephone: (866) 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 from its readers and publishes them as space permits. (See "Publishing Rights" paragraph.)



EDITOR'S COMMENTS

Sometimes the unusual comes our way, and we have to sit up and take notice. This was the case with Daniel Schoo's huge article on the restoration of his rare Golden-Leutz Universal Transoceanic "Phantom Type 9." I can't recall having received an article of this length presented in such meticulous detail and accompanied by such good step-by-step photos. Of course, we are grateful to Dan and delighted to publish his work in this issue.

As we all know, a collector's next project is not always predictable. Dan admits that the Golden-Leutz was not of primary interest to him, as 1930s-1940s wood table models had always been his focus. But, when a collector is committed to antique radios, he takes every opportunity to enhance his collection and to preserve radio history. Dan obviously pursues both these goals, and so he took up the challenge of the Golden-Leutz.

As an electrical design engineer, Dan was very qualified to undertake this restoration project. He left no stone unturned to perfect his final product, and his article takes us through every step of restoring his Phantom 9, both cosmetically and electrically.

Few of us would go into minute details such as disassembling the set to restore the finish on the panel and to polish the binding posts. Dan even disassembled the voltmeter to make minor adjustments to the indicator and went so far as to reproduce the cartridge-type resistors. Electrical testing was the final step. Take a look at the photo of Dan's extensive, incredibly neat test bench, a model for us all.

As I said earlier, such a detailed article about the restoration of one set hasn't come our way very often, if at all. However, we believe that many of Dan's restoration techniques are applicable to similar projects and will be a useful reference for those of you engaged in such activities.

Not only did Dan do the extensive work, but he also documented it carefully, took pictures before and after, and submitted the finished article to us! This is the kind of collaboration A.R.C. hopes for in order to continue our mission of disseminating as much information as possible to our readership.

When it comes to sharing information, Richard Arnold is a faithful contributor. This time he started out to write about his Sentinel Model 344, but an ad for a Sentinel "Treasure Chest" caught his interest, and he was off on another hunt. Richard not only describes an interesting set but also proves how old ads can have lasting effects.

Some articles have lasting effects also. We have more than one follow-up to articles published in the last year, and we intend to include them as

space allows. Loren Ashworth responded to Nick Gent's November 2006 article on a rare wire recorder with information about one of the infrequent sightings of these recorders in his own long experience — a Silvertone radio and wire recorder.

Loren reminds us that you never know what might be found on wire recordings, as opposed to commercially produced recordings. Since the wire recordings were used in homes, something like the 1948 World Series might show up, as it did on the Silvertone.

Photo Review always brings your new discoveries, as well as old standbys, to the fore. Any one of the items could capture your interest, but maybe some fellow collector will respond to Joe DiBari's plea for information on his American Bosch desk radio.

Auction reports are a prime source of information about what's out there in the marketplace. Once again Erwin Macho connects us to the European market through the Dorotheum Auction House in Vienna, Austria. Of course, most of the radios and related items were European sets, but two sets from the U. S. — an Atwater Kent breadboard and an RCA Radiola 60 — are described as "exotic types" in Europe and brought solid prices.

Once in a while, a collector sends a report about an off-the-beaten-path auction. We're grateful to Donald Swope for sharing his experience at the Mishler Auction of the Grote Collection in Hollsopple, Pennsylvania. Though Donald's listing is limited, his report brings home the fact that there are many potentially important auctions out there that we might miss. We rely on you collectors to keep us up-to-the-mark.

A.R.C. Benefits. Be sure to take advantage of A.R.C. benefits: a toll-free number (866) 371-0512; Discover, MasterCard, American Express, Visa accepted; the Web, www.antiquradio.com; books shipped free in the U. S. by USPS media mail; and for current subscribers, a 10 percent discount on all book orders.

Coming Radio Events. Fall weather means more meets. There are 14 listed this month, along with 6 auctions, and 26 meetings. Your fellow collectors are looking forward to seeing you at one of these events at the very least.

Happy Collecting!

John V. Terrey, Editor

ON THE COVER

Our cover photo speaks for itself. It is Daniel Schoo in his characteristic hat displaying his Golden-Leutz Universal Transoceanic "Phantom 9." The set is the subject of Dan's major restoration project described in this month's lead article.

RESTORATION TOPICS

Golden-Leutz Universal Transoceanic "Phantom" Type 9

BY DANIEL SCHOO

Sometimes Lady Luck smiles, as she did for Daniel Schoo. In this article, he tells about how he acquired and restored a Golden-Leutz radio. His patience and restoration skills are to be admired. Read on. (Editor)

I never set out to own a Leutz radio. My interests are more centered on 1930s through 1950s wood table radios, but as often happens, a radio falls into your lap quite by accident.

One evening in September of 2006 my wife Donna and I were visiting some friends out of town. My friend Ed had a friend who was moving to Wisconsin and wanted to lighten the load. Ed asked me if I was interested in an old radio that his friend Doug wanted to get rid of.

Now, when somebody asks me this, I usually get the image of a 1980s era boombox in black plastic, spattered with paint, a coat hanger antenna and the cassette door broken off. I always ask politely for a little more information because I have this secret fantasy that someday somebody is going to be cleaning a Zenith Stratosphere (of the first 100 serial numbers, of course) out of the basement, and it would be just my luck to turn it down without asking.

The answer came the following week when Ed asked if I'd ever heard of a Golden-Leutz. The name Leutz sounded familiar and I was interested. I found a couple of articles about Leutz radios online in the *Antique Radio Classified* archives. Hey this looked better and better! I called Doug and set up an appointment to go get it. So one afternoon I took a trip to Naperville, Illinois, only a couple of miles from where I work, to pick it up.

At first sight it looked different from other old

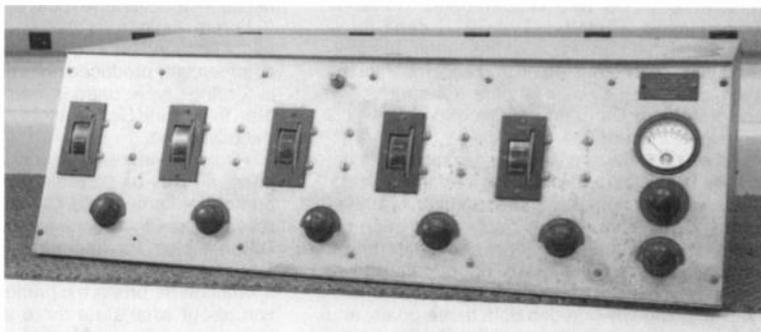


Figure 1. The Golden-Leutz Universal Transoceanic in its as-found condition.

battery type sets I have seen. Figure 1 shows the set as found. The nameplate, shown in Figure 2, identified it as manufactured by Golden-Leutz Inc., Long Island City, N.Y. The only other identifying information was "Type 9" followed by a serial number below the manufacturer's name. At the bottom of the nameplate licensing was credited to a Hogan Patent #1,014,002.

Giving it a quick once-over, I observed that the radio was a 4-stage TRF set. There were five tuning controls, first through fourth RF and detector. Most striking was the cabinet made entirely of

thin gauge sheet aluminum, sandblasted with a very dull matte finish. It was unlike the fine finished woods and glossy black panels of most battery sets. It was in reasonably good condition with some water staining and corrosion on the lid and front panel and the usual dirty film all over.

I also noticed that the RF section used four pin tubes with a top cap. A

top view of the chassis, shown in Figure 3, reveals the RF section with the tuning capacitors, coils, and grid leads for the four missing tubes.

I know of only one receiving tube that fits that description and that is a Type UX-222. The UX-222 was a battery-operated filamentary type announced in October of 1927 and the first "screened grid" tube, as tetrodes were referred to then. It was introduced shortly after the new alternating



Figure 2. The radio's nameplate shows it to be a Type 9. As explained in the text, it is also a "Phantom" version of the Universal Transoceanic.

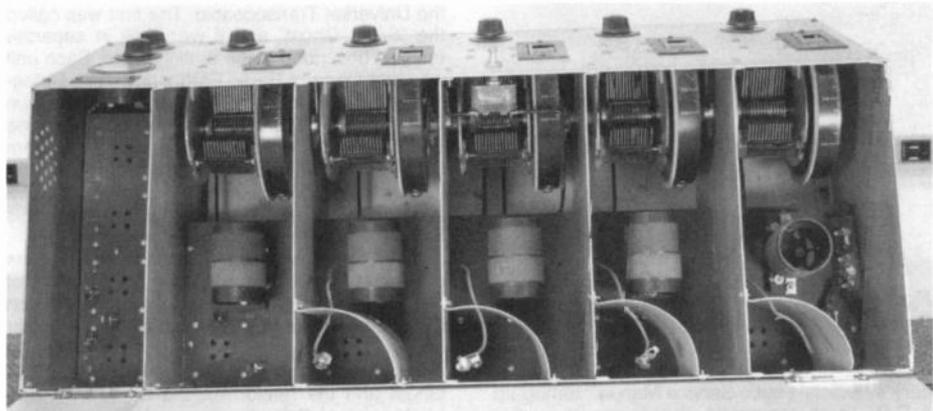


Figure 3. This view of the RF section shows the missing tubes and the grid connections.

current tubes were starting to become available so it was not used for very long. The UY-224 alternating current screen grid type announced in April of 1929 quickly replaced it, so I knew this was a rarity.

Similar to many breadbox type sets was the hinged lid that opened for access to replace the tubes or to replace the socketed RF coils. The coils could be swapped out with others of a different value in order to change the receiving frequency band. Each coil has a letter and a number stamped into the underside of the base. A typical plug-in coil is shown in Figure 4. The numbers correspond to the RF stage that the coil belongs to.

The coil sockets in the chassis have corresponding numbers stamped into them for reference. I assume that the letter indicates the frequency band it would tune.

All of these were marked "A" which I hoped was somewhere around the standard broadcast band. That would be easy to figure out later. There were no tubes in the set, but, fortunately, it had a full set of coils plugged into the sockets.

I asked where the set had come from and Doug told me that he bought it at an estate sale of an old Amateur Radio operator in Spooner, Wisconsin, quite a few years ago. Doug had carried it around the country on several moves, but Naperville was going to be its final resting place as far as he was concerned. I hauled it home along with a few other goodies that Doug had given me and started to do some research.

Beside the tubes there were some other things missing. There were metal clips like big fuse holders mounted to the insulated chassis board for snap-in resistors. Figure 5 shows the resistor mounting clips. The resistors were all missing. Also the grid cap connector for the first RF tube

was missing.

The other cap connectors looked a little odd. I could not quite figure out the odd design until I noticed that they were exactly the same as the resistor clips, shown in Figure 6. Evidently there were no such things as grid cap connectors available for the new screen grid tubes with grid caps, so they used whatever worked.

RESEARCH BEGINS

I started my research by searching the web. About all I could find of any value were two *Antique Radio Classified* articles (June 2000). They were invaluable in giving some background on Golden-Leutz and C.R. Leutz, the president of the company.

Looking up schematic diagrams in Rider and in Gerns-
(Continued on following page)

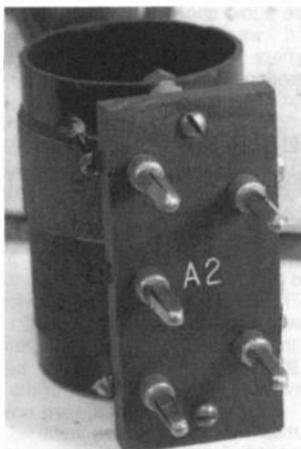


Figure 4. A bottom view of a typical RF coil. Note the five banana plugs on the Bakelite mounting base.

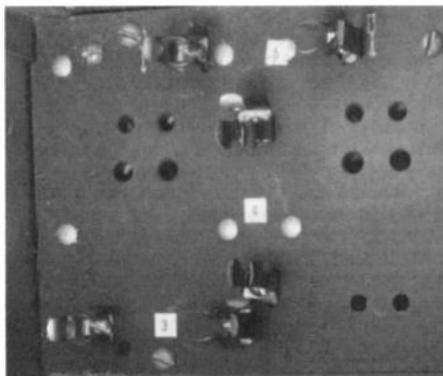


Figure 5. As found, the radio was missing the resistors that snapped into the mounting clips.

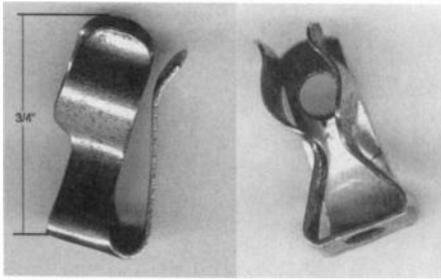


Figure 6. These clips were used for resistor connections and as grid clips.

(Golden-Leutz, continued)

back's "Official Radio Service Manual" turned up a C.R. Leutz schematic, but it was an earlier version using Type UX-201A tubes. There were some pronounced similarities but the new Type UX-222 tubes were different and the audio section was different. It was clear that if I wanted a schematic I'd have to reverse engineer the set and draw one myself. Just for reference, I also obtained a copy of that patent #1,014,002 from the US Patent Office web page.

I knew that the set had to be sold some time after October of 1927 when RCA released the Type UX-222 tube, and most likely before 1930 when the UX-222 was pretty much obsolete because of the widespread change to the new alternating current tube types like the UY-224. I didn't know if C.R. Leutz, Inc. even lasted through the onset of the Depression in 1929. The article in *A.R.C.* by Ray Bintliff indicated that Leutz had relocated to Altoona, Pennsylvania, in October of 1929, so that fixed the later limit of 1929 since the nameplate showed the previous New York location.

The Golden-Leutz in the Bintliff article was unlike mine. He described a radio composed of individually boxed sections all strung together with jumpers. My new prize was one long single unit but bore a striking similarity in the design of the front panel and controls to the modular version.

My next stop was the Northern Illinois University Library where they have archived *Radio News* magazines on microfilm back to before 1928. This turned out to be a gold mine of information. C. R. Leutz, Inc. was a regular advertiser in *Radio News*. Some advertisements were only tiny little box ads giving the name and address, while others were full-page, detailed illustrations of newly announced models.

I learned that the radio I had was one of a series called the "Universal Transoceanic." "Transoceanic" was all one word, unlike the later and more familiar Zenith portable models that were hyphenated as "Trans-Oceanic." The first advertisement to announce the redesigned Universal Transoceanic using "222 Screened Grid Tubes" was in the July 1928 issue, only months after the Type UX-222 tube was introduced by RCA.

TWO UNIVERSAL TRANSOCEANIC MODELS

I discovered that Leutz made two models of

the Universal Transoceanic. The first was called the "Silver Ghost" and it was built in separate units as described in the Bintliff article. Each unit was one stage of Radio Frequency (RF), Detector or Audio Frequency (AF) amplifier in its own aluminum box. The units were set up side by side and connected together with jumper wires from stage to stage attached to binding posts on the front panels. Each unit was powered independently by its own set of internal batteries. This had to be a royal pain for maintenance.

The Silver Ghost was a custom-built set, as described in the May and June 1928 issues of *Radio News*. According to the advertisement, each Silver Ghost was "custom built to the particular requirements of each customer." This explains the sample-to-sample differences in the Silver Ghost and the reason for the modularity. The photograph in the advertisement shows a radio very much like the one described in Ray Bintliff's *A.R.C.* article. It was a big behemoth of a set.

The second type was called the "Phantom." The Phantom was built in one long cabinet with each stage separated by an aluminum shield inside. It was somewhat smaller with dimensions of 8 $\frac{1}{4}$ inches high by 27 $\frac{1}{4}$ inches wide by 13 $\frac{1}{4}$ inches deep at the base. The slant-front cabinet sloped to a dimension of 9 $\frac{1}{4}$ inches deep at the top. It weighed about 31 pounds. The power was bussed internally and shared by all of the stages. A bottom view of the chassis is shown in Figure 7, while Figure 8 provides a close-up of the tuning capacitors, drum dials, and one of the compensating capacitors.

The previous versions of the Phantom used Type UX-201A tubes in the RF stages. Several new improvements were announced such as the use of the new Type UX-222 tube and a redesigned audio section with push-pull output for increased power. Some "BC" (B+ plate and C-bias voltage) power supply improvements were listed implying that the set was operated from AC house current. A 6-volt storage battery could be used for the filaments. The advertisement noted that the addition of a Leutz "A" current supply of 6 volts at 3 amperes allowed the set to operate completely from AC power.

An interesting side note was added in small print at the bottom of the July 1928 ad. It stated that present owners of Transoceanics could send their sets to the factory to have the improvements added at a nominal cost.

Each Phantom was sold only by special order with delivery in three to six weeks after confirmation of the order. The price quoted in an October 1928 advertisement was \$250 "completely constructed and laboratory tested (no accessories)." That is the equivalent of over \$2,800 in 2006 dollars. It is unknown whether the power supply and the tubes were considered accessories. Certainly the speaker and antenna were. This was definitely a high-end set. "Constructional blueprints" could be bought for \$2.

The October 1928 ad also listed most of the tube complement of four UX-222 RF amps, a UX-200A detector and a push-pull output stage that could use either a pair of UX-210s or UX-250s.

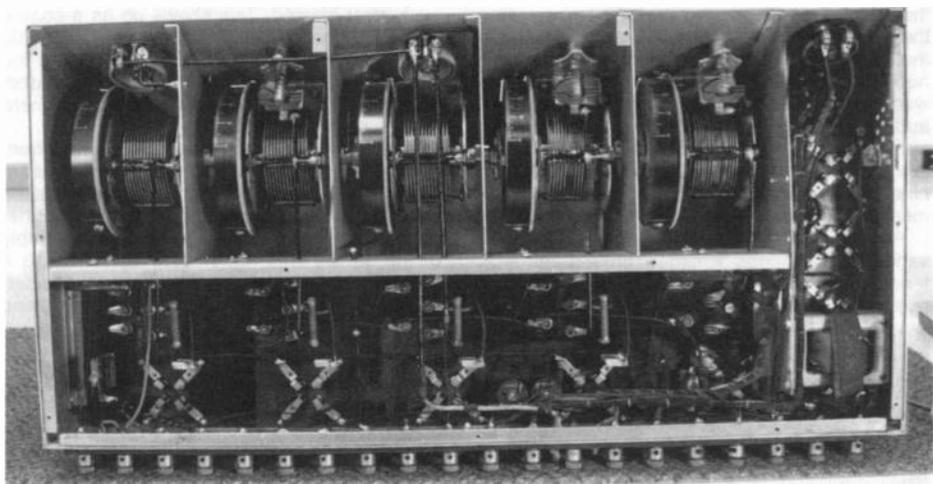


Figure 7. This bottom view of the chassis provides another view of the radio layout and components.

The remaining two audio preamp tubes were unidentified, but they were most likely UX-201As, as had been used in previous versions. It was stated in a December 1928 ad that, in the two years prior, fewer than one thousand of the Phantoms had been built.

RADIO CONSTRUCTION

The thumbwheel tuning dials on the Phantom are marked with an arbitrary zero to 100 scale progressing upward as you rotate the dials downward. An arbitrary scale is necessary since the actual reception frequencies depend on which set of RF coils are installed in the set. The wavelength increases (frequency decreases) as you rotate the dial from zero to 100.

Since everything was in one cabinet, all five of the tuning knobs could be ganged together simply by tightening a screw on a shaft coupler between each stage if desired. While this was possible, it was probably not practical for the usual reason that perfect tracking of the five tuned circuits was unlikely. Some compensation for uneven tracking was provided with fine tuning controls called resonators on the 1st and 4th RF stages. As found, my set had the 1st RF tuning control independent and the other four stages were locked together. Figure 9 shows the 1st RF stage. Other controls included RF filament, detector (filament) and a volume control.

Strangely enough, the volume control is backwards from the usual sense. You rotate it counterclockwise to turn the volume up. Most pre-automatic-gain-control DC filament sets controlled

(Continued on following page)

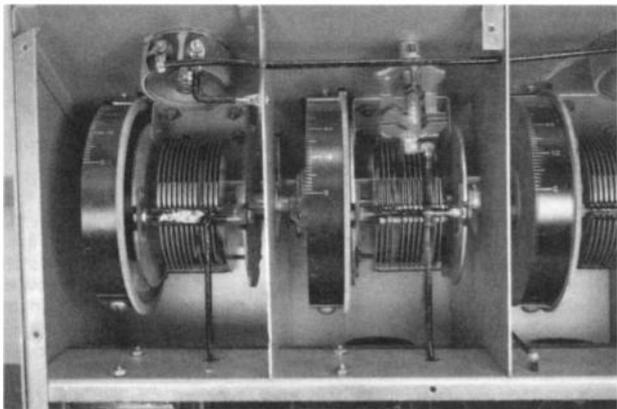


Figure 8. A close-up view of the tuning capacitors, drum dials, rheostat and a compensating capacitor.

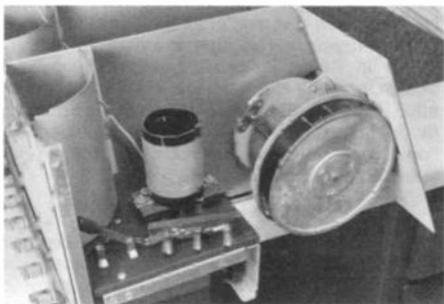


Figure 9. A closeup of the 1st RF stage showing the tuning capacitor, drum dial, plug-in coil and a knife switch which selects the antenna length.

(Golden-Leutz, continued)

the volume by adjusting the gain of the tubes with the amount of filament current. This set also has that capability. The volume control was not connected as a potentiometer as in modern sets. It was simply a variable resistance shunting the audio signal to ground at the input of the second audio tube. In addition to the other controls there is a panel mounted voltmeter and an associated nine position circuit selector switch provided to measure the various operating voltages.

As shown in Figure 10, connections for the various power supply voltages, ground and antenna were made on a long strip of 20 binding posts along the bottom of the back panel. The

texture was uneven and some areas were seriously over blasted. This shows up as a coarse mottled appearance where the blaster was held too long or excess pressure was used and the surface of the aluminum became slightly eroded. Swirling and changes in texture showed up where uneven blasting was done.

I removed the top, bottom, sides and front panel. The back was riveted to the frame and not easily removable. Luckily, the back panel was not corroded. A good cleaning with a spray cleaner perked it up, and it looked like new. Disassembly of the panels was rather easy by removing a number of screws holding the sections together. The front panel escutcheons covering the tuning

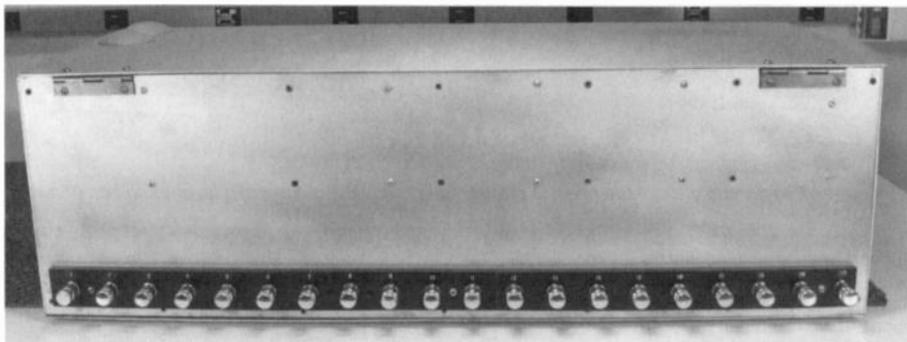


Figure 10. Power supply voltages and antenna/ground connections are made to the 20 binding posts on the back of the radio. (Post-restoration photo.)

Phantom was a sort of crossover from battery to AC operation. It mixed battery tubes and AC tubes operating from an AC-operated power supply that provided the four plate voltages — one screen voltage, two bias voltages, and two filament voltages.

There were at least two versions of the Phantom. I am not familiar with all of them nor could I find anything in web searches or in other archives. The schematic for an earlier version using Type UX-201A tubes is commonly available in publications such as the Gernsback *Official Radio Service Manual of 1930* and the *Rider Manual, Volume 1*. There were no schematics that I could find for the screen grid version of the Phantom.

The screen grid version shares a lot in common with the earlier triode version. The cabinet design is nearly identical. The main visible difference is the addition of two domes in the lid on the far right side. These were added to provide additional room for a pair of high power push-pull audio output tubes.

COSMETIC RESTORATION

I began the restoration on two fronts, cosmetic and electronic. Cosmetically, the cabinet was water stained and freckled with corrosion spots. Unlike the lacquer finishes on old wood cabinet sets, the original sand-blasted factory finish on this one was easily duplicated.

One thing I noticed about the finish was that the sand blasting was done very poorly. The

wheels were attached with screws. For the other controls, the control mounting nuts held the escutcheons on.

I removed all of the switches, controls and meter from the front panels, and I placed each of the panels in an enclosed beadblaster. Inside the beadblaster is a hand-held gun operated by compressed air that propels small glass shot, much like a spray paint gun sprays paint. The beads blasted away most of the dirt, corrosion and scratches leaving a factory original matte finish. Some pitting was still visible as a mottling of the surface, but it was far less noticeable than before. A final wet rubdown with a medium ScotchBrite pad took off the roughness that raw bead blasting leaves on a surface. Figure 11 shows both the original and restored front panels.

Reassembly of the cabinet was as easy as disassembly. I replaced most of the old round head screws with new ones of exactly the same appearance. Many of the old screws were rusted or corroded. During disassembly, I noted the hand-fabricated look of the cabinet. The openings in the front panel were obviously hand-cut. The edges of the rectangular openings were not square, and the holes for the controls were definitely hand-drilled and deburred with an oversized drill bit. Had I wanted the front panel to look like new, I could easily have sheared off a blank from sixteenth inch aluminum sheet stock and cut holes in it at least as well if not better than the original was made.

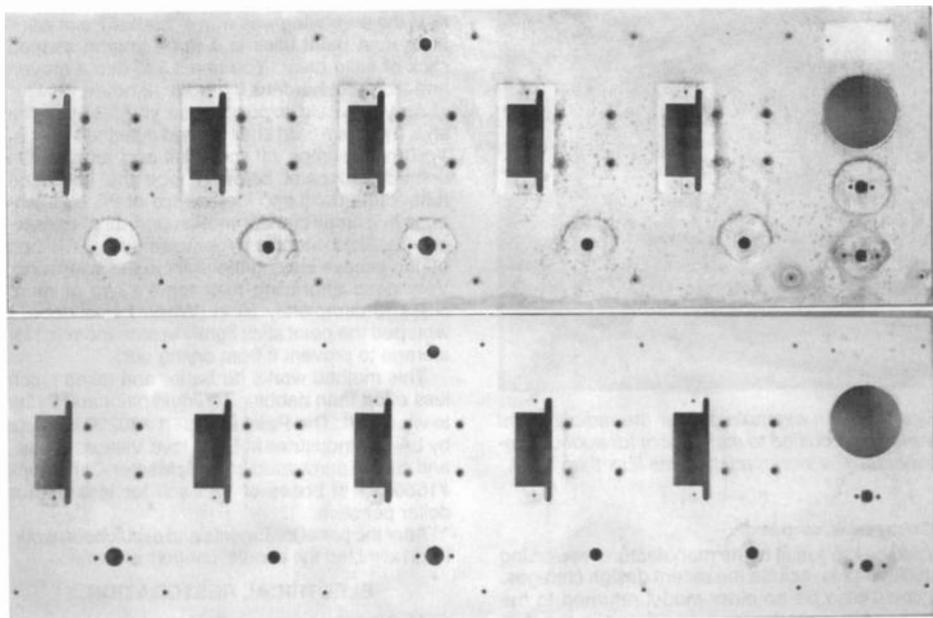


Figure 11. The front panel before beadblasting, top, and after beadblasting, bottom.

The tuning wheel escutcheons, shown in Figure 12, were obviously handmade too. The openings were not true and square. The bevels around the outside were uneven as though they had been cut by hand on a belt sander. Also where the mounting holes were drilled you could still see the scribe lines someone had scratched on the back indicating the drill locations.

The holes for the mounting screws in the chassis parts were drilled and not deburred. The holes were tapped and 6-32 machine screws were driven into the sixteenth-inch aluminum with no reinforcing inserts. This seems to have been sufficient in most locations, except the bottom panel where some of the holes had stripped-out threads.

To reinforce the stripped-out threads, I cut small aluminum plates $\frac{1}{4}$ " wide by $\frac{3}{4}$ " long. I drilled a hole in the center of each and hot-melt glued the plates to the inside of the chassis, aligning the holes in the centers of plates with the screw holes in the chassis. Once the plates were in place, I tapped the holes through the existing threads in the chassis. This fix provided a secure thread for the bottom screws. Figure 13 shows an example of this repair technique.

There were definite signs of rework or reuse of prior stock for this new model. Extra unused holes in the chassis were visible. Some chopping away of chassis areas to make room for connections and the mounting of the audio interstage push-pull grid driver transformer suggested changes. Figure 14 shows one example of how the chassis metal work was notched to make room for added components.

There was a wire in a harness that went nowhere and was capped off with friction tape. This
(Continued on following page)

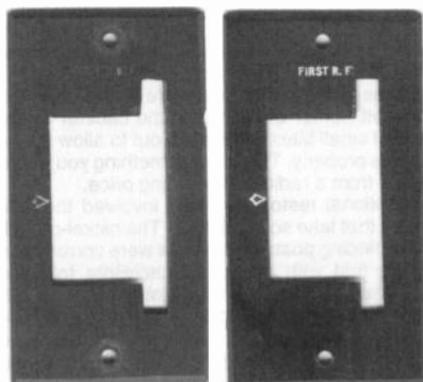


Figure 12. On the left, an escutcheon for the drum dials before restoration. An escutcheon after restoration is shown on the right.

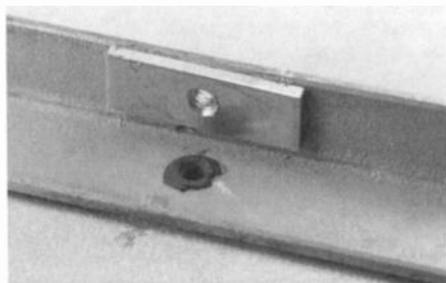


Figure 13. Back-up plates were added to repair stripped threads.

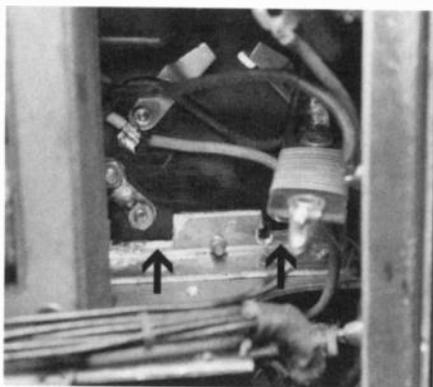


Figure 14. An example of how the radio's metal work was modified to make room for added components. The workmanship was less than ideal.

(Golden-Leutz, continued)

could be the result of the manufacturer reworking stock parts to include the recent design changes. It could also be an older model returned to the factory for upgrades as was offered in the July 1928 advertisement.

I found a few additions that were definitely not factory work. A couple of wires connecting to the filament circuit were brought out through holes drilled in the binding post mounting strip. This was an obvious change that I removed.

Some rather crude fixes were visible as in the back left corner of the top of the cabinet where several small bites were taken out to allow the lid to close properly. This is not something you would expect from a radio of this selling price.

Additional restoration work involved the little details that take so much time. The nickel-plated, brass binding posts on the back were corroded. A buffing first with medium ScotchBrite followed with Brasso shined them up. Both the "as-found" and restored binding posts are shown in Figure 15. The control knobs were dirty and had dust stuck in the fluting. Cleaning with a little water and a toothbrush took care of that.

Most of the white lettering in the engraved escutcheons and the index arrows on the knobs were missing or damaged. The method I used to

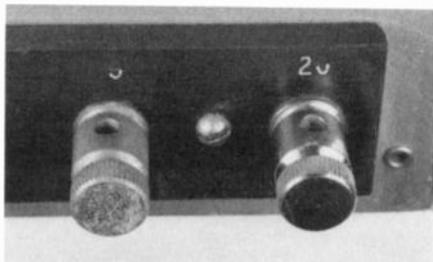


Figure 15. This before and after photograph shows a cleaned and polished binding post on the right and a corroded post on the left.

fill in the engraving was with a "Markal Paint stick[®]" marker. A paint stick is a large crayon shaped stick of solid paint. You use it just like a crayon and the paint hardens in about 12 hours.

As you would expect, when you first use the stick there is a hard shell formed over the surface. You must scrape off the shell and expose the unhardened paint below. I took the stick and rubbed the paint into the surface of the escutcheons in a small circular motion until all of engraving was filled. I took a paper towel and just wiped off the excess leaving the paint in the engraving. Very deep engraving may require two or more coats to completely fill in. When I was done, I wrapped the paint stick tightly in aluminum foil for storage to prevent it from drying out.

This method works far better and takes much less effort than dabbing on liquid paint and trying to wipe it off. The Paint stick[®] part #80220 is made by LA-CO Industries in Elk Grove Village, Illinois, and can be purchased from McMaster-Carr, stock #1660T21 in boxes of 12 each for less than a dollar per stick.

After the panel treatments and escutcheon work, I reassembled the panels, controls and knobs.

ELECTRICAL RESTORATION

Along with the cosmetic restoration, I worked on the electrical restoration. The first problem was to create an accurate detailed schematic diagram of the circuit. I had the old Type UX-201A version of the schematic for reference, but it was not close enough to use. I started going through the circuit line by line and drawing up the schematic bit by bit.

At first, I made pencil sketches of small sections of the circuit and then transferred the information into an AutoCad drawing on my computer. This process is called reverse engineering because you start with a completed circuit and document it as-built rather than the usual other way around in design engineering. Most of these old sets are pretty simple so it isn't much of a problem. I started with the RF section and followed through the detector and audio.

For the RF and audio transformers, I measured the connections with an ohmmeter and noted the windings and their resistance on the drawing. For the audio transformer, I also applied a 1 KHz signal and measured the primary to secondary voltage/turns ratio.

I measured the capacitance of each of the tuning capacitors. For the fixed capacitors, if the value was marked on the case, I added that to the schematic. In the power supply, I found several unmarked paper-dielectric bypass capacitors. I measured the capacitance of each, and noted it on the schematic. I also measured the leakage of the capacitors to see if any had failed. A few were a little leaky but not seriously.

I tested the front panel meter to see if it was still operable. After close to eighty years, it not only worked, it was accurate. At rest, the meter needle was slightly above zero. There was no external access to the movement to adjust it so I decided to take it apart for cleaning and adjustment.

I removed the meter from the panel and found

three tiny screws around the case. Removing the screws allowed me to pull the movement from the case for work. Figure 16 shows the DC voltmeter removed from its case. I cleaned the dial glass inside and out. The movement was a typical D'Arsonval spring suspension. I rotated a small tab on the spring suspension and mechanically re-zeroed the needle. After reassembling the meter, I tested it and it was surprisingly accurate.

METERING CIRCUIT

One thing that caught my attention was the metering circuit. The selector switch is a 2-pole, 9-position type that connects the meter to the various circuits through scaling resistors for reading the filament, plate and bias supply voltages. The switch connects the positive and negative sides of the meter independently to the power supply common point and the positive or negative voltage to be read.

There are two voltage scales marked on the meter, 7 volts and 140 volts full scale. A third scale of 700 volts is implied for the audio output plate supply, which can be up to 500 volts. Switching various values of resistance in series with either the positive or negative connection to the meter changes the scales.

I looked at the meter switch, made some measurements with an ohmmeter, and referred to the schematic of the old UX-201A version for guidance. It's difficult to tell from the radio schematic what the switch function is because it isn't really a schematic diagram of the switch. The radio schematic shows a physical drawing of the terminals on the switch, but not what's going on inside. You can't tell what the terminals connect to inside the switch. Having a switch in front of me that I could test with an ohmmeter cleared that up.

The circuit as it was found and as it was documented in the old schematic could never have worked. Most of the switch positions did not connect the meter back to a common ground point, and so the meter would not read anything in those positions. Sometimes improvements in technology are added or improper repairs are made to old sets as they become inoperable. This could have been the case with the meter switch, but the published schematic showed a similar fault that could not have worked.

This isn't the first time a published schematic was wrong. I decided that it is a reasonable assumption that the manufacturer would have built the set in such a way as to be fully functional, so I took a little liberty. I looked over the circuit and made a minor change. I reconnected the switch such that it would work and provide proper readings on the meter for the circuits selected.

There were two wire spool resistors, shown in Figure 17, in series connecting the meter switch to a binding post for measuring the audio output plate voltage. Neither of them was labeled and

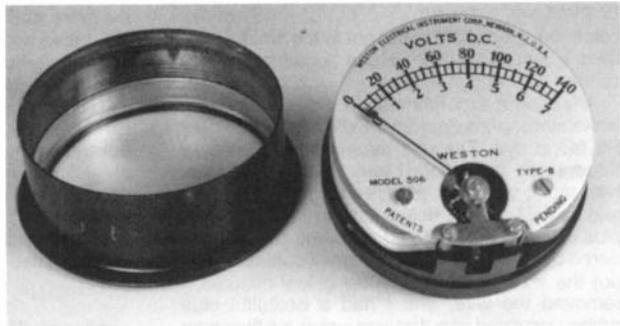


Figure 16. The radio's voltmeter was removed from its case for cleaning and adjustment. The meter has two dial scales — one reads 0-140 VDC and the other, 0-7 VDC.

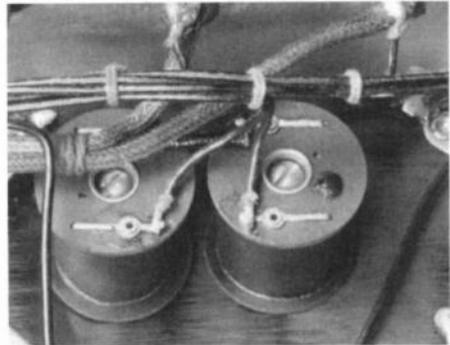


Figure 17. The meter scaling resistors are wire-wound on bobbins.

both of them, having failed, were reading infinite resistance.

Calculating meter scaling resistors is fairly easy. I measured the resistance of the meter and then measured the amount of current necessary to deflect the meter to full scale. The meter deflected to full scale with 8 milliamperes of current. Using Ohm's law, I calculated what total value of resistance in series was necessary to deflect the meter to full scale with 700 volts applied. In this case 87,500 ohms total resistance in series with the meter was required to properly scale to 700 volts.

REPLACING BAD WIRING

The connections to the grid caps on the tubes were made with a blue rubber-insulated wire. The rubber was as hard and brittle as glass. I don't know if this wire was factory original or not, but I suspect that it was because there were some other lengths of this same wire below the chassis in places where it would never have been necessary to replace it. As far as I know, rubber-insulated wire like this is no longer available, so I had to improvise.

There is silicone rubber-insulated wire available that is exactly the same size, appearance, and feel as the old stuff. It is possible to get it in

(Continued on following page)

(Golden-Leutz, continued)

colors on special order but not in the small quantities I use. What I do is use a common white colored wire and dye it.

After some experimentation, I discovered that white silicone-insulated wire will accept ordinary Rit fabric dye. The dye penetrates all the way through the insulation. I took measurements of how much wire was required to replace all four grid leads. I cut a sufficient length of silicone wire, plus a little extra. I mixed up some of the powdered dye with hot water in a small container and put the wire in the dye. After a few minutes, I removed the wire, and I had a beautiful blue rubber-insulated wire that was just about the same color as the wire in the radio. I have used this method to replace rubber-insulated wire in 1940s radios with good results.

SWITCH REPAIR

Another problem I found was the power switch, shown in Figures 18 and 19. Like most battery sets, the power switch controlled only the filament current. The switch was intermittent and had a high resistance. Looking the switch over, I found two plugged holes in the back and screw threads coming out of the opposite side in the front. I dug out some hard wax and found the two screw heads. Removing the screws allowed me to disassemble the switch for cleaning. I cleaned up the contacts and the switch worked fine on reassembly.

As the work on the schematic progressed and I added additional details, I compared the drawing of the RF section to the schematic in Patent #1,014,002 shown on the nameplate as being a licensee. Patent #1,014,002 titled "Apparatus for Wireless Signaling" was granted to J.L. Hogan Jr. on January 9, 1912. It describes a means that allows the use of one variable capacitor to effect the resonance of two tuned circuits thereby simplifying the tuning.

What was interesting is that even though the nameplate credits a license for the Hogan patent, the actual circuit does not use it. In fact, the RF circuit is pretty much the circuit recommended in a Cunningham radio tubes engineering bulletin for the CX-322 screen grid amplifier tube, including the self-biasing resistor.

The last details to put on the schematic were the operating voltages and the missing resistor values. This is where the manufacturer's tube data and a little design engineering know-how are used. I looked up the data on the tubes in my library of RCA HB-3 data sheets and Cunningham individual engineering spec sheets.

From the data and curves I could look up or calculate the resistor values, plate voltages and bias voltages. The details of the methods and calculations used are beyond the scope of this article. I put these values on the schematic as a starting point to run tests. Some values like

the plate and screen voltages for the Type UX-222 tubes were right out of the book, since Leutz had simply followed the manufacturer's recommended circuit.

The plate supply for the audio output tubes is fairly arbitrary, but, fortunately, the *Radio News* advertisement for July 1928 stated the plate supply voltages of 400 or 500 volts, depending on whether Type UX-210 or Type UX-250 output tubes were used. The 210 and 250 tubes share little in common as far as specifications go, except that they both use 7.5 volts AC for the filament.

TESTING

After all of the cosmetic and most of the electrical restorations were done, it was time to try it out with power. My test bench with the Phantom type 9 is shown in Figure 20. The first step was to see if the RF section would work. I connected bench power supplies to the set for filament, screen and RF plate. I turned on the power in sequence of plate, screen and finally the filament. The last RF tube did not light, but wiggling it a little in the socket fixed that. I used the front panel meter to adjust the RF filaments to roughly the nominal 3.3 volts. Immediately the set oscillated, which did not surprise me.

The power supply bypassing was not the greatest and the supplies were bypassed to ground-

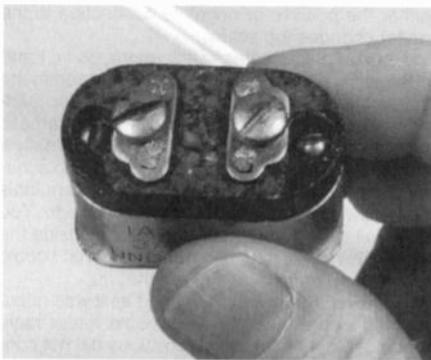


Figure 18. This rear view of the filament switch shows its two screw terminals. Also visible are the heads of the two screws that attach the front and rear sections of the switch.

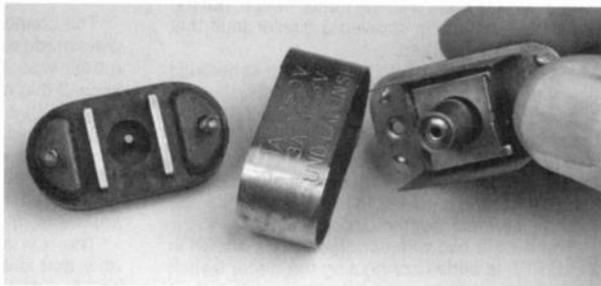


Figure 19. The filament switch was disassembled for cleaning.

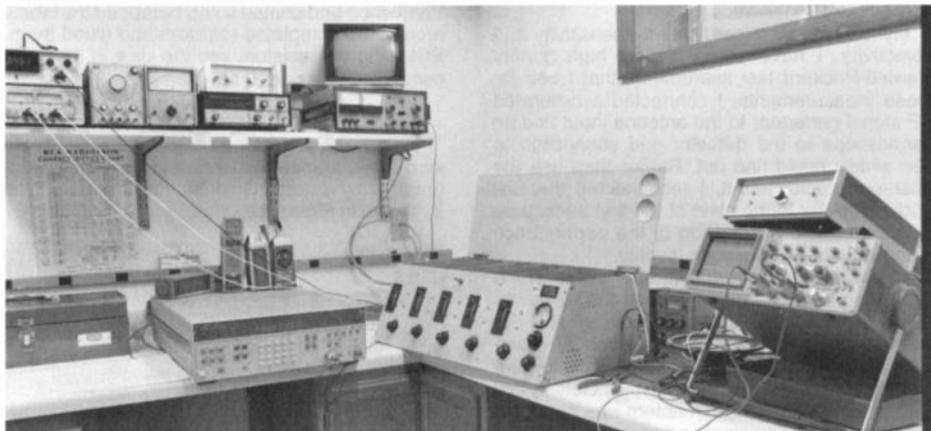


Figure 20. The test bench and the equipment used to fire up and test the Phantom Type 9.

wire busses instead of the chassis. This almost guarantees problems with ground inductance. Oh well, that's better than smoke, and it does prove that the RF section has enough gain to oscillate.

I disconnected the third and fourth RF amplifier tubes and that stopped the oscillation. To make a measurement of the tuning range I connected an RF signal generator to the antenna input and an oscilloscope to the grid cap connection of the third RF tube. I set the tuning for all of the RF stages to one end of the range and adjusted the RF signal frequency until I saw it come through to the scope. I ran the radio tuning to the other extreme and repeated the process. I was pleased to find that it tuned from 525 KHz to 1550 KHz.

Up to this point I had not put the bottom cover back on because I needed to make under chassis measurements. Replacing the bottom cover cured much of the oscillation, but there was still a tendency to take off.

As I was making measurements I saw some modulation on an RF signal at the detector grid. I just couldn't resist the temptation to get some kind of reception. I temporarily connected up a 1N914B diode in place of the detector tube and fed it into an audio amplifier I use for testing. Out came a local Chicago radio station, and it didn't sound too bad. Tuning was a real trial, but I could get a few stations on a short piece of wire for an antenna.

I removed the diode and put in a Type UX-200A tube in the detector socket. When I applied power the UX-200A was working about as well as the diode. I tried a few different resistor values to see if there was any improvement. Changing the grid leak resistance had little to no effect on performance, so I left it at the databook suggested value of 2.5 megohms. The detector seemed to get better gain as I increased the value of the plate resistor, so I ended up changing that from an initial value of 20 K up to 100 K. Next was the audio preamp/driver section.

AUDIO PREAMP DRIVER SECTION

For the audio section I picked out several used Type UX-201A tubes from my stock in the old

style balloon envelopes I tested them on a Tektronix 577 curve tracer and selected two that reasonably matched the typical curves published in the RCA HB3 tube data manual. Tube testers are fine for service work and culling duds, but for real design work, nothing can take the place of actual plate curves. I wanted a pair of UX-201As that closely resembled the published curves so that when I did the circuit testing I knew I was going to get results consistent with typical tubes and not troubles with out-of-tolerance samples.

I temporarily pushed some half-watt carbon composition resistors into the resistor clips for testing and attached the additional power supplies required for the audio section. I had audio coming through all the way to the plate of the audio driver tube.

Although the Type UX-201A driver tube was not capable of providing much power, I attached an 8-ohm speaker to the plate of the driver tube through a transformer. The audio was weak, but I could hear my radio station through the speaker. Unloaded, there was about 60 volts peak-to-peak of undistorted audio on the driver plate, plenty to drive the grids of the audio output tubes to full power.

I experimented a little with resistor values and supply voltages in the audio section. There was no improvement in either the performance or operating characteristics with anything I changed from the initial values, so I left them as I had calculated. At this point everything was working except the push-pull audio output.

To get the audio output functioning I used a pair of Type UX-245 tubes instead of the factory specified Types UX-210 or UX-250. The Type UX-245 was not released until March of 1928, so it was not used in this radio; however, I had a good reason to use it. Both the UX-210 and the UX-250 are very expensive tubes to buy now. I did not have any of these in stock, but I do have plenty of UX-245s. The Type UX-245 is very similar to the UX-250 for most specifications, except for a 2.5-volt filament and lower plate dissipation rating.

(Continued on following page)

(Golden-Leutz, continued)

My next measurement was for sensitivity and selectivity. I have some classic high quality Hewlett-Packard test instruments that I use for these measurements. I connected a calibrated RF signal generator to the antenna input and an oscilloscope to the detector grid connection to see what I could find out. Rather than use the push-pull audio output, I reconnected the test audio amplifier to the plate of the first audio tube to get an audible indication of the performance along with the oscilloscope display.

I was able to get a measurable signal at the detector grid, and I could still hear 400 Hz modulation with as little as 10 microvolts of RF. For comparison, I checked a 1939 Emerson "All American Five" AC/DC table radio, and I could hear signals down to about 30 microvolts. Getting that kind of sensitivity on the Phantom was not easy.

Although the Phantom is capable of that kind of sensitivity, it was only possible with the adjustments all perfectly optimized. The RF amplifier tube filaments had to be adjusted so that the RF was on the verge of oscillation. Probably a certain amount of regeneration was going on. The radio has a lot of gain but most of it is wasted in oscillation, if you try to use it.

I went on to see what the selectivity was. I used a sweep generator and set the center frequency to 1000 KHz fixed, and then I tuned the radio for best signal strength at the detector. When the radio was tuned, I set the sweep range from 900 KHz to 1100 KHz. Using the scope and a calibrated marker I was able to determine that the -20db bandwidth was about ± 15 KHz. Checking my reference AC/DC table radio, it measured ± 8 KHz

REPRODUCTION RESISTORS

To complete the restoration, I still needed old type resistors to put in the resistor clips. I wanted something that looked as close to original as possible. Old type resistors are around, but finding good ones in the values that I needed would probably be exceptionally difficult. I decided that the best solution was to make some reproductions.

I have a collection of old grid leak resistors that I used as a reference for typical size and appearance. From that information I designed my own model. Making the parts was not too difficult. I turned some brass end caps on a lathe. For the body I bought some phenolic tubing and cut it to length. Figure 21 shows the individual components and the finished product at the bottom of the figure.

Assembling the resistor, I put one brass end cap on the end of the phenolic sleeve and glued it. I inserted a modern half-watt carbon composition resistor inside the sleeve, sliding the lead wire through a hole in the center of the cap and soldered the lead to the end cap. Then, I put on the other end cap, glued it, and soldered the other lead. Finally, I clipped off the excess leads extending out of the ends of the caps.

For labeling, I used my computer to scan and digitally rework the image of an old original paper label from a resistor. I made changes to the label to read the correct resistance values using Adobe

Photoshop and printed a set. I wrapped the labels around the completed resistors and glued them. Snapping the resistors into the clips in the radio completed that part of the project.

IMPRESSIONS

Finally, the project was complete! Now I could step back, admire my work and take the photograph of my restored Golden-Leutz Phantom Type 9, shown in Figure 22.

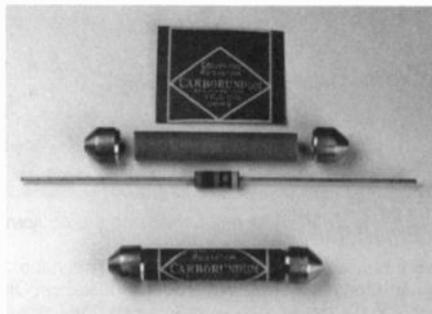


Figure 21. The reproduction label, end caps and tubing are shown at the top, along with a modern resistor. The finished new "old style" resistor is shown at the bottom.

I never had the opportunity to operate one of these old sets, so the possibility of restoration and actually getting one working was doubly compelling. It certainly is not anything like a modern set where you turn one knob and the music comes out. There are five adjustments for tuning, three more for gain and optimizing the performance.

Tuning to a particular frequency is difficult mostly because there is no dial marking that tells you in kilohertz or meters what the wavelength is. The zero to 100 log scale can be used for that if you have a chart that cross references the log numbers and frequencies. In the old days this would have been done entirely by trial and error. Using modern test equipment, I can produce any desired calibrated reference frequency with the RF signal generator and tune the radio until I find it; then, I can record the dial setting.

Tuning for best performance is another trial and error. You have to set the 4-ganged RF stages to a particular frequency and then follow with the 1st RF stage tuner. If you are lucky enough to be receiving something, you rock the ganged tuners and the single tuner back and forth for the best signal and then try the three fine tuning controls to see if that helps.

While this is going on, the RF stages are likely to take off and oscillate. If this happens, you run the RF filaments down until the oscillation just stops. You can usually set the detector filament to some convenient voltage that worked before and leave it, but not always. Sometimes the reception will be noisy and adjusting the detector up or down will clean it up. After all that, you can adjust the volume control. Changing stations you get to start over and adjust everything again.

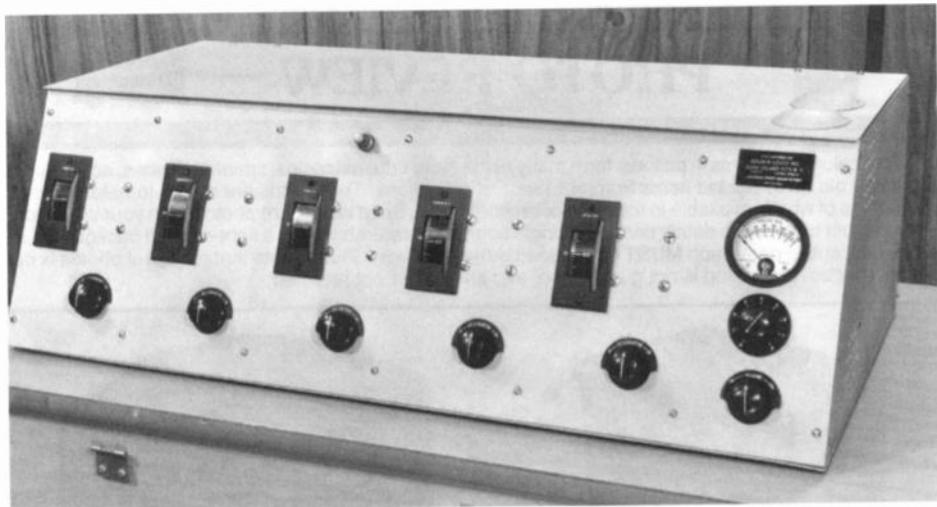


Figure 22. The completed project!

Connecting up the set to a long wire antenna, I was able to tune in quite a few stations. The sound quality was quite good probably due to the wide bandwidth.

There was quite a bit of knob twisting involved. Without automatic volume control the settings had to be adjusted often to keep the volume at a comfortable level. Adjustment of the RF gain could be critical. On strong stations, it was not a problem, but for weak ones, you needed to squeeze out every bit of gain you could without the set's breaking into oscillation. Just before it oscillated, there was a very sensitive spot where functionally the set was probably more regenerative than TRF. I don't know if the manufacturer intended this or not. The set certainly had plenty of gain, but mostly you were not able to use it because of the unstable design breaking into oscillation.

One thing the experience taught me was to have a lot of respect for the early pioneers who used this type of equipment and made it work for them. By comparison I have a little table model Zenith 705 built in 1933. It was made only five years later than the Phantom, but it is far easier to use and performs far better overall.

The 705 is comparable in performance to any of the typical All American Five sets made over several decades. Technology advanced rapidly and the Phantom was quickly left behind. I feel lucky though to have been able to restore the set to operation and get a taste of what it was like to own and operate a radio on the front edge of technology in 1928.

References:

- Bintliff, Ray. "Golden-Leutz and the Universa Trans-Oceanic." *Antique Radio Classified*, Carlisle, Mass., June 2030.
Cunningham Radio Tubes Bulletin, Type CX-322 Tube, Screen Grid Amplifier, n.d.

- Cunningham Radio Tubes Engineering Bulletin*, Power Amplifier CX-345, March 1, 1929
 Gemsback, Hugo. *Official Radio Service Manual*. Gemsback Publications, 1930, p. 338.
 Kitchel, Robert G. "Leutz Universal Trans-Oceanic Type L-6 One-of-a-Kind Console." *Antique Radio Classified*. Carlisle, Mass., June 2000.
Radio News, July 1927, p. 63; August 1927, p. 99; October 1927, p. 308; May 1928, p. 1,267; June 1928, p. 1,363; July 1928, p. 96; October 1928, p.363; December 1928, p. 52; January 1929, p. 693.
RCA HB-3 Tube Data Manual, data page type 00A, July 1, 1935 and October 31, 1933.
RCA HB-3 Tube Data Manual, data page Type 01A, May 1, 1935 and November 3, 1933.
RCA HB-3 Tube Data Manual, data page type 103 Tube Data Manual, data page type 22, August 30, 1935 and August 27, 1935.
RCA HB-3 Tube Data Manual, data page type 45, April 20, 1938 and November 17, 1932
RCA HB-3 Tube Data Manual, data page type 50, July 1, 1935 and September 13, 1935
 Rider, John, F. *Perpetual Trouleshcoters Manual*, Volume 1.
 Tyne, Gerald F.J. *Saga of the Vacuum Tube*. Tempe, AZ: Antique Electronic Supply, 1977, pp. 318, 321, 322.

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

Daniel Schoo, a frequent contributor to A.R.C., is an electronics design engineer with a lifetime interest in antique technology, especially radio and television equipment. In addition to his collection of 1930s and 1940s radios and video cassette recorders, he has a large collection of vintage vacuum tubes, neon lamps, and tube data books.



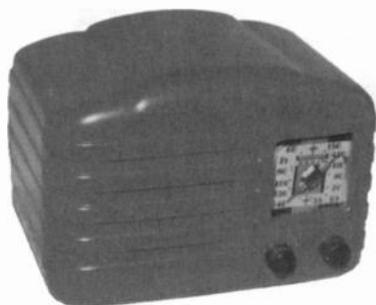
PHOTO REVIEW



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.



JAMESTOWN METAL SMITH MINIATURE CONSOLE – This miniature generic console is, in fact, a die-cast cigarette dispenser. It is the product of the Jamestown Metal Smith, Inc., Jamestown, New York. A knob in the center releases a cigarette out the opening on the left. The lid was soldered on, but has become undone. A handful of cigarettes feeds down the hopper-shaped interior. The finish is something like copper. (Jim Apthorpe – Leesburg, FL)



ARVIN MODEL 522 – This 5-tube radio, which is housed in a metal cabinet, was manufactured in 1941 by Noblitt-Sparks Industries of Columbus, Ohio. It uses the following tube complement: one each of Types 12SA7, 12SK7, 12SQ7, 50L6, and 35Z5. (Clark Thissell – Lincoln, NE)



DICTOGRAND ROLL SPEAKER – This unusual paper cone speaker was manufactured by Dictograph Products Corp., 220 West 42nd St., New York City. It measures 13½" x 6¾" x 11¼". The Dictogrand reproducer is connected at the center fold of the two paper rolls and has an adjustment screw out the back. The rather thick, parchment-type paper has a gray-brown, mottled finish, and the lettering and edges are embossed. The unit sold for \$16.50 in 1925. (Wally Worth – Wollaston, MA)



HEATHKIT MODEL IT-28 – This kit-built capacitor checker was offered by the Heathkit Company in the 1960s. (Clark Thissell – Lincoln, NE)

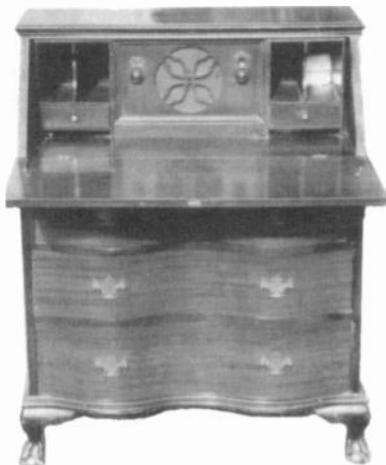
PHOTO REVIEW



CROSLY BONZO – This mascot was sold for a dollar to people who purchased a Crosley PUP in 1925. It is made of papier mâché and was hand-painted. It is extremely delicate, and that's the reason not many survived. The headband has "Crosley PUP" printed in white on black. (Clark Thissell – Lincoln, NE)



FEDERAL JR. – This rather large crystal set was manufactured by the Federal Telephone & Telegraph Co. of Buffalo, New York. The case is all metal, except for the Bakelite top panel. It was introduced in February of 1922 and was so successful it lasted on the market until 1925. Federal also offered a 2-tube amplifier in a matching metal case in 1922, but very few sold, and they are extremely rare. (Wally Worth – Wollaston, MA)



AMERICAN BOSCH Model 1205A DESK RADIO – The radio is installed in a mahogany desk cabinet which was manufactured by W.A. Smith Goodrich Co., a manufacturer of colonial desks, New York, New York, and Teru, Indiana. I found this piece in an antique mall in Forsyth, Georgia, but I haven't been able to find out anything about it. I have not found it in any price guide. I would like to know the year it was made, and any other information I can get. Thank you. (Joe DeBari – Barnesville, GA)

WITH THE COLLECTORS

The Sentinel 286PR "Treasure Chest"

BY RICHARD ARNOLD

One thing always leads to another in Richard Arnold's constant pursuit of old radios. This time a small, rather ordinary Sentinel set makes him easy target for an ad for a more exciting Sentinel Treasure Chest radio. Another search was on. (Editor)

About a month before I saw the 1947 *Saturday Evening Post* ad for a Sentinel Treasure Chest radio on a web site called "Ad Access." I had found a Sentinel radio in my favorite antique store here in Ardmore, Oklahoma. It's a little plastic radio, a Model 344, in ivory color. I had seen these radios around before but was never really interested in them. However, pickin's were really poor that day, and so the Sentinel Model 344 was fixin' to be my first Sentinel radio. I couldn't go home empty-handed.

Because of that purchase and the subsequent research I did on the Model 344 and the Sentinel Corporation, the magazine ad for the neat little Sentinel Treasure Chest portable caught my attention. So, though this article was originally going to be about my Model 344, that plan has changed. To me, the Sentinel 286PR Treasure Chest, shown in Figure 1, is now a tad more interesting.

The Sentinel Radio Corporation ad, shown in Figure 2, calls this AC/battery portable radio "Sentinel Radio's Newest Sensation." The ad assures you that you will have "Studio tone in your home or wherever you may roam."

It sure is amazing that this 60-year-old ad is still working. After all, it had caught my attention, and after looking at the picture and reading about the Treasure Chest in the ad, I was hooked. I just had to have one, and so, the hunt was on.

SENTINEL'S TREASURE CHEST RADIO

The Sentinel Treasure Chest radio ad goes on to say that this is a radio "as personal as your watch, and as carefully made... a diminutive jewel of a set — merely a handful — but big, mighty



Figure 1. A view of the Sentinel "Treasure Chest" Model 286PR with its lid in the open position.

big, in performance."

The Treasure Chest is actually a Model 286PR. It measures 8" wide x 4" tall x 5" deep and weighs in at only 5.5 pounds with batteries.

The Treasure Chest radio is made of plastic, but it looks like metal. It comes in two-toned, plastic cases of various color combinations. This particular radio has a black lid that also serves as a loop antenna, a black bottom, and a red wine (burgundy) colored center. The top has a square chunk of gold colored metal mesh that covers the speaker opening.

According to Rider, this radio came in two different chassis designs. The 286PR, the 4-tube radio in this article, has a selenium rectifier. The four tube types used in the 286PR are a 1R5 oscillator, a 1T4 IF, a 1S5 detector, AVC and AF, and a 3Q4 power

Radio's Newest Sensation!



ELECTRIC OR BATTERY PORTABLE RADIO

SENTINEL'S

Treasure Chest



Weights only 5 1/2 lbs.
with batteries.

A radio as personal as your watch, and as carefully made... a diminutive jewel of a set—merely a handful—but big, mighty big, in performance! Carry it wherever you go—from room to room, or from state to state! Listen to its sparkling reception anywhere, indoors or out, ashore or afloat, on train or plane, on hiking trip or motor tour! Two-tone plastic cases in various color combina-

tions. Now at Sentinel dealers everywhere. And also, there are many other Sentinel sets for every room in every home... AC and DC, Battery and Electric... Consoles, Radio-Photographs, Portables, and Table Models.

SENTINEL RADIO CORPORATION
EVANSTON, ILLINOIS



Sentinel
Radio

Figure 2. An advertisement for the Sentinel "Treasure Chest" from the June 21, 1947, issue of the "Saturday Evening Post."

tube. The other chassis, the Model 286P, has the same tubes, except that it utilizes a 25Z3 tube as a rectifier. The IF for both chassis is 455 Kc.

The portable Treasure Chest model, of course, comes with a handle, and on this model it is burgundy colored. The service notes say that it is leather; however, mine is original, and it looks like plastic. It is an AC/DC battery portable, and in the portable mode, it uses a 67.5v "B" battery and two

1.5v "A" batteries.

There are dual knobs on the left top side of the cabinet. The thin burgundy colored outer one is for volume control. The larger control is for power selection — battery or AC — and for turning the radio on or off. The dial on the right top of the cabinet is for station selection.

I have noticed that there seem to be some slight
(Continued on following page)

(*Sentinel Treasure Chest, continued*) variations in the cabinet design. Some of the thin outer knobs are a bright red, while others, like mine, are more of a red wine color. There are different textured metal grille covers and sometimes the name "Treasure Chest" that appears on the inside of the lid cover is missing (maybe just worn off?). A rear view of the set is shown in Figure 3.

I did not have too long a wait until I started finding these sets on eBay. It seems that they show up pretty often. So they are not all that rare. What seems to be rare about them is finding one in good condition. Some are either in pretty bad shape or really not in the condition that would make me happy. Then one day, this one showed up, I bid on it, and got it.

I really like this little radio. It is the only one like it in my collection. It works quite well and looks good. I sure am glad that I ran across the ad that got me interested in it. Now I have two Sentinel radios in my collection. Maybe I will write an article on the little Model 344, the more mundane Sentinel, later on.

On the other hand, I'm now looking for a Sonora Gem, another small radio... and the hunt goes on.

References:

Rider, John F. *Perpetual Troubleshooters Manual*, Vol. 16, pp. 14-16.

The Saturday Evening Post, June 23, 1947.



Figure 3. A rear view of the Sentinel radio.

(Richard Arnold, P.O. 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 Jackson Bell Peter Pan featured in the June 1991 A.R.C.

Wire Recorder Follow-Up

BY LOREN ASHWORTH

The A.R.C. article in the November 2006 issue on the wire recorder by Nick Gent caught my attention. This was a very nice piece on a rare wire recorder, especially the part about recovering the recordings.

In my 45 years of TV-radio repair, I have seen only two wire recorders. One came into the shop I worked for in the 1960s — Acme TV in Richmond, Indiana. But, until five or six years ago, no other had crossed my path. It was around then that a customer of mine mentioned that he had a wire recorder, and he wanted to have it checked out, as well as to see what it might be worth.

It turned out to be a Silvertone radio and wire recorder unit. These early post-World War II units became obsolete soon after magnetic tape appeared.

The Silvertone is pretty simple compared to the Webcor units described in the A.R.C. article. An AC/DC set, it uses locktal tubes. But, it does have a radio, allowing not only voice/microphone

recordings but also radio recordings. The radio on this set worked OK, and the tubes were good, except for a slightly leaky Type 50A5 audio output tube.

The unit came with a microphone and a spool of wire. Believe it or not, the owner said the spool of wire contained the 1948 World Series!

If you carefully held down a loose part of the deck, the set played satisfactorily. This was a really bare bones set compared to the Webcor models. We played it for a few minutes, and it sounded as if the recording had been made yesterday. Just as in the Gent story, some of the parts of the wires were clear and others were not.

I know of two other units owned by customers, but I haven't seen them. Though pretty rare, there are some out there, if my experience is any example.

(Loren Ashworth, 1768 ST, Rt. 722, New Paris, OH 45347)



AUCTION REPORTS

Dorotheum Antique Radio Auction Vienna, Austria — June 13, 2007

REPORTED BY ERWIN MACHO

Auctionhouse Dorotheum, doing business in the tenth district of Vienna since 1995, held another of its very successful antique radio auctions on June 13, 2007. Of the 137 cataloged items, 98 were sold, resulting in total proceeds of \$52,500 (including tax) — an absolute record price in Austria.

The first part of the auction included gramophones and phonographs in very varied conditions. These had been largely bought from one Vienna dealer. The second part was full of radio highlights from Austria manufacturers. However, it also included two items from the U.S.A. — an Atwater Kent breadboard 10C and an RCA Radiola 60 with an RCA Type 103 loudspeaker in original condition. Both sets are exotic types in Europe, but they found a new home in a large collection in Austria.

The highlight of the radio items was once again a product from the famous Ingelen radio factory. From the early 1920s to the 1970s, this Vienna company produced extremely good radios, maybe similar to Atwater Kent in the USA. They are



This Atwater Kent 10C breadboard, Type 4700, sold for \$1,273

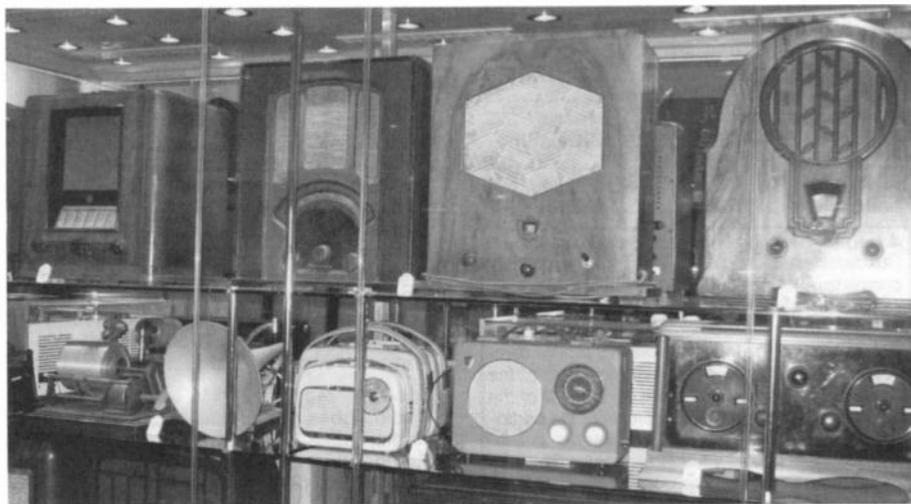
very popular with European collectors.

The 1929 Ingelen U6, with missing tubes and a case in poor condition, got a hammer price of \$3,484 — a new record for this model.

The next Dorotheum Auction will be held in November 2007. For details see A.R.C.'s "Coming Radio Events" or the Homepage www.dorotheum.com.

The following includes all sold radios and tubes. The prices have been rounded down to the nearest dollar.

(Continued on following page)



A view of a few of the many sets auctioned at Dorotheum in Vienna, Austria, on June 13, 2007.



This 1928 Blaupunkt Type VII, MW/LW, with three tubes, sold for \$1,474.

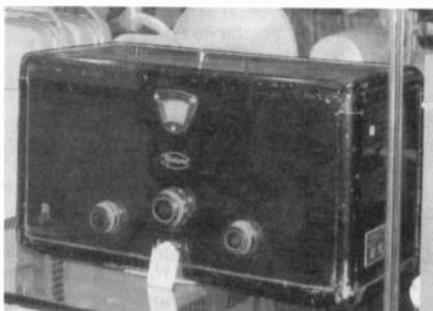
(Dorotheum Auction, continued)

Radios:

Atwater Kent 10C breadboard, 4700, 1924, 3-tubes	\$1,273
Berliner Oberon W, 1931	670
Blaupunkt Type VII, 1928, W3T	1,474
Boss 3 SWDY, with unknown radio	241
Crystal sets (3) Elbe Philmore, Super-tone, and homemade, w/headsets	228
Crystal sets: (4) Elbe, (3) homemade, w/headsets	255
Czeija, Nissl & Co. Hekaphon 2 LO2	348
Eumig 122W, 1932, MW	174
Hornophon Electric S4, w/Baltic horn speaker	603
Hornophon G303, 1931, 200-2,000M	348
Hornophon GE 3	482
Hornophon W303	214
Ingelen 338W, 1937/38, 3-band	375
Ingelen Geographic 39 W, 1938	1,005
Ingelen U6, 1929, 6-tube	3,484
Jacoby AN2, 1927/28, 2-tube	1,474
Kapsch Brillant, 1933, 200-2,000M	268
Kapsch Lux U, 1936, 3-band	241
Kapsch Mucki, 1948, MW	188
Loewe OE 333, 1926, with 3NF mult-valve tube	1,474
Minerva Allegro W, 1936, 3-band	670
Minerva crystal set (Hungary), w/parts	322
Minerva DE-KA-WE, 1928/29, w/Kapsch horn speaker	482
Minerva Minerdyn 32G, 1931/32, 3-band	509
Minerva Opera, 1935	2,948



This Philips 930A radio from 1931 sold for \$322. The front is a plastic simulated rosewood.



This 1931 Radione GSHL radio sold for \$456.

Philips 930A, 1931	322
Philips 834A, 1933, MW/LW	174
Portable radios: (2) Ingelen TRV 1001, Ingelen TRV 112, Radione R9, (4)	201
Radione AW47, 1936	804
Radione FSW, 1933, 200-2,000M	161
Radione GSHL, 1931	456
Radione R-HANN, 1926/27, w/Kapsch horn speaker	1,745
RCA Radiola 60, w/RCA 103 loud-speaker	322
Siemens Rfe24, 1928/29, 5-tube	286
Telefunken 332WLK Meistersuper, 1935	201
Telefunken D860WK, 1939, 3-band	429
Thorens Amplifier PR24	295

Tubes:

Radio Tubes (94)	161
Radio Tubes (94)	201
Radio Tubes (115)	161
Radio Parts (2 Cartons)	134

(Erwin Macho, Ambrosweg 17/A/8, A-1230 Vienna, Austria)

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.

Mishler Auction — The Grote Collection

Hollsopple, Pennsylvania — May 11-12, 2007

CONTRIBUTED BY DONALD SWOPE

The following report is an example of what can be found at an auction, which, to our knowledge, was not widely advertised. We're grateful to Donald Swope for calling attention to the event.

Donald describes the offerings from the collection of William Grote as "massive," ranging from vintage radios and tubes to phonographs, recordings, television, hi-fi stereo components, Amateur radio, paper, wireless, and testing equipment of all kinds. The highlight was a hard-to-find Herald horn speaker which sold for \$485.

An Open House viewing session was held on Thursday evening May 10 from 4 P.M. to 7 P.M. The auction began at 10:00 A.M. on Friday.

The auction house website offered an interesting biography of collector William Grote of Latrobe, Pennsylvania, who passed away at age 96 in 2006. Having studied electronics at Carnegie Tech, Grote worked for Latrobe Steel for 40 years running one of the largest electric steel producing furnaces in the world. For over 60 years, he also was widely known for his electronic work in TV and radio repair/sales, as well as in sound systems for a vast number of organizations. For many years, he provided sound for the Latrobe Air Show featuring the U.S. Air Force Blue Angels and Thunderbirds.

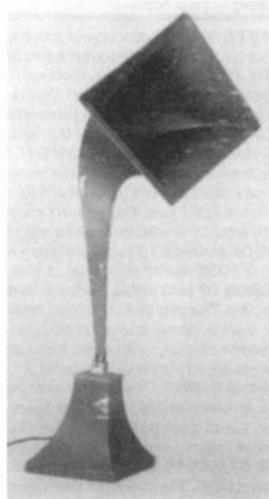
Grote was obviously an avid collector and took great pride in his electronics collection. However, he was also in the electronics business, and the result was that a large number of items in this auction were in original boxes, along with supporting paperwork. The multipage listing on the website is described as "only touching the surface of items available." The condition of each item is rarely noted.

Donald reported prices and details for only a small portion of the total offered and those are included below. We encourage you fellow collectors to share information about auctions in your area that may not be in the mainstream but are still of value in assessing what's going on in the vintage radio world.

e=excellent, N.I.B.=new in box

General Items:

Atwater Kent Model L horn	\$40
Bogen CHS100A PA amp, 100-watt	60
Bogen CHS35A PA amp, 35-watt	10
Bristol 1-stage audio amp	125
Fada 790 radio, Std. broadcast, Bakelite	90
Fire Pal 767, Harron Labs	30
Freshman Masterpiece A-38066 tabletop	100
Hallcrafters S-38 shortwave radio	50
Harmonson Type IV-C receiver, 4-tube	130
Herald speaker/horn	485
Mir-Ray radio	180
Motorola 50XC1, circle grille cover, rare	100
Motorola 51X17	25
Peavey 4-unit column speakers	80
Radio Shack 32-1230 wireless microphone	20
Realistic STA850 stereo receiver, N.I.B.	10
Temple T/S column speakers	25
Thomas Edison Home Morning Glory horn	50



A Herald horn speaker, like the one sold for \$485 at the Mishler auction. (From Floyd Paul's "Radio Horn Speaker Encyclopedia.")

Transcontinental telegraph cable section (Ligonier area)	30
Trinity Six receiver, Beacon Mfg., NY	100

Test Equipment:

B&K 650 Dyna-Quik tube tester	140
B&K 700 tube checker	130
Bell & Howell DeVry Unit #34 school oscillo- scope	40
DayRad tube checker	25
DayRad Type 180 Amateur radio production test oscillator	15
Fault finder, early 1900s	12
Heathkit CD-1015 oscilloscope	10
Hickok 605A tube tester, w/manual, e	375
Jackson 637 tube checker	57
Lafayette tube tester	25
Meissner analyst audio oscillator, RF-IF, 1330s	30
Philco 7001 volt-ohm tester	17
Philco 7052 dynamic mutual conductance tube tester	110
Philco 7070 RF signal generator	5
Philco 7100 color-bar & dot generator	5
Precision 920 dynamic electrometer	60
Precision 1471 oscilloscope, like new	35
Radio 5562 UHF/UHF field strength meter	25
RCA WR36A dot-bar generator, like new	7
RCA WR64A color TV color-bar dot generator, like new	5
RCA WV87B master voltomyst, like new	45
Simpson volt-ohm meter	10
TV A460 field strength meter	20
TV A470 linearity pattern generator	3

(Donald Swope, Box 41, Tremont, PA 17981)



A.R.C. RATES & POLICIES

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." Cash is 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. Originals must be the artwork size listed below. Send all artwork on disk or ask us to typeset it for you. Do not send in artwork on art board or send negatives. Please call for instructions on how to send your electronic ad. 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.

Add \$16.00 per photo for screening unless part of an existing electronic ad. 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 1/16-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 up Ad to make
	H x W (inches)	H x W (inches)	H x W (inches)	H x W (inches)					
Full	7 3/4 x 4 3/4	7 3/4 x 4 3/4	7 3/4 x 4 3/4	7 3/4 x 4 3/4	\$289.00	\$769.00	\$1329.00*	\$2325.00**	\$69.00†
1/2 H	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	3 5/16 x 4 3/4	146.00	389.00	675.00*	1175.00**	37.00†
1/2 V	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	7 3/4 x 2 1/4	146.00	389.00	675.00*	1175.00**	37.00†
1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	3 5/16 x 2 1/4	74.00	197.00	342.00	595.00	19.00†
1/8	1 5/8 x 2 1/4	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	1 1/4 x 2 3/8	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	1 1/4 x 2 3/8	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.: 1/4 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.

E-mail: arc@antiqueradio.com

Web: www.antiqueradio.com



A.R.C. RATES & POLICIES



CLASSIFIED ADS • DETAILS AND RATES

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. Cash is OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on opposite page 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 opposite page.

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 months up to your subscription expiration; 12-months, maximum) 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; v, 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] in ads.

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and non-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.

Classified ads must have a standard heading such as **WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, FREE.** 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.

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 opposite page.

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 Rates per Month

Deadline: NOON ET- 10th of the 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.

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.

E-mail: arc@antiqueradio.com

Web: www.antiqueradio.com



CLASSIFIED ADVERTISEMENTS

FOR SALE: Communication receivers, boat anchor to transistor. Send SASE for list. H. Felder, 7517 Granada Dr., Bethesda, MD 20817

FOR SALE: Radiotron Designer's Handbook: Langford-Smith, 1953, the red one, fourth edition, excellent condition - \$60. Mike Grimes, 5306 Creekside Ct., Plano, TX 75094. (972) 898-7251. E-mail: K5MLG@verizon.net

FOR SALE: Reproduction radio dial belts for radios of the 1930s and 40s. Made of durable non-slip 1/8 inch round polyurethane. Ready for installation, no cutting/gluing. Available for all makes and models. Complete details at www.Adamsradio.com. Adams Manufacturing Company, PO Box 1005, Lincoln Park, MI 48146

FOR SALE: Early Philco - Neutrodyne plus & radio speaker, 1920s. Truetime Western Auto Stores Model D-925-B, 1939 - Best Offer for each. Joel D. Wiseman, 245 Hopmeadow St., Weatogue, CT 06089. (860) 559-5956 or (860) 651-3531. E-mail: rwrbuild@aol.com

FOR SALE: Zenith #807Q R/P Cobramatic T.M. - \$95. Heathkit #10-4550 scope - \$69. **WANTED:** Philco chassis TH4, 42 KR3-5, PT 42-44. Bob Fuerderer, Holly Farm, 813 Rte 12A, Surry, NH 03431. (603) 352-3005. Fax: 603-355-2942

FOR SALE: Rare Millen Model 90831 modulator - \$450. Nice Kennedy 281 and 5Z1 amp - \$1,400. Working UV200 tubes - \$45 ea. Millen grid dip meter/coils - \$50. Stu Mount, W2AO, 18 Bedford Ave., Fishkill, NY 12524. (845) 896-2371

FOR SALE: 1901 pocket manual, Practical Compend of Electricity, Illustrated, by Laird & Lee - \$25. Book, 1955 hardcover, Electricity, Direct & Alternating Current, by Charles S. Siskind - \$5. Jim Ligouri, 7 Sycamore Ct., Atkinson, NH 03811. E-mail: jligouri@aol.com

FOR SALE: Hundreds of antique and collectible radios. Transistor radios, amplifiers, tape recorders, military radios, equipment, uniforms, test equipment; transcriptions; novelty radios, high fidelity; telephones; amateur receivers; loudspeakers; power supplies; cameras; microphones; scanners; earphones. UPS or stop in, call first. Visit Door County in October. New tubes: (add \$5 for shipping one or more) 6084 - \$17; 6973 - \$25. Tung-Sol 2A3 - \$34. RCA 2A3 - \$47.50. Raytheon 3B29 - \$18. Mullard 6L6 - \$50. RCA 6L6 metal - \$50. For new pages, 24-40, send 75¢ LSASE or \$1.09 LSASE for entire list. John Enigl, 5425 Tart Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

FOR SALE: Two 3B28 rectifiers N.O.S. - \$20 PS&H ea. or \$30 PS&H pair. Andy Cwalina, 19 Troon Way, Aiken, SC 29803. (803) 649-7064. E-mail: cwalina@nova.edu

FOR SALE: Emerson Model ED354, walnut cabinet by Ingraham, 5-tube, AC, original finish like new - \$175. Phil Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213. E-mail: philip1924@aol.com

FOR SALE: Whitney-Jensen Model 118 heavy duty commercial metal punch, complete with six round (3/16" - 1/2") and two rectangular punches and dies. Weight 103 pounds. Pickup only in Broward County, south Florida. A.J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536. E-mail: ni4q@juno.com

.....
 • A.R.C. Advertising Policy •
 • Sellers and Buyers, Please Note! •
 • Advertising is accepted only for early items •
 • related to radio, communication, etc. All •
 • items must be described fairly; reproduc- •
 • tions, reprints and not-original items must be •
 • so identified. Advertisers must agree to re- •
 • spond 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. •
 •

FOR SALE: RCA tombstone 810T, good cosmetic condition, missing two knobs - \$150 firm. Virginia Chen, 2609 Dudley Rd., Kilgore, TX 75662. (903) 984-4259

FOR SALE: GR 1644A Megaohm bridge - \$150. Manuals: GR 1217C - \$15. GR 726A - \$10. Ross Wolrab, 229 N. Oakcrest Ave., Decatur, IL 62522-18180. (217) 428-7385

FOR SALE: Solid-state car radios for Pontiac, Buick, Chrysler, late '50s or '60s - \$40 each or \$100 all + shipping; '49 Studebaker 8-tube Philco - \$85. '58 Studebaker-Packard - \$45; '52 Meteor (Canadian Marconi) - \$50. Harry Schesnuk, PO Box 2162, Newport, WA 99156. (509) 447-4630

FOR SALE: Used tested good bulk sale: 12BA6, 12BE6, 12AT6, 12AV6, 35C5, 50C5, 12AQ5, 12X4, 6BA6, 6BE6, 6AT6, 6AV6, 6AQ5, 6T8, 6U8, 6X4, 6C4, 6X4, 12AU7, 12AT7, 1R5, 1T4, 1U4, 1U5, 3S4, 3Q4, 3V4, 12SA7, 12SK7, 12SQ7, 35Z5, 35L6, 50L6, 3Q5, 1A7, 1H5, 1N5, 117Z6, 6SA7, 6SK7, 6SQ7, 6V6GTB, 5Y3GT. Select any (30) tubes, not more than two of any type, for \$50 + S&H. Double the price for N.O.S. James R. Lopaz, 5467 S. 975 E, Ogden, UT 84405. (801) 476-1470

FOR SALE: Crosley Collector Edition, CR-9 Jukebox Wall Box Selector transistor radio, mint - \$39. Sony portable TV, 5-303W w/case, raster (no video/sound) cosmetics vgc - \$19.90 + postage. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244

WANTED: AK 447 tombstone cabinet or complete set in any condition for cabinet parts. Joe Milano, 57 Hillcrest Dr., Wayne, NJ 07470. (973) 694-3721

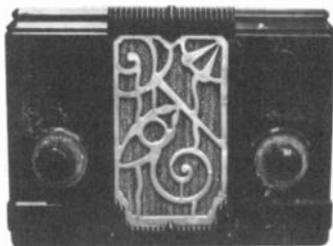
Classified Ad Deadline Noon

Oct. 10 for Nov. 2007 Issue

Nov. 10 for Dec. 2007 Issue

Photo & Display Ads - 1st

WANTED: WW II German or Swiss enigma code machine, German Geheimschreiber and Japanese purple cipher machines. OSS suitcase radios, US M-209 code machines, BC-611 walkie talkies, Navy MAB radios, Vietnam US PRC-90, PRC-77, PRC-25 and CIA Delco 5300 radio. Larry Pitman, 5424 Bryan Station Rd., Paris, KY 40361. (859) 299-5022. E-mail: zanzibar22@alltel.net



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, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: N.O.S. Delco auto radior parts, must be in original box. Hans Kleeman, 1070 Riviera Ave., Banning, CA 92220. (951) 845-4222

WANTED: Schematic and service for Knight Star Roamer II solid state version. George Darling, 2670 Taylor Rd., PO Box 393, Penryn, CA 96663. E-mail: georgedarling@lanset.com

WANTED: Hi-fi commercial speakers: Altec, Electro-Voice, JBL, Jensen, Goodmans, Tannoy, Stephens, Western Electric, working or not. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

WANTED: Tubes, tube testers, and Western Electric tubes from estates, shops, or collectors. Jeff Amdt, 4021 S. Parker Way, DePere, WI 54115. (920) 323-6789

WANTED: Spring assembly for Silvertone crank-up phonograph. Is: Seal Motor. Type: AA. No.: 184209. Spring: S. Mfg: H.G. Saal Co. Willing to buy entire assembly. Contact: Vincent E. Lobosco, 151 Farley Ave., Fanwood, NJ 07023-1060 (908) 322-4512. E-mail: vlobosco@comcast.net

WANTED: UTC transformer catalogs. Glassware for Porto Baradio PA510/PB520. Ye Olde Radio Shoppe, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-6864. E-mail: yeolderadioshoppe@oh.rr.com

WANTED: Junker Radiola VII B, Model AR 907. W. Boyd, 74 Atsion Ct., Medford, NJ 08055. (609) 654-0299

WANTED: Looking to buy nice Zenith 8S 647 chairside. Radio must be working and be in very good to excellent condition. Phone, fax or mail info. Gary Parker, PO Box 505, Maiden, NC 28650. (328) 428-9283. Fax: (828) 428-3246



WANTED: Air King Skyscraper radios, except for that unbearably ugly model with the third (tuning) eye: the top hat bears better resemblance to a flounder than to the face of a building. Please write or call collect: Rain Buttignol, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Console radios, Airline Model 133, Arvin Model 828A, Crosley Model 814QB in any condition. Do Jg Donaghu, 1033 Sheriffs Posse Tr., Prescott, AZ 86303. (928) 717-4973

WANTED: Automobile radio signs, ignition testing devices, point synchronizer, distributor testing machine, spring gauge. TCM, PO Box 363, Rotterdam Junction, NY 12150. E-mail: dkvean@capital.net

A.G. Tannenbaum

Electronic Service Data

PO Box 386, Ambler, PA 19002

Phone: (215) 657-0106

Fax: (215) 657-0520

STILL THE



FOR

Service Data — 1920s - Present

Credit Cards Welcome

Browse our on-line catalog at
www.agtannenbaum.com

FOR SALE: Atwater Kent dual speed tuner repair kit, complete details at www.adamsradio.com. Adams Manufacturing Co., PO Box 1005, Lincoln Park, MI 48146

FOR SALE: Hi-fi ads, B & O, OHM, Nakamichi and more. E-mail for list. Jon Golden, PO Box 715, Carlisle, MA 01741. (978) 371-5557. E-mail: jon@make3dimages.com

FOR SALE: Spartan Bluebird reproduction, exc - \$495. Zenith H-500 T.O. in original box, mint, call. Ted Demski, 5806 225 Pl. SW, Mountlake Terrace, WA 98043. (425) 778-7100. (425) 220-5261

FOR SALE: Vintage TV channel selector and signal booster with tubes, both nice - \$25 each. Bob Barr, 9660 S.E. Little Club Way N, Tequesta, FL 33469. (561) 741-1907

FOR SALE: Sub-miniature, wire-leaded tubes, 5702, 6021, 6110, 6111 used in WWII proximity fuses. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz_rhy@yahoo.com

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

FOR SALE: Supreme Radio Analyzer, Model 339, old, wood case, leather handle - \$20 plus shipping. Allen Partin, 114 East Rahn Rd., Dayton, OH 45429. (937) 269-4272

FOR SALE: Bogen 18-tube AM-FM monaural receiver with 35W built-in amplifier, w/schematic & paperwork - \$125. Thomas Rocheleau, PO Box 132, Franklin, MA 02038. (508) 528-3061, between 6-10 pm

FOR SALE: 1941 & 1942 Philco escutcheons, knobs and pushbuttons reproductions now available. Other various knobs and pushbuttons also available. Contact us for specific model numbers on escutcheons. Old Time Replications, 5744 Tobias Ave., Van Nuys, CA 91411. (818) 786-2500. E-mail: oldtimerep@aol.com. Web: <http://www.antiqueradioknobs.com>

FOR SALE: 1955 Sylvania Radio Tube Technical manual - \$15. 1964 Sams Transistor Amplifiers for Amateurs - \$12. Don Maurer, 7 Bricker Rd., Bemville, PA 19506. (717) 507-0628. E-mail: dmradios@aol.com Radiosale Web: <http://members.aol.com/dmradios/tube.html>



FOR SALE: (10) New reproduction grille cloth patterns. This previously unavailable cloth looks great on Airline, AK, Crosley, Emerson, Fada, GE, Philco, RCA, Silvertone, Sonora, Zenith, and many more. 10" x 12" - \$5 each; 16" x 24" - \$10 each. For a sample swatch of all 10 patterns, send - \$3 payable to: Bret's Old Radios, PO Box 51671, Denton, TX 76206. PayPal and e-mails to: bretsoldradios@att.net

FOR SALE: Craig 8-track stereo recorder, Model H-260 - \$75 includes shipping. Albert B. Casolari, Jr., 1812 Albany, Springfield, IL 62702. (217) 544-2187



New Jersey Antique Radio Club's Fall Swap Meet

Parsippany PAL building, Smith Field

Rt. 46 & 33 Baldwin Rd. Parsippany, NJ 07054

Saturday, November 3rd, 2007



8:00 AM to 1:00 PM - Open to the Public - Vendor Set-up at 7:00 AM

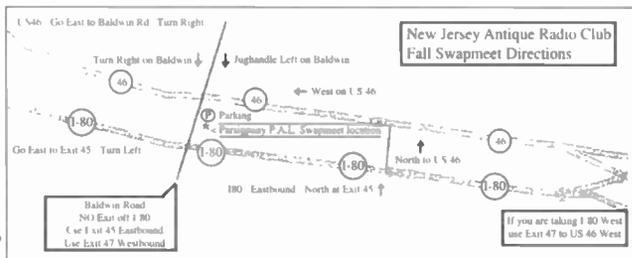
Easy access ground level hall with 70 8-foot tables. Table costs are \$20 for members and \$25 for non-members. Additional reserved spaces are \$15 (\$20 non-members). There is a \$5 entrance club donation. For directions, follow the map, visit our club website at www.njarc.org or "Mapquest" 33 Baldwin Rd., Parsippany, NJ 07054

Make your reservations
NOW by contacting:

President Phil Vourtsis,
13 Cornell Pl., Manalapan,
NJ 07726. (732) 446-2427
pvourtsis@att.com

Editor Marv Beeferman,
2265 Emerald Park Dr.,
Forked River, NJ 08731.
(609) 693-9430
mbeeferman@cs.com.

Vice President Richard Lee,
(845) 359-3809
Radiorich@prodigy.net.



Estes Auctions



*Specializing in Vintage Radios
Complete Auction & Appraisal Service*

Radio Auction

The George Freeman Collection

Saturday, October 20, 2007 – 10 AM EDT

at the Expo Auction Center

8157 Garman Rd., Burbank Ohio (Exit 204 off I-71)
then south on SR #83 to the Love's Truck Stop, turn left
onto Garman Rd. and follow one mile to the auction site.

We are pleased to offer this collection. George is well known to radio collectors. He has written many articles for the AWA Journal under Mics & Men. Also founding member of MSARC and owned several radio stations over the years. George is downsizing his collection and we are very privileged to offer the items. Radiola II, Radiola V, Radiola III, Radiola amp, Radiola IIIA, Kodel C-13, Hammarlund Roberts battery set, Crosley Pup, DeForest DT-603 crystal set, Kodel RX, World Radio 5-tube, Preiss Straight 8, Sun Glow Melody Chest radio, Wippel-Raine, Sun Radio, Andrews battery set, Harbison Gaithright battery set, Grebe MU-1, Cleartone battery set, Radak R-4, Westinghouse RA-DA, Crosley 51, Crosley 52, Crosley Trirdyn Special, Crosley 269, Crosley Ace, Sleeper 2600, Tilman battery set, Day Fan OEM-7, Handy 5-tube, Tri-City one tube, Sparton console w/867 chassis, WWII German Radio Siemens 32-GWB, WWII Japanese field phone radios, nice "Patsy Montana" and the Prairie Ramblers water pitcher, Quaker Oats early bird spoon, radio game cards, Phillip Morris cigarette radio, beautiful booklet "Ozarka Long Distance Radio Instruments," Midwell On The Air radio, Dumont TV & Hi-Fi sign, W-R-A-Y radio clock, Crosley neon sign, RCA Radio Batteries advertising clock, a Collins UR-390 URR receiver, BC-60X transmitter, a good selection of radio horn speakers, cone speakers, test equipment, lots of books and magazines, a large quantity of tubes to sell, radio parts, headphones, framed radio ads, a large display cutout for the "Tucker" movie about Preston Tucker's car company. Many other interesting items. Make your plans to be with us on October 20th. Preview Oct. 19 4 pm until 8 pm. Day of sale 8-10 am. Terms: Cash, check, Visa, MC. 5% gallery fee.

Richard Estes, K8LRY - Auctioneer

ESTES AUCTIONS

7404 Ryan Road

Medina, Ohio 44256

Bob Dobush & Bob White – Tubes

Kim Graca – Tech Support

Allan Ferris – Set Up

Mark Delauter – Set Up

Toll free: (888) 769-4992

Fax: (330) 769-4116

E-mail: estesauctions@aol.com

Web: www.estesauctions.com

Call us to sell one radio or an entire collection. Pick up service also.

FOR SALE: Navy Training Manual Electronics Technician 3; 1959; 838 pages vg, softcover - \$12 ppd. Henry C. Loos, 542 Tomahawk Ct., Palm Beach Gardens, FL 33410. (561) 352-8172. E-mail: hcloos@comcast.net

FREE - 20 WORD AD EACH MONTH

To get your free 20 words,
include your SUB# with your Ad.
Additional words are 29c each.
Read policy pages for details.
MANY THANKS!!!!

FOR SALE: Three tubes PL-4-400A N.O.S. Not in box - \$200 ea. One porcelain base - \$25. Wes Eaton, 9840 Swan Dr., Broken Arrow, OK 74014. (918) 279-0027. E-mail: weeaton@cox.net



FOR SALE: Portable 5-band receiver, Model TK-1849, with Candle trademark. (Same Model designation of that made by Kenwood). Nice chrome, leatherette, with pull-up antenna, and it works fine - \$59. Also, Kenwood TK-701-S five-piece transceiver system. Consists of home transceiver with attached AC power supply, desk mike, and (2) mobil transceivers, all 5 for - \$195. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, MA 02649. (508) 477-1578, before 9 pm EST, please

FOR SALE: Shure 520SL microphone. Silvertone 8052 (A.R.C. 4/07, p. 13.) GE 2H20 white wall clock. Blue princess rotary telephone. All above - \$18 each. Beautiful Truetone Stratoscope D2611, works - \$48. Sam Mannino, PO Box 6, Broomall, PA 19008. (215) 901-2093

FOR SALE: Zenith table Model 1942 wood 6D2620 beautiful cabinet - \$75 + ship. 1939 Air Castle wood table model, very good wood AM/SW, push buttons - \$75 + ship. Philco tombstone 37-620, very good cabinet, needs re-caps. Frank Vaillancourt, 292 Pike Rd., Marshfield, VT 05658. (802) 426-3509

FOR SALE: (2) Radiological survey meters, Model 6 - \$40 each. Garrard turntable RC88/4 - \$40. RCA 45 rpm turntable RP190-1, K274, 203 - \$30. Paul Lisowski, 5603 E. 100 N, Knox, IN 46534. (574) 772-2021

FOR SALE/TRADE: Consider mere paper dollars: National RAS-5 US Navy rack mounted version HRO w/175 Kc IFs, coil box, all coils, power supply & speaker, perfect... yes, it has the rack!; Westinghouse RA/DA, near perfect; Grebe CR-9, same; HRO Sr., early, round IFs, rare 7 coil box & speaker; Sangamo Pressley superhet, exc; RCA MI-13734, Deco 40s, coin-op radio, has all coin-op works & looks as new; National 1-10 VHF receiver, early 30s, all coils, 2 volt power supply, correct speaker, exc. **WANTED:** Coils, SW-3/SW-5 doghouse power supplies 2 & 6 volts; AC power supplies for ART-13 transmitter; Dynamotor DY-17 for same; military type Espy radios. Always buying: vintage broadcast mics, stands, tube compressors and pre-amps. Please note new address. We bought all the radios in East Tennessee and are now moving to Indiana to see if there's any left up there! Ward Kremer, KI4JHA, 57262 Poppy Rd., South Bend, IN 46619. Ph/fax: (574) 204-2877. E-mail: witzend99@comcast.net. Web: <http://www.radioattic.com/kremer>

CAPACITORS

ELECTROLYTICS



630 VOLT AXIAL LEADS

PART	VALUE	PRICE/25
.001-630	102K	\$6.00
.0022-630	202K	6.15
.0033-630	332K	6.20
.0047-630	472K	6.25
.0068-630	682K	6.35
.01-630	103K	6.50
.022-630	223K	7.00
.033-630	333K	7.25
.047-630	473K	7.50
.1-630	104K	8.00
.22-630	224K	15.00
.47-630	474K	20.00
1.0-630	105K	26.00

160 VOLT AXIAL LEADS

PART	VALUE	PRICE/25
10-160	10	\$13.00
22-160	22	16.00
33-160	33	21.00
47-160	47	24.00
100-160	100	30.00 NEW!

450 VOLT AXIAL LEADS

PART	VALUE	PRICE/25
10-450	10	\$18.75
22-450	22	28.00
33-450	33	36.00
47-450	47	45.00
100-450-10	47	\$20.00
100-450-10	100	28.00

PILOT LAMPS

NUMBER	PACK	PRICE
40	(10 PK)	\$2.75
41	(10 PK)	2.75
43	(10 PK)	2.75
44	(10 PK)	2.75
46	(10 PK)	2.75
47	(10 PK)	2.75
51	(10 PK)	2.75
57	(10 PK)	2.75 NEW PRICE
81	(10 PK)	4.50 NEW PRICE

Phone: 1-708-352-0648

Fax: 1-708-352-0647

Email: radiobob1@sbcglobal.net

Visit: RADIOANTIQUES.COM

BOB'S ANTIQUE RADIOS & ELECTRONICS

111 East 29th St., LaGrange Park, IL 60526

TO ORDER PLEASE SEND CHECK, MONEY ORDER OR PAYPAL.
AS ALWAYS, PACKED IN 25 & FREE SHIPPING WITHIN THE USA.

Collector's Guide To Antique Radios 7th Edition

NEW!

NEW!

By John Slusser & the Staff of Radio Daze



**Order
Today!**

**AVAILABLE
NOW!**

**Over 10,000 sets from the 1920s - 1950s
(14 additional manufacturers included)**

**Approximately 1,200 Color Photographs
(15% more than the last edition)**

Updated 2007 prices

\$24.95 - Softcover

Everything stocked and shipped promptly — Radio is our middle name.

**A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512
Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



(#41-Oct-07)

Order These Popular Books From Antique Radio Classified



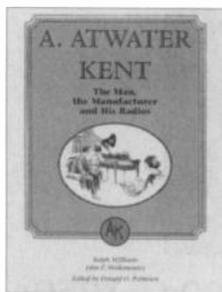
Collector's Guide to Antique Radios 7th Edition by John Slusser. 10,000+ sets from the 1920s to the 1950s. Updated 2007 prices. 1,200 color photos, 317 pages. — \$24.95



Philco Radio: 1928-1942, 2nd Edition by Ron Ramirez. A reference book on Philco. Shows receivers and company history year-by-year. 464 color photos, 364 B&W photos and drawings. 160 pages. — \$29.95

Collectable Transistor TVs, Bunis. *Identification and values for 150 transistor TVs from 29 manufacturers. B&W photos. 44 pgs.* \$19.95

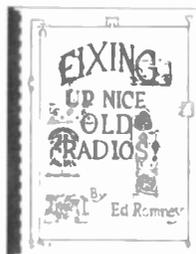
Classic Cones, Chidester. *Pictorial reference & value guide for 1920s radio cone speakers. 100s of color photos. 2001. 122 pgs.* \$25.95



A. Atwater Kent, The Man, the Manufacturer and His Radios by Ralph Williams and John P. Wolkonowicz. A compilation of the articles on Atwater Kent which were published in *Radio Age* by Ralph Williams in the 1970s. Covers 1920s Atwater Kent sets. Also included is John P. Wolkonowicz's 1976 article *WPI's Forgotten Millionaire*. This is a "must have" book for any Atwater Kent enthusiast. Donald O. Patterson, Editor. 108 pages. — \$25.95



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.

A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512

Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



(#1-2-Oct07)

Order These Popular Books From Antique Radio Classified

E.H. Scott.....

The Dean Of DX



4 History
of

Classic
Radios

By Marvin Hobbs - *Wasp Club Engineer 1938 - 1947*
Expanded Second Edition

E.H. Scott... The Dean of DX, the definitive book on the E.H. Scott Company for over 15 years, has been revised and expanded by author Marvin Hobbs with the assistance of John Slusser of Radio Daze Press. This is a "must have" book for any E.H. Scott enthusiast. 8 1/2 x 11", 240 pages. 2002 Second Edition - Expanded! Additional Chapters Color Photo Section - 24 pages - **\$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
7 ham books.
See our full page ad

The Collector's Vacuum Tube Handbook, Vol. 1, Millard. *Hard-to-find electrical data on 200+ tube types that pre-date the RMA standardized numbering system (1934). Basing diagrams, photos & brief developmental histories. 196 pgs.* **\$25.95**

Tickling the Crystal, Sanders. *Comprehensive coverage of British crystal sets from the 1920s. Volumes 1, 2, & 3.*

..... **\$64.95 each**

Zenith - The Glory Years 1936-1945 by Harold Cones, John Bryant & Martin Blankinship. Two Volumes:

History and Products
256 pages - **\$34.95**

Illustrated Catalog & Database
182 pages - **\$29.95**



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**

Everything stocked and shipped promptly — Radio is our middle name.

A.R.C., P.O. Box 2, Carlisle, MA 01741 - Toll Free: (866) 371-0512

Fax: (978) 371-7129 - E-mail: ARC@antiqueradio.com - Web: www.antiqueradio.com



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order. 10% off books.



(#1-2-Oct07)

Estes Auctions



*Specializing in Vintage Radios
Complete Auction & Appraisal Service*

Radio Auction

Sparton Nocturne – Catalin Radios

Saturday, November 17, 2007 – 10 AM EST

at the Expo Auction Center

8157 Garman Rd., Burbank Ohio (Exit 204 off I-71)

then south on SR #83 to the Love's Truck Stop, turn left
onto Garman Rd. and follow one mile to the auction site.

Estes Auctions will conduct the second part of the large collection of Catalin radios from a private collector. We will also offer a beautiful Sparton Nocturne. This very Deco chrome and mirrored radio is the very essence of the 1930s Deco period. It has black onyx glass that was installed after factory production. We will also include a large piece of blue cobalt mirrored glass to go with it. Some of the Catalin radios to be offered are an Emerson 400 green with brown swirls, DeWald 501 yellow, Addison Model 2 blue & white swirl, RCA 60X8 burgundy, Addison Model 5 black w/yellow, Emerson 1937 green, Motorola Model 50XC yellow, Fada 1000 burgundy, Fada Model 1000 blue w/yellow, DeWald Model 1450 yellow & red, Emerson AX-235 green & white, Emerson Patriot 400 red, white & blue, Bendix 526 MC green & black, Fada L-56 burgundy w/yellow, Emerson EP-375 green, Emerson BN-258 green swirl, Addison Model A2 white w/brown trim, Emerson EP-375, Garod 1B55L butterscotch/red trim, Fada 5F60AR yellow/black trim, Emerson 400 green/black trim, Sentinel 284 NR burgundy/yellow trim, DeWald A502, Emerson 1937, Sentinel 177U burgundy/yellow trim, Addison light blue/white trim, Emerson E-375 red/grey trim, General Electric black/yellow trim, Emerson AX-235 Little Miracle, Motorola 50XC yellow/circle grille, Fada Model 652 blue Catalin, Jewel Kadette radios lavender, brown, ivory, white/black trim, beautiful Fisk radiolette ivory with splashes of color in the cabinet, a Fisk radiolette in black, a Sonora TW-49 ivory & pink trim, Emerson 744, a RCA bookcase radio, Catalin jewelry case radio, San Francisco Golden Gate Bridge radio, many colorful and Deco style table radios of wood and Bakelite. We will also be selling many cathedral and tombstone style radios, ca. 1920s radio, speakers, several thousand tubes and many other items. Make your plans to be with us at the unique auction. Terms: Cash, check, Visa, MC. 5% gallery fee.

Richard Estes, K8LRY - Auctioneer

ESTES AUCTIONS

7404 Ryan Road

Medina, Ohio 44256

Bob Dobush & Bob White – Tubes

Kim Graca – Tech Support

Allan Ferris – Set Up

Mark Delauter – Set Up

Toll free: (888) 769-4992

Fax: (330) 769-4116

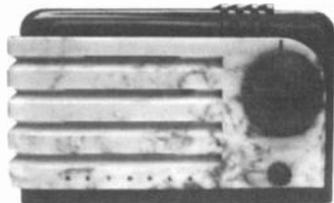
E-mail: estesauctions@aol.com

Web: www.estesauctions.com

Call us to sell one radio or an entire collection. Pick up service also.

WANTED: Voice of Music parts, accessories, literature. Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (248) 478-0990. E-mail: info@thevoiceofmusic.com

WANTED: Tubes: 12AL8, 12BE6, 12BF6, 1619, 7587. Webster-Chicago 288-1R wire recorder manual. Alan J. Kriss, 416 Norris Brook Rd., Middlebury Center, PA 16935. (570) 376-3952



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, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Parts for SRC-178, Donkey Radio, receiver for Aircraft frequencies. Bill Busch, K0IKP, 6678 Condor Run, Littleton, CO 80125. (303) 979-1860

WANTED: Service that repairs (replaces) 6" x 9" speaker cones that are damaged. Dan O'Halloran, 32995 Cedar Dr., Lake Elsinore, CA 92530. E-mail: dohalloran11@verizon.net

WANTED: Fisher/Dynaco tube stereo equipment. Carter Elliott, 1460 Pinedale Rd., Charlottesville, VA 22901. (434) 979-7383. E-mail: celliott14@aol.com

WANTED: Tube hi-fi/commercial sound equipment tubes: Altec, Fisher, Scott, Pilot, Eico, Marantz, Dynaco, Leak, Quad, Tannoy, Western Electric, etc. Sonny Goldson, 520 Pochontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

TRESCOLA



WANTED: Trescola Radio in good condition. Also Simple Simon or other Tresco radios made in Davenport, Iowa. Thank you. Bill Allen, 505 S. 8th St., Eldridge, IA 52748. (563) 285-6472

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

WANTED: 3-position off/on switch for GE H640 T.M. Jim Collins, 334 Wells Ave. S, Renton, WA 98057. (425) 299-7176

WANTED: Battery radios. Gerard Faassen, Heideweg 1, 5953 T.L., Reuver, Netherlands. E-mail: faassenhuberts@hitnet.nl

WANTED: Brush McCoy Mystic Bug crystal set, broken OK. Odd brand 201A tubes/boxes. Hal Kravig, W4OZL, PO Box 341361, Memphis, TN 38184. (800) 859-4436 (O)



RADIO REPAIR ON DVD

Makes A Great Holiday Gift!

Volume 1: The electronic and cosmetic restoration of one radio from start to finish, with basic tube and receiver theory, repairing original lacquer without stripping, and more!

Volume 2: Uses nearly a dozen **DIFFERENT** radios to cover schematic reading, signal tracing, alignment, coil and transformer testing, resistance line-cord replacement, intermediate tube & receiver theory, and lots more!

Volume 3: Learn to clean and polish all kinds of plastic radios, flawlessly repair cracks, and apply a fabulous painted finish. Finally, **mold and cast your own faux-Bakelite** parts to replicate missing louvers and fill cabinet holes!

Volume 4: Learn to refresh only the **damaged** areas and blend your repairs with the original finish! Repair chipped and missing veneer. Remove and re-use vintage veneers, even re-veneer an entire radio! Learn different grain-filling and lacquer-toning techniques, and how to achieve that elusive "piano-finish."

Any **SINGLE** Volume: ~~\$39.99~~ **NOW JUST \$29.99**

Any **TWO** volumes: ~~\$59.99~~ **NOW JUST \$49.99**

Any **THREE** volumes: ~~\$74.99~~ **NOW JUST \$59.99**

Or get **ALL FOUR** volumes: ~~\$84.99~~ **NOW JUST \$69.99!**

Visit www.bretsoldradios.com to view a preview

ALL ORDERS INCLUDE FREE U.S. SHIPPING!

Send check or money order payable to Bret's Old Radios at:

Bret's Old Radios P.O. Box 51671 Denton, TX 76206

Send **PayPal** and e-mails to: bretsoldradios@att.net

All material © 2001, 2004, 2005, 2006 Bret's Old Radios

FOR SALE: Stancor 10P transmitter with 80 meter coil and crystal - Make Offer plus shipping, WT. 15 lbs. R. L. Cory, 815 2nd Ave. W, Mobridge, SD 57601. (605) 845-2400

**PHONE NUMBER FOR
ANTIQUE RADIO CLASSIFIED
TOLL FREE (866) 371-0512**

Best time to call is weekdays:

9 am to 5 pm Eastern Time

(Please no classified ads by phone. Thanks!)

FOR SALE: Radio collection (purchase complete package): Radio 44 WT, works, vg; Radiola 60; Philco 514 WT and spkr, painted flower chassis, red; Radiola 103 spkrs, (2) qty., works; Radiola 25, vg; Tri-City radio Model W-4; Philco 40-190 console WT, works; Radiola 20, works, exc; Radiola 21, cabinet only, no chassis; Freed-Eisemann NR5, exc; Freed-Eisemann spkr Model 14; Radiola II, no earphone or lid; ceramic Temple spkr; Radiola 100-A spkr, cloth torn; Westinghouse Model H161; RCA Radiola 18, fair; RCA Victor tombstone 5T WT; Freshman Masterpiece, exc; AK Model 20 WT, exc; Crosley Trirdyne WT, mint; qty. (3) variable inductors; National SW-54 WT; Radiola 33, rough; RCA R17-M, works; AK big box for parts; exc Radiola IV cabinet - install chassis/horn/WT (299As), need diaphragm (you assemble and wire Radiola IV). Call or write W. Boyd, 74 Atsion Ct., Medford, NJ 08055. (609) 654-0299

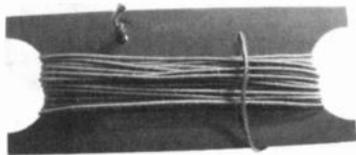
FOR SALE: Crosley 122 chassis - Make Offer. Claude Chafin, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-3391

FOR SALE: Changers: Need TLC Admiral RC 550, Webster Chicago 107-1, Webcor B141-2 - \$25 ea. plus ship. UTC Type PA2L6. Robert Rossi, 10936 Melbourne, Allen Park, MI 48101. (313) 386-8321

FOR SALE: RCA 3" scope Model 54-45, 7 tubes, w/ sweep & manual - \$17.50 + shpg. H. Mohr, 1005 W. Wyoming St., Allentown, PA 18103-3131

FOR SALE: Hammarlund RV-11 VHF receiver - \$125. Bendix BC-639-A VHF WWII lend-lease receiver - \$175. Bruce Beckeney, 5472 Timberway Dr., Presque Isle, MI 49777. (989) 595-6483

FOR SALE: Browning RV-31 all-tube FM tuner with tuning eye, unused for 45 years, still works perfectly! Exceptional condition, in custom cabinet - \$75. Maxwell Strange, 11710 Wayneridge Ct., Fulton, MD 20759. (301) 725-3858



FOR SALE: Indoor antenna. Just like the antennas used in AC-DC radios in the 1930s, these indoor antennas consist of 14 feet of Belden No. 8015 brown cotton-covered wire stored on a card. Your price is \$8 each with free shipping in CONUS. Ray Bintliff, 2 Powder Horn Ln., Acton, MA 01720-2014. Questions: w1ry@msn.com

FOR SALE: Antique radio schematics still only - \$3 ppd. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003. (304) 277-3154. E-mail: wa2trt@1st.net

FOR SALE: Clear plastic repro dial covers - \$18 ppd. U.S.A. Mark Palmquist, 5033 Arbor Ln., Lilburn, GA 30047. (770) 923-8929. E-mail: jmpalm@mindspring.com

FOR SALE: Hopalong Cassidy 441T paper backed foils. Either style - \$125 ea. shipped. Jack Gray, 1162 Broadmoor Dr., Napa, CA 94558. E-mail: trustmej@aol.com

FOR SALE: Antique radio schematics still only - \$3 ppd. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003. (304) 277-3154. E-mail: wa2trt@1st.net

FOR SALE: Microphones, CB radios, old ham gear. Send large SASE for inventory & prices. James M. Cole, 240 Gillespie Dr., Abingdon, VA 24210-2104. (276) 628-2835



PLASTIC RADIO DIAL COVERS

More than 900 molds for over 1,200 radios

WEST-TECH

Antique Radio Dial Covers

No Tracings Required
(some exceptions)

NO WAITING - QUICK TURNAROUND

West-Tech Services

570 Hazelgreen Rd., Smithville, WV 26178
Hours: M-F 10 AM - 5 PM Tel. (304) 349-2149

\$15 ppd!



E-mail: westtechservices@yahoo.com
Web: www.west-techservices.com

Eric's Auction Barn

18th Annual Radio Consignment Auction

... no buyer's fees ...

1000 Southwest (1 mile north of U.S. Rte. 50)
Olney, IL 62450 • (618) 392-2343

Sunday, October 28, 2007
Sale starts at 10:00 AM

For information contact: Wayne Martin.
701 Northdale Dr. Perryville, MO 63775
(573) 547-4292 • E-mail:
martinwm6947@sbcglobal.net

Estes Auctions



*Specializing in Vintage Radios
Complete Auction & Appraisal Service*

Radio Auction

The Richard (Dick) Bury Estate

Radio Collection – Part II

Saturday, November 17, 2007 – 10 AM EST

at the Expo Auction Center

8157 Garman Rd., Burbank Ohio (Exit 204 off I-71)

then south on SR #83 to the Love's Truck Stop, turn left
onto Garman Rd. and follow one mile to the auction site.

Estes Auctions will offer the remainder of items from Dick's superb collection including a huge selection of horn speakers, an Atwater Kent Model 12 breadboard, an Atwater Kent Model 10 breadboard, as well as many battery sets. We will include books and magazines from his radio library and also many radio parts. The November edition of *Antique Radio Classified* will have a listing of the highlights of this sale which includes another White Petal Burns Horn Speaker. Also included in this sale are cathedral and tombstone radios from an Ohio collector as well as many tubes, table radios, and several amateur radio receivers. This will be a sale you will enjoy. Make your plans to be with us on November 17th. Terms: Cash, check, Visa, M/C. 5% gallery fee. Preview: Friday, November 16th from 4-8 pm and 8 am until sale time at 10 am on Saturday.

Richard Estes, K8LRY - Auctioneer

ESTES AUCTIONS

7404 Ryan Road

Medina, Ohio 44256

Bob Dobush & Bob White – Tubes

Kim Graca – Tech Support

Allan Ferris – Set Up

Mark Delauter – Set Up

Toll free: (888) 769-4992

Fax: (330) 769-4116

E-mail: estesauctions@aol.com

Web: www.estesauctions.com

Call us to sell one radio or an entire collection. Pick up service also.

FOR SALE: (3) old Shure microphones, multi-impedance, Model 51, good working condition, original except new grille foam, with adapter cable for XLR – \$40 each plus shipping. Jerry L. Everhart, 278 Wildlife Rd., Lexington, NC 27292-2113. (336) 345-2443

FOR SALE: Ozarka 9-tube table radio, has brass tuning gang 46H75, not tested. 7-tube Zenith Walton, working, all original. AK #82 cathedral. (4) Scott radios in cabinets. Philco 60 cathedral, beautiful, exc, working – \$135. (2) #89 Philco cathedrals, complete – \$30 each. Some items still available from previous ads. Please call w/ your needs. I have 100's more. Bill Kalcik, Meadowbrook Resort, 1533 River Rd., Wisconsin Dells, WI 53965. Call (6708) 253-9855 after 9 PM CST

FOR SALE: Majestic cathedral fixer upper, 1932 – \$85. Hallicrafters Model #20 SW, vg – \$100. Zenith L507 SW, vg – \$50. Gilbert Simpson, 18 Beechwood Dr., Ansonia, CT 06401

FOR SALE: Pair reproducer heads: Western Electric 4A and Northern Electric T4A – \$25 plus shpg. Bill Ford, Box 606, Smiths Falls, Ontario, Canada K7A 4T6. (613) 284-0700

FOR SALE: Zenith console, 9-S-262, excellent. Atwater-Kent Model 20 compact. Pair of JBL D-131 speakers. Nicholas A. Vaksvik, 235 Marvin Ave., Los Altos, CA 94022-3702. (650) 279-9931

FOR SALE: Grebe Synchronphase instruction manual, 74-page copy, copyright 1926 – \$22. Ernie Nagy, PO Box 822, Elk Rapids, MI 49629. (231) 264-9412. E-mail: elnagy1599@webtv.net

FOR SALE: Fairbanks Morse radio, floor model, AM and shortwave, chassis rebuilt, cabinet excellent – \$500. Must pick up. Frank Pellizzari, 627 6th Ave., San Bruno, CA 94066. (650) 871-8907

FOR SALE: Many tube and transistor radios, parts, books, tubes, semiconductors and more. 15 pages, 14 lists, send 2-stamp LSASE. Bill Horn, 13110 Marsh Rd., Bealeton, VA 22712. E-mail: wehcol1@earthlink.net

FOR SALE: Bulk liquidations from dealer buyouts, radios, tubes, CB accessories, equipment, phonographs, needles, parts. Ray Seppeler, Sunshine Radio, 8 East Main St., Sodus, NY 14551. (315) 483-8451. Web: <http://www.sunrad.com/bargainlots/>

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: (74) assorted CD manual 1-100 – \$50 ship or pickup. Donald Swope, Box 41, Tremont, PA 17981

FOR SALE: Emerson 540 works, two hairlines, one nick on edge of case – \$98. Arvin 664D, refinished, works, looks good – \$50. GE H600U brown, mottled nice, not working – \$45 all plus UPS. Durell Derstine, 11185 County Hwy. 17, Detroit Lakes, MN 56501-7232. (218) 847-7415

FOR SALE: Zenith Bicentennial tube caddy full of tubes – \$25. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

FOR SALE: Bliley crystal controlled oscillator Model 1C. Seven IF and BC band frequencies – \$50. Norbert C. Wokasch, WAOKJE, 3312 W. Bijou St., Colorado Springs, CO 80904. (719) 633-5661

Antique Radio Swap Meet

Sponsored by New England Antique Radio Club

Saturday, October 20, 2007

Show Hours 7:30 AM to 12 Noon

Public Welcome — Plenty of Free Parking — Snack Bar — ATM

Manchester Bingo Center (Indoors!) 165 John E Devine Drive, Manchester NH

7:30 AM to 8:30 AM ... Admission During Dealer Setup ... \$15

8:30 AM to 9:30 AM ... Early Buyer Admission \$5

9:30 AM to 12 Noon ... General Admission \$2

Kids under 12 free with paying adult

For more info: Visit our website www.nearc.net or phone Charlie (603) 898-4821.

Directions

- ⇒ Use I 93 or Everett Turnpike (RT 3 in MA) or RT 101 to reach I 293 in Manchester NH.
- ⇒ Take I 293 Exit 1. Turn North (away from Mall of NH) onto South Willow Street (RT 28).
- ⇒ On South Willow Street after all the I 293 entrance/exit ramps, turn left at the second traffic signal onto John E Devine Drive & Gold Street. TD Banknorth is on your left. Friendly's Restaurant & Ice Cream is on your right.

WANTED: Power transformer w/175 VAC winding with at least 50 mA capacity. Louis L. D'Antuono, WA2CBZ, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612, 6 pm



WANTED: Motorola Catalin #'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, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

— **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

WANTED: A good 8-inch speaker for RCA Model 6T-1. Ed DeCann, 480 W. Main St., Apt. 5-B, Osakis, MN 56360. (320) 859-4282

WANTED: General Electric J-64 wood AM/SW table set, curved left side. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old_radios@yahoo.com

WANTED: Clean, working or restorable chassis for Airline Model 62-425 (The Indian Head). Richard Arnold, PO Box 275, Lone Grove, OK 73443. E-mail: arnold@brightok.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, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Stromberg-Carlson 601, Sleeper Monotrol 52, Thorola 57 battery sets. **HELP:** Need horn for Orchestron horn speaker. I have base and reproducer. Joseph L. Chambers, 6967 Kimberly Ln., Lithia Springs, GA 30122. (770) 819-0822

audioXpress

The Audio Technology Authority

*Subscribe to
12 Great Issues of
Hands-on Audio...*

BUILDING RESTORING MODIFYING

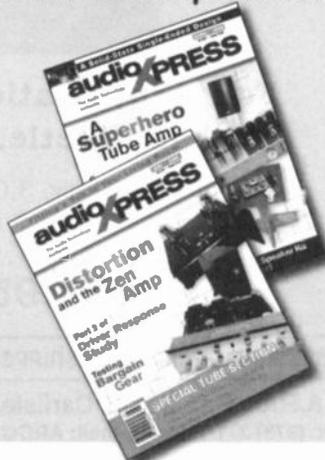
From vintage tubes to classic speaker designs and cutting-edge uses of today's technologies...find all of this and more in the pages of each monthly issue of *audioXpress*.

SUBSCRIBE TODAY!

Only \$37 for 12 monthly issues

You save \$47 off the cover price
CANADA ADD \$12 • OVERSEAS RATE: \$63.00

To subscribe call 1-888-924-9465
or order on-line at
www.audioXpress.com



audioXpress

PO Box 876, Peterborough NH 03458-0876 USA
Phone: 603-924-9464 • Fax: 603-924-9467

E-mail: custserv@audioXpress.com • www.audioXpress.com

The Antique Radio Collectors' Source Book **PLASTIC RADIOS**

By Mark V. Stein



**Order
Today!**

NEW!

**For identification of Catalin, Bakelite,
Plaskon, Beetle, Tenite & Styrene sets.**

Includes history, 3,000 radio listings with photos,
120 manufacturers

\$37.95 - Softcover

Everything stocked and shipped promptly — Radio is our middle name.

A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512

Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks).
Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders
shipped by next business day. If using credit card, include name on card, card number and expiration date. Send
payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



(#37-Oct07)

Radiola

The Golden Age of RCA

1919-1929

By Eric P. Wenaas



Documents & pictures every radio receiver and the major accessories sold by RCA during the first decade. Nearly 700 color photos of apparatus, magazine ads and promotional literature.

8 1/2 x 11" 485 pages

\$65 - Hardcover

Everything stocked and shipped promptly — Radio is our middle name.

A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512
Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



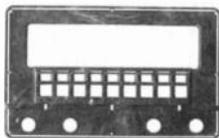
(#40-Oct07)

FOR SALE: Go to our website at gn4radios for an extensive listing of items for sale. For an up to the minute update, call (612) 727-2489 during business hours. We offer the highest quality electrical restoration for Zenith Trans-Oceanics and all other vintage radios, including the solid-state TOs New: S Type excellent repro Scott knobs. Scott Philharmonic Waverly Grande; Scott 16 Wilshire. We are the largest retailer of E.H. Scott radios with 7 excellent examples on our showroom floor at this time. Call for details. Zeniths: Super rare 15U246 McDonald chairside, only 5 known to exist; 12S245 McDonald chairside, mint condition; 15U271; 12U159 and many others. Trans-Oceanics: 7G605; R7000 and all of the others. RCAs: 128, 140, 816K. Also many other fine brands for sale. Restoration supplies. Request our free catalog. Visiting Minneapolis? We have the finest vintage radio showroom in the country with over 50 exceptional consoles on the floor, and shelves and shelves of table models. Experience our store, Great Northern Vintage Radios, just 5 minutes from the airport. We ship consoles and we do it right. We accept cash, check, money orders, plastic and Paypal. Alan Jespersen, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489. 11am-4:30pm, Tuesday-Friday, Saturday 10-3. Fax during business hours: (612) 821-4820. E-mail: alan@alanjaspersen.com and mte612@aol.com

FOR SALE: (25) National, Hammarlund & R-390A communication receivers. CT pickup only. Directions: <http://www.olderadiodoc.com/directions.html>. Full electronic overhauls available. Bob Eslinger, 20 Gary School Rd., Pomfret Center, CT 06259. (860) 928-2628. E-mail: bob@olderadiodoc.com

FOR SALE: 1" CRT #913, 3" CRT #3RP7, 3SP2, 3RP1, 3CP1. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz_rhy@yahoo.com

Philco knobs, pushbuttons, and escutcheons!



Quality marbled repros. **For 1941 models:** Escutcheon \$29.95. Knobs, set of four \$20. Pushbuttons, set of eight \$16 your choice opaque brown or non-marbled translucent wine red. **For 1942 models:** Escutcheon with gold trim as per original \$32.95. Knobs, set of four \$20. Pushbuttons, set of nine \$31.50. Money order gets immediate shipment. Add \$5 s&h. Calif. residents add 8.25% sales tax. **Old Time Replications**, 5744 Tobias Avenue, Van Nuys, CA 91411. Phone (818) 786-2500. Email oldtimerep@aol.com

1941 models 41-250, 255, 256, 280, 285, 287, 290, 296, 610
1942 models 42-355, 42-355T, 42-380, 42-380X, 42-390, 42-390X

FOR SALE: Crosley 62TD - \$45. Emersons: 522 - \$45, 779 - \$35, 813 - \$25. Firestone S74033, very pretty small wood - \$60. GE JCP562 - \$30. Guild Countrybelle - \$30. Muscaire, (Sentinel), wood AM/5W - \$30. RCAs: 4X641 - \$30, 6BX6C - \$25, 9X571 - \$35, 5Q56 good shortwave - \$30. Silvertone 7093 - \$50. Zenith 10S464 console, as is - \$100. Victrola VVXI stand up console, pick up only - \$275. Others. H.B. McMahan, 313 W. Shaw, Tyler, TX 75701. (903) 593-5433. E-mail: hbmc@att.net

**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: Philco 18, 20, 20 Deluxe, 60, 70, 80, 81, 89, 90, 91, 95 console & other Philcos, Radiola 17, 18, 80 console, 66, others. Zenith consoles: 10-tube with chassis 1005, another with chassis 5808, Model 411, others, inquire. Atwater Kent Keil table radio, AK 145 tombstone, RCA T8-14 tombstone, more. Send your want lists. I plan to attend Davidsonville, MD meet in October. Contact: Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: wlbgr@aol.com

FOR SALE: In Seattle, huge Bozak B-410 Concert Grandspeakers, E.H. Scott empty Philharmonic cabinet. V. Vogt, 2311 Pimmit Dr., #114, Falls Church, VA 22043. (206) 898-0880. E-mail: vcvsSeattle@msn.com

FOR SALE: Used tubes, tested good: 6E5, 80GT, 5U4GB, 42ST, 6V6GT, 27 - \$5 each. James S. Looney, 1135 Harman Junction Rd., Grundy VA 24614. (276) 531-6677

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 60% discount (\$2.00/each). Foreign orders other than Canada and Mexico: \$8.00 each by air.

A.R.C. UNCUT, UNFOLDED COVERS

June '91 to present - 9 1/2" x 12 1/2" - \$9.95 each
Postpaid to U.S., Canada, & Mexico

**A.R.C., P.O. Box 2, Carlisle MA 01741
E-mail: ARC@antiqueradio.com
Or Call Toll Free (866) 371-0512**

*Visa, Mastercard, American Express, Discover
Mass. residents, please add 5% sales tax*

WANTED: 16-tube or 25-tube Zenith Stratosphere, complete or cabinet only. Chassis parts also needed. Will trade from our vast array of fine radios. Alan Jespersion, 5200 Bloomington Ave., Minneapolis, MN 55417. (612) 727-2489. Fax: (612) 821-4820

WANTED: Pearlescent, transparent, chrome, or Mike Todd Regency TR-1, \$2,000+. Admiral 7L solar pack. Paul Farmer, Time Out of Mind Radio, PO Box 352, Washington, VA 22747-0352. (540) 987-8759. E-mail: oldradiotime@hotmail.com

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

WANTED: 1950/60s kit radios (tube or transistor) and loopstick antennas. Larry Daniel, 3112 Seton Hill Dr., Bellbrook, OH 45305. (937) 848-8892. Email: LDaniel102@aol.com

WANTED: Speakers for: Radiola 66, Silvertone 1650, Philco 90, Grunow 750, Airline 62-101, 62-318 chassis & spkr. Keith Park, 31 Barkwood Ln., Clifton Park, NY 12065. (518) 373-0417. E-mail: topnotch@nycap.rr.com

WANTED: Serious collector paying top \$\$\$ for jazz and blues 78 rpm records, movie posters and memorabilia and concert posters. Ralph Deluca, 157 Park Ave., Madison, NJ 07940. (800) 392-4050. E-mail: ralph@ralphdeluca.com

WANTED: Guitars/amps/effects pedals, Vox, Selmer, Marshall, Gibson, Fender, Gretsch, Ricken Backer, FuzzFace, Cry Baby, Electro Harmonix, etc. Sonny Goldson, 520 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

WANTED: Crosley Model 608 Gambox parts set and/or variable condenser for same. Thanks. Ray Donik, 3203 Szold Dr., Pikesville, MD 21209. (410) 358-9264



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 Buttignol, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Pre television tube collections, early scientific items, pre-1924 radios, amplifiers, detectors, literature. Steve Wallace, 3707 Pricetown Rd., Fleetwood, PA 19522. (610) 944-7230. E-mail: soidar@verizon.net

WANTED: Back, bottom cover for Admiral 4Z12, 14, 18, 19 (1954). Front cover for 1941 Philco Model 41-843. **FOR SALE:** Sams TR61, AR23, AR156. Aijala Repair, 50 Fir Cir., Babbitt, MN 55706

WANTED: Schematic diagram and instruction sheet for a Superior Instruments Model TW-11 tube tester. J.C. Toms, 1074 Spring Bay Rd., East Peoria, IL 61611

WANTED: I pay \$40 for N.O.S. EM34 (6CD7) or EM35 eye tubes for my German radio repair. Frank Karner, 12432 Elizabeth Cove, Midwest City, OK 73130. (405) 769-4656. E-mail: fkarner@cox.net

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-1900 Telegraphy • Pre-1925 Radio or Wireless
Pre-1940 Television • Pre-1950 Computers • 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.

**NOTE: NEW
ADDRESS &
TELEPHONE
NUMBERS**

**New Wireless Pioneers – Jim & Felicia Kreuzer
1541 Bronson Rd., Grand Island, NY 14072
Phone: (716) 773-4999 Fax: (716) 773-5757
wireless@pce.net www.marconi-wireless.com**

FOR SALE: General Electric 1920s induction disc phonograph motor, Model 26359 - \$300. Gary Henman, 11102 N. Hwy. 421, Madison, IN 47250. (812) 689-5082

FOR SALE: Zenith console Model 10S669, all original, beautiful, pick-up - \$300. Mark Schoen, E. 7340 Nietzsche Rd., Clintonville, WI 54929. (920) 739-3830

FOR SALE: AK 84B cathedral - \$725. Radiola 3 with WD-11 tubes - \$395. All excellent. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (973) 694-6374

FOR SALE: Quantity pricing on overstock. Radios, needles, tubes, CB accessories, equipment, data. Ray Seppeler, Sunshine Radio Museum, 8 East Main St., Sodus, NY 14551. (315) 483-8451. Web: www.sunrad.com/newbargainlots.html

FOR SALE: Nice looking Philco 37-610 tombstone, working - \$75. 10" field coil speaker, works - \$20. Tom Guastella, 1633 W. 11th St., Brooklyn, NY 11223. (718) 256-8367

FOR SALE: Library containers for 7" reel-reel tapes, 30 for - \$30. Jim Gauldin, 134 Hawthorne Dr., Danville, VA 24541. (434) 791-2286. E-mail: jimgauldinsr@earthlink.net

FOR SALE: Atwater Kent Model 52 stove, very good condition, plays well. More information & photos available. Irv Sanders, 242 Hunter Ln., Harrisburg, PA 17112. E-mail: radioirv@verizon.net

FOR SALE: Audio amp schematics late 1940s and 1950s - \$3.50 ppd. Gene Kidd, 1807 Van Buren, Amarillo, TX 79102. (806) 376-9811. E-mail: gandc2@suddenlink.net

FOR SALE: Radiola 82 dual chassis, vg, complete with tubes, including (2) ea. 45s - \$75 OBO. David Boyle, 1058 Colt Cir., Castle Rock, CO 80109. (303) 681-3258

FOR SALE: Automatic Radio Co. TT-600 Tom Thumb hybrid transistor radio, excellent, works - \$375. David Davies, 1019 Deer Run, Venice FL 34293. (941) 408-9876. Pictures: radiogremlin@verizon.net

FOR SALE: Realistic DX-160 - \$85; Zenith H511F - \$75; Hallicrafters S-38A - \$75; Knight Star Roamer - \$75. Ernest Odeneal, K5QJF, 2710 Lee St., Greenville TX 75401. (903) 455-2113/455-5788. E-mail: odeneal@geusnet.com

FOR SALE: Items in old ads & new additions: radioexchange.net, for sale, IL, richestequip. Richard Flaws, 212 Mondovi Dr., Oswego, IL 60543. (630) 554-9207, before 9 pm CT

FOR SALE: 8-track tape player, solid-state, looks and plays, vg - \$35 plus S&H. Leroy Neal, 603 Butterworth, Dyersburg, TN 38024. (731) 285-5120, after 8 pm CDT

FOR SALE/TRADE: Zeniths: 8S463, 10S464, 10S690, 10S669. Emerson & Stromberg-Carlson 15 tubers + others. Delivery: Willowbrook, Rochester, Burbank. C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings. E-mail: ken@kennevins.com

FOR SALE: 833A and C xmtg tubes, new unused N.O.S. R. Nelson, 10008 Belmont Rd., Minnetonka, MN 55305. Message phone: (952) 545-5310

FOR SALE: Crystal radio kits, complete with face panel, base board, variable capacitor, pre-wound coil and many parts for old style radio - \$22. Carl D. Beier, 1080 Josephine St., Lincoln Park, MI 48146

FOR SALE: 1936 Zenith console 8S154, restored chassis, works great, original grille cloth and cabinet in very good shape - \$450, pick up only. Dick Friedman, 1502 Elmwood, Wilmette, IL 60091. (847) 256-1432



BUY/SELL

TUBES

NEW & USED

SEND FOR OUR "WANT LIST"

OR

OUR FREE CATALOG

ELECTRON TUBE ENTERPRISES

P.O. BOX 652

SPRINGVALE, ME 04083

TEL: 207-490-5870

FAX: 207-490-2228

Visit or contact us via our web site at:
<http://members.aol.com/etetubes>

ELECTRIC RADIO



Are you tired of plastic modern radios that you can't work on and are hard to understand? Are you looking for information on restoration of quality vintage receivers and transmitters? Electric Radio is the magazine for you! In print since May, 1989, we also have the largest vintage-only Ham classified section available. Please send \$1 for a sample copy to:

ER, PO Box 242, Bailey CO, 80421
720-924-0171 email: 1editor2@indra.com
WWW.ERMAG.COM



WANTED: Sams Transistor Radio Service Manuals TSM 13, 14, 15 and 109. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: Owner's operating guide/schematics for Inovonics 231 Map II audio processor. Thanks! John Sampson, 75 Glenwood Dr., Leominster, MA 01453. (978) 537-0092. E-mail: sampsonj.mass@drcn.com

**CAN'T FIND THAT MODEL?
Place a free 20-word Wanted ad
and let it find you!**

WANTED: Film movie dial for a 1938 Montgomery Ward radio Model 62-293. Most models will fit. Ray A. Trujillo, 23 Garden Park Cir. NW, Albuquerque, NM 87107. (505) 344-7858

WANTED: Radio aircraft frequencies, SRC-178, legs, cables, generator, test equipment latches, manual OS-8G/U. Bill Busch, K0IKP, 6678 Condor Run, Littleton, CO 80125. (303) 979-1860

WANTED: Tuning dial for Kennedy Model 5, or parts set; Philco Model 51 complete parts set. Mark Detgen, 1700 N. 5th St., Springfield, IL 62702. (217) 527-8119

WANTED: General Electric H-73, wood tabletop circa 1940. Al Payne, 670 Southwood Dr., Uniontown, OH 44685. (330) 896-0008. E-mail: paynemd@prodigy.net

WANTED: Royale or Regal Mid-West console radios. Bob Lutz, 9100 Noland Rd., Lenexa, KS 66215. (913) 634-0816. E-mail: no.60@sbcglobal.net

WANTED: Arvin tombstone 417 Rhythm Baby. Top cash for correct, working unit. Howard Worley, 116 S. Butler St., Saxonburg, PA 16056. (724) 352-4151. E-mail: w3hvw@arrl.net

WANTED: Zenith Trans-Oceanic Model 7G605 parts or radios, any condition. Joe Kiser, 6160 S. Olathe St., Centennial, CO 80016. (303) 680-1589

WANTED: Broadcast microphones. Early carbon, condenser, ribbons, etc. James Steele, PO Box 610, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphone collectors website: <http://www.k-bay106.com/mics.htm>

WANTED: Pre-1925 Zenith and Chicago Radio Laboratories. I pay top dollar. Scott Morton, 3011 Hudson, Erie, PA 16508. E-mail: mrzenith@aol.com

WANTED: One shot glass & 4 decanters for Pla-Pal Pokeradios ca. 1934. Joseph DiCaro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. (905) 848-7759. E-mail: decoradio@primus.ca

ANTIQUe TUBES

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

See www.fathauer.com for listing
For catalog e-mail: tubes@qwest.net
or send request to:

George H. Fathauer & Assoc., LLC

123 N. Centennial Way, Ste. 105, Mesa, AZ 85201

Phone: 480.968.7686 Fax: 480.649.3718

Call toll free: 877.307.1414

WANTED: For RCA changer P/N960260-Z-K, 1945: I need only the small details that are on the cycling cam. Anton Johannes, 3503 Route 52, Pine Bush, NY 12566

WANTED: Transformers, old. One Air King plug-in Type, 100-200 meters R. Ft. and one audio-frequency transformer, AFT. Need for Radio Treasure Finder in 1932. Write. Steve Gilliland, 4581 Fairground Rd., Celina, OH 45822



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, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Finders fee of \$50 to anyone who puts me in touch with an owner of a Sterling Model R-517 tube tester. Photo of instrument proof. Charles Kirsten, 7626 Cloudy Bay Ct., Rancho Cucamonga, CA 91739. (909) 803-2447

WANTED: Parts for SCR-178: Insulator IN-85, insulator side mounts, GN-37 generator, lamp LM-18. Rob Forte, PO Box 160, Lake Luzerne, NY 12846. (518) 696-2400

WANTED TO BUY

**Collections and estates
complete service**

We pick up!

No packing or shipping

CASH PAYMENTS

Call: 336-547-8744

E-mail:

exceptionalradios@triad.rr.com

FOR TRADE: My fold-over, crank up tower, rotator & beam for your Kennedy 521 & 281. A. Bruno, W2ZUP, 24 Butternut Dr., New City, NY 10956. (845) 354-8899

MESSAGE: Please see my new For Sale page: <http://tubesandtransistorsandmore.com/For-Sale.htm>. Dave's Antique Radio and TV Restorations, 10068 Carousel Center, Syracuse, NY 13290

MESSAGE: Please note our new address. We have bought all the radios in East Tennessee and are now moving to Indiana to see if there's any left up there! Ward Kremer, K14JHA, 57262 Poppy Rd., South Bend, IN 46619. Ph/fax: (574) 204-2877. E-mail: witzend99@comcast.net

MESSAGE: Attend our big November sale. 25% off radio, technical books. Details? Visit www.roundthemountain.com. Bequaert Old Books, Box 775, Fitzwilliam, NH 03447. (603) 585-3448. E-mail: info@beqbooks.com

HELP: I need the front dial escutcheon for a table model 1938 Silvertone radio. This dial escutcheon was on two Models: 4667 and 4677. I will be willing to purchase a good mold or copy. Contact: Charlie Poplin, 3518 Courtland Dr., Durham, NC 27707. E-mail: popawapado1@yahoo.com

SERVICES: Antique Radio of Iowa, experienced collector, will repair your home tube radios and auto, 30s thru 60s (no foreign), speaker service, cabinet restorations and more! PayPal welcome. Communicate first. Don Nordboe, 3131 Avenue A, Council Bluffs, IA 51501-1948. (712) 322-2255, CDT. E-mail: dnordboe@aol.com. Web: www.antiqueradioofiowa.com

SERVICES: Radio schematics - \$3 plus #10 SASE. Steve Rosenfeld, 113 Station Dr., Forked River, NJ 08731. E-mail: oceangate@comcast.net

SERVICES: All American Five-Tube, table radio restoration special - \$49.99. 6-Tube - \$59.99. Call for details. Dave's Antique Radio and TV Restorations, 10068 Carousel Center, Syracuse, NY 13290. (315) 457-5099. E-mail: dave2@borg.com. Web: www.borg.com/~dave2 or www.dreamscape.com/dave2/daves.htm or www.tubesandtransistorsandmore.com

SUBSCRIBERS:

Don't forget to use your free 20-word ad each month!
Let buyers know where they can find you at upcoming meets!

SERVICES: Repair/replacement meters, over two hundred available prior to 1930. Ye Olde Meter Cellar, Leonard W. Cartwright, 16730 N.W. Pebble Beach Way, Beaverton, OR 97006. (503) 690-0472. E-mail: lencartwright@msn.com

SERVICES: Tubes, parts, supplies and literature. Your source for all your radio needs! Antique Electronic Supply, 6221 S. Maple Ave., Tempe, AZ 85283. (480) 820-5411. Web: www.tubesandmore.com

SERVICES: Glayzit Bakelite restorer. Will bring back the shine on almost any condition Bakelite radio case - \$10.99 per can + \$4 shipping. Go to Radiotiques.com or send \$14.99 to: Jeff Goldstein, 4 Curry Ct., Wilmington, DE 19810

SERVICES: Repair & restoration of pre-1960 televisions, Predictas, auto radios, jukebox amps, vintage AM/FM tuners. 40 years experience. Tom's Antique Radio, 8 Howe Ln., Millbury, MA 01527. (508) 865-6293

SERVICES: Professional restoration of antique radios and vintage hi-fi. Repairs, upgrades, & detailing. Mike Urban, 58 Naugatuck Ave., Milford, CT 06460. (800) 594-4359. Web: www.urban-antiqueradio.com

Visit the A.R.C. Web Site!

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

Our site includes highlights from current and recent issues:

- Editor's Comments
- Image of the Cover
- Featured Articles
- Radio Miscellanea
- Classified Ads

- Plus:
- Book Reviews
 - Coming Radio Events
 - Radio Club Listing
 - List of Books for Sale
 - Subscription Information
 - Links to Related Web Sites

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!

THANKS!

*Thanks for suggesting
A.R.C. to your friends.*

*Did you know that nearly 20% of
our new subscriptions come from
referrals from subscribers?*

So spread the word about A.R.C.!

*Give the center coupon to a
collector, or ask us to send a
friend a free sample copy.*

*Help A.R.C. and
radio collecting grow!*

Estes Auctions



*Specializing in Vintage Radios
Complete Auction & Appraisal Service*

Radio Collection Extravaganza

Saturday, December 1, 2007 – 10 AM EST

Victor, New York – 7263 Pittsford-Victor Road

This will be an auction that offers items for all collectors: early radios, breadboards, horn speakers, tubes, cathedral, tombstones, wood and Bakelite table radios, and parts sets. Some of the items are: DeForest DT-700, DeForest DT-600, Western Electric 7A amplifier, Western Electric 4B receiver, Massie Telegraph System, DeForest D-12, Federal Jr. crystal set, Aeriola Sr., Telefunken Wireless Telegraph wavemeter, Atwater Kent breadboard radios, many ca. 1920s battery sets. Several thousand tubes, tube caddies, Riders manuals. Other radios in the sale include: Tiffany Tone 60, Philco 610, US Apex, Gloritone 26P, Crosley 515, Philco 38-89, United Air Cleaner, Philco 51, Audiola Jr., Clarion 470, Philco 20, Colonial 36, Sparton 536, Gloritone 27, Philco 60 (5), General Motors 110MB, Geneva 36, Philco 50, General Electric 53, Philco 90A, Atwater Kent 944, Airline 7D, Crosley 642, Philco 90, Philco 89, Philco 14B, Fred W. Stein Aztec, Philco 84, RCA T-5-2, Gloritone 26P, Zenith 5R135, Lyric S-7, Delco 3201, Stromberg-Carlson 345F console, Silvertone 7068 console, Atwater Kent 30 console, Atwater Kent 40 w/speaker, RCA 9X572, Zenith H724Z2 (2), Zenith 5K03, Zenith A513G, General Electric 218, Philco 51-531, Zenith Y723, Philco 41-608, Silvertone 6152, Truetone 6A50, Atwater Kent 145, Philco PT-12, Firestone Air Chief 4-A-20, Zenith 1207, Stromberg-Carlson 49-A, Philco 41-295, RCA Radiola 17, RCA 813K, Atwater Kent 37, Philco 48-214, American Bosch Amborola, Stewart-Warner 900 w/speaker stand, Sparton 5-515, General Electric F-665, Atwater Kent 30, RCA 100 spkr, Brandes spkr, Zenith 5808, Eveready 3 speaker, RCA 100A spkr (3), Browning-Drake, Philco Transitone 48-255 (2), Zenith 6S152 (2), RCA 8BX5, Zenith 7H918, RCA 2X61, Zenith J615, Philco 20, Zenith T505, Crosley JT3, Guild Country Belle, RCA 56X1, Zenith H72521, Freshman G-10, Motel bedside radio, Truetone D1144, Majestic 70B, RCA C8-15, Atwater Kent 37, Philco 18, General Electric E-105, Philco 48-1263 (2), Philco 65, Philco 40-195, Philco 87. So make plans to be at this sale as most of the radios work and are in good condition. Terms: Cash, check, Visa, M/C. 5% gallery fee.

Richard Estes, K8LRY - Auctioneer

ESTES AUCTIONS

7404 Ryan Road

Medina, Ohio 44256

Bob Dobush & Bob White – Tubes

Toll free: (888) 769-4992

Kim Graca – Tech Support

Fax: (330) 769-4116

Allan Ferris – Set Up

E-mail: estesauctions@aol.com

Mark Delauter – Set Up

Web: www.estesauctions.com

Call us to sell one radio or an entire collection. Pick up service also.



PENNSYLVANIA - Sep. 29

**PITTSBURGH ANTIQUE RADIO SOC.
DONATION AUCTION & MEETING**

Pittsburgh, PA - Brentwood Presbyterian
Church, 3725 Brownsville Rd.

9:30 am - 2:30 pm

Ted Depto: (814) 674-8834

www.pittantiqueradios.org

WASHINGTON - Oct. 6

**RADIO ENTHUSIASTS OF PUGET SOUND
MEETING**

Seattle, WA - Queen Ann Library
400 W. Garfield

2 pm

Info: REPS - (206) 488-9518

www.repsonline.org

TENNESSEE - Sep. 29

**MEMPHIS ANTIQUE RADIO CLUB
6TH ANNUAL SWAP & AUCTION**

Henderson, TN - Gazebo Square Downtown

9 am - 1 pm

Info: Ray Eaton - (731) 989-7089

E-mail: reaton@fhu.edu

ILLINOIS - Oct. 7

**ANTIQUE RADIO CLUB OF ILLINOIS
SWAP MEET**

Carol Stream, IL - American Legion Hall
Parking Lot

7 am - 11 am

Info: www.antique-radios.org

clubinfo@vintage-radios.org

OHIO - Oct. 2

**ANTIQUE RADIO COLLECTORS OF OHIO
MEETING**

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogle - (937) 294-8960

karlkrad@genmair.com

NEW YORK - Oct. 7

**GREATER NEW YORK VINTAGE
WIRELESS ASSOCIATION
SWAP MEET & MEETING**

Seaford, NY - 3870 Sunrise Hwy.
(1/4 mile east of Seaford-Oyster Bay Expwy)

8 am - 1 pm

Info: Jim Koehler - (516) 623-0035

Rich Lee - (914) 589-3751

ARKANSAS - Oct. 4

**ANTIQUE RADIO COLLECTORS CLUB
OF FORTH SMITH
MEETING**

Fort Smith, AR - First Baptist Church
1400 Grand Ave.

7:30 pm

Info: Paul Tucker - (479) 782-8178

GEORGIA - Oct. 8

**SOUTHEASTERN ANTIQUE RADIO SOC.
MEETING WITH SHOW & TELL**

Norcross, GA - Fire Mountain Rest.
Jimmy Carter Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619

www.sarsradio.com

CALIFORNIA - Oct. 6

**CALIFORNIA HISTORICAL RADIO SOC.
CENTRAL VALLEY CHAPTER
SWAP MEET**

Merced, CA - Corner of 13th & "X"

9 am

Info: CHRS Hotline - (415) 821-9800

www.californiahistoricalradio.com

MISSOURI - Oct. 9

**ANTIQUE RADIO COLL. & HIST. OF
GREATER ST. LOUIS
MEETING**

Kirkwood, MO - Kirkwood Comm. Ctr
111 S. Geyer Rd., Room 201-A

7:30 pm Meeting, Show & Tell, Swap Table

Info: Derek Cohn - (314) 725-2333

vibroplex@mindspring.com

NORTH CAROLINA - Oct. 9

**EAST CAROLINA ANTIQUE RADIO CLUB
MEETING**

Greenville, NC - Sheppard Memorial Library
Meeting Room A, 530 Evans St.

7 pm

Info: Herman Schnur - (252) 752-2264

OHIO - Oct. 9

**SOCIETY FOR THE PRESERVATION OF
ANTIQUA RADIO KNOWLEDGE
MEETING**

Centerville, OH - Donatos Pizzeria
7912 Paragon Rd. • 7 pm

Info: Jeff Bothwell - (937) 854-7106

jbothwell@butlertownship.com

ONTARIO - Oct. 9

**OTTAWA VINTAGE RADIO CLUB
MEETING**

Ottawa, Ont. - The Ottawa Citizen
Conference Room, 1101 Baxter Rd.

7 pm

Info: OVRC - (613) 832-3097 - www.ovrc.org

PENNSYLVANIA - Oct. 9

**DELAWARE VALLEY HIST. RADIO CLUB
MEETING - SWAP - AUCTION**

Telford, PA - Telford Community Building
Hamilton & Hamlin

7:30 pm

Info: Delaware Valley Historic Radio Club

PO Box 5053, New Britain, PA 18901

www.dvhrc.org

ARKANSAS - Oct. 11

**ARKANSAS ANTIQUE RADIO CLUB
MEETING**

Call for location and directions

7 pm

Info: Tom Burgess - (501) 455-0773

NEW JERSEY - Oct. 12

**NEW JERSEY ANTIQUE RADIO CLUB
MEETING**

Princeton, NJ - The David Sarnoff Library
U.S. Route 1

7:30 pm

Info: Marv Beeferman - (609) 693-9430

Phil Vourtsis - (732) 446-2427 -

www.njarc.org

INDIANA - Oct. 13

**INDIANA HISTORICAL RADIO SOCIETY
FALL FOLIAGE MEET**

Greenfield, IN - Riley Park Shelter
1 block N. of US40 on Apple St

Swap meet, contest, lunch

7 am

Info: Glenn Fitch - (765) 565-6911

Fred Prohl - (812) 988-1761

www.indianahistoricalradio.org

OKLAHOMA - Oct. 13

**OKLA. VINTAGE RADIO COLLECTORS
MEETING**

Oklahoma City, OK - Hometown Buffet
3900 N.W. 63rd St.

6 pm: Dinner - 7 pm: Meeting

Info: Frank Karner - fkarner@cox.net

(405) 769-4656

<http://members.cox.net/okvrc/>

OREGON - Oct. 13

**NORTHWEST VINTAGE RADIO SOCIETY
MEETING & TAILGATE SWAP**

Oregon City, OR - Salvation Army Rose Ctr
10 am

Info: www.nwvrs.org

TENNESSEE - Oct. 13

**NASHVILLE VINTAGE RADIO CLUB
FALL SWAP MEET**

Nashville, TN - Assoc. Builders &
Contractors Building (inside)

1604 Elm Hill Pike

7 am - 1 pm

Walk around Auction: 10:30 am

Info: Larry Chambers - (615) 355-2005

NEW MEXICO - Oct. 14

**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, Show & Tell and Auction

Info: Chuck Burch - (505) 286-9674

chuckBurch@aol.com

<http://members.aol.com/NMRCC>

**Submission Deadline for
November issue is Oct. 5
December issue is Nov. 5**

MARK YOUR CALENDAR

Sep. 29 - PA, Pittsburgh - PARS Donation Auction
Sep. 29 - TN, Henderson - MARC Swap Meet
Oct. 2 - OH, Dayton - ARCO Meeting
Oct. 4 - AR, Fort Smith - ARCC Meeting
Oct. 6 - CA, Merced - CHRS Swap Meet
Oct. 6 - WA, Seattle - REPS Meeting
Oct. 7 - IL, Carol Stream - ARCI Swap Meet
Oct. 7 - NY, Seaford - GNYVWA Meeting
Oct. 8 - GA, Norcross - SARS Meeting
Oct. 9 - MO, Kirkwood - ARCH Meeting
Oct. 9 - NC, Greenville - ECARC Meeting
Oct. 9 - OH, Centerville - SPARK Meeting
Oct. 9 - Ont., Ottawa - OVRC Meeting
Oct. 9 - PA, Telford - DVHRC Meeting
Oct. 11 - AR, "Call" - AARC Meeting
Oct. 12 - NJ, Princeton - NJARC Meeting
Oct. 13 - IN, Greenfield - IHRS Fall Meet
Oct. 13 - OK, Oklahoma City - OKVRC Meeting
Oct. 13 - OR, Oregon City - NWVRS Meeting
Oct. 13 - TN, Nashville - NVRC Swap Meet
Oct. 14 - NM, Albuquerque - NMRCC Meet
Oct. 14 - WI, Milwaukee - WARC Swap Meet
Oct. 15 - FL, Jacksonville - JARS Meeting
Oct. 16 - CA, Shingle Springs - CHRS-Sac Mtg
Oct. 17 - OH, Columbus - COARA Meeting
Oct. 17 - OH, Cincinnati - CARC Meeting
Oct. 18 - OK, Tulsa - HLARA Meeting
Oct. 19 - NY, Highland Falls - HARPS Meeting
Oct. 20 - NH, Manchester - NEARC Meet
Oct. 20 - OH, Burbank - Estes Auctions
Oct. 20 - TX, Irving - VRPS Meeting
Oct. 20 - WV, Huntington - MRT Fall Traders Show
Oct. 21 - MD, Davidsonville - MAARC Meet
Oct. 21 - NJ, Wayne - Mechanical Music Show
Oct. 21 - TX, Schertz - TARC Meeting
Oct. 21 - WA, Seattle - PSARA Meeting
Oct. 22 - AL, Birmingham - AARC Meeting
Oct. 28 - IL, Olney - Eric's Auction Barn
Oct. 28 - NY, Schenectady - SARC Meeting
Nov. 1 - AR, Forth Smith - ARCC Meeting
Nov. 3 - CA, Berkeley - CHRS Swap Meet
Nov. 3 - NJ, Parsippany - NJARC Fall Meet
Nov. 3 - WA, Seattle - REPS Meeting
Nov. 4 - NY, Seaford - GNYVWA Meeting
Nov. 6 - OH, Dayton - ARCO Meeting
Nov. 8 - AR, "Call" - AARC Meeting
Nov. 9 - NJ, Princeton - NJARC Meeting
Nov. 10 - MI, Kalamazoo - MARC Meet
Nov. 10 - OH, Burbank - Estes Auctions
Nov. 10 - OK, Oklahoma City - OKVRC Meeting
Nov. 10 - Ont., Ottawa - OVRC General Auction
Nov. 10 - OR, Oregon City - NWVRS Meeting
Nov. 10 - TX, Kyle - TARC Meeting
Nov. 11 - CO, "Call" - CRC Meeting
Nov. 11 - NM, Albuquerque - NMRCC Meet
Nov. 12 - GA, Norcross - SARS Meeting
Nov. 13 - MO, Kirkwood - ARCH Meeting
Nov. 13 - NC, Greenville - ECARC Meeting
Nov. 13 - OH, Centerville - SPARK Meeting
Nov. 13 - PA, Telford - DVHRC Meeting
Nov. 15 - OK, Tulsa - HLARA Meeting
Nov. 16-18 - Mesquite, TX - VRPS Convention
Nov. 17 - OH, Burbank - Estes Auctions

Nov. 18 - TN, Memphis - MARC Meeting
Nov. 18 - WA, Seattle - PSARA Meeting
Nov. 19 - FL, Jacksonville - JARS Meeting
Dec. 1 - NY, Victor - Estes Auctions
Dec. 2 - IL, Carol Stream - ARCI Swapmeet
Dec. 15 - OH, Burbank - Estes Auctions
2008
Jan. 19 - OH, Burbank - Estes Auctions
Feb. 2 - MI, Kalamazoo - MARC Meet
Feb. 17 - MA, Westford - GBARC Radio XXXIX

WISCONSIN - Oct. 14

WISCONSIN ANTIQUE RADIO CLUB SWAP MEET

Milwaukee, WI - 5917 S. Howell
Near Airport
8 am - 12 Noon

Info: Bill Engaas - (262) 786-8183
craftyradio@peoplepc.com

FLORIDA - Oct. 15

JACKSONVILLE ANTIQUE RADIO SOC. MEETING

Jacksonville, FL - Countryside Village
Clubhouse

10960 Beach Blvd. • 7:30 pm

Info: Sean Olin - (904) 386-8332
www.jarsradioclub.com

CALIFORNIA - Oct. 16

CALIFORNIA HISTORICAL RADIO SOC. SACRAMENTO CHAPTER - MEETING

Shingle Springs, CA - 3755 Durock Rd.
7 pm

Info: Bob Moore - remoore@directcon.net
www.californiahistoricalradio.com

OHIO - Oct. 17

CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING

Columbus, OH - DeVry Institute of Tech.
1350 Alum Creek Rd., I-70 Exit 103B
7:30 pm

Info: Barry Gould - (614) 777-8534
Chuck Davis - (614) 792-6237

<http://members.tripod.com/~COARA/Index.htm>

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.

OHIO - Oct. 17

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Westchester, OH - National Voice of America Museum of Broadcasting
8070 Tylersville Road
7 pm
Info: Bob White - (513) 385-8291

TEXAS - Oct. 20

VINTAGE RADIO & PHONOGRAPH SOC. MEETING

Irving, TX - Senter East Building
9 am - 12 Noon
Info: George Potter - (972) 353-4862
vrps@sbcglobal.net - www.vrps.org

OKLAHOMA - Oct. 18

HEARTLAND ANTIQUE RADIO ASSOC. MEETING

See website for meeting location - 7 pm
Info: Dan Weilacher - 620 Spunky Rd.
Catoosa, OK 74015
www.hlara.org

W. VIRGINIA - Oct. 20

MUSEUM OF RADIO & TECHNOLOGY FALL TRADERS SHOW

Huntington, WV - 1640 Florence Ave.
Contact for time
Info: www.mrtwv.org

NEW YORK - Oct. 19

HUDSON VALLEY ANTIQUE RADIO AND PHONO SOCIETY MEETING

Highland Falls, NY - Art Kingsley Residence
7-9 pm
(call to confirm details)
Info: Art Kingsley - (845) 446-4091

MARYLAND - Oct. 21

MID-ATLANTIC ANTIQUE RADIO CLUB RADIOFALLFEST

Davidsonville, MD - Davidsonville Rec Center
3727 Queen Anne Bridge Road
Flea Market: 9 am - Auction: Noon
Info: Geoff Shearer - (703) 818-2686
www.maarc.org

NEW HAMPSHIRE - Oct. 20

NEW ENGLAND ANTIQUE RADIO CLUB VINTAGE RADIO SHOW & SWAPMEET

Manchester, NH - Manchester Bingo Center
John E. Devine Dr. (off South Willow St.)
7:30 am - 12 noon
Info: Charlie Perrett (603) 898-4821
www.nearc.net

NEW JERSEY - Oct. 21

WAYNE POLICE ATHLETIC LEAGUE MECHANICAL MUSIC EXTRAVAGANZA

I Pal Drive - Wayne, NJ
9:30 am - 3:30 pm
Info: (973) 655-9730

OHIO - Oct. 20

ESTES AUCTIONS RADIO AUCTION

Burbank, OH - Expo Auction Center
8157 Garmon Rd., Exit 204 off I-71
10 am

Info: (888) 769-4992 - Fax: (330) 769-4116
estesauctions@aol.com
www.estesauctions.com

TEXAS - Oct. 21

TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX - VFW Hall
2:30 pm
Info: Ed Engelken - EdEngel@gvtc.com
(830) 899-3864
www.gvtc.com/~edengel/TARC.htm

SUBMISSION DEADLINE: 5TH OF MONTH

**DOES YOUR CLUB HAVE A
Web Site?**

SEND IT TO: ARC@ANTIQUERADIO.COM

WASHINGTON - Oct. 21

PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA - Shoreline Museum
749 N. 175th & Linden Ave.
10 am - 12 Noon: Tailgate Swap
12 Noon: Meeting, Program, Show & Tell
Info: Pete Peterson - (425) 747-1323
http://www.eskimo.com/~hhagen/
psara.html

ALABAMA – Oct. 22

ALABAMA ANTIQUE RADIO CLUB MEETING

Birmingham, AL - Alabama Power Building
Parkway East

7 pm

Info: Ron Westbrook - (205) 833-8035
www.bham.net/ahrs/

ILLINOIS – Oct. 28

ERIC'S AUCTION BARN 18TH ANNUAL RADIO AUCTION

Olney, IL - 1000 Southwest
1 mile N. of US Rte. 50

10 am

Info: Wayne Martin - (573) 547-4292

NEW YORK – Oct. 28

SCHENECTADY ANTIQUE RADIO CLUB MEETING

Schenectady, NY - Schenectady Museum &
Planetarium
Knott Terrace

Flea Market: 1:30 pm - Meeting: 2 pm

Info: David Ellers - (518) 237-2665
<http://dadellers.tripod.com/>

ARKANSAS – Nov. 1

ANTIQUÉ RADIO COLLECTORS CLUB OF FORT SMITH MEETING

Fort Smith, AR - 1st Baptist Church
1400 Grand Ave.

7:30 pm

Info: Paul Tucker - (479) 782-8178

CALIFORNIA – Nov. 3

CALIFORNIA HISTORICAL RADIO SOC. SWAP MEET

Berkeley, CA - KRE Building
601 Ashby Ave.

9 am

Info: CHRS Hotline - (415) 821-9800
www.californiahistoricalradio.com

SUBMISSION DEADLINE: 5TH OF MONTH

Changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.

NEW JERSEY – Nov. 3

NEW JERSEY ANTIQUE RADIO CLUB FALL SWAP MEET

Parsippany, NJ - Parsippany PAL bldg.,
Smith Field, Rt. 46 & 33, Baldwin Rd.

8 am - 1 pm

Vendor Setup: 7 am

Info: Phil Vourtsis - (732) 446-2427
Richard Lee - (854) 359-3809
www.njarc.org

WASHINGTON – Nov. 3

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Ann Library
400 W. Garfield

2 pm

Info: REPS - (206) 488-9518
www.repsonline.org

NEW YORK – Nov. 4

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET & MEETING

Seaford, NY - 3870 Sunrise Hwy.
(1/4 mile east of Seaford-Oyster Bay Expwy)

8 am - 1 pm

Info: Jim Koehler - (516) 623-0035
Rich Lee - (914) 589-3751

OHIO – Nov. 6

ANTIQUÉ RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogler - (937) 294-8960
E-mail: karikrad@gemair.com

ARKANSAS – Nov. 8

ARKANSAS ANTIQUÉ RADIO CLUB MEETING

Call for location and directions

7 pm

Info: Tom Burgess - (501) 455-0773

Although non-members are welcome at all events, joining may be required at some. Admission is charged at some.

NEW JERSEY - Nov. 9

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Princeton, NJ - The David Sarnoff Library
U.S. Route 1

7:30 pm

Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427

www.njarc.org

TEXAS - Nov. 10

TEXAS ANTIQUE RADIO CLUB MEETING

Kyle, TX - Railroad BBQ

10:30 am

Info: Ed Engelken - EdEngel@gvtc.com
(830) 899-3864

www.gvtc.com/~edengel/TARC.htm

MICHIGAN - Nov. 10

MICHIGAN ANTIQUE RADIO CLUB FALL MEET

Kalamazoo, MI - County Fairgrounds
2900 Lake St.

9 am - 2 pm

Info: John Den Hartigh - (269) 217-0539
www.michiganantiqueradio.org

COLORADO - Nov. 11

COLORADO RADIO COLLECTORS MEETING

Call David Boyle for details

1 pm

Info: David Boyle - (303) 681-3258

OHIO - Nov. 10

ESTES AUCTIONS RADIO AUCTION

Burbank, OH - Expo Auction Center
8157 Garmon Rd., Exit 204 off I-71

10 am

Info: (888) 769-4992 - Fax: (330) 769-4116
estesauctions@aol.com
www.estesauctions.com

NEW MEXICO - Nov. 11

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, Show & Tell and Auction

Info: Chuck Burch - (505) 286-9674
chuckBurch@aol.com

<http://members.aol.com/NMRCC>

OKLAHOMA - Nov. 10

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Hometown Buffet
3900 N.W. 63rd St.

6 pm: Dinner - 7 pm: Meeting

Info: Frank Karner - fkarner@cox.net
(405) 769-4656

<http://members.cox.net/okvrcl>

GEORGIA - Nov. 12

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA - Fire Mountain Rest.
Jimmy Carter Blvd.

6:30 pm

Info: Rich Rodgers - (678) 591-3619
www.sarsradio.com

ONTARIO - Nov. 10

OTTAWA VINTAGE RADIO CLUB GENERAL AUCTION

Ottawa, Ont. - The Ottawa Citizen
Conference Room, 1101 Baxter Rd.

7 pm

Info: OVRC - (613) 832-3097 - www.ovrc.org

MISSOURI - Nov. 13

ANTIQUERADIO COLL. & HIST. SOC. OF GREATER ST. LOUIS MEETING

Kirkwood, MO - Kirkwood Comm Ctr
111 S. Geyer Rd. Room 201-A

7:30 pm

Meeting - Show & Tell - Swap Table

Info: Derek Cohn - (314) 725-2333
vibroplex@mindspring.com

OREGON - Nov. 10

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

Oregon City, OR - Abernathy Grange Hall
15745 S. Harley Ave.

Swap: 8:30 am - Meeting: 10 am

Info: www.nwvrs.org

New Club Forming?

LET A.R.C. HELP YOU FIND NEW MEMBERS

Send your information to

arc@antiqueradio.com or fax: (978) 371-7129

Or mail to: PO Box 2, Carlisle, MA 01741

NORTH CAROLINA - Nov. 13

**EAST CAROLINA ANTIQUE RADIO CLUB
MEETING**

Greenville, NC - Sheppard Memorial
Library

Meeting Room A, 530 Evans St.

7 pm

Info: Herman Schnur - (252) 752-2264

TENNESSEE - Nov. 18

**MEMPHIS ANTIQUE RADIO CLUB
MEETING**

Memphis, TN - St. Timothy United
Methodist Church
4105 St. Elmo Ave.

2 pm

Info: Ray Eaton - (731) 989-7089

marc_memphisantiqueradioclub@hotmail.com

OHIO - Nov. 13

**SOCIETY FOR THE PRESERVATION OF
ANTIQUA RADIO KNOWLEDGE
MEETING**

Centerville, OH - Donatos Pizzeria
7912 Paragon Rd. • 7 pm

Info: Jeff Bothwell - (937) 854-7106

jbothwell@butlertownship.com

WASHINGTON - Nov. 18

**PUGET SOUND ANTIQUE RADIO ASSN.
MEETING**

Seattle, WA - Shoreline Museum
749 N. 175th & Linden Ave.

10 am - 12 Noon: Tailgate Swap

12 Noon: Meeting, Program, Show & Tell

Info: Pete Peterson - (425) 747-1323

http://www.eskimo.com/~hhagen/
psara.html

PENNSYLVANIA - Nov. 13

**DELAWARE VALLEY HIST. RADIO CLUB
MEETING - SWAP - AUCTION**

Telford, PA - Telford Community Building
Hamilton & Hamlin

7:30 pm

Info: Delaware Valley Historic Radio Club

PO Box 5053, New Britain, PA 18901

www.dvhrc.org

FLORIDA - Nov. 19

**JACKSONVILLE ANTIQUE RADIO SOC.
MEETING**

Jacksonville, FL - Countryside Village
Clubhouse, 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332

www.jarsradioclub.com

OKLAHOMA - Nov. 15

**HEARTLAND ANTIQUE RADIO ASSOC.
MEETING**

See Website for meeting location

7 pm

Info: Dan Weilacher - 620 Spunky Rd.

Catoosa, OK 74015

www.hlara.org

OHIO - Dec. 1

**ESTES AUCTIONS
RADIO COLLECTION EXTRAVAGANZA**

Victor, NY

7263 Pittsford-Victor Road

10 am

Info: (888) 769-4992 - Fax: (330) 769-4116

estesauctions@aol.com

www.estesauctions.com

TEXAS - Nov. 16-18

**VINTAGE RADIO & PHONOGRAPH SOC.
CONVENTION**

Mesquite, TX - Hampton Inn

Info: George Potter - (972) 353-4862

vrps@sbcglobal.net - www.vrps.org

MENTION A.R.C. WHEN CONTACTING CLUBS!

OHIO - Nov. 17

**ESTES AUCTIONS
RADIO AUCTION**

Burbank, OH - Expo Auction Center
8157 Garmon Rd., Exit 204 off I-71

10 am

Info: (888) 769-4992 - Fax: (330) 769-4116

estesauctions@aol.com

www.estesauctions.com

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.*

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

Free Estimates
Hrs. - 9 AM - 5 PM EST
Tues. - Sat.

Tel./Fax (860) 928-2628
E-mail: bob@oldradiodoc.com
www.oldradiodoc.com

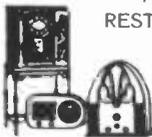


ANTIQUE RADIO RESTORATION & REPAIR

1920 - 1960's

Buy & Sell

Reasonable Rates. Tubes, Professional
Overhauls, Cabinet Refinishing. Service
For All Antique Car, Table & Console
Radios, Communication Receivers &
Tube Amplifiers.



BOB ESLINGER

20 Gary School Road
Pomfret Center, CT 06259

TOM'S ANTIQUE RADIO & TV

- Repairs and Restorations
- All pre-1960 models
- 45 years experience



Thomas Romano
(508) 865-6293

8 Howe Lane, Millbury, MA 01527



Antique Electric Radios Repair, Restore, Buy & Sell

Vintage table and console radios, phono, Hi-Fi
audio, auto radios, crank phonographs
Hear them play again!

John Hartman
(603) 447-4821
Sales web site:

P.O. Box 201, Eaton, NH 03832
E-Mail: nm1h@hotmail.com
www.radioatic.com/nm1h

WEST-TECH SERVICES

"As the records spin ... the memories begin"

All your phono parts: idlers-needles-cartridges. Vulcanized idlers
for VM, 45 changers and Zenith Cobra. Restoration of all record
changers, wire recorders, record cutters and transcriptions. Rebuild
crystal and magnetic cartridges for 78/33/45 changers, record cutters
and wire recorders. Sales and service.

WEST-TECH SERVICES

570 Hazelgreen Rd., Smithville, WV 26178. Hours: Tues.-Fri. 10-5 EST
Tel/Fax (304) 349-2149 www.west-techservices.com
E-mail: westtechservices@yahoo.com

URBAN ANTIQUE RADIO AND VINTAGE HI-FI

Mike Urban
Restoration and Sales

800-594-4359

www.urban-antiqueradio.com

Repro Dial Covers

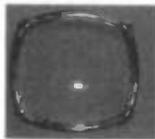
Mark Palmquist

Retro Radio Repair
5033 Arbor Lane
Lilburn, GA 30047
Phone: 770 923 8929

\$18.00 ppd

impalm@mindspring.com
Send Tracing & Model #

http://mpalm.home.mindspring.com



John Sworen
Owner
(973) 575-0717

144 N. Beverwyck Rd., #208
Lake Hiawatha
NJ 07034
www.johnsvintageradio.com

John's Vintage Radio, LLC

Servicing radios from the 1930's, 40's & 50's



ESTES AUCTIONS

Specializing in Vintage Radios
& Radio Appraisal Service
www.estesauctions.com

7404 Ryan Road
Medina, Ohio 44256

Phone: (330) 769-4992
Fax: (330) 769-4116

E-mail: estes.auctions@aol.com

WANTED PRE 1900 ELECTRICITY

MEDICAL • X-RAY
TELEGRAPHY • TELEPHONE
PRE 1923
RADIO • WIRELESS
PRE 1940
TELEVISION



NEW WIRELESS PIONEERS

1541 BRONSON RD.
GRAND ISLAND, NY 14072
(716) 773-4999 • Fax: (716) 773-5757
E-mail: wireless@pcc.net
www.marconi-wireless.com

BOOKS • TUBES • ARTIFACTS
MAGAZINES • AUTOGRAPHS
CATALOGS • EPHEMERA



Just
Radios



Capacitors & Schematics for Tube Radios

David and Babylyn Canteon
6 Femcrest Gate, Scarborough,
Ontario, Canada, M1W 1C2

www.justradios.com
justradios@yahoo.com
(416) 502-9128



TOM'S ANTIQUE RADIO REPAIR

937-865-5213

Lets get that old radio of yours working again

All makes and models
Transistor Radio Repair
Cabinet Restoration
Free Estimates

http://tomsradiorepair.bizland.com

ANTIQUERADIOS



Specializing in
Horn
Speakers

WANTED

DAVE CROCKER

35 Santuit Pond Rd. #4B
Mashpee, MA 02649
E-mail: radio.1@comcast.net

(508) 477-1578

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

BETA-TEK ANTIQUE RADIO SERVICE

- Quality Radio Repair & Restoration
- Prompt Service • Free Estimates
- Radios Bought & Sold

RAY BINTLIFF
2 Powder Horn Lane
Acton, MA 01720
978-263-7435
w1ry@msn.com



Great Northern Vintage Radios



RADIO SERVICE



Vintage Radio
Bought • Sold • Repaired
Knobs • Parts

Advertising • Antiques • Collectibles

Alan Jespersen
5200 Bloomington Ave. S.
Minneapolis, MN 55417

Tel: (612) 727-2489
Email: Alan@gmtradios.com
Web: www.gmtradios.com

Vintage Electronics
Cartridges/Needles
Phono & Tape Idlers
New / Rebuilt
www.vintageelectronics.com

Ed Crockett
128 Buccaneer Drive
Hattiesburg, MS 39402
e-mail: phonoed@aol.com

(601) 264-4755
Monday - Friday
8am - 5pm CST only
Fax anytime (601) 264-0226

RADIO BOOKS WANTED

Always buying: Books, Magazines and Manuals
Single items or collections. Call us toll free: 888-447-5037
We have a large selection of books on radio and related
technology for sale. Call us about our shop and catalogs or
visit our web site: <http://www.beqbooks.com>

BEQUAERT OLD BOOKS
P.O. BOX 775, FITZWILLIAM NH 03447
(603)-585-3448 info@beqbooks.com

ADAMS MANUFACTURING CO.

RADIO DIAL BELTS

To Fit All Radios

Visit our website
www.Adamsradio.com

Old Time Replications

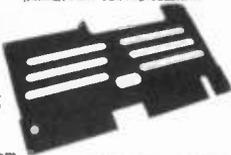
"TURN TO US WHEN YOU NEED KNOBS"
KNOBS • PUSHBUTTONS • ESCUTCHEONS
PLASTIC GRILLS

LARRY BORDONARO
5744 TOBIAS AVE., VAN NUYS, CA 91411
PHONE (818) 786-2500 • FAX (818) 909-0241
E-MAIL: oldtimerep@aol.com
www.antiqueradioknobs.com

REPRODUCTION RADIO BODIES

Quality, Laser Cut, Reproductions

Visit our web site
or send SASE to:
Retro Tronics
21 Spaulding Lane
Groton, MA 01450



Add-on
Admiral
Arline
Belmont
Bendix
Cornado
Crosley
Emerson
FADA
Hollcrafters
Magnetic
Motorola
National
Philco
RCA
Silverstone
Trophy
Zenith
& More

RadioBacks.com
Retro-Tronics.com

the Voice of Music®

REGISTERED TRADEMARKS LICENSED FROM V-M CORPORATION

V-M AUDIO ENTHUSIASTS
37530 E. Meadowhill
Northville, MI 48167-8915

e-mail on website: www.thevoiceofmusic.com
V-M PARTS • LITERATURE • ACCESSORIES
Gary Stork Eve./Weekends (248) 478-0990

WAVES L.L.C.

ANTIQUES
EARLY RADIOS

&
PHONOGRAPHS
BOUGHT • SOLD
RENTALS • REPAIRS

116 MON-SAT
CLOSED SUNDAYS

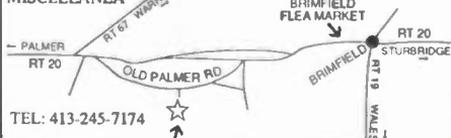
FAX 201 461-7121
e-mail clwave@aol.com
WWW.WAVESRADIOS.COM

251 W 30TH ST., NY, NY 10001 212 273-9616

PROPRIETORS Bruce and Charlotte Mager



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.

CLASSIC AUTO RADIO

Repair & Restoration 1930 to 1951
Specializing in Ford Shoebox Radios

Larry Brososky
15514 Windover Trl., Fort Wayne, IN 46845
(260) 637-5339

classicautoradio@yahoo.com

Play Things of Past

Vintage Radios, Tubes and Parts

Service early Radios, TV's,
Phonographs & Telephones



Play Things of Past
2324 Fawn Haven Dr.
Medina, Ohio 44256
330-558-0247 Work

Gary B. Schneider
gbstop@aol.com
www.olderadioparts.com
330-558-0208 Home

Buying radio tubes, parts, radio literature, telephone parts

Radio Manufacturers of the 1920's

All 3
Volumes!

BY ALAN DOUGLAS

Order
Today!

Available
Again!



"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. Federal - Ferguson. 225 Pages.

Volume 1: \$29.95

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

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

Everything stocked and shipped promptly — Radio is our middle name.

A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512
Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com



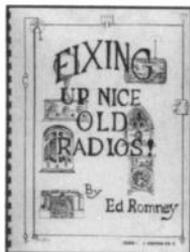
Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order. 10% off books.



(#39-Oct07)

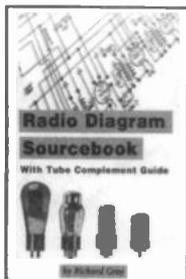
Restoration & Repair

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*



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. 300+ figures, 185 pgs. — \$35.00*

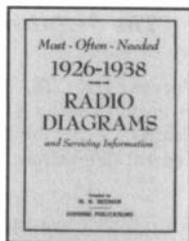
Radio Diagram Sourcebook, Gray. *Valuable tool for identifying radios. Tubes used, replacement dial lamps, and I.F. frequency. Reprint of Sylvania's tube complement guide is included listing almost 10,000 radios. 290 pgs. — \$18.95*



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. — \$15.95*



Most Often Needed 1926-38 Radio Diagrams and Servicing Information (reprint). *600+ diagrams for mostly AC radios from '26-'38. 240 pgs. — \$18.50*



Back Issue Special #1, A.R.C. *The 10 issues containing: "All You Need To Know About Repairing AC Radios," the 9-part series by Jim Fred and Richard Foster. — \$19.00*

**A.R.C.
Back
Issue
Special #1**

Everything stocked and shipped promptly — Radio is our middle name.

A.R.C., P.O. Box 2, Carlisle, MA 01741 — Toll Free: (866) 371-0512

Fax: (978) 371-7129 — E-mail: ARC@antiqueradio.com — Web: www.antiqueradio.com



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks).

Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



(#24-Oct-07)

Transistor Radio Books

Price
Guide



NEW!

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

Novelty Radio Handbook & Price Guide by Debby Weaver. Over 600+ color photos, display wildly varied novelty transistor radios, 8 1/2" x 11". 160 pgs. – \$29.95



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

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



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

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

Everything stocked and shipped promptly — Radio is our middle name.

A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512
Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com



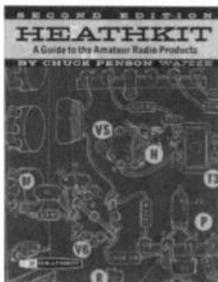
Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks).

Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order. 10% off books.



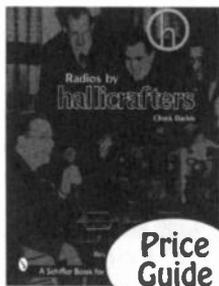
(#6-Oct107)

Amateur Radio Books



Heathkit, A Guide to the Amateur Radio Products, 2nd Edition by Chuck Penson. *Updated and expanded documentation of Heathkit's amateur radio products and a history of the company. 8 1/2" x 11", 328 pages. Softcover. — \$29.95*

Radios by Hallicrafters, 2nd Ed. by Chuck Dachs. *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



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. — \$39.95*

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*



Price Guide

Everything stocked and shipped promptly — Radio is our middle name.

**A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512
Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com**



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



(#8-Oct07)

• ZENITH •

THE GLORY YEARS 1936-1945

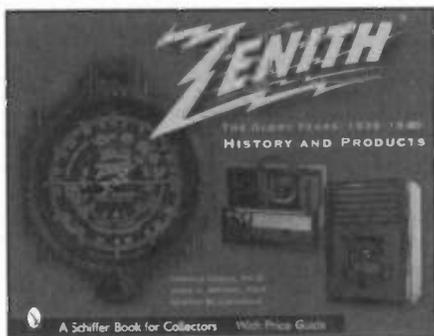
TWO VOLUMES

By Harold Cones, Ph.D, John H. Bryant, FAIA,
& Martin Blankinship

An exploration of Zenith from 1936-1945 PLUS color photos of many products manufactured during this period. Also, MacDonald's speeches, Zenith telepathy experiments and annual reports. Current market values for radios pictured. 11" x 8 1/2", 180 color & 183 b/w photos, price guide/index, 256 pages.

\$34.95 – Softcover

HISTORY AND PRODUCTS



ILLUSTRATED CATALOG & DATABASE



Illustrations from brochures and the most complete listing of Zenith products. Value and rarity codes are included. 11" x 8 1/2", 520 b/w photos, price guide/index, 182 pages.

\$29.95 – Softcover

**Everything stocked and shipped promptly — Radio is our middle name.
FREE SHIPPING — 10% Discount for Subscribers**

**A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512
Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradlo.com**



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order. 10% off books.



(#34-Oct07)

COLLECTOR BOOKS AVAILABLE FROM A.R.C.

BOOKS MARKED WITH "NEW" ARE THE MOST POPULAR AND ARE ESPECIALLY RECOMMENDED FOR NEW COLLECTORS!

- Antique Phonograph Accessories & Contraptions, Fabrizio & Paul. Accessories from painted horns to record storage, 555 color photos, price guide, 224 pgs. (hardcover) \$49.95
- The AWA Review. Vols. 1-5 on CD-ROM: Complete text of volumes 1, 2, 3, 4, and 5 of the AWA Review. Selections: AWA & its museum, Atwater Kent, DeForest, RCA-GE, Western Electric. \$19.95
- The AWA Review. Order by volume.
- Vol. 6: Hawaiian Wireless, U.K. Television, SCR-RC-BC Dir., NYC Wireless. \$10.00
 - Vol. 7: Poldhu transmitters, Navy equipment, Arc transmitters. \$10.00
 - Vol. 8: Keys, Federal Co., KFS-Federal-Mackay story, National Elec. Supply Co., Navy Elec. Dir. \$10.00
 - Vol. 11: Scott Radio Products, National sliding coil receivers. \$20.00
 - Vol. 13: Northern Electric Co., Marconi, Radio Direction Finding, Radio Station WBT, Early Radio Stations. \$20.00
 - Vol. 14: Spark Keys, Canadian Marconi, Bakelite Radios. \$27.50
 - Vol. 15: Marconi Wireless Telegraph Apparatus in R.M.S. Titanic. America's Broadcasting System. First Commercial Light-Socket operated radio receivers with AC tubes from Rogers Ltd., Toronto, Canada. Cumulative table of contents for all volumes of the AWA Review. \$24.95
 - Vol. 16: Powel Crosley, Jr., his transmitters, receivers, products & broadcast station WLW. Early wireless pack sets, the saga of Rider's early radio manuals. History of radio grille cloth. Cumulative index for all 16 volumes. \$19.95
 - Vol. 18: Motor Buzzer Transmitters, Wireless Specialty Apparatus Nomenclature Gone Arusy, Submarine Telegraph, Radio Advertisement and Fashion, Made in Rochester. Cumulative index for all 18 volumes. \$15.00
- A. Atwater Kent, The Man, the Manufacturer and His Radios.** Patterson, Editor. Compilation of articles by Ralph Williams and John P. Wolkonowicz on Atwater Kent sets from the 1920s. 108 pgs. \$25.95
- 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
- Bret's Old Radios Presents: Antique Radio Restoration, Vol 3, Menassa. (DVD). Plastic cabinet repair & refinishing. \$39.95
- Bret's Old Radios Presents: Antique Radio Restoration, Vol 4, Menassa. (DVD). Wood cabinet repair & refinishing. \$39.95
- Broadcasting's Forgotten Father. (Videotape, VHS). The Charles Herrold story. \$29.95
- Classic Cones, Chidester. Pictorial reference & value guide for 1920s radio cone speakers. 100s of color photos. 2001. 122 pgs. \$25.95
- Collectable Transistor TVs, Bunis. ID & values for 150 transistor TVs from 29 manufacturers. B&W photos. 44 pgs. \$19.95
- Collector's Guide to Antique Radios, 6th Edition, Slusser. Covers the 1920s to the 1950s. Over 10,000 models. 1,000 color photos. Updated 2004 pricing. 320 pgs. \$24.95
- Collector's Guide to Antique Radios, 7th Edition, Slusser. Covers the 1920s to the 1950s. Plus 14 additional manufacturers. Over 10,000 models. 1,200 color photos, (15% more than the last edition). Updated 2007 pricing. 320 pgs. **NEW** \$24.95
- 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 Vacuum Tube Handbook, Vol. 1, Millard. Hard-to-find electrical data on 200+ tube types that pre-date the RMA standardized numbering system (1934). Basing diagrams, photos & brief developmental histories. 196 pgs. \$25.95
- The Compleat Talking Machine, 4th Ed. Reiss. A guide to antique phonographs. Updated and revised price guide. Covers construction, cleaning and repairing of parts and cabinets. Over 700 pictures. 249 pgs. \$29.95
- The Complete Price Guide to Antique Radios: Pre-War Consoles, Stein. Identifies, grades, values & pictures 3,500 models. Tube & band count information & variations. Resource section. 240 pgs. \$29.95
- The Complete Price Guide to Antique Radios: Table Top Radios, Stein. Vol. 1 - 2,500 radios, B&W photos. Formerly Machine Age to Jet Age Vol. 1. Completely revised and updated for 2003 values. \$29.95
- Crystal Radio: History, Fundamentals, and Design, Kinzie. Plus crystals for detectors. 121 pgs. \$11.95
- Early Development of Radio in Canada, Murray, Editor. Illustrated history of Canada's radio pioneers, broadcast receiver manufacturers and their products. \$26.95
- 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
- E.H. Scott The Dean of DX, 2nd Ed, Hobbs. Expanded, new edition of the definitive book on E.H. Scott. Additional chapters plus a 24-page color photo section. 240 pgs. \$29.95
- Ernst Fredrik Werner Alexanderson, Nilsson. One Individual's Life and Contributions to Electrical Science in the First Half of the 20th Century, 72 pgs. \$25.00
- Evolution of the Audio Recorder, Van Praag. Comprehensive guide to the audio recorder. 1997. 518 pgs. \$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
- The Fabulous Victrola 45, Vourtsis. History, descriptions, price guide. 176 pgs, 389 color & 55 b/w photos. \$29.95
- Fixing Up Nice Old Radios, Romey. 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
- 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. \$10.95
- Heathkit, A Guide to the Amateur Radio Products, 2nd Ed., Penson. Updated and expanded documentation of Heathkit's amateur radio products and a history of the company, 328 pgs. \$29.95
- Machine Age to Jet Age, Stein. 3 volumes. Pictorial reference & price guides. Virtually no overlap between volumes. Vol. 1: 2,500 radios, B&W photos. 239 pgs. Updated for 2003 values. Includes master index for all three volumes. \$29.95
- Vol. 2: 2,700 radios, B&W photos, color insert. 372 pgs. Updated for 2001 values & 100s of variations not previously included. \$28.95
- The Mechanics of TV, Yanczer. Explanation of mechanical tv, details for a working system. 170 pgs. \$24.95

Everything stocked and shipped promptly — Radio is our middle name.

A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512

Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



COLLECTOR BOOKS AVAILABLE FROM A.R.C.

BOOKS MARKED WITH "H" ARE THE MOST POPULAR AND ARE ESPECIALLY RECOMMENDED FOR NEW COLLECTORS!

- Most Often Needed 1926-38 Radio Diagrams and Servicing Information (reprint). 600+ diagrams for mostly AC radios from '26-'38. 240 pgs. \$18.50
- H** Novelty Radio Handbook and Price Guide, Weaver. 600+ Color photos. 160 pgs. \$29.95
- 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-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
- The Old Timer's Bulletin, AWA. *Back issue library on 2 CD-ROMs. Vol. 1: Jan. 1960-Mar. 1985, searchable index. Vol. 2: Jun. 1985-Nov. 1996, searchable index.* \$49.95 each; two volume set \$89.95
- Philo Condensers and More, Third Edition, Bintliff. *Updated and expanded service data.* 300 illustrations, 74 pgs. \$14.95
- Philo Radio: 1928-1942. 2nd Ed., Ramirez. *A reference book on Philco. Shows receivers and company history year-by-year.* 464 color photos, 364 black & white photos and drawings. 160 pgs. \$29.95
- H** Phonographica, Fabrizio & Paul. *Early history of recorded sound, 1877-1930.* 224 pgs. 500 color photos \$49.95
- Plastic Radios, Stein. *For identification of Catalin, Bakelite, Plaskon, Beetle, Tenite & Styrene sets. Includes history, 3,000 radio listings with photos, 120 manufacturers.* 255 pgs. \$37.95
- 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.* 1999. 175 pgs. \$39.95
- 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 or Softcover \$26.95
- Radio Diagram Sourcebook, Gray. *Valuable tool for identifying radios. Tubes used, replacement dial lamps, and I.F. frequency. Reprint of Sylvania's tube complement guide is included listing almost 10,000 radios.* 290 pgs. \$18.95
- Radio Dial Belts, Bintliff. *A guide to the selection and replacement of dial belts in radios from the 1930 & 1940s.* 50 pgs. \$15.95
- 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
- Radio Manufacturers of the 1920's, Douglas. 3 volumes.
- Vol. 1: A-C Dayton thru Ferguson, 225 pgs. \$29.95
- Vol. 2: Freed-Eisemann thru Priess. 266 pgs. \$29.95
- Vol. 3: RCA thru Zenith. 292 pgs. \$29.95
- H** 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 pgs. \$26.95
- Radiola - The Golden Age of RCA, 1919-1929, Wenaas. *Documents & pictures every radio receiver and the major accessories sold by RCA during the first decade.* 700 color photos, 485 pgs. Hardcover \$65.00
- 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
- 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
- Tickling the Crystal, Sanders. *Comprehensive coverage of British crystal sets from the 1920s.* 200+ B&W photos. 2001. 256 pgs. \$64.95
- Tickling the Crystal 2, Sanders. *Domestic British Crystal Sets of the 1920s.* 2004. 208 pgs. \$50.00
(slight corner dent so the price is reduced from \$64.95 to)
- Tickling the Crystal 3, Sanders. *Third in a series on domestic British crystal sets.* 2004. 240 pgs. \$64.95
- 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
- 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.* 1999. 160 pgs. \$19.95
- Tube Testers and Classic Electronic Test Gear, Douglas. *Overview of pre-1970 radio test equipment. Discusses tube testing & use of testers. Compares emission, dynamic & mutual conductance testers. Tabulates & pictures testers from 23 manufacturers.* Over 300 photos & illustrations. 163 pgs. \$25.95
- The Voice of the Crystal, Friedrichs. *How to build working radio receiver components from scratch. Illustrated.* 184 pgs. \$14.95
- 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. \$15.95
- 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. *Order by volume.*
- Vol. 3-The Crystal Set Handbook: Formulas for coil inductance, procedure for measuring coil capacitance, circuit matching theory, etc. \$10.95
- Vol. 4: 1/94 to 11/94 - Measuring Coil Capacitance, home-brew headphones and curve tracers, etc. \$10.95
- Vol. 5: AM Receiver Design, Marconi Type 107, Radio Outfit in a Headset, etc. \$10.95
- Vol. 667-Crystal Set Building and More: Projects and info. about crystal radios, mostly dealing with design and elec. issues, etc. \$15.95
- Vol. 9, 10 & 11 - Crystal Radio Bonanza: Biggest, best crystal radio book ever. Over 20 complete projects, detailed instructions, technical questions & answers, magazine reprints, photos, graphics & more \$19.95
- H** Zenith The Early Years, 1919-1935, Bryant and Cones. *The 1st of a planned 3-book series. Explains the Zenith story. Discover never published photos, documents and info.* 300 photos and illustrations, 120 in color. 224 pgs. \$29.95
- Zenith The Glory Years, 1936-1945, Cones, Bryant & Blankinship. *Illustrated Catalog & Database.* 520 B&W images 182 pgs. \$29.95
- Zenith The Glory Years, 1936-1945, Cones, Bryant & Blankinship. *History & Products.* 180 color, 183 B&W photos, 256 pgs. \$34.95
- 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, 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.

A.R.C., P.O. Box 2, Carlisle, MA 01741 – Toll Free: (866) 371-0512

Fax: (978) 371-7129 – E-mail: ARC@antiqueradio.com – Web: www.antiqueradio.com



Free shipping & handling on all U.S. orders (typical U.S. order will be received within 7 days, but allow 2-3 weeks). Mass. residents add 5% sales tax. Non-U.S. orders, write for shipping costs, or use credit card. Most orders shipped by next business day. If using credit card, include name on card, card number and expiration date. Send payment with order. Money back return policy. Subscribers, ask for discount when placing order: 10% off books.



Steven D. Turner 5443 Schultz Dr. Sylvania, OH 43560

Phone (419) 283-8203 - Fax (419) 824-2472

*****WANTED*****WANTED*****WANTED*****

CATALIN RADIOS

\$\$\$ Cash paid for any Catalin Radio in any condition!!! \$\$\$

MAKE	MODEL	COLOR	PRICE
Addison	2	Maroon & Yellow Yellow & Red	\$ 900 3,750
Addison	5	Black & Red Yellow & Maroon Black & Yellow Red & Yellow	1,250 1,250 1,000 1,250
Arvin	532	Yellow Maroon	2,500 2,750
Dewald	561	Any Color	500+
Detrola		Any Color	6,000+
Bendix	526C	Green & Black	625
DeWald	A501 & A502	Brown Yellow Red	375 425 1,200
Emerson	AU190 & BI 245	Yellow Green or Brown Dark Red Blue Bright Red	1,300 2,500 2,700 6,850 12,000
Emerson	BM258	Yellow Green Red Blue	1,000 1,350 2,250 4,000
Emerson	564	Black Green Red	500 1,150 1,650
Emerson	AX-235	Yellow & Black Red & White Dk Red & White Blue & White Black & Orange	900 2,000 2,750 5,000 6,000
Espey	Name	Your	Price
Fada	115, 116 & 1000	All Yellow Maroon & yellow Yellow & red Pea Green Blue & Yellow	700 950 1,150 1,400 2,650
Fada	L56	Yellow Light Green Maroon & Yellow Yellow & Blue Yellow & Red Emerald Gr/Yellow Blue & Yellow	1,500 2,500 2,200 3,000 3,500 7,000 7,000

MAKE	MODEL	COLOR	PRICE
Fada	F55 & 52	Yellow Light Green Maroon & Yellow Yellow & Blue Yellow & Red Emerald Gr/Yellow Blue & Yellow	1,080 1,500 1,500 2,000 3,000 4,000 4,000
Fada	5F50 & 5F60	Yellow Light Green Yellow & Blue Yellow & Red Emerald Gr/Yellow	1,000 1,000 2,500 3,000 4,000
Fada	700	Yellow Maroon Onyx Blue	750 1,000 1,200 2,000
Halson		Yellow Green Red	2,500 3,500 5,000
Motorola	50XC	All Yellow Brown & Tortoise Red & Yellow Green & Yellow	2,000 2,750 6,000 6,250
Motorola	52	Yellow & Tortoise Maroon & Yellow Green & Yellow	1,500 1,850 3,000
Sonora	KM	Any Color	1,600
Kadette	Clockette	Yellow Green Red Blue & Clear	2,000 3,500 6,000 8,000
Sentinel	284 Wavy Grill	Yellow Sand Red Blue	600 800 1,250 6,500
Sparton	Cloisone'	Yellow Front Blue Front Red Front Brown Front	3,500 4,000 6,000 4,000
Symphony	Name	Your	Price
Tom Thumb	All Colors Needed Name Your Price!		

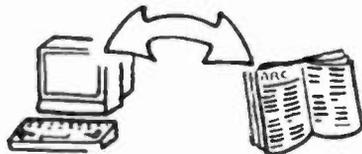
Above prices are for undamaged, original examples.
Prices paid for damaged or parts sets available on request.

Call or email me:

Steve@catalinradio.com

**Prices subject to change without notice!

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.

Now including photo classified ads!

Previous month's ads available free to all.

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.

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 – Web: www.antiqueradio.com

(#15-Nov-02)



PERIODICALS

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

*****AUTO**MIXED AADC 024
G-AR SUB#=26-20441 [3592] 19
EXP=JUL08 21

LAVERN VELAU
1650 PALM AVE
PO BOX 143
KLEMME IA 50449-0143



WWW.ANTIQUERADIO.COM

**CLASSIFIED AD
DEADLINE OCT. 10th
Noon Eastern Time**