

RADIO CRAZE

John Sakas P.O. Box 362 Walden NY 12586
Phone (845) 778-4064 ~ Cell (201) 410-0025

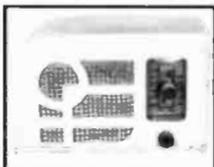
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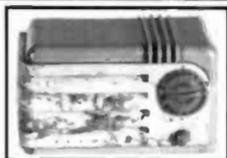
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ALSO WANTED ANY COLOR-ANY CONDITION

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DeWALD A501, A502 BROWN \$375.00, YELLOW \$425.00, RED \$1,200.00
EMERSON A1 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
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EMERSON BM258 YELLOW \$750, GREEN \$1,350, RED \$2,150, BLUE \$4,000
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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
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WANTED

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BENDIX 526 GREEN & BLACK \$625.00,
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STAFF:

Publisher and Editor: John V. Terrey
Assistant Publisher: Cindie Bryan
Managing Editor: Dorothy Schecter
Office Manager: Pat Wedge
Advertising Manager: Cindie Bryan
Issue Coordinator: Pat Wedge
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:

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Telephone: (866) 371-0512; Fax: (978) 371-7129

E-mail: ARC@antiqueradio.com

Web: www.antiqueradio.com

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EDITOR'S COMMENTS

As always with a New Year, there's a sense of renewal, of hope that the "good days" of the past year will multiply in the year to come. For long-term radio collectors, those good days might combine the old and new ways of collecting. The new, of course, is represented by the Internet which offers a global market and sometimes instant satisfaction to buyers and sellers alike. However, it is also a largely impersonal venue that can lead to disappointment and loss. Since the person you are dealing with is often an unknown, in a worst case scenario, the result can be out-and-out fraud. That fact seems to be borne out by an increase in the number of scams reported to us in recent months.

What to do? How to maintain the old, more intimate ways of engaging in this hobby while still enjoying the new benefits of the Internet? What is slipping away is the sense of camaraderie and mutual support that comes from the more personal venues of clubs, meets, and publications, such as newsletters and A.R.C. Sadly, impersonalization is becoming the norm in radio transactions. Even the auctions that are proliferating today contribute to that sense of a loss of connection with the seller or buyer who would have met you face-to-face at a meet or talked to you on the telephone.

Reporting on annual radio events, we've noticed a gradual decline in attendance in recent years. Though seemingly insignificant at first glance, the cumulative effect of the decline doesn't bode well for the future. Make no mistake, decreased numbers and increased costs put a squeeze on those who put on events.

Thus far the only solution we've come up with lies in a challenge to you for 2005 and years to come: Make a New Year's resolution to support your local clubs and radio publications like A.R.C. All of these organizations, literally the bedrock of our hobby, are struggling to find a way to survive in this age of the Internet. It's time for everyone to step up to the plate to help preserve what is good about the old ways of disseminating information and of bonding with radio friends.

A.R.C. makes efforts to do that monthly, and our lead article by Managing Editor Dorothy Schecter and the A.R.C. staff is a case in point. When my archives yielded up a brochure on Day-Fan radios, we seized the opportunity to write about this 1920s company.

In the same vein, when Richard Arnold finds a set that interests him, like the Kadette 86X, he shares the

information by writing about it. Richard's efforts are indicative of his strong support for the hobby.

The New Jersey Antique Radio Club's Saturday clinics are a prime example of how the old interpersonal ways of collecting can create good will, as well as preserve an old set. Walter Heskes writes about repairing an IF transformer in a Crosley 10-35 brought in by a grateful noncollector. Walt describes in detail what transformers are, what they do, how they are designed, why they fail, and how they can be repaired. Ray Bintliff supplements this information with a short piece describing failure in a Philco RF transformer.

Crystal, battery, AC and portable sets create a wide variety on the *Photo Review* pages. But perhaps most striking is the crate labeled "Radio Ginger Ale" on one side and "Superior Quality" on the other.

We have no greater contributor to the hobby in general and to A.R.C. in particular than Ray Chase who reports faithfully on Estes auctions. At about \$60,000 total, this auction did not yield the largest proceeds, but it did offer over 1,000 items. Some were rare and seldom seen at auction, like the Zenith suitcase portable and the John Firth Vocophone.

And as meets go, few are more successful than Michigan's Extravaganza reported by John Reinicke. This club seems to do everything right. First, it is open to all, and second, it is held on Friday and Saturday, convenient days to attract old and potentially new collectors, as well as casual shoppers. In addition, its Friday evening social is included in the cost of the event and everyone attends to enjoy good company. Hats off to Extravaganza and to all who supported it!

Radio Miscellanea includes feedback to articles, kudos, and a museum announcement. Most prominent is the example of scam attempts that should make us all take notice and be warned.

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Coming Radio Events. The list this month includes 39 events, enough to get you started on that New Year's resolution. And, plan now to attend the Greater Boston Antique Radio Collectors' Radio XXXVI, organized by A.R.C., in Westford, Mass., on February 20, 2005. Many consider this a not-to-be-missed event.

Happy Collecting!

John V. Terrey, Editor

PRINTED WITHOUT COMMENT

We continue to receive reports from advertisers of e-mail responses to their classified ads proposing to pay them with a check, sometimes via a third party, in excess of the purchase price. The seller is asked to refund the difference by wire. In more than one case reported to A.R.C., the check received was "bad."

To minimize problems, we always suggest that you know whom you are dealing with or ask for references.

ON THE COVER

Selling at the Estes Auction for a bargain \$95, the Atwater Kent Model 37 in a Red Lion Cabinet Co. cabinet is an excellent example of how a 1920s set was built into furniture. The pull-down front, which reveals the radio, serves as a desk.

RADIO IN THE 1920'S

Day-Fan Radio

BY DOROTHY SCHECTER AND THE A.R.C. STAFF

Founded in Dayton, Ohio, in 1889, the Dayton Fan and Motor Company made fly and ventilating fans. In the 1920s, as the Day-Fan Electric Company, it began to join in the rush to capitalize on the growth of radio with a line of components. Ultimately, the company was bought by General Motors in 1929, and General Motors Radio Corp. was created. This company was liquidated in 1931 as a result of an antitrust suit involving GM's alleged collusion with RCA. (Editor)

A slightly tattered but very together Day-Fan Electric Company brochure from the John Terry collection inspired this article. The handy 3" x 6" brochure opens first to two, then to four, and finally to eight panels. The back panel is stamped with the name "Dewey F. Kysow, Spec. Rep., Fanburg, Wis." One can easily imagine Dewey opening the brochure and launching into his salespitch about the "most efficient, dependable, and service-less radio set on the market."

The lure of the lovely lady enjoying her Day-Fan radio on the cover, reproduced here as Figure 1, reminds us that times haven't really changed. As the Madison Ave. maxim goes, "sex sells," and so Ms. Ethlyne Clair, "a Universal Pictures Star," touted the Day-Fan wares then just as celebrities do the products of today.

NEW AUDIO AMPLIFYING SYSTEM

The first two panels of the brochure are straight text describing the strides made in research and engineering during the six successful seasons of producing Day-Fan radio receivers. The goal was to reproduce the same high quality broadcast program in the home as in the radio station itself.

To do this, the company claimed to have created an entirely new audio amplifying system "em-



Figure 1. Ethlyne Clair, Universal Pictures Star, enjoying Day-Fan Radio.

ployed exclusively in Day-Fan receivers and the better class of broadcasting stations." This new system included a long list of attributes: a minimum of distortion, a wide band of high-to-low musical notes, unequalled tone qualities, greater stability, ease of volume control, great selectivity, and beauty of design and craftsmanship. These were additions to the already well-known Day-Fan features of factory logging and single-dial control with possible independent adjustment of the first and third condensers.

The final salespitch contained in these two panels is that the success of this system was evident in its appeal to a large number of broadcasting stations as the "official set for monitoring or checking their own programs." The hope was that the buyer of a home set looking for value

would naturally take radio station endorsement as an excellent recommendation.

DAY-FAN AC TUBE RECEIVERS

Next is the four-panel foldout displaying a Day-Craft 5 AC receiver, a Day-Cee 6 receiver, and a Day-Royal 6 AC receiver, all containing the above audio system, and shown in Figure 2. According to the blurb on the first panel, these AC tube model sets owed their increasing popularity to ease of installation, freedom from gradually failing battery current supply, and very low cost of operation. When the set was connected to a Day-Fan designed "B" and "C" power supply, and after supplying the proper tubes, the purchaser had only to plug the set into the lighting circuit and connect aerial and ground wires — "no batteries... no acids... no recharging... no bother."

The Day-Craft 5 receiver with built-in speaker and B and C power supply unit for 60-cycle, less tubes, sold for \$170; with 25- and 30-cycle cur-

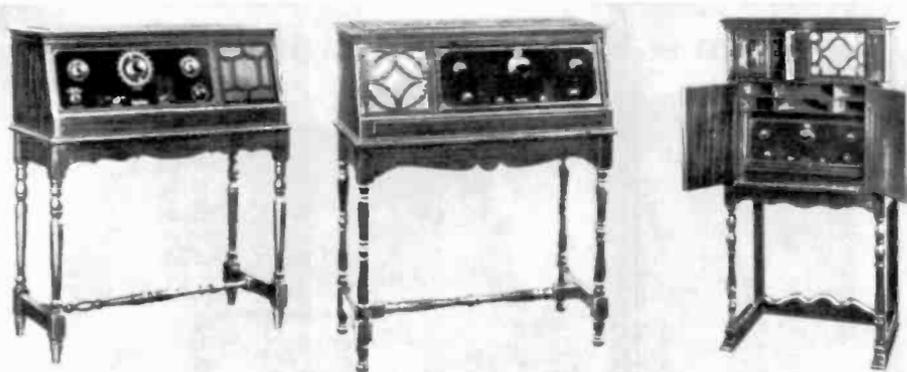


Figure 2. Left to right are the Day-Craft 5, the Day-Cee 6 and the Day-Royal 6 A.C. receivers.

rent supply for \$180, and without legs for \$150. The 6-tube Day-Cee receiver, with the famous organ pipe loudspeaker, sold for \$140. Various accessories ranged in price from \$45 to \$105. The Day-Royal 6, with full-toned built-in speaker, and B and C power supply that could be placed in the cabinet, sold for \$195. The handsome cabinet alone was a strong selling point for the home.

AN ARRAY OF PRODUCTS

Finally, the full, inside eight-panel foldout presents an array of radios and accessories, from the "bargain" Day-Fan 6 Jr. battery set to complete A.C. sets using motor generators and/or power supply units and various accessories.

The Day-Fan 6 Jr., shown in Figure 3, was a "Compact, efficient receiver developed in answer to an insistent demand for just such a set." This set sold for \$65, while the

next least expensive set is the 6-tube chassis assembly for the DeLuxe Model motor generator-powered receiver selling at \$105.

This set, with new audio system, in a handsome cabinet with speaker is shown in Figure 4. The De Luxe cabinet, shown with the set, with a specially designed large horn speaker, sold for an additional \$125. The motor generator sold separately for another \$120, which brought the total cost to \$350.

The text explains that the motor generator power unit and special motor generator set have been

perfected after four years of experimental and developmental work in the Day-Fan laboratory — a year ahead of schedule! "Motor generator production of direct current from alternating has been proved the most efficient and economical ever devised." Such a set is easy to install as it is ready to perform with great dependability after you connect three separable plugs.

For a lucky owner, service and cost of operation are minimal on these sets. Once a year, he simply has to oil the motor generator and then forget it. He can even feel free to go on an extended trip, after

which his set would still work perfectly — "no sulphated storage batteries, corroded wires, or dead B and C batteries."

The motor generator, shown in Figure 5, was sold as a separate accessory for \$120. And, homes with 32-volt and 110-volt DC current do not need a motor generator to operate

the set. For 110-volt DC, only the special DC receiver itself and a filter block are required. The latter piece of equipment is unnecessary for 32-volt DC current.

The collector may notice a striking resemblance of the Day-Fan 6 Jr. to the Atwater Kent Model 35, which is in a similarly shaped metal cabinet. In fact, both the Day-Fan and Atwater Kent sets had the chassis (and also the tubes) installed upside down. The following two pages feature a comparison of these two sets, which are from the

(Text continued on page 10)

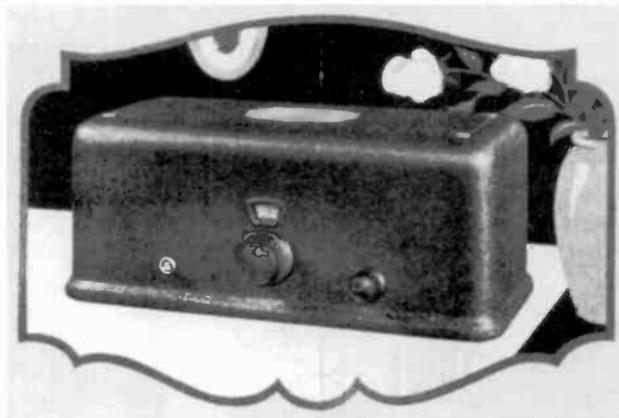


Figure 3. The Day-Fan 6 Jr., a 6-tube battery set, sold for \$65.

Day-Fan 6 Junior and Atwater Kent 35



The Day-Fan 6 Jr., a 6-tube TRF introduced in 1927, is similar in style to the Atwater Kent 35 introduced the previous year.



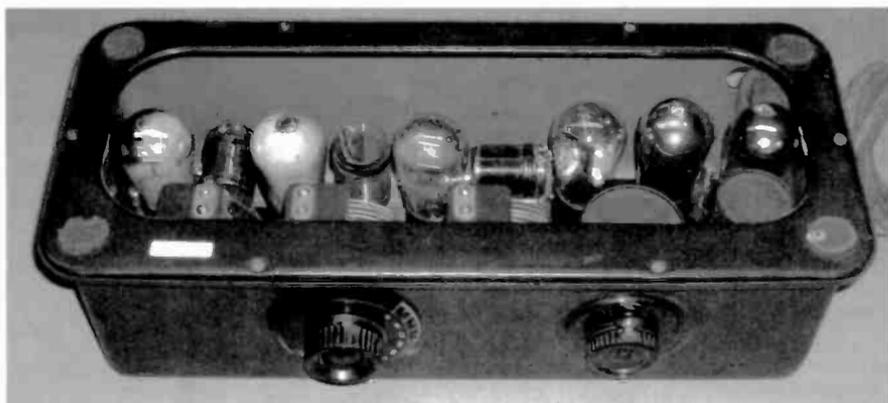
The Atwater Kent Model 35, a 6-tube TRF, was introduced in 1926, and is commonly referred to as the "bathtub set."

The Day-Fan Model 6 Jr., bears a strong resemblance to the Atwater Kent Model 35. While there are some differences between the two radios, there are strong similarities. Both are 6-tube TRF sets with an untuned 1st RF stage. Filament circuitry is the same in both sets. Filament voltage to the three RF stages is controlled by a rheostat. A fixed resistor is placed in series with the filaments of the detector and AF stages. Both radios are housed in metal cabinets and use an inverted chassis. Both sets have emblems on the top of their cabinets.

There are so many similarities, it would seem that Day-Fan drew heavily on the design of the Atwater Kent 35 that was produced about a year earlier than the Day-Fan set.



An underside view of the Day-Fan 6 Jr., showing the upside-down chassis and tubes, similar to those of the Atwater Kent Model 35.



An underside view of the Atwater Kent Model 35 showing the upside-down chassis and tubes.



The emblems on the Day-Fan, shown on the left, and the Atwater Kent, shown on the right continue the similarity.

(Day-Fan Radio continued)

John V. Terrey collection.

ACCESSORIES

To fill the back panel of the brochure, Day-Fan threw in three interesting accessories. A Day-Fan "Fantenna," shown in Figure 6, increased the volume, range and clarity of 6- and 7-tube receivers at no extra maintenance cost. The Fantenna consists of a 2-control tuned circuit that connects to antenna and ground connections of the 6- and 7-tube Day-Fan radios for improved reception. These radios employ an untuned 1st RF stage. Easy 2-minute installation was a selling point and the \$15 price tag was modest enough.

The Day-Fan "Quietus," not shown here, selling at \$10, eliminated interference noises caused by electrical household appliances, such as washing machines, refrigerators, etc. That list no doubt included the third item on the panel — a hand-operated vacuum cleaner.

Just in case the customer wasn't interested in a radio, he could give some thought to this Day-Fan cleaner, shown in Figure 7, which "performs an unbelievable number of household cleaning tasks at practically no operating cost." A regular model for 110 volts cost only \$18.75. A special for 220 volts, either AC or DC, or 32 volts, DC only, was priced at \$21.

Obviously, Day-Fan was awash in bargains. We can only hope that this little brochure helped to make Dewey F. Kysow's fortune.

References:

Day-Fan Radio Brochure. The John V. Terrey Collection.

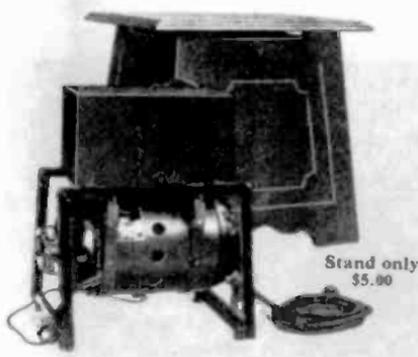


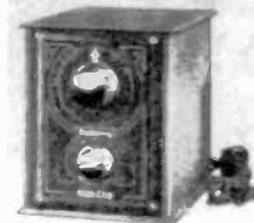
Figure 5. The motor generator and power filter shown in front is for use in a basement, or it can be concealed in the optional "tabouret" in the rear.



Figure 4. The De Luxe Model Motor Generator-Powered 6-tube set shown in the optional De Luxe cabinet.

Douglas, Alan. *Radio Manufacturers of the 1920's*. Vestal, New York: The Vestal Press, 1988.

(Dorothy Schecter, c/o A.R.C., P.O. Box 2, Carlisle, MA 01741)



THE DAY-FAN FANTENNA

Figure 6. "A thoroughly proved accessory that increases the volume, range and clarity of six and seven-tube receivers, at no extra maintenance cost. Installed in two minutes. Price..\$15.00."



THE DAY-FAN CLEANER

Figure 7. The brochure states: "A one-handed electric Vacuum Cleaner that performs an unbelievable number of household cleaning tasks at practically no operating cost. Price..\$18.75."

WITH THE COLLECTORS

The International Kadette Model 86X

BY RICHARD ARNOLD

Once again Richard Arnold shares with us one of his interesting "finds." In fact, as he says, this one may be the only one anywhere! (Editor)

I bought this radio, a 1936 International Kadette Model 86X, shown in Figure 1, in April of 2003. It was my first eBay purchase, and the radio is the only Kadette in my collection. I was the only bidder. I think that the radio is unusual looking but rather plain. I suppose that is what attracted me to it and perhaps the reason that I was the only bidder.

After I received the radio, I had to refinish the cabinet. It was not quite as "beautiful" as the owner had described or pictured. However, the chassis was in excellent condition — complete and with no rust. The radio did work.

There is a metal plate attached to the rear of the "blue" colored chassis that says it is a Model 86X. The tubes used are one each of the following: a 6A7 1st detector/oscillator, a 6D6 IF, a 75 2nd detector and AVC, a 25B5 power tube, a 25Z5 rectifier, and a 165-R4 ballast. A rear view of the set is shown in Figure 2. The set also uses a 6v pilot lamp. The IF is 448 Kc, according to Rider.

The chassis is a superheterodyne that tunes the broadcast band of 550 to 1600 kHz and a shortwave band of 1.5 to 4.4 MHz. Compared to some of my other radios, this radio doesn't seem to be very selective, at least not where I am in southern Oklahoma.

The three plastic bullet tipped knobs are original. Left to right, they are for on/off volume, tuning, and



Figure 1. The International Kadette Model 86X.

band selection. The grille cloth is also original. Although rather crude in construction, the cabinet is made of solid walnut. The top and bottom are almost one inch thick while the sides and front are 1/4 inch thick.

This company made some really nice, very desirable radios. But then, they also made some not so great ones like this one — cabinet-wise that is.

There is a story concerning the International Radio Corporation and its problems with its overuse of false advertising for the ballast tube in their radios. This bad marketing error helped put the company out of business around 1939 after only eight years.

Well, I still like the radio. I play it every once in a while, and I have not seen any more like it. Heck, I may have the only one.

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Adams, Arthur F., N6HPL, "Kadette Marketing Error," *California Historical Radio Society Journal*, 1994.

(Richard Arnold, P.O. Box 275, Lone Grove, Oklahoma 73443. E-mail: arnold@brighthok.net)

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 Jack-son Bell Peter Pan featured in the June 1991 A.R.C.

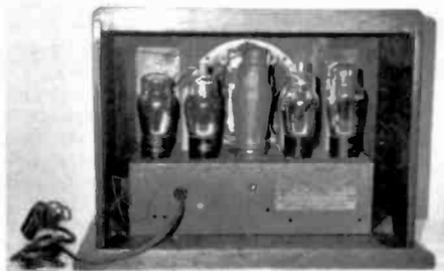


Figure 2. A rear view of the Kadette 86X showing its five tubes.

RESTORATION TOPICS

Fixing "Throwaway" IF Transformers in AC/DC Table Radios

BY WALTER M. HESKES

You might think that repairing a Crosley AC/DC radio would be a simple task. Not so, if the trouble is an IF transformer. In the following article, Walter Heskens not only describes the repair process, but also gives an explanation of how an IF transformer works. (Editor)

The New Jersey Antique Radio Club (NJARC) doesn't often invite the general public to its radio clinics. Usually these day-long Saturday sessions are operated several times a year primarily for club members who seek a blend of technical assistance with an opportunity to share the experience of restoring their own radios. Usually, the shop opens at 9:00 A.M. and closes at 4:00 P.M. The club provides light refreshments and a luncheon for the attendees. As an experiment, the club membership agreed to publicize its fall 2002 session at a municipal building in Piscataway, New Jersey.

Soon after the doors were opened, we watched an amazing parade of owners carrying, towing, and dragging all sizes and types of vintage elec-

tronic entertainment equipment into our shop. They asked for examinations, appraisals, and, in some instances, adjustments or repairs.

One owner's pristine Crosley Model 10-135, a white painted Bakelite, demonstrated a strange malady. The radio started and played well for several seconds before the audio signal dissolved into recurring blasts of thundering static. Shop technicians gladly volunteered their opinions:

"Look for a leaky cap."

"Bet on a brittle resistor."

"Darned if it ain't a defective tube."

After several minutes of respectful silence, one of the quieter technicians finally spoke up. "Is that a superhet rig?" he asked. We all nodded and he continued. "I'll bet the problem is in one or both of the intermediate frequency (IF) transformers."

There were puzzled looks on many faces around the room. Based on the questions being asked, it was clear that additional details were needed to successfully convince everyone that a bad IF transformer was the cause of the problem in this radio.

The room grew strangely silent as everyone waited for the explanation. The problem was that the silver-coated mica capacitors inside the IF transformer probably had become afflicted with the dreaded "silver migration condition." In this malady, the IF transformer effectively shuts down due to a short circuit that is created between the plates of the primary and secondary capacitors inside the IF transformer.

Figure 1 shows an example of the silver migration on a mica capacitor. The transformer, however, is not from the Crosley radio described in this article.

This short circuit allows the B+ voltage that is supposed to be applied only to the primary coil of the transformer also to enter the secondary coil and, ultimately, the grid of the vacuum tube that is connected to the secondary coil. Normally, the grid is maintained at a very low or even negative DC voltage; however, the high B+ voltage overwhelms the grid of the

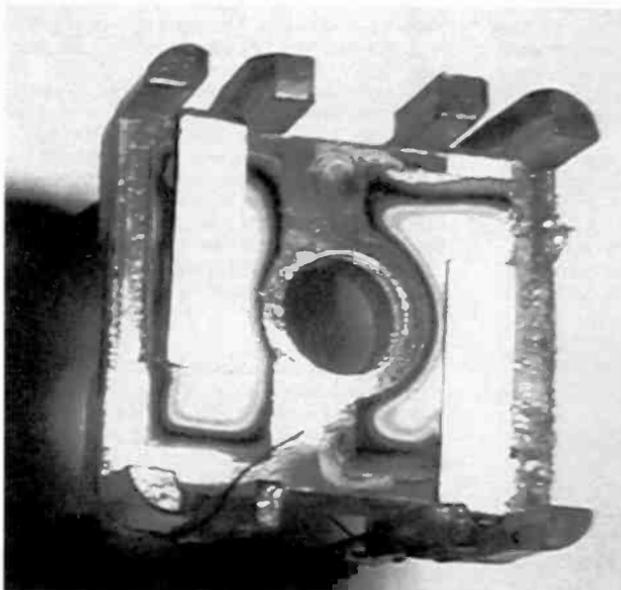


Figure 1. This view of a typical "new design" IF transformer shows the silver migration pattern on its mica capacitors. The migration is seen as the dark, shaded outline around each of the capacitors.

tube. When that happens, the tube shuts down and the radio stops playing.

THE IF TRANSFORMER

"What does an IF transformer do?" someone asked.

An IF transformer is a fixed-frequency, band pass filter that is used in a superheterodyne radio to pass a desired signal while rejecting undesired, adjacent signals. This is possible because in a superheterodyne circuit, the desired incoming radio signal is converted/shifted to the intermediate frequency and passes through the bandpass of the IF transformer. Undesired signals are above and below the fixed frequency band of the IF transformer and are not passed.

The first IF transformers had appeared in the superheterodyne circuit that Major Edwin H. Armstrong had demonstrated to the U.S. Army during World War I. The prototype IF transformer was bulky and primitive but subsequent improvements culminated in what can be called the traditional IF transformer design that is attached to the chassis of nearly every commercially manufactured superheterodyne receiver of the prewar period.

Inside the old-style IF transformer there are two resonant circuits. Each resonant circuit comprises of an inductor and a capacitor. The inductor component is usually constructed with an iron or air core, around which is wound a coil of extremely fine insulated wire. The associated capacitor may be either fixed or variable and usually employs thin metal plates and a mica dielectric.

The inductance and capacitance values are selected to set the resonance of the band pass filter at the selected intermediate frequency. When variable capacitors are used, adjustments to the intermediate frequency are made by turning a machine screw that applies pressure to vary the spacing between the metal plates of the capacitor, and thus the capacitance value.

For ease of manufacturing, both adjustable capacitors are mounted atop a molded insulator that secures one end of the inductor core. The other end of the inductor core is secured to a second molded insulator containing embedded terminal lugs onto which additional radio circuit wiring is attached. The entire assembly is enclosed in a metal shield. There can be no question that this was an expensive part to manufacture and, therefore, was targeted for both simplification and cost reduction.

In some pre-World War II radios, the IF transformers contained variable inductors and fixed capacitors. The position of the iron slug inside the core of the coil were moved to "tune" the transformer. However, capacitor-tuned IF transformers were most widely used.

NEW DESIGN

In the consumer marketplace of the post-World War II period, the domestic radio industry was faced with feverish competition. Radio manufacturers were challenged to reduce costs in all areas. Radio engineers responded by simplifying the design of common radio parts, including the IF transformer.

In the new, postwar design, the traditional construction was reversed. Now, the capacitors were fixed in value and the inductance was adjusted by moving the position of the powdered iron slug. The slug was threaded, as was the inside of the coil form, and the position of the slug could be adjusted using a slender, nylon wrench which could be inserted in a slot or hexagonal opening in the top of the slug.

The capacitor was formed during the manufacturing process by applying a flashcoat of silver to the top and bottom surfaces of the mica sheets, thus creating a one-piece capacitor.

This ingenious idea was further enhanced when someone realized that two separate capacitors could be made from a single sheet of mica if the mica could be properly masked so that, during the silver plating process, two adjacent pads of silver could be laid onto the mica surface. The separation between the two pads of silver plating was extremely small.

The advantages of using a single sheet of mica in the manufacturing process outweighed concerns about the longevity of the adjacent capacitors. A pair of metal tabs made contact with the capacitor plates. The entire assembly was secured with a single rivet. The new design used fewer materials, was cheaper to manufacture, and was a fraction of the size of the older-style IF transformers. Radio manufacturers quickly adopted the new devices into their designs.

"WHY IF TRANSFORMERS FAIL"

IF transformers can fail for a host of possible reasons. The following are descriptions of some of the more common reasons for failure along with appropriate remedies.

Bad Solder Connections: A simple ohmmeter test will tell you if a winding has opened. A frequent problem is a bad connection of a coil wire to a lead pin inside the transformer. This can easily be fixed by removing the transformer assembly from its can and resoldering the wires. Before you resolder the wire, be sure to scrape the enamel coating from the end of the wire to expose the bare copper beneath.

Broken Coil Wires: If a coil winding is open due to a broken wire, the repair depends upon the location of the break. If the break is on the outside of the coil winding and is just short of reaching the lead pin, carefully unwind a single turn. Reattach the wire to the pin. If the break is close to the coil but there is a stub — that is, a sufficient length of exposed wire to permit a splice — find some wire that is the same size as the coil wire and splice it onto the stub. If the break is at the inside of the coil where the winding meets the paper core, you will have to replace the IF transformer.

Broken or Bad Lead Wires: Prewar IF transformers frequently used rubber-coated wire that was connected from terminals within the transformer assembly to points in the radio chassis. Insulation was color-coded to identify the functions of the wires. Over time, as the rubber insulation aged, it lost its pliability and became hard and brittle.

(Continued on following page)

(IF Transformers, continued)

Such insulation crumbles easily exposing the bare wire beneath. It is easy for the bare wiring to create unwanted short circuits which disrupt radio operation. In this instance, remove the IF transformer assembly from its can, unsolder the old wire and replace it with new wire using, if possible, insulation of the same color to preserve both aesthetics and functional identification.

Broken Lead Pin: A lead pin can break during the process of removing soldered wires from it. During that procedure, the lead pin may be bent or twisted, placing a variety of unwanted stresses on the lead pin. If you are lucky, the lead pin may be only partially torn so that a stub remains for fastening the wires. If the lead pin is broken and no stub remains, you will have to replace the broken pin using another of the same shape and size taken from a donor part.

Note that you can often avoid this trouble entirely if you take great care when you remove the wires from the lead pin. First, heat the joint to loosen the solder and use a solder sucker to remove all of the molten solder from the joint. Then, use a slender pick to pry the end of each attached wire away from the lead pin. Finally, using a pair of long-nosed pliers, grab the end of the wire and rotate the pliers around the pin to unwind the wire, without also twisting and tearing the pin.

Stripped Trimmer Capacitor Screw Threads: The old design IF transformers that use adjustable capacitors often are subject to overtightening by junior radio mechanics. Such overtightening can strip the threads that are cut into the insulator that supports the IF structure.

If you encounter a trimmer screw that simply turns without compressing the trimmer plates, you will not be able to make the proper adjustment to the IF transformer. In such instances, you may be forced to scrap the entire IF transformer. If you have a suitable donor part, you may want to try replacing the insulator assembly.

Note that the postwar Zenith G-402 Zenette battery portable contains miniaturized IF transformers using tiny, machine screw-adjustable mica caps.

Broken Slug Cores: A broken slug core can happen when you are adjusting a slug that sticks in the threaded bore. You apply a bit of extra torque to make the slug move and, suddenly, you detect a faint "snap" as the slug breaks. Broken slugs cannot be successfully repaired using glue. They must be replaced with a slug of the same dimensions.

To service the broken slug, remove the IF transformer assembly from its can and disconnect the coil wires. Then, dip a slender tool into the coil core to push or unscrew the pieces of the broken slug. Note that the procedure to remove a broken slug will depend upon the design of the IF transformer. For example, the movable slug in the Miller K-Tran surrounds the coil. The slug is supported by an external plastic frame. Removing a broken slug is simply a matter of removing the pieces and screwing a new slug into the plastic frame.

Silver Migration: Based on observations, today's radio technicians offer two opposing theories to explain how the silver migration process disrupts the operation of the new design IF transformer.

One theory holds that a highly conductive silver sulfide tarnish forms on the surfaces of the silver-plated mica. The conductive residue permits DC voltages to pass across the capacitive plates. This phenomenon causes DC voltage to leak between the primary and secondary circuits of the transformer. The leakage puts an unwanted positive charge on both the AVC and RF detector circuits, disrupting radio operation.

An alternate theory holds that a resistive silver oxide tarnish forms on the surfaces of the silver-plated mica which effectively disrupts the intent of the original design.

All theories concur that the "Achilles' heel" of the ingenious design of the cost-reduced IF transformers is the closeness of the two pads of silver coating on the surface of the mica sheet. Given sufficient time and agreeable climatic conditions, the silver coating slowly grows (migrates) beyond the intended area until it merges with the adjacent pad of silver coating. At that point, instead of two separate pads of silver coating forming two separate capacitors, a single pad of silver is created and a single capacitor is formed.

This migration can occur on either or both sides of the mica sheet. When the migrating silver bridges the small gap between the adjacent pads, the IF transformer ceases functioning properly. That is when the radio stops playing properly.

Getting back to the Crosley at the NJARC clinic, a newly manufactured IF transformer worked well enough in the radio circuit; however, nothing stayed new for very long. Perhaps the little white Crosley was a kitchen companion living atop the refrigerator and whiling away the hours basking in the warm, moist environment of the kitchen. Such an environment offered the precise conditions needed for the thin, silver coating to deteriorate.

Inside the IF transformers, molecules of silver slowly, over time, migrated across the surface of the mica dielectric. Eventually, a sufficient quantity of the silver molecules had grown to complete an electrical circuit with the adjacent plate of the other capacitor. At that instant, the radio probably began to exhibit symptoms of failure.

For a few seconds during the warmup period, the B+ voltage on the primary side of the IF transformer slowly began to creep across the tiny bridge of silver that connected the adjacent plates of the primary and secondary capacitors. The radio played for a few seconds until the grid of IF amplifier tube became overly positive, attracting electrons and preventing them from jumping through the grid and across the space to the plate.

In the final analysis, it really makes little difference which theory you believe. More important is to fix the radio so that it works properly.

At this point, all of the NJARC technicians agreed with this diagnosis but none of them asked to take on the repair job. Everyone quickly re-

treated to his own project as the room soon filled with the sounds of folks enjoying their work.

"HOW DO YOU FIX AN IF TRANSFORMER?"

There are two ways to cure a ruined IF transformer: either replace it with a known good part or rebuild the old part. Replacement may not always be an option for today's technicians. New parts may be costly if they are at all available. Worse still, depending upon how it has been stored, a new, unused, old stock IF transformer can be ruined by the silver migration condition.

Rebuilding the original part is the most cost-effective method of ensuring that the IF transformer will continue to function properly in the radio circuit. Rebuilding is a tedious process that involves both cutting the plastic frame that supports the mica capacitor and coil and removing all traces of the mica. During the process of removing the mica, the metal contact tabs must be disturbed making it generally impossible to salvage them so they, too, are completely removed. Later, the resonant circuit is restored by shunting the inductor with a new, separate, external mica capacitor of approximately 100 pF.

SWALLOWING THE BAIT

I listened half-heartedly as Sharon, the owner of the Crosley 10-135, explained how she had inherited it from an elderly aunt who had purchased it new. She went on to describe her plans for installing the radio on a countertop in her newly renovated kitchen. Her sincerity and conviction impressed me.

I also realized that it had been within her power simply to send this radio to the landfill, but, fortunately, she hadn't. We are, after all, only caretakers of these radios and it is our mission, as preservationists, to ensure that future generations of collectors will be able to enjoy these treasures as we do today.

I examined the radio once more. It was complete and in very presentable condition. The inside, however, was covered with dust and there were wires from which the insulation had dried and crumbled. Several rotor plates of the tuning capacitor were clashing with plates in the stator. The dial string was loose and had fallen from its pulleys.

I decided that it might be worth the trouble to learn if replacing or rebuilding the IF transformers would, indeed, restore clean operation and, so, I began the re-

pair work on a bench at the clinic. Several hours later, after numerous distractions, I had not yet completed the work. Sharon agreed to let me continue making the repairs in my own shop.

THE REPAIR PROCESS

Figures 2 through 5 show the progress of the repairs. As a first step, the chassis wiring to the IF transformers was removed. Then the transformers were removed from their cans. Extreme care was taken not to damage the fine wires of the coils that are connected to the terminals in the base of the IF transformer assembly.

After all of the internal repairs were complete, each IF transformer was assembled and reattached to the radio chassis. Then, new dipped mica capacitors were installed to shunt the ap-

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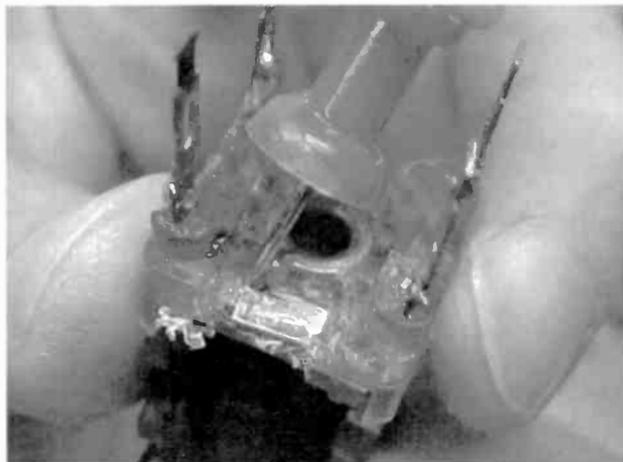


Figure 2. After removing the IF transformer from its can, a pushpin was used to lift one of the metal tabs that make contact with the mica capacitors.



Figure 3. This view shows one of the tabs lifted (rear) and one section of the mica capacitor removed (foreground).

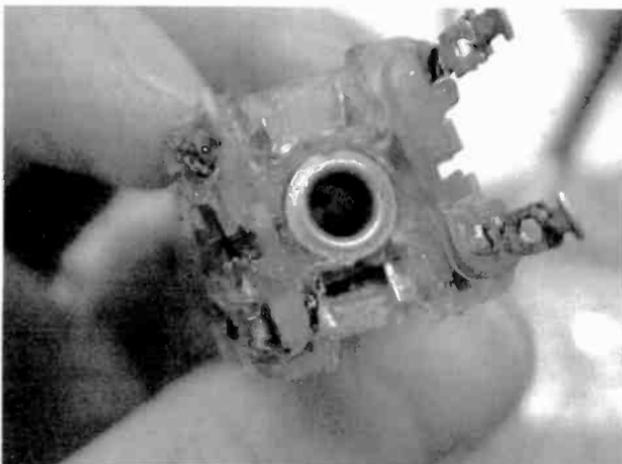


Figure 4. In this view, both of the mica capacitor sections have been removed.

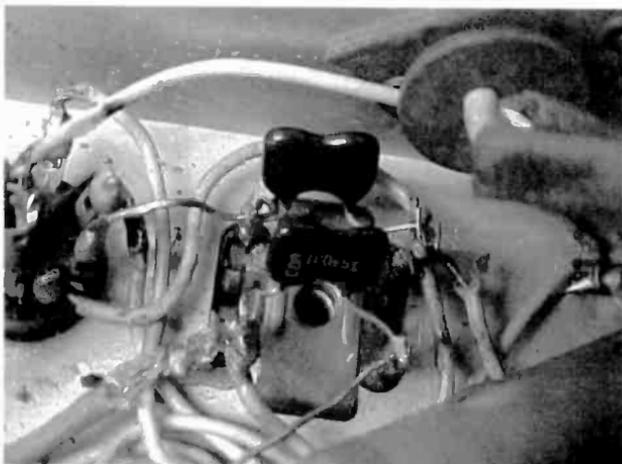


Figure 5. After the reworked IF transformers were installed in the radio, replacement silver mica capacitors were installed externally.

(IF Transformers, continued)

appropriate coils. (If sufficient space is available, the new capacitors can be mounted internally.)

After I had completed repairs to the IF transformers, a quick bench test confirmed that the old sage had been right on the mark. The radio powered up, and the audio didn't quit; however, it was slightly distorted, and there was a wee bit of AC hum, so I replaced both the paper capacitors and the electrolytics. I removed the crumbly insulation from the aerial feed wires and recovered the bare wires with new spaghetti.

Later, I lubricated the wiper of the volume control potentiometer to cure some scratchiness. Then, I realigned the clashing rotor and stator plates in the tuning capacitor after I discovered that they were responsible for audible static and an RF "dead zone" below 600 kHz. I also lubricated the tuning cap bearings and restrung the dial pointer

with a fresh cord. After I lubricated the dial pointer pulley, operation was silky smooth.

Late Saturday evening, I operated the set on the bench and it was hot. At first, I "ear-ball" tuned the IF transformers so that the radio was able to separate a station at 780 kHz from an adjacent one at 770 kHz. I liked the sharp tuning, but I noticed that the tone was not quite as rich and full-sounding as it had been before the adjustments. I decided that it would be more important to improve the tone, so I hauled out the signal generator and peaked the IF transformers at 455 kHz. Then, I calibrated the oscillator trimmer while also peaking the RF trimmer on the tuning capacitor assembly.

After I had completed these adjustments, the audio sounded rich and full. I cleaned the inside of the cabinet before I slid the chassis back into its proper position. I scrounged through several jars of salvaged hardware before I found four friction clips to properly fasten both the Masonite panel and loop antenna assembly to the rear opening of the white, painted Bakelite cabinet. The original fasteners were gone long before the set appeared on my bench.

Sunday morning, I phoned Sharon to arrange to return the radio. After I set up the drop-off time, I powered up the set once more and let it run for an hour while I cleaned the shop and puttered around. It was easy to grow fond of this beautiful radio. I was beginning to understand why it had remained in the same family for so long.

LAST MINUTE "UH-OH"

As I prepared to depart, I noticed that the sound level was fine but that the audio had a wee bit of rasp to it. This was noticeable only at very low sound levels. At moderate volume, the sound quality was excellent. I hadn't noticed this subtlety the previous night. If something had changed, I wanted to know what it was before I delivered the radio to Sharon.

I removed the chassis from the cabinet and, with the rig operating, I sprayed a mist of contact cleaner on each of the resistors to see if, perhaps, one of them had gone up in value or had gotten too hot. Contact cleaner is very cold as it comes out of the can and it can cool an offending part long enough for you to detect a difference in the output of the radio. In that way, you can identify it as the source of trouble in the circuit.

Unfortunately, in this instance, none of the resistors appeared to be at fault.

In desperation, I pulled the 50C5 power tube and installed a known good replacement. There was no difference. Next, I substituted the 12AV6. Again, there was no difference. Ditto for the 12BE6. A glance at the shop clock showed that I was running late. I decided that the speaker cone probably was slightly distorted. If Sharon complained about the tone, the speaker could be replaced or, perhaps, adjusted.

THE MOMENT OF TRUTH

I delivered the rig and Sharon immediately placed it against the wall at the end of her beige kitchen counter. Then, she plugged it into a nearby outlet and powered it up. As the radio came to life, she tuned it to a local radio station and gently lowered the volume. I held my breath as she listened to the radio. At last, she admitted that she liked the silkiness of the controls. Apparently, Crosley and I had passed the audio test.

Then, Sharon asked if the cabinet feet (white plastic bumpers that had fatigue-melted into flattened plastic globs) could be replaced.

"Of course they could," I told her, as I realized that I hadn't even looked at those feet.

Thinking quickly, I reminded her that they are the original, factory-supplied parts and that a radio so-equipped is more highly prized by collectors than one in which the original factory-sup-

plied parts have been replaced. She nodded and said she understood. Apparently, she was pleased because, a few weeks later, she made a generous donation to the club. It was a way to say "thank you" for the work that was done.

"You're welcome, Sharon and thank you, too."

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(Walter M. Heskes, 49 Marlin Ave. W., Edison, NJ 08828)

Walt Heskes is a mechanical engineer, a technical writer, and an electronics hobbyist who enjoys discovering, restoring, and operating vintage radio equipment almost as much as he enjoys swapping stories with other collectors. He is an active member of both the NJARC and the ARRL, and he operates Amateur radio station KC2KML.

Failures in Philco RF Transformers

BY RAY BINTLIFF, W1RY

In this short article, Ray describes a common cause of failure in early Philco radios. (Editor)

The RF transformer shown at right is from a Philco Model 90, ca. 1931. An ohmmeter check revealed that its primary winding was open. The cause of failure became obvious after it was removed from its shield can. Although the problem can be seen more easily in a color photograph, a close look at Figure 1 will reveal dark areas in the smaller coil. In color, these areas are green while the lighter areas are copper-colored, as the wire should be. The green areas are the result of oxidation. I have seen this problem in a number of Philco sets.

The problem seems to be caused by the acetate insulation used between the primary and secondary windings. Acetate is a hygroscopic material — it absorbs moisture from the air. Water combined with impurities will produce corrosion. Corrosion will chew away at the fine wire used in the coil and eventually result in an open coil winding. Since many old radios end up in humid cellars, coil damage is quite common.

REPAIR OR REPLACE

Try removing the bad winding and the acetate insulation. Then see if the inner coil and coil form are in good condition. If so, installing new insulation and rewinding the coil would be a good way to go. If your coil winding skills aren't so hot or the

secondary coil is in poor condition, go the replacement route. Replacement universal RF transformers are readily available.

(Ray Bintliff, 2 Powder Horn Ln., Acton, MA 01720)





PHOTO REVIEW



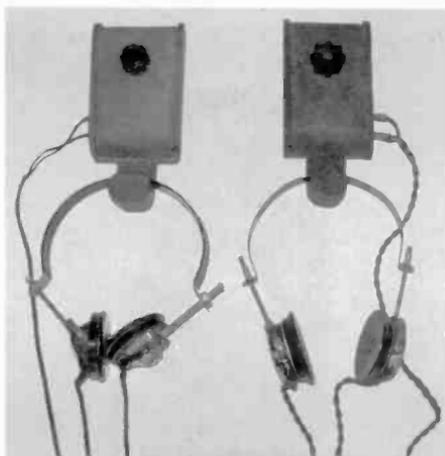
This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. 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.



GAUERS VHF – This small portable radio was manufactured in the 1960s by Gauers, a Swiss firm. It tunes the VHF band, as well as the broadcast band. I bought this set in its original box at a local church sale, along with its instruction sheet. It worked as soon as I installed the required six C cells. I like its Euro design. (Gary Kiffel – Scarsdale, NY)



MOTOROLA DEALER SIGN – This huge antique sign is on display in the banquet room of a T.G.I.F. (Fridays) in Kalamazoo, Michigan. Measuring 4' tall x 8' wide, it is the largest metal sign that I have ever seen. It was made by the Novelty Workers Union (A.F. of L.) in Coshocton, Ohio. Since the sign pertains to home and car radios and does not mention TV, it probably dates to the 1930-1939 era. (Dick Enos – Denton, TX)



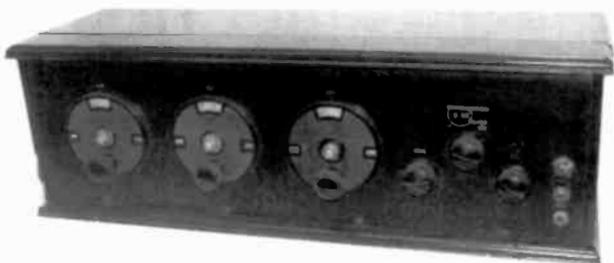
BLAUPUNKT CRYSTAL SET – Made in Germany, this 1945/46 crystal set is very well known. It was built in two different condenser tuning versions and is designed for wall hanging and for mounting headsets. (Erwin Macho – Vienna, Austria)



GENERAL TELEVISION, EMERALD MODEL – This all-wood cabinet radio, ca. 1939-1940, was built by the General Radio and Television Corp. of Chicago. It has a 6-tube circuit with a bias cell. The tuning eye tube is a Type 6G5. It tunes both the broadcast and shortwave bands. A smaller version was named the "Baby Emerald." (Jim Knapp – Phoenix, MD)

PHOTO REVIEW

SILVER-MARSHALL SILVER SIX – Manufactured in 1925 by Silver-Marshall, Inc., of Chicago, this 6-tube receiver is a kit-built set. It uses three plug-in coils and is coupled-circuit tuned. (*Wally Worth – Wollaston, MA*)



RADIO GINGER ALE – This wooden box has the trade name "Radio Ginger Ale, the Drink Supreme." "Superior Quality" is also imprinted on the case. This drink, along with other flavors such as sarsaparilla, lemon and lime, grape, and "Trico," was sold by First National Stores, Inc., of Boston, Massachusetts. A 12-slot container for quart-size bottles of soda (or "tonic, depending on where you are from) was standard for the period — 1925-1935, when even beverage companies got caught up in the radio name craze. (*Dave Crocker – Mashpee, MA*)



DETROLA MODEL 240 – This stylish 1938 table radio was manufactured by the International Detrola Corp. of Detroit, Michigan. The 5-tube chassis uses the following tube types: (1) 6A7, (1) 6D6, (1) 75, (1) 47, and (1) 80 rectifier. This restored model may not have the original knobs. (*Clark Trissell – Lincoln, NE*)

STEWART-WARNER MODEL 9042A – Measuring 24" x 10" x 10" overall, this heavy, wood cabinet receiver was manufactured, probably for export sale, by the Stewart-Warner Corp. of Chicago in 1949. All seven tubes are of the octal type, even the rectifier, at a time when miniature tubes had taken over. It operates on AC voltages from 110 to 245 volts. This 5-band AM set tunes the standard BC band and four SW bands. The radio requires an external antenna. (*Carl N. Robeson, Jr. – Yorktown, VA*)





AUCTION REPORT

Estes Auctions The Louden and Hanselman Collections Burbank, Ohio — April 24, 2004

REPORTED BY RAY CHASE

Estes Auctions held another of its now monthly radio estate auctions in Burbank, Ohio, on Saturday, April 24, 2004, at 10:00 A.M. Primarily the items sold were from the collection of the late William Louden of Euclid, Ohio, as well as Part II of the collection of the late Dr. Hanselman and his son Keith. Other consignments were also included. In fact, many items were still coming in on the Saturday morning of the auction.

These auctions always contain 600 to 700 or more lots of radio items and are a full day's entertainment even if you do not purchase anything. This auction contained many radio magazines, books, paper ephemera and tubes. Ham gear was in abundance, in addition to the usual good selection of battery sets, table radios and consoles. Several items drew particular interest such as an original Zenith ZEV suitcase portable that sold for \$5,000, a John Firth Vocaphone for \$1,700, a Kennedy 281 short-wave receiver for \$1,800, a Western Electric 4D superhet receiver for \$1,900 and a Remler 4 panel battery set for \$1,400.

Notwithstanding these highfliers, I thought that there were a lot of good deals to be had. One especially was a mystery Western Electric 4D receiver built into a cabinet with Remler tuning



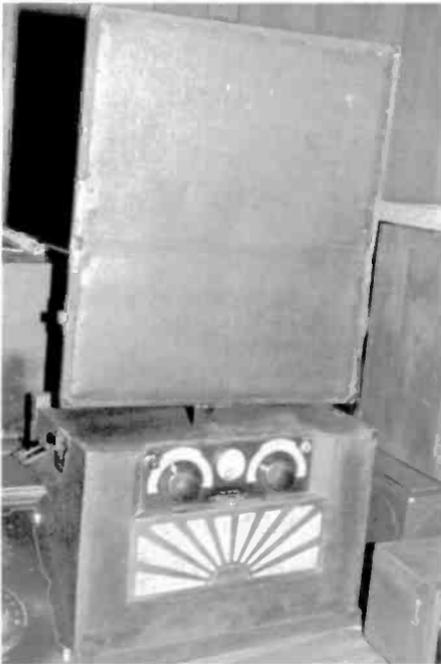
This rare Zenith Model ZEV portable was the top dollar item in the auction and sold for \$5,000.

capacitors, an audio amplifier using two 216A tubes and a Western Electric power supply that brought only \$400, hardly the value of the tubes. Consoles also seemed to take a beating; some very fine examples went for very reasonable prices.



Another rare item, this Vocaphone Model 235A sold for \$1,700, though it has three incorrect and one missing knob. An early battery set, it was manufactured by John Firth & Co. of New York City.

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.



An Operadio portable with its loop antenna in place. This 6-tube, 2-dialer battery set with tubes sold for \$175.

es. I guess if you do not bring a truck, you cannot take advantage of the bargains. All in all, a fine sale as usual.

I should mention that these Estes auctions are a real family affair. Many of the workers are part of Richard's extended family, including wife, sons, daughters, brothers, brother-in-law, nieces, nephews and even grandchildren. Some others in the family are auctioneers in their own right. Richard always introduces them individually, along with the other nonfamily principals at the start of each auction.

I stopped recording prices at 4:45 P.M. and the auction went on for another 45 minutes or so, but at this time, what remains are low value items, and many parts and tube box lots. The sale totalled in the neighborhood of \$60,000. The sale prices listed below do not include the 5 percent buyer's premium charged at this location.

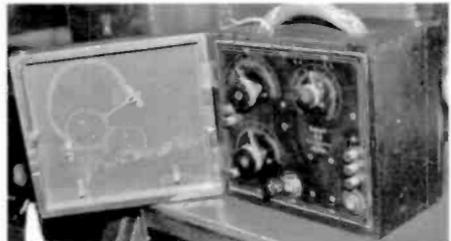
e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown condition, N.O.S.=new old stock, wk=working, nwk=not working, WT=with tubes, NT=no tubes, BB=brass-based, TT=tipped tube, SW=shortwave, PS=power supply, PB=push buttons, gf=good fill. All prices have been rounded down to the dollar. Some items with incomplete descriptions and/or low prices are omitted.

Detail Prices

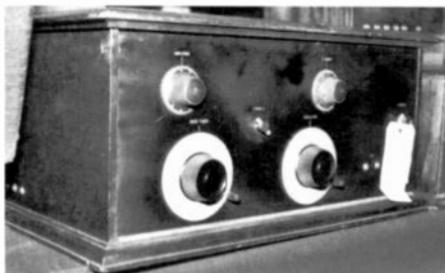
- AC Dayton 5-tube 3-dialer, w/ornate panel, WT, g \$125
- AC Dayton 70, 2-dialer, WT (7), wk, vg 175

- AC Dayton XL-20, 3-dialer, WT, g 125
- AC Dayton XL-5, 3-dialer, WT, vg 150
- Admiral SR10N, plastic 15
- Airline 5" TV, suitcase style, g 145
- Airlrline 62-188 console, 4 knobs, f 25
- Allied A-2516 Ham receiver 155
- Alco Co. (Cleveland) 1 tube & crystal detector, wood box w/honeycomb coil 275
- Amberola battery set, WT 85
- Antenna kit for home use, w/balun 10
- Arbophone cone speaker, open driver, torn cone, rusty 10
- Astron PS 25
- Astron RS-35A PS 110
- Atwater Kent 10A breadboard, WT & tags, g 800
- Atwater Kent 20, small box, WT 65
- Atwater Kent 22B cathedral, 3 knobs, vg 700
- Atwater Kent 30, NT, g 35
- Atwater Kent 33, WT, g 115
- Atwater Kent 37 coffin, vg 45
- Atwater Kent 37, in Red Lion desk console, w/PS, vg 95
- Atwater Kent 42 coffin, g 40
- Atwater Kent 47 coffin, vg 35
- Atwater Kent 545 tombstone, g 75
- Atwater Kent cone speaker, g driver 45
- Atwater Kent E3 speaker, g 20
- Atwater Kent large horn, g driver 95
- Atwater Kent TA breadboard island unit, 2-tube, green 300
- Atwater Kent type L console, cut down, f 30
- Baum crystal set, German, not old 30
- Bear Products small capacitor leakage tester, old 25
- Belmont 6D111, Deco, white plastic, no back, vg95 95
- Belmont 740 table, 4 knobs, wk, vg 75
- Bird RF load, large, probably a kilowatt 90
- Bird ThruLine 43 RF wattmeter, w/paper 65
- Bird ThruLine 3122 RF wattmeter, rack mount ... 125
- Bird wattmeter, w/7 elements 135
- Brandes B15 highboy console, f 20
- Brown curved horn speaker, g driver 115
- Browning Drake, WT, vg 65
- Brunswick end table, f 155
- CDE deluxe antenna rotor control 30
- Cockaday LC-26 slant-front, single dial, NT .. 55
- Collins 30L1 linear amp, w/PS 600
- Collins 516F PS 175
- Continental "Star Raider" large ornate highboy console, (2) chassis, WT (11+), including Type 484 (some missing), g 85

(Continued on following page)



This RCA Radiola II portable radio with tubes, but missing its headset, sold for \$375. A 2-tube battery set, it dates from 1923.



A mystery radio — a modified Western Electric Model 4D built into a cabinet. It sold for only \$400.



An interior view of the mystery radio. The modified 4D chassis is on the left, and an amplifier with one of the Western Electric tubes is on the right.

(Estes Auctions, continued)

Continental wood mantel radio, 3-dialer, decorated chassis, WT, g	70	Garod 3-dialer, w/glass sockets & meter	75
Crosley Fiver small tombstone, vg	110	Garod Catalin, red & yellow, w/handle, crack on side	500
Crosley 10-127, 1950s, plastic	10	Garod RAF, WT, refinished, vg	125
Crosley 11-1024, modern green plastic, vg ..	150	GE 7" table TV, Bakelite, some case damage, g	60
Crosley 13BK, white plastic, 3 knobs, repaired, g	15	GE 63 wood, "no dial set," PBs only	45
Crosley 148 cathedral	75	GE 102 table, plastic	10
Crosley 355 tombstone, 4 knobs, refinished, g ..	95	GE 863 tombstone, g	65
Crosley 638B wood table, g	45	GE E50 table, Deco, wood, 4 knobs, g	60
Crosley F Dynacone speaker, open driver	10	GE J64 table, Deco, wood, 4 knobs, PB, g ...	50
Crosley F-4 Dynacone speaker, g driver	40	Gloritone 29 cathedral, vg	155
Crosley O3CT big-dial radio/phono console, g ..	25	Grebe CR-9, WT, vg	625
Crosley Showbox, WT	45	Grebe RORK 2-tube amp, WT, vg	700
Crosley Trirdyn, NT	60	Grebe Synchronphase, WT, no case	105
Crosley Trirdyn, slant-front, WT, g	65	Grebe W3 AC Synchronphase, WT (3 blue), g ...	95
Crosley Trirdyn, WT, g	80	Grigsby Grunow celluloid horn speaker, g	75
Day-Fan, WT (Kellogg AC), & horn in cabinet, g .	75	Guitar amp & speaker on casters, 12" x 3' x 30" 100	
Delco 6200 midget, Bakelite, g	35	Hallicrafters 5R10A receiver, g	35
DeLuxe mantel set, chrome -rimmed, wood, vg .	150	Hallicrafters 46-R speaker, g	55
Detrola Jr. midget, small brown, w/hairline ...	50	Hallicrafters R-44 speaker, switch missing ..	85
DeWald yellow Catalin, w/red knobs, several cracks	250	Hallicrafters S-108 receiver, in box, g	100
Drake R4B receiver, & MS-4 PS/speaker, g ..	235	Hallicrafters S-20R, knobs not right, f	25
Eagle 3-dialer, WT, w/key to case, g+	110	Hallicrafters S-22R, g	65
Eagle Model A, 3-dialer, WT, wk, vg	110	Hallicrafters S-38, no back, f	30
Eagle V-K, large 3-dialer, in drop-front cabinet, WT, g	125	Hallicrafters S-38D, w/paper, g	65
Edison Standard morning glory long horn	100	Hallicrafters S-40B, g	35
Electro Importing Co. earphone piece	35	Hallicrafters SX-99, g	95
Emerson "Strad", w/orig. box, some damage, needs refinishing	275	Hallicrafters TW-1000 World Wide (like Zenith Trans-Oceanic), g	65
Emerson 640 miniature portable, some damage ..	5	Hammarlund HQ-100 receiver, g, (2)	65, 85
Emerson 646, plastic, g	10	Hammarlund HQ-145, w/clock, g	175
Emerson 811, green plastic	10	Hammarlund HQ-215 receiver, g	250
Emerson W-344 wood table, ingraham cabinet, g	205	Heathkit AT-1 transmitter	45
European small wood crystal set	45	Heathkit DX-35 transmitter, g	80
Fada 3-dialer Neutrodyne, NT, g	40	Heathkit PS for SB-101	40
Fada 711 yellow Catalin, w/white knobs, g ..	600	Heathkit SB-101 transmitter, g	85
Fada Neutrodyne, NT, g	45	Heathkit SB-220 linear, w/PS	150
Fairbanks Morse 5C wood table, 4 knobs, g ..	70	Heathkit SWR meter	20
Fairbanks Morse blue bulb in socket, gf	55	Herald horn speaker, open driver	30
Fairbanks Morse tombstone, missing one knob, g	50	Hickok 539 suitcase tube tester, w/paper, g	325
Federal 110 receiver, WT, vg	650	Hickok 600A suitcase tube tester, w/paper, g	175
Fender large speaker box, w/4 speakers, 4' x 3' x 2'	110	Home-brew 2-dialer, NT	25
Fisher FM stereo receiver, in box, no case ..	70	Home-brew battery set, NT, f	45
Freed Eisemann NR-7, 3-dialer, WT, g	55	Home-brew console, w/AK chassis, g	35
Freed-Eisemann headset	5	Home-brew slide tuner crystal set, g	30
		Hotpoint metal case TV	20
		Howard Neutrodyne, 3-dialer, NT, vg	105



An abundance of cathedral-style radios, including Atwater Kent and Philco models.

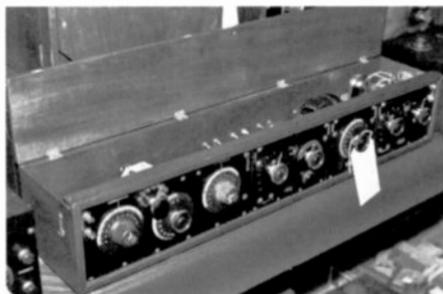


Included in this display of Ham equipment are sets from National, Johnson, Heathkit, Yaesu, RME, Kenwood, Icom and others.

Icom IC-701 transceiver, microphone & PS ..	225
Icom IC-728 transceiver, w/paper	200
Icom IC-765 transceiver, w/microphone & paper, g	550
Instructograph code practice machine, crank-operated, w/10 tapes & amp/speaker	55
Irving (Columbus, Ohio), 3-dialer, WT (5)	100
Jewel 5 small cathedral, needs wk	75
Jewett large "Super Speaker" horn, g driver, g ...	5
John Firth 235A Vocaphone, WT, w/(3) incorrect knobs, (1) missing knob, g	1,700
Johnson Viking II transmitter, g	155
Johnson Viking Matchbox, w/paper	55
Kadette 1129	50
Karlson speaker enclosure, w/15" Electro-Voice speaker	70
Kellogg Wavemaster, inductively tuned, WT & paper, unusual & wk	145
Kellogg Wavemaster, inductively tuned, WT, vg ..	75
Kennedy 281 shortwave receiver, WT, vg ..	1,800
Kennedy slant-front receiver, WT & meter ...	150
Kenwood DSP Signal Processor, in box, w/paper	50
Kenwood SM-220 scope, g	175
Kenwood TR-7930 2-meter transceiver, in box ...	75
Kenwood TS-520 transceiver, g	125
Kenwood TS-870 transceiver, g	600
King 3-dialer, in drop-front cabinet, w/speaker, NT	65
Kingston wood mantel set, refinished, vg	45
Kodell microphone/speaker, case only	170
KTI 20 amp supply	30
Lawrence battery set, NT	65
Limco crystal set, wood box	125
Magnavox 194 small cathedral, g	165
Magnavox 460 tombstone, chrome trim, g ...	250
Magnavox M4 horn speaker, open driver, g ..	65
Majestic 15 small console, vg	25
Majestic 72 highboy console, w/doors, g	45
Majestic Monarch metal military morale receiver ..	55
Medical Quackery device, small in case	35
Melodyne 3-dialer, WT, g	60
Military ARC-5 T16 transmitter, 0.8 to 1.3 MHz, N.O.S.	70
Military headset	7
Military, R-100/URR metal case morale receiver, g	85
Military, spy radios, 4 pieces: receiver, transmitter, PS (2), g	95
Military, T16 ARC-5 transmitter, 0.8 to 1.3 MHz, N.I.B.	130
Military, WW I GE Mark II aircraft radio, in	

crate, w/accessories, built for Britain, NT ...	500
Mohawk single-dial battery set, WT (6)	75
Monroe 2-dial, 3-tube battery set, NT	275
Moore Mfg. Co. crystal set	45
Motorola 17K12 TV console, 1952, g	35
Murdock Neutrodyne 3-dialer, WT, (2), g ...	65, 95
Musette cathedral/tombstone, refinished, g ..	165
Nation Mazda bulb in socket, gf	5
National HRO 50T, w/coils, g	215
National NC-100 ASD receiver, g	75
National NCX-5 transceiver, w/PS	65
National speaker in cabinet	30
National SW-3 Thrill Box, w/paper, g	125
National SW-3, NT, PS or coils	45
Newcombe Hawley PA amp, g	45
Nipper, medium size, stuffed	5
Novelty, "Knight in Armor" transistor radio	20
Novelty, Rocket Radio, repro, in box	5
Novelty, white Crosley repro	15
Omega 10 transistor radio, w/case	5
Operadio drum speaker, g driver, needs grille, f ..	25
Operadio large wood cathedral mantel speaker, g driver, g	70
Operadio portable, fabric, WT (6), vg	175
Optronics small frequency counter	40
Paco tube tuner & amp, (2 pieces), g	35
Pandora crystal set	150
Paragon 3-dialer, WT, (no model #)	150
Patterson PR-16, w/Grunow speaker, insides g, repaint vp, wrong knobs	190
Peerless cathedral speaker, g driver	10

(Continued on following page)



This impressive, 1922, 4-panel Remler battery set with tubes sold for \$1,400. The set consists of a 330 control panel, a 502 variometer, and a 333 control panel.



This nice Atwater Kent Model 37 in a Red Lion desk with speaker and power supply sold for \$95.



This German radio, manufactured by Siemens, sold for \$250.

(Estes Auctions, continued)

Philco 16 cathedral, g	175
Philco 20 cathedral, refinished, g	275
Philco 38-10 small console, g	45
Philco 38-690 wood table, 4 knobs, Deco, w/ rounded end	65
Philco 39-601, white plastic, 2 knobs, vg	35
Philco 40-125 wood table, g	35
Philco 44 cathedral, vg	175
Philco 48-464 large plastic, 4 knobs, vg	55
Philco 50 cathedral, 3 knobs, g	95
Philco 50T702 6" table TV, f+	105
Philco 60 cathedral, vg	125

Philco 66 tombstone, g	65
Philco 70 cathedral, chip out of base, g	300
Philco 70 cathedral, f	70
Philco 71 cathedral, g	225
Philco 89 cathedral, g	75
Philco 226 wood table	40
Philmore crystal set, 1950s	25
Quaker Oats crystal set, original, g	540
Radio Distributors of America single-dial battery set, WT (7), w/AC supply, vg	95
RCA 5U tombstone, w/phonograph in top, unusual	105
RCA 9BX5 portable, g	7
RCA 9X571 "Golden Throat," plastic, g	20
RCA 66BX portable	30
RCA 66X13 wood table, 3 knobs, g	25
RCA 86T wood table	25
RCA phonograph needle tins, (4)	10



Battery sets and horns aplenty.



Brightly colored Catalins are always eye-catchers.



A Belmont Model 740 in very good condition. This AC radio from 1937 sold for \$75.

RCA phonograph, 45-rpm, plastic case, w/amp & speaker, vg	70
RCA Radiola 17, no hood or back panel	40
RCA Radiola 21, WT	60
RCA Radiola 25, WT & loop	175
RCA Radiola 26, w/handle & battery box, WT, no tube cover, g	325
RCA Radiola 80 highboy console, WT 45, (2) 25	
RCA Radiola AR? Superhet portable, WT ...	135
RCA Radiola balanced amp, WT	115
RCA Radiola II, WT, original	375
RCA Radiola III, WT (864), g	105
RCA Radiola large cage loop antenna, w/wire ..	105
RCA Radiola V, w/crystal, no wood top, g ...	200
RCA Regenoflex, NT, w/199 adapters, f+	225
RCA UZ1325 horn, g driver	85
Realistic DX-200 receiver	30
Regal cathedral, g	80
Regina music box discs, (4), about 15", p	45
Remler 4-panel set, wood case, 1922, WT, 330 control panel, 502 variometer, 333 central panel, vg	1,400
RME 69, gray, w/paper, g	125
Sentinal 309, small brown Bakelite, g	35
Sentinel 329W, small brown plastic, g	30
Shamrock 6-tube battery set, WT	65
Siemens large metal table, German, WWII, 5 knobs & swastika, g	250
Signal 4-dialer, WT, wk, may be home brew, vg	125
Silvertone 7140 miniconsole, missing knobs f	30
Silvertone console, 1967, 5 knobs, wk, vg ...	115
Sonora 75, small, wood, piece out of top, vg ..	30
Sparton 930 highboy console, g	25
Splitdorf RV695, 2-dialer, NT, g	60
Steinite crystal set, wood box, g	95
Sterling small tube tester	15
Stewart-Warner 9100B, about 7" mirror-in-lid TV, f	25
Superior TB-11 wood case tube tester	20
Superior Variac	5
Telefunken Junior, 1960s portable, wk	30
Telegraph, Boy Scout telegraph practice set (only one), old	35
Temple 50 ornate mantel speaker, g driver ...	20
Thorens TD-150 turntable on wood base	20
Thorla ornate cone speaker, g driver, cone torn	200
Tom Thumb wood midget, vg	180
Trav-Ler clock radio, wood case, g	20
Trimmm large horn speaker, g driver, g	50
Triumph Signet horn, g	150
Truetone 2408 table, large dial, plastic	45
US Apex cathedral, f	150
Utah ornate drum speaker, g driver	60

Victor USI pleated paper mantel speaker, f ...	45
Viking phone patch, new	5
Waldfeld child's record player	15
Ware Model T, slant-front, WT	170
WE 4D receiver, final audio transformer replaced with a Mignon, g	1,900
WE 14" cone speaker, paper f, open driver ...	55
WE mystery set, a modified 4D receiver, w/ Remler tuning caps, WE PS, WT (216As & a 205), very unusual, appears to be factory-built or a very professional home brew, all in one cabinet	400
Westinghouse H204 table, plastic, 3 knobs ...	50
Westinghouse illuminated advertising clock, "TV/Radio," 16" dia., wk	200
Westinghouse RC (RA/DA), NT, f	85
Westinghouse RC, small crack in wood	200
Whitestone 3-dialer, NT, f	30
XM scope	115
Yaesu FL-7000 linear, g	900
Yaesu FT-990 transceiver, g	375
Yaesu YO-301 scope, g	75
Zenith 5S127 tombstone, g	200
Zenith 7S633 wood table, g	135
Zenith 8G005Y Trans-Oceanic, g	70
Zenith 8G605Y Trans-Oceanic. 8-tube, g	65
Zenith 9S54 black-dial console, needs wk ...	115
Zenith 10S668 console, f	35
Zenith 11E, w/PS, NT, no back. f	25
Zenith 52 lowboy console, w/auto tune, vg ...	65
Zenith 500 black transistor radio, wk	25
Zenith 500 white transistor radio, wk	25
Zenith C845 AM/FM, 1950s	5
Zenith chassis & speaker only, shutter-dial, 9 tube, no knobs, f	75
Zenith Companion ZEV very early suitcase portable, WT (5), damage on bottom of case	5,000
Zenith H500 Trans-Oceanic, g, (2)	85, 95
Zenith HG5000 Trans-Oceanic. g	65
Zenith L600 Trans-Oceanic, g	55
Zenith R500 transistor radio	30
Zenith wood case, home brew of sorts, 2 knobs, g	120

Paper & Advertising:

Allied & Lafayette catalogs, flat	\$15
Atwater Kent, 4th ed. Instruction book	15
Atwater Kent 35 instructions	6

(Continued on following page)



A treasure for any radioman's library — 23 Rider volumes, plus abridged Volumes 1-5, selling at \$250.

(Estes Auctions, continued)

Bucher, <i>Practical Wireless Telegraphy</i> , 1917, green, hardcover	35
Central Electric Co., 1917 catalog, yellowed, f	25
Central Electric Supply, 1922 catalog, yellowed	50
<i>Citizens Radio Call Book</i> , 1920s, (4)	20
Clock, 14" dia. plastic illuminated "TV Radio Service"	45
DuMont child's riding yellow TV panel truck by Hubley, g	350
<i>Electrical Experimenter</i> , 1919/20, (2)	20
<i>Electrical Experimenter</i> , dirty, (6-8 flat), 1916 ..	45
<i>Electricity Made Simple</i> , 1899, hardcover	25
<i>Electrotherapy & Light Therapy</i> by Kovacs, 1935, hardcover, (2)	22
<i>Elements of Radio</i> , hardcover, f	4
Framed can labels (3), (radio related)	45
Framed pencil drawing of man listening to radio, 2' x 3'	140
GE large plastic illuminated advertising clock, 2' x 30"	45
Glass candy dispenser, shape of battery radio, w/horn	55
Grebe CR-5 & CR-8, original instructions, g ..	30
<i>Ham News</i> , flat	15
Italian radio magazines, very colorful, not old, (20)	120
Kennedy 110 instructions, g	110
Philco metal sign with service prices	30
Philco service manual	10
Prescott, <i>Telegraph</i> , 1877	80
<i>QST</i> , 1931, full year	8
<i>QST</i> , 1933, 1935 & 1936, full years	25
<i>QST</i> , 1934, full year	5
<i>QST</i> , 1935, full year	15
<i>Radio Blue Book</i> , 1926/27, f	30
<i>Radio Boys in Africa</i> , hardcover	10
<i>Radio Broadcast</i> , 1930, (3), g	5
<i>Radio Broadcast</i> , 1929, (2)	5
<i>Radio Broadcast</i> , 1929, (2)	5
<i>Radio Craft</i> , (2), vg	2
<i>Radio Data Book</i> , hardcover, (2), <i>Radio Enters the Home</i> , soft, original version	35
<i>Radio for Everybody</i> , hardcover, f	12
<i>Radio News & Science</i> magazines, (5)	15
<i>Radio News & Short Wave Radio</i> , 1936, (9) ..	10
<i>Radio News</i> , 1922, (2), f	40
<i>Radio News</i> , 1923, (5), f	15
<i>Radio News</i> , 1925, (5), g	35
<i>Radio News</i> , 1926, (6), g	25

<i>Radio News</i> , 1926, (12), g	40
<i>Radio News</i> , 1927, (13), g	30
<i>Radio News</i> , 1931, (9), 1932, (2), g	20
<i>Radio News</i> , 1932, (12)	10
<i>Radio News</i> , 1933, (5)	5
<i>Radio News</i> , 1933, (6)	10
<i>Radio News</i> , 1936, (5)	6
<i>Radio News</i> , 1937, (6)	12
<i>Radio News</i> , 1937/38, (2)	7
<i>Radio News</i> , 1938, (6), g	15
<i>Radio News</i> , 1950s, (13)	10
<i>Radio Questions & Answers</i> , hardcover	5
<i>Radio/TV News</i> , 1950s, (6)	5
<i>Radio/TV News</i> , 1950s, (5)	2
<i>Radio/TV News</i> , 1950s, (5)	2
<i>Radiotron Designers Handbook</i> , red, 4th ed. ..	40
Rasco #19 radio catalog	20
Raytheon 14" dia. illuminated ad clock, "Radio/TV," vg	240
<i>RCA Red Book</i> , 1931	5
<i>RCA Red Book</i> , 1938-42, f	4
Rider, all 23 vols., & 1-5 abridged, g	250
Rider, Index, 1 to 10	5
Rider, TV, Vol. 1	15
Rider, Vols. 4 & 5, p	10
Rider, Vols. 7, 9, 11	5
Sams service books, (6)	4
<i>Short Wave Craft</i> , 1933	2
<i>Short Wave News</i> , etc., 1935, (7)	10
Stromberg-Carlson telephone catalog, hardcover	15
William Duck catalog	45
Zenith ad for transistor radio, odd	25
<i>Zenith Story</i> , dark green, pamphlet	25
Zenith service manual, Vols. 3 & 4, 1951	25

Microphones:

Astatic D104 "lollipop"	\$25
Astatic desk	15
Electro-Voice 611 desk model, g	75
Electro-Voice 630	30
Electro-Voice 630, vg	45
Electro-Voice 654, in box, w/pouch	65
Ellis spring stand microphone, on floor stand, w/case for stand, vg	1,000
Kenwood MC-80	35
Shure 55SB, vg	90
Turner crystal microphone, g	15

Tubes:

01-A, globe, N.I.B., (5)	\$85
01-A, gf, (5)	45
01-A, gf, (6)	85
01-A, rebased dud, transistorized, (5), (5), (5)	20, 30, 30
1L6, military, in box, (3)	75
2A3, ST	35
2A3, Philco single plate	65
5R4 & 5U4, N.O.S., (18)	20
6E5, in box, (3)	35
6E5, N.O.S.	15
6JB6A, N.I.B., (2)	10
6L6, (metal, 5)	5
6L6G, gf, (3), (6)	20, 50
6SN7, in box, (40)	45
6V6GT, (14)	10
12AX7, in box, (3)	12

12AX7, used, (9)	17	RCA 6L6, metal	5
26 & 27, blue, 2 missing plate caps, (8)	85	RCA 200-A, BB, TT, gf, (2)	40
26, globe, gf, (14)	10	RCA 216-B & Cunningham 316B, globe, (2)	20
45, ST, gf, (2)	25	RCA WD-11	70
45, globe, (2)	80	RCA WD-11, gf, (2)	40, 70
45, globe, gf, (2)	65	RK-65, transmitting, w/3 radiators on terminals	10
50, globe, gf, (2)	170	Songbird 99, gf, (2)	15
71-A & ST 71, globe, N.I.B., (4)	60	SX-400, display, (3)	20
71A ST, N.I.B., (2)	30	Sylvania 2A3, ST, (2)	30
199, rebased dud, transistorized, (5), (5), (5)	10, 10, 20	Tung-Sol 6550, (2)	85
201-A, rainbow, gf, (3)	35	Tung-Sol 6552, gf, (2)	60
201-A, gf, (5)	45	UV-01-A, gf, (2)	20
201-A, in box, (4)	55	UV-200, BB, (2)	20
450TH, transmitting, w/socket mounted on wood base	40	UV-200, BB, TT	20
886 ballasts, in box, (10)	30	UV-201, BB, TT, (2)	70
1629 eye tubes, (6)	5	UV-201-A, gf, (3), (4)	20, 35
5881, gf, (4)	40	UX-201-A, in box, gf	20
Arcturus 127, gf, (2)	25	UX-210 & C 10, gf, (2)	110
Audiotron, fixed to socket, w/socket, gf	105	UX-210, globe, gf	50
Cunningham 201-A, globe, gf, (5)	45	UX-245, globe, gf, (2)	65
Cunningham 350, w/box	105	VT-25, ST, N.I.B.	10
Cunningham 250, globe, gf	115	WD-11, gf, (2)	85
CWL 860 transmitting	10	WD-12, BB, Westinghouse & RCA, gf, (2)	35
CX-299, in box, gf, (2)	30	WD-12, gf, (2)	30
CX12, gf, (3)	25	WE 101D, gf, (3)	95, 100, 105
DeForest DV-5 in a DL-5 can	80	WE 101D, nickel base	105
Duovac & RCA 245, globe, (2)	55	WE 101F, gf, (9)	ea., 35, to 80
Early experimental tube, looks like a VT-1, w/socket	55	WE 102F tennis ball, gf	65
EL34, (2)	35	WE 102F, gf, (3)	50, 65, 85
EL34, N.I.B.	50	WE 104D, gf	50
EL34, used, (2)	30	WE 104D, nickel base, gf	75
EL34, used, Mullard & Raytheon, (2)	40	WE 104F, gf	85
Eye tubes, (6)	5	WE 215A, in box	30
GE tube display, WT (150±)	55	WE 216A, gf, (2)	55, 65
Genelex KT-88, (2)	50	WE 216A, gf, (2)	115
Machlett 242C, transmitting	10	WE 337A & 329A, in box, (2)	30
Magnavox Type A (201-A), gf	20	WE VT-5, N.O.S., in box	15
Marconi LS-98, gf	25	WE101L, N.I.B.	50
Moorhead SE 1444, w/orig. box	175	WE205D, gf	200
Mullard 12AX7	15	WE5603, (2)	20
Mullard ECH35, in box, (2)	25	Westinghouse 10Y, N.I.B.	55
Music Master gold 01-A	15	Zenith, set of N.O.S. Trans-Oceanic tubes, (2)	30, 40
Philco ST 10, N.O.S., (2)	35		
RCA 2A3, single plate, ST	95		
RCA 2A3, ST, (2)	65		

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Estes Auctions, 7404 Ryan Rd., Medina, OH 44256; (330) 469-4002; estesauctions@aol.com)



This impressive display of radio ephemera is typical of what is available at Estes Auctions.

MEET & AUCTION REPORT

Michigan Antique Radio Club Extravaganza '04 Lansing, Michigan — July 9-10, 2004

REPORTED BY JOHN REINICKE

On July 9 and 10 at the Holiday Inn South in Lansing, Michigan, the Michigan Antique Radio Club (MARC) hosted Extravaganza, one of the most successful and fun gatherings of antique radio collectors in the country. Extravaganza is the biggest of four meets held by MARC annually. Michigan is usually glorious in the summer, and that was particularly true this year as attendees enjoyed perfect weather for the entire event.

The theme for this year's event was Zenith. In this choice, the Michigan Club joined several other clubs in celebrating one of the most famous and collectible of all radio manufacturers.

Extravaganza is noted for several outstanding features. Of course, there is a large flea market which is held directly adjacent to the host hotel. Entering the flea market, you first saw the "big top," a large tent in the middle of the activities. Registration was conveniently located at one end of the tent while the hospitality area was at the opposite end. Between the registration and hospitality areas were over 60 tables for vendors to display their wares. The tent provided a central spot for folks to gather, and a place to rest in the shade.

The flea market was full and several people commented that they felt like "a kid in a candy store" as they walked up and down the aisles. As one would expect in a flea market, the quality of goods varied from the very collectible to what



A closer view of the flea market shows one vendor's offerings in which Zenith products seem to dominate.

could charitably be called "parts sets" and a wide range in between. Certainly all found something to please their interests.

A number of extras make Extravaganza enjoyable — several presentations, an equipment contest displayed at a Friday evening social gathering with a live orchestra, an auction, a Ladies Luncheon, crafts under the big top, 50/50 drawings, and sellers' drawings. In addition, the Michigan club has what it calls a "Good Buy Affair," the closing donation auction. This year there was even a Grand Prize raffle.

To encourage attendance by the general public, MARC advertises in several Michigan metropolitan newspapers with particular emphasis on the Lansing area. In addition to print advertising, there were several spots on "oldies" radio stations in the area. The Michigan club also conducts "Radio Rescue," which provides an evaluation service for members of the general public. Radio Rescue was busy on both days.

The event opened on Thursday evening, July 8, with the first presentation. Club president John Reinicke did a program called "Dealing with Zenith Radios," a "hints and kinks" discussion of repairs with emphasis on things particular to Zenith sets. This session was held in the hospitality area under the big top. Over 50 people enjoyed and contributed to the presentation.

After the presentation, club trustee, Rob Murrell

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.



In the Zenith Accessories Contest, the "Guardian Ear" microphone/transmitter, left, and "Radio Nurse" receiver/loudspeaker, center, combined entry, was the First Place winner. This transmitter/receiver was the forerunner of today's baby monitor.

produced his old 16-millimeter movie projector and the audience was treated to "Mike Fright" – a "Little Rascals" short. The pleasant summer evening and the comedy provided a most enjoyable and amusing start to an outstanding event.

FRIDAY ACTIVITIES

Friday activities got underway at 7:00 a.m. with the hospitality area ready to provide coffee, donuts, pop, cookies and a variety of treats all day long. The nice weather ensured that a large number of shoppers were well distributed and sales were brisk. Attendees enjoyed the opportunity to acquire new treasures, socialize, swap stories, exchange ideas, see a lot of interesting items, and generally have a good time.

The ladies luncheon at noon on Friday provided a pleasant opportunity for the women to get together and socialize over a meal at Hummingbird's restaurant in the hotel. The company was cordial, the food was good, and even prizes were awarded.

The presentation room has a capacity of over 100, and this year both sessions were "standing room only." Presentations are open to all registered attendees.

The first presentation was on "Alumalite Casting Resin." This was a "show and tell" that explained how anyone could use the Alumalite material to cast replacement parts for old radios. For the demonstration, several knobs were cast and the results were remarkably like the originals. Alumalite can also be used to replace some of those nasty pot metal castings as well.

The second session on "Zenith Radios" was conducted by that well known Zenith expert, Alan Jespersion. Alan had pictures of his extensive Zenith collection and discussed the joys and frustrations of Zenith collecting. A prominent part of his presentation was the Zenith Stratosphere, one of the most desirable collectible radios in the world, slated to be exhibited at the Social Evening.

Friday afternoon closed with a 50/50 and seller's drawing under the big top. As most people know, a 50/50 drawing is based on the sales of tickets with the winner getting half of the proceeds of the ticket sales. The seller's drawing is a feature of all Michigan Antique Radio Club events. All sellers are given a ticket for each space or table they rent. At Extravaganza, one ticket is drawn on Friday and one on Saturday. On Friday, the prize was \$50.

The Social Evening provided the close of the day on Friday. The Social Evening, which is open to all registered attendees, is notable for two reasons: first, the Equipment Contest provides the backdrop for the affair and gives people a chance to enjoy complementary snacks and a cash bar; second, there is live entertainment. This year music

was provided by the II-V-I (pronounced two, five, one) Orchestra conducted by David Swain.

This year the centerpiece of the Equipment Contest was a Zenith Stratosphere. Several people commented they had never seen a Stratosphere and were delighted to discover one at the meet. As has become typical of the Michigan event, there were many rare and interesting items in the contest. Several pieces were featured in particularly attractive displays. It is very gratifying to see so many collectors willing to share their treasures, particularly since, in many cases, it takes quite a bit of effort to display them.

In addition to individual category awards, awards are given for "The Everitt Lincoln Best of Show," "Best Restoration," the "Chairman's Award, and the "People's Choice Award." The "People's Choice Award is based on the polling of attendees at the Social Evening. The contest chair, Dan Gutowski, and all of the Club Board really thank the contest entrants for their considerable efforts.

The Social Evening includes a short business meeting at which the "Don and Nancy Colbert Volunteer of the Year Award" is made. The award winner is selected by the previous winners of the award, and this year it went to Club Member, John DenHartigh for his ongoing support of the club.

The Grand Prize, a very good Zenith 6S27, was raffled off as a close to the business meeting. Each registered attendee received one raffle ticket and additional tickets could be purchased. The raffle was interesting in that it was done in "survivor" format. Five tickets were drawn and each of the five winners could choose to auction off his ticket on a 50/50 basis with half of the proceeds going to the club.

After the auction (and one individual chose to auction off his ticket) a ticket was pulled from the remaining five. This ticket was "off the island." The remaining four could then hold their tickets or auction them off. Again, another was "off the is-

(Continued on following page)



The showpiece of the Zenith Equipment Contest was this Zenith Stratosphere, Model 10007. This radio, ca. 1936, has 25 tubes and two speakers.

(Extravaganza '04 continued)

land" and the process was repeated until there was one "survivor." It appeared most people really enjoyed this form of raffle.

The orchestra closed out the evening with an outstanding collection of swing and big band numbers. The music was very well received by the audience, and a number of couples could be seen dancing to the music — a very pleasant close to the day.

SATURDAY EVENTS

The meet continued on Saturday. Virtually all of the vendors in the flea market stayed for the second day and late arrivals filled in the few spaces. The foot traffic was very good in the flea market and "Radio Rescue" remained busy all day.

There were two presentations on Saturday. Once again, Mark Oppat did his very popular presentation of "Hints and Kinks." Everyone enjoys Mark's ability to repair old radios and his willingness to share the information in an effective way.

After Mark's presentation in the hotel, Rob Murrell did a hands-on "Radio Craft" session for children of all ages under the big top. About 25 people made a small lacquer box and applied a radio-related decal. Those who did it wound up with the satisfaction of making an attractive object and having a nice souvenir of the event.

Saturday afternoon featured a live auction con-

ducted by club member and well-known professional auctioneer Rich Estes. The Michigan auction is conducted as a "buy-back" auction. Items are offered without reserve and the seller may bid on his own item in order to protect the price. Items must make a \$20 minimum or they will be "no sale."

The buy-back auction format has a number of advantages. The bidding remains lively and it is not obvious if an item has made reserve. The seller can change his mind as the bidding proceeds. There is a modest commission for buy-back items and, therefore, the commission for sales items is also modest. The Michigan auction provides club members the opportunity to consign just a few pieces with very little risk and low commissions. There were a number of rare items offered, and the overall condition of the pieces was good.

This year's auction was more interesting because an individual arrived Saturday morning with an entire truckload to consign to the auction. There was not time to sort this estate collection completely, so a large number of box lots were offered. These box lot provided the bidders with the possibility of finding a real treasure in a box, and the bidding was lively indeed.

The 240 lots offered for sale totalled \$18,841. Of this, \$3,732.50 were buy-back items and just 18 items were "No Sale." Once again, all participants were treated to the dynamics of a live auction, and were offered the opportunity to inspect the items offered personally.

The auction paused at 4:45 P.M. for the second 50/50 drawing and the \$75 seller's drawing.

The meet closed on Saturday evening with the "Good Buy Affair," the large donation auction. The Michigan Club is very grateful for the size of these auctions because they help pay for the event. The donation auction was presided over by board members Mark Oppat and Dan Gutowski with help from Mike Dale and quite a large number of other people.

Because of its size, this auction is conducted on a "choice" basis. An entire table is offered for bidding and the winning bidder can choose any one or more items at the bid price for each item. After the first bidder selects his item anyone else may select an item or items at the bid price. If there is no more interest at that price, the bidding is



Glamour helps to sell the 1941 line of Zenith radios. This display received a Third Place ribbon in the contest.

opened again and the process repeated. By the time several rounds have been completed, the bidding is for a couple of bucks and the tables clear quickly.

In addition to supporting the club, the "Good Buy Affair" is just that — a chance to acquire a number of items at very low prices. The beginning collector can pick up that first set, the restorer can pick up a basketcase and the repair person can pick up parts and parts sets. All who attended really enjoyed the auction and it was fun to see the size of some of the piles of "stuff" some bidders acquired.

The Holiday Inn is a well-run hotel with a good restaurant. There are several other restaurants in walking distance or just a short drive away. The Michigan Club prides itself on having very friendly and well-run radio shows. The effort shows and most people call this a very "laid back" affair. This is because of the hard work and planning on the part of over two dozen volunteers and board members. It is fun because it works!

The auction listing follows. Most box lots, other items with non-specific descriptions and items in poor condition are omitted. All prices have been rounded down to the dollar.

e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown condition, N.O.S.=new old stock, wk=working, nwk=not working, WT=with tubes, NT=no tubes, BB=brass based, TT=tipped tube, SW=shortwave, PS=power supply, PB=push buttons.

A1 crystal radio, g	\$60
Admiral record player, mint	60
Admiral TV, (2), (1) wk, f	25
Admiral TV, (2), (1) wk, g	45
Aetna 635 tombstone, 1937, vg	275
Aircastle 2610, 6-tube, SW, g	40
Airline 84BR1508B, e	75
Airline, 1941, SW, nwk, f	30
Airway 51, 1924, WT, vg	300
Airway 62, 1925, vg	120
Airway K, WT, w/phones & horn speaker, e	1,000
AMC Catalin, hairline cracks, g	350
Arvin 540T, vg	35
Atchison Radio, early '20s, g	180
Atwater Kent 10 breadboard, w/tags, vg	900
Atwater Kent 20C, in Pooley cabinet, vg	35
Atwater Kent 32, NT, vg	25
Atwater Kent 37, w/speaker, f	40
B&K 14-60 scope, w/manual, g	30

B52 auto/home radio, 6v/110v, g	25
Barnsworth table, AM, vg	55
Beitman radio diagrams, (5) books, f-g	20
Belmont 6D-111, buy-back, e	75
Blaupunkt Nizza (European), vg	20
Bosch Cru ser 66 (5 tubes), g	20
Burns horn, w/driver, small crack in one panel, buy-back, g	400
Champion spark plug radio, solid-state, in box, mint	100
Crosley 02CA, knobs missing, f	35
Crosley 02CA, nwk, f	20
Crosley 676, f	20
Detrola chairside radio/phono, Deco, buy-back, e	85
Detrola SW converter, g	65
Dictograph horn speaker, g	85
Emerson EC425, vg	50
Emerson Neon sign, e	160
Freed-Eisemann 845 speaker, f	20
Freshman Masterpiece, f	40
Garod AM radio, restored, g	40
GE 408, vg	20
GE E76, multiband, 1936, g	45
GE H62, f	35
GE L916, WT, g	20
General Radio 1554A sound analyzer, e	30
General Radio & TV piano radio, f	115
Grunow 654, f	115
Grunow 660, WT, g	105
Hallicrafters S-38, p	20
Hickok 534 tube tester, g	50
Hickok 752A tube tester, WT, vg	255
Howard 418 12-tube console, g	94
Imperial, metal front, buy-back, e	85
Kellog Wavemaster 507, g	155
Kennedy XL, f	300
Lafayette HA230 receiver (Hallicrafters style), g	40
Loewe Opta (European), g	20
Loop antenna with compass base, f	25
Lytic J, buy-back, f	50
Magnavox, wk in a drawer, w/C battery, g	50
Majestic 20, e	60
Majestic 50, e	80
Majestic 460, g	95
McIntosh MC250, buy-back, mint	275
McMurdo-Silver signal tracer, w/manual, buy-back, vg	25
Melodium 7-5A French microphone, g	55

(Continued on following page)



The Second Place winner in the Accessories Contest was this display of Zenith tubes and their cartons.



An overall view of the tent setups and a glimpse of the flea market activity.

(Extravaganza '04 continued)

Melodium 42-B French broadcast microphone,vg	350
Miniature crystal, w/slide tuner, buy-back, g ...	40
Motorola 57X, w/additional parts and poster, g	20
Motorola 83K1, buy-back, g	95
National equipment case, w/wheels, e	45
Northern Electric 5110, Deco, vg	55
NRI Color TV kit, w/manuals, unassembled, new ..	20
Packard Bell Model 5AC, w/Northwest dial, g ..	40
Perfectone orange horn speaker, g driver, f ...	75
Philco (Grimmel Bros. cabinet), vg	55
Philco 38-7, g	30
Philco 40-215, w/mystery remote, f	30
Philco 050 tester, w/charts, vg	50
Philco 54, p	40
Philco 70 cathedral, f	165
Philco 70, p	100
Philco 91, p	35
Philco 118, 1935, g	55
Philco Radio Bar, wrong glassware, buy-back, vg	700
Philmore crystal set, w/dust cover, g	45
Philmore crystal, w/headset, g	65
Predicta 21-inch TV, g	125
Queen Radio table, 1925, f	25
RCA 26X4, g	30
RCA 45-EY-3 phono, g	35
RCA 85T1, g	25
RCA 103 tapestry speaker, p	35
RCA 106 speaker, f	27
RCA Alice in Wonderland phonograph, buy-back, g	75
RCA chair, vg	100
RCA Radiola 28, NT, p	25
RCA Victor 6-RF-13 hi-fi set, 1957, buy-back, e ...	45
Silvertone #1, vg	45
Silvertone 6178-A, w/crack, buy-back	150
Sparton 66, g	75
Sparton Polo, some parts broken, vg	250
Speaker/battery table, 1920s, vg	20
Splittorf spark generator, f	20
Star Detector crystal radio, g	175
Stromberg Carlson, 430H, g	25
Superior 650, vg	20
TEAC tape deck, buy-back, g	50
Technics set of 2 speakers, g, buy-back	155

Telefunken 5384W, stereo, new tubes and caps, g	70
Temple Air-Chrome, e	60
Thorola Jr. speaker (1924), g	45
Trav-Ler radio, 1948, g	25
Trutone D2661 battery set, no cracks or chips, vg	70
Trutone Plaskon, a few stress cracks, g	55
Tube(s): 201, 301A, (5), g	50
Tube(s): 864, replacement for WD11, g	150
Tube(s): Amperex 205D, in original box, g	55
Tube(s): Arcturus 6T5 eye for '38 Zenith, unused	200
Tube(s): UV99, (4) , g	35
Tube(s): Western Electric 101F, e	45
US Radio Gloritone, WT, e	85
VR speaker, buy-back, vg	155
WW II TG31 military repeater, w/case, vg ...	105
WW II vintage Navy telegraph key (British Admiralty), g	40
Zenith 5S127, restored, g	200
Zenith 6S52 console, g	175
Zenith 10S464, g	65
Zenith 12H889, vg	100
Zenith 12S471 shutterdial, vg	750
Zenith 510, e	50
Zenith 1936 7-tube chassis in 1937 cabinet, factory- built, g	450
Zenith Cobramatic demonstrator, f	30
Zenith desk set, w/pens, e	45
Zenith Dynavox children's phonographs, (3), p	20
Zenith H615, g	35
Zenith K731, g	20
Zenith Royal 3000-1, f	20
Zenith Trans-Oceanic, brown leather, (2), g ..	165
Zenith volume controls, N.O.S., (41), g	55
Zenith X347W stereo, g	20

(John Reinicke, 7458 St. Auburn, Bloomfield, MI 48301)

The Michigan Antique Radio Club (MARC) publishes "The Michigan Antique Radio Chronicle" quarterly, and holds quarterly meets, as well as the annual Extravaganza. Dues are \$20. For more information: Don Colbert, membership@michiganantiqueradio.org.



RADIO MISCELLANEA

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

KRME-FM at American Museum of Radio

Dear Editor:

On July 18, 2004, the U.S. Federal Communications Commission (FCC) granted a construction permit to the American Museum of Radio & Electricity in Bellingham, Washington, for the creation of a low power FM radio station, KRME-LP 102.3, which will broadcast old-time radio programming in the downtown Bellingham area. The museum is now in the process of raising funds to purchase a transmitter and antenna for the station. The permit allows 18 months for construction. Studio space will be located within the Museum's current facility at 1312 Bay Street.

KRME will broadcast classic programming from the Golden Age of Radio, as well as produce its own shows through community involvement, including Saturday children's programs and live broadcasts of local entertainment venues. Organizers also plan to broadcast historic clips of past decades.

The American Museum of Radio & Electricity has earned national recognition for its collection, which features thousands of artifacts tracing the dawn of the electrical age through the invention of radio. Hours are Wed. through Sat., 11 A.M. to 4 P.M. For more information: call (360) 738-3886 or log on to www.americanradiomuseum.org

Jonathan Winter, Bellingham, WA

GE K60 Diagram Found

Dear Editor:

In his article in the October '04 A.R.C., Jerry Wieland said that he could not find a diagram for the GE K60 on the Internet. The first place that I looked was Rider's Index, and there it was: see RCA R37. The Mallory Yaxley Radio Service Encyclopedia also has a section at the end of the GE listings, cross reference of General Electric-RCA Victor models where it lists the K60 as an RCA 37. It is fairly well known that in the early years of radio, there were a number of RCA-GEs and GE-RCA.

I enjoy your magazine and look forward to its arrival each month.

Jim Gauldin, Danville, VA

Ad Success

Dear Editor:

I look forward to receiving A.R.C. every month. I just found a dial glass for my Zenith 12U158 through A.R.C. that I've been looking for over ten years!

Keith Park, Clifton, NJ

More on Hudson Clipper

Dear Editor:

The Hudson American Corp. Clipper radio auctioned at the AWA meet in August, shown on page 12 of the November issue, is a 32-volt receiver.

William P. Turner, St. Charles, MO

Beware of Internet Scams

Dear Editor:

I have been a longtime subscriber to A.R.C. Recently, I experienced an incident relative to one of my ads which was running as a past ad on the A.R.C. Internet site which is open to anyone, not just subscribers.

A respondent appearing to be from London proposed to purchase one of my items. Rather than sending a check for the cost of the item plus shipping and have me ship the item, he proposed something different. He would send me a check and have a private carrier come to my home to pick it up.

This week a Bank of America cashier's check arrived, but it was for ten times the value of the item. He instructed me to cash the check, deduct the price of the item and wire the balance to a Western Union account. Suspecting the check was a fake, I took it to a Bank of America branch, and they verified it was a forgery. This is a sorry sample of Internet fraud.

I'm writing this note to warn other readers of A.R.C. to be aware of this kind of scam.

Alfred Ross, Brier, WA

Dear Editor,

I have had at least a dozen scam inquiries from overseas to "buy" items that I have advertised in A.R.C. I have notified service providers where I can. Hope some of the scammers have been put down for a while anyway.

You might put a mention in the magazine once or twice a year warning advertisers. It is especially bad if the internet address is included in the ad. I now leave mine out of the ad.

Thanks.

Alan Partin, Dayton, OH

Thanks for the reports. We have run warnings about such scams on our "Editor's Comments" page in the past. This month, we are again running a warning, updated to reflect recent reports. (Editor)

Article Made My Day

Dear Editor:

On July 17, I purchased a Zenith 7J259 console at a swap meet in West Virginia for \$110. One week later, I received the August '04 issue of A.R.C. The article by Richard Arnold on his Zenith 7J259 made my day.

Carl Sutton, Ironton, Ohio

Good Job, Folks!

Dear Editor:

I like the very decent job you folks do in publishing your magazine. I can imagine that it's a thankless task and that it's tough to be accurate. I appreciate it, as do many others. Good job folks!

Bryon Bemor, Acton, CA

We appreciate your recognition of that effort. (Editor)



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 a 1 form 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 artboard 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 to make up Ad
	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



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 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.

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:

- Free 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



FOR SALE: Sony TC-353D, three head, four track stereo tape deck, wood base, plastic cover, original owner's manual and service manual, works perfectly and clean as a pin - \$95 plus shipping. Allen Partin, 114 East Rahn Rd., Dayton, OH 45429. (937) 436-9588

FOR SALE: Rebuild all the old metal 78 crystal cartridges like Astatic, Shure, Webster Electric, EV and RCA. Rebuild the 45 RP 190, magnetic horseshoe for phonos and jukeboxes. Also, the Seeburg Pickering blackhead and redheads. We rebuild the crystal and magnetic cutter heads for record cutter units like the X-26, M-41, Presto etc. Also rebuild the Edison Voicewriter crystal cartridge. We make all new idlers for the VM, 45 RP 190 idlers and cams, and the Zenith Cobra along with some 3,000 N.O.S. We provide record changer, record cutter and wire recorder restoration. Sales and service. West-Tech Services, 570 Hazelgreen Rd., Smithville, WV 26178. Monday-Friday 10-5 EST. Tel/fax: (304) 349-2149. E-mail: westtechservices@yahoo.com. Web: www.westtechservices.com

FOR SALE: Go to our website at gn4radios.com for an extensive new listing of items for sale including new repro parts for 1940 Zeniths! We now offer capacitors at a very competitive rate and we offer the highest quality electrical restoration for Zenith Trans-Oceanics and all other tube radios! Zenith Georgian 15U272; Zenith 22H698; Interocean 588 (Zenith 288). Also, Philharmonic Chippendale Grande with remote control! We have all of your reproduction Zenith restoration parts. Call for info. New push buttons for 1940 Zenith radios. Dial glass for 1939 Zeniths. Repro plastic pointers for 7, 9, 12 and 15 tube 1939 Zeniths - \$30 each. New! Revised edition of our own Zenith Brochure Book to reference your radios with color cover, more pages and added models - \$28.95 plus \$5.95 shipping. Updated parts and supplies catalog, request free copy. E.H. Scotts for sale. See website. We have many Zeniths and other radios for sale. AC power cord for 7000 Trans-Oceanics - \$10 plus \$5 S/H. Most Trans-Oceanics available, call. Hard to find Rider's manual numbers in stock, call. We can and do ship consoles and we do it right. Satisfaction guaranteed, highest quality assured. We offer complete chassis restoration service on all radios. Visiting Minneapolis? Visit our store Great Northern Antiques at 5200 Bloomington Ave. just 3 miles from the airport. Owner's and service manuals for most Scott radios. We have over 100 different highest quality repro knobs. We stock a large selection of quality repro grille cloth. We accept Visa, Discover, Mastercard, American Express and Paypal. Alan Jespersion PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 11 am-4:30 pm. Fax (612) 821-4820 during business hours. 11-4:30 Tues-Fri, Sat 10-3. E-mail: mte612@aol.com

FOR SALE: Glayzit Bakelite restorer - \$10.99 + \$4 S&H. Get it from: Radiotiques.com, 4 Curry Ct., Wilmington, DE 19810

FOR SALE: Photofacts TSM-24, TSM-29, TR-109, Citizens Band Vol. 1, (2) full boxes of radio/TV manuals. Angelo Pallotta, W2TPW, 1367 D'Angelo Dr., N. Tonawanda, NY 14120. (716) 695-0329. E-mail: nthursday@wzrd.com

FOR SALE/TRADE: Outstanding shutterdial & blackdial consoles. Trade for: Arborphones, Cavacs & International Kadettes. Delivery: Midland "RadioGlow" Feb. 12/13! C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019 evenings please. E-mail: ken@kennevins.com

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 • 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-
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 • 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: Scintillaton counter #111B - \$75. Mitchell Lullaby #1250 - \$75. 1926 FADA R-65, nice - \$175. Seeburg SE100 Jukebox - \$600. Viking I - \$150. Ernest Odoneal, K5QJF, 2710 Lee St., Greenville, TX 75401. (903) 455-2113/455-5788. Email: odoneal@geusnet.com

FOR SALE: Zenith Golden Triangle transistor radio, Royal 950. Pair of JBL D-131 speakers. Nicholas A. Vaksvik, 235 Marvin Ave., Los Altos, CA 94022-3713. (650) 279-9931

FOR SALE: The following Catalin and Bakelite radios: Red Catalin Sentinel 284NB - \$2,050. Maroon and white Plaskon Addisor 2 - \$495. Oxblood red Catalin RCA 66X8 - \$650. Marbleized brown Bakelite Philips 930C cathedral - \$450. Green speckled on one half, pink speckled on the other half, Kolster Brandes - \$650. Brown and tan Kadette Jewel - \$275. Peanut butter Plaskon Addisor 2 - \$475. Brown Bakelite RCA 9SX - \$250. Rare band-aid color Plaskon Kadette H - \$615. Brown Bakelite w/gray pushbuttons Zenith 413 - \$195. Brown Bakelite Detrola Junior - \$145. Bendix 114 (same design as the Catalin), marbleized and tan - \$240. Black and chrome Motorola 5X1U with metal stand - \$95. Maroon and gold Crosley 56-TD Duette - \$165. Peter Fee, 26 Smull Ave., Caldwell, NJ 07006. (973) 403-8913. E-mail: pifee@aol.com

FOR SALE: Zenith tombstone #705 - \$325. Philco cathedral #70 - \$625. Magicstone bottle radio - \$325. Rich Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (973) 694-6374

**Carolinas Chapter
of the
Antique Wireless Association**



29th. Annual Conference

"Spring Meet in the Carolinas"

~ ~ Thursday - Friday - Saturday, MARCH 24-25-26, 2005 ~ ~

Charlotte, NC

~ **The Sheraton Charlotte Airport Hotel** ~

I-85 @ exit 33, the Billy Graham Parkway

For CC-AWA group rate make your reservations directly with the Sheraton by call 704-392-1200, or via email by visiting our web page at CC-AWA.ORG.

There will be NO Buying, Selling, Trading, or Displaying of Merchandise before 8AM Friday March 25th.

~ GIANT ESTATE AUCTION ~

200+ items from the estate of Larry Boyer, retired RCA engineer.

"SPECIAL" Friday evening Auction for Tubes, Paper & Ephemera

Due to the rising cost of hosting this event we have been forced to increase some fees. We hope you understand. Your staying at the Sheraton during the event will help with this too.

CONFERENCE FEES	In Advance	At the Door
GENERAL ADMISSION	--- \$12 each --- (spouses free) -----	\$20 each
VENDOR SPACE RENTAL	--- \$25 for FIRST space ----- \$20 for each additional space ---	\$30 each
Saturday ONLY admission	----- N/A -----	FREE
ANNUAL BANQUET	--- \$25 each person, in advance <u>ONLY</u>	
SATURDAY LUNCHEON	--- \$15 each person, in advance <u>ONLY</u>	
PRE-REGISTRATION MUST BE POSTMARKED NO LATER THAN MARCH 14th.		

If you have attended the Conference before, you will be mailed a brochure.

For a detailed Conference schedule and a printable Pre-Registration form please visit our web page at: CC-AWA.ORG

Send Pre-Registrations to:

CC-AWA c/o Robert Lozier
600 East Green Street
Monroe, NC 28112

To request a conference brochure:

Ron Lawrence, Conference Chairman
704-289-1166
email: kc4yoy@trelis.net

RADIO XXXVI

Biggest Show on the East Coast ★ Same Giant Location
710 Attendees ★ 65 Exhibitors ★ 7,900 Square Feet ★ 94 Tables

An Indoor Old Radio Flea Market

Sunday, February 20, 2005 — 8:00 AM — 12:00 NOON

Registration begins for all at 7:30 AM

\$10 admission (spouse & children free) – Exhibitors see below.

Westford Regency Inn — Regency Room — Westford, Mass.

(I-495 at Exit 32 — directions below)

Refreshments will be available.

Visit John Terrey's Collection of Early Radio & Wireless

Sunday 1:00 PM - 2:00 PM. 5 MI. from meet. Info at meet. Over 600 items on display!

Pre-registration & Info.: A.R.C., P.O. Box 2-W20, Carlisle, MA 01741 – (866) 371-0512 – arc@antiqueradio.com

Exhibitors: \$10 per person for admission plus \$30 per table. Table sizes and location assigned on a first come-first serve basis. Early registration is recommended. Last year's exhibitors in the main hall, may reserve the same location, if we receive their paid registration by February 1, 2005. Four table limit per exhibitor. Exhibitors must occupy tables for entire show. Tables unoccupied 15 minutes prior to the end of the show will not be eligible for early reservation of the same location in 2006. Exhibitors may register at the door or may pre-register by mailing payment to: Radio XXXVI, c/o A.R.C., P.O. Box 2-W20, Carlisle, MA 01741. (Make check/MO to A.R.C.; Visa, MasterCard, Discover, American Express OK, too.) If paying by credit card, exhibitors may pre-register by calling (866) 371-0512 or faxing (978) 371-7129. **Note:** After picking up registration materials at the registration desk, exhibitors may enter the hall only to deliver goods to their table (e.g. not to set up) and then must return to the foyer until the doors open for everyone at 8 AM. **Cancellation Policy:** Table fee will be refunded only if requested and the table is resold. If a table is not occupied by 9 AM, a table may be cancelled and resold.

Overnight stay: Westford Regency Inn at 1-800-543-7801. Mention Radio XXXVI for special rates. Room reservations should be made by January 31, 2005 for special rates. Bring your family to enjoy indoor pool, health club, racquetball courts, three restaurants, bar, etc. Night skiing at Nashoba Valley Ski Area, only 2 miles away!

Directions: From I-495, take Exit 32. Follow "To Rt. 225" sign. At stop light, turn right onto Rt. 110-West for 0.4 miles. The Westford Regency is on the right. Use doors on right (north) side of Inn. Ramps at both show entrances! The Westford Regency Inn and Conference Center is a 193-room hotel with 2 restaurants and over 500 parking spaces. With over 20,000 square feet of conference space, we have room to expand our future radio meets!

Sponsored by:

The Greater Boston Antique Radio Collectors

Not a club, no dues, no newsletter... just a great group of collectors!

Thanks to Antique Radio Classified for organizing this meet.

WANTED: Detrola grandfather clock radio, Detrola chairside radio, Detrola table model TV. Dennis Smith, KN8H, Box 113, Trenton, MI 48183. (734) 675-5847. E-mail: mrdetrola@yahoo.com

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

WANTED: Paying your price for one tortoise Catalin Motorola 50XC circle grille knob and one green Catalin Kadette Clockette knob. Peter Fee, 26 Smull Ave., Caldwell, NJ 07006. (973) 403-8913. E-mail: pjfee@aol.com



WANTED: Carousel and a few Red Raven Records. Being a gramophone enthusiast I am into collecting Gizmos, Gadgets and Gimmicks for the 78 rpm records. David T. Row, 5 Omar Khayyam Ave., Teachers Estate, Singapore 788531. E-mail: row5oka@singnet.com.sg

WANTED: Crosley one piece tube shield for #124 chassis. David D. Kaiser, 375 Yarmouth Rd., Rochester, NY 14610. (585) 654-6604. E-mail: ddk375@frontiernet.net

WANTED: Uncommon radios, amplifiers, tuners, detectors, advertising by Grebe, Paragon, Federal, DeForest, RCA, others. Thanks. Steve Wallace, 3707 Pricetown Rd., Fleetwood, PA 19522. (610) 944-7230. E-mail: kkks@epix.net

WANTED: Radiola 64 speaker & speaker board. **FOR SALE/TRADE:** Capehart flip record changer, new boxes of dogbone resistors. Bob Eslinger, 20 Gary School Rd., Pomfret Center, CT 06259. (860) 928-2628. E-mail: bob@oldradiodoc.com



WANTED: Air King Skyscraper radios, except for that unbearably ugly model with the third (tuning) eye at the top that bears better resemblance to a flounder than to the face of a building. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Zenith Stratosphere or cabinet, any condition. Will trade from vast supply of fine radios or buy. Will pick up. Go to our website at gn4radios.com. Alan Jespersion, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 11 am-4:30 pm Tues-Fri, Sat 10-3. Fax (612) 821-4820 during business hours. E-mail: mte612@aol.com

**SOUTHEASTERN ANTIQUE
RADIO SOCIETY
SIXTH ANNUAL
WINTER INDOOR MEGA MEET**

8 AM to 12:30 PM

February 26th, 2005

**Saturday
Cumming, GA**

Held at Magnolia Antique Mall, Exit 14, GA 400
More info: Bob Niven (678) 227-2283
or www.sarsradio.com

Seller registration is \$15 and includes one table and chair.
Auction at 10:30 AM.

Catered lunch & technical program at 12:00 PM

NOTICE: SELLERS SET UP AT 7:00 AM

NO EARLY SALES!

Buyers ADMITTED Free at 8:00 AM

Pre-registration highly recommended!

A.G. Tannenbaum

Electronic Service Data

PO Box 386, Ambler, PA 19002

Phone: (215) 540-8055

Fax: (215) 540-8327

STILL THE



FOR

Service Data — 1920s - Present

Credit Cards Welcome

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

FOR SALE: Zenith Royal 7000 Trans-Oceanic, exc. original condition - \$160. Have other Trans-Oceanics for sale. Signal generators and signal tracers, call for details. VTV meters and tube testers, call for details. Philco 66B, exc., original - \$155. Some consoles that need work, cheap. Pick up only on consoles. Bill Waite, 116 Flash Rd., Nahant, MA 01908. (781) 477-2781. E-mail: bilvik@earthlink.net

FOR SALE: Triplett 3434A sweep-marker gen. - \$25+. "TOBE" condenser analyzer, old - \$20+. Robert Rossi, 10936 Melbourne St., Allen Park, MI 48101. (313) 386-8321

FOR SALE: Phono needles and cartridges. N.O.S. needles from the 1920s-1990s, many obsolete 33/1, 3, 45 and 78 RPM. Pro Mag, power points, diamond, sapphire, osmium, over 20,000 in stock. Magnetic, ceramic and crystal cartridges. If not in stock, we will rebuild your old one. West-Tech Services, 570 Hazelgreen Rd., Smithville, WV 26178. Monday-Friday 10-5 EST. Tel/fax: (304) 349-2149. E-mail: westtechservices@yahoo.com. Web: www.west-techservices.com

FOR SALE: National SW-3, all original, early, 2 coil sets, pwr supply (home-brew) - \$190. Jim Gaudin, 134 Hawthorne Dr., Danville, VA 24541. (434) 791-2286. E-mail: jimgauldinsr@earthlink.net

FOR SALE: Western Electric 416 type planar tubes. Jack A. Freeman, 2512 Sunnycrest Dr., Reidsville, NC 27320. (336) 349-6656

FOR SALE: (3) books: RCA Service Notes, hard bound, 8 3/4 x 11 in., clean, #1 1931-1932, #2 1934 (360 pp.) - \$50 each. #3 Coil Winding by Wm. Querfurth, 3rd revised ed., cw 1954, 58, 68, 215 pp., hard paper cover - \$40. All clean, no penciling. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: 0441. E-mail: bernies@samnet.net

FOR SALE: Philco 38 cathedral and factory cardboard box, good condition - Make Offer. Ronnie Franklin, 2130 Hwy. 45, Loris, SC 29569. (843) 756-3392

FOR SALE: Edison console phonograph, mechanically perfect, cabinet solid and complete - \$150 plus shipping. Allen Partin, 114 East Rahn Rd., Dayton, OH 45429. (937) 436-9588

RATE FOR ADDITIONAL WORDS:

29¢ per word

FIRST 20 WORDS FREE!

Cash OK for small amounts.

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

FOR SALE: N.O.S. Sony F-500 dynamic microphone - \$25 includes postage. Bob Barr, 9660 S.E. Little Club Way N, Tequesta, FL 33469

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Jan. 10 for Feb. 2005 Issue

Feb. 10 for Mar. 2005 Issue

Photo & Display Ads - 1st

WANTED: Pushbuttons and a volume knob for an Airline 04BR-729A radio. Also the AC probe for a Hickok 209A voltmeter. Call or email. Dan Gaffney, 5312 River Ridge Dr., Lansing, MI 48917. (517) 323-9128. E-mail: Cadberry@aol.com

WANTED: Connecticut J-113 rheostat, Grebe 3" varicoupler knob, 0-50 cal. Philco 51 tube shield. J.C. Woychowski, 81 Penn. Ave., Niantic, CT 06357. E-mail: jc.woy@snet.net

WANTED: Edison phonographs, cannot imagine the bargains in the A.R.C., Edisons going for \$50 (Sept. 04, pp. 30), another \$175 with parts (Aug 04, pp. 38) and \$150 (May04, pp. 50). Any offers? David T. Row, 5 Omar Khayyam Ave., Teachers' Estate, Singapore 788531. E-mail: row5oka@singnet.com.sg

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: Anything Western Electric, Erpi, McIntosh, Marantz, Tannoy, Langevin, Jensen, Quad, Attec, Dynaco, Fisher. V. Vogt, 2311 Pimmit Dr., #114, Falls Church, VA 22043. (206) 898-0880. E-mail: archaicaudio@webtv.net

WANTED: Airline 62-101 chassis & spkr, Majestic 15 antenna coil, Philco 77 lowboy RL final, 16EP4 CRT. Keith Park, 31 Barkwood Ln., Clifton Park, NY 12065. (518) 373-0417. E-mail: topnotch@nycpar.rr.com



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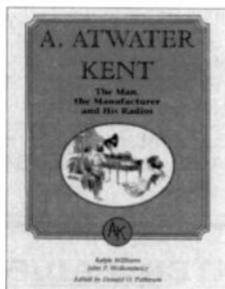


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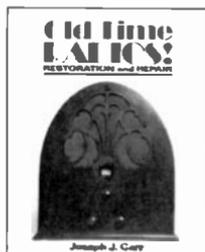
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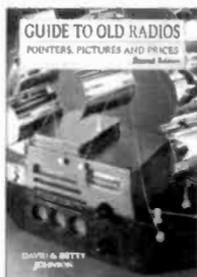


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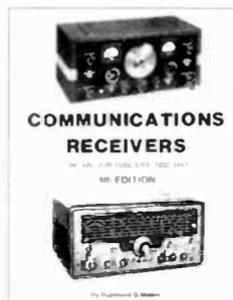
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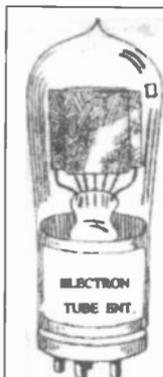
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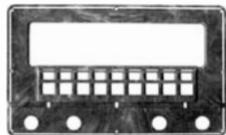
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FOR SALE: RCA Radiola 18 with hood, 100-A spkr, orig. owners manual, untested - \$125. Philco 84 cathedral, working set - \$100. Peerless cathedral, oddball runer, untested - \$150. All plus shipping. William Devlin, 67 Powell Ave., Rockville Centre, L.I., NY 11570. (516) 594-0372 eves/wknds please

FOR SALE/TRADE: The following items are preferably for trade, but will consider MPD (mere paper dollars). All items are in excellent working condition, all original good cases, great faces, good lettering, etc., unless otherwise specified. IP 501A, will DX from Alaska to South America on NDBs! Atwater Kent Model #9 breadboard, black wrinkle island; Westinghouse RADA combo; Kennedy 281/521, shiny, as good as they get; Northern Electric Model 5 amp; Bristol Model M amp; Magnavox M1 horn, gold; Radiodyne WC-10; shiny Clapp-Eastham RADAK HR. New from our \$50-\$75 and cheaper department: Bell & Howell 16mm projector - offers; Knight kit KN600 tube tester, book, good chart, works fine - \$75; Westinghouse ivory refrigerator, works - offer; General Electric early transistor, portable, top hat transistors, nice, working, PA 888B - \$25. **WANTED:** Will trade above or pay cash for: SE 1071, triode A, triode B, other WWI detector/amps (Radio Shack is all out!). World War I radios: National 239; CN 112; SE 950; SE 1950; IP 500/SE 1420/1220; RCA 106 D; Marconi 294; other WWI sets. Norden Hauck Navy 10, Golden Luetz; other super; Western Electric 540 cone speaker, complete and/or base and driver. Knobs: 1" and 1 3/4" knurled, as used on Westinghouse RA/DA, etc.; Century buzzer a/o cover? Ha! Ha! Op lit for WWI and Kennedy 110/220 sets. Always buying: Vintage broadcast microphones, tube pre's, compressors by Altec, RCA Western Electric, Sony, etc. and World War I spy radios and related stuff. E-mail best contact but if you call, don't be bashful, leave a message! Ward Kremer, 1179 Petunia Rd., Newport, TN 37821. Ph./fax: (423) 625-1994. E-mail: witzend99@earthlink.net

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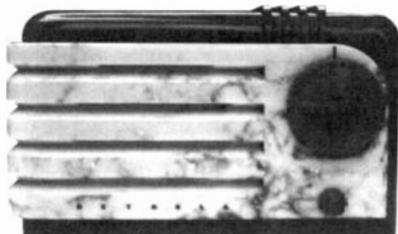
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WANTED: Small 7 inch TV sets from the 1940s. Thanks. Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. (859) 484-9393. E-mail: charper@kyk.net



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

WANTED: Clock for Philco 70 grandfather clock radio. Mark S. Cowart, W4MSC, PO Box 550766, Jacksonville, FL 32255-0766. (904) 641-2795. E-mail: JaxJagLvr@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 Pocahontas Dr., Ft. Walton Beach, FL 32547. (850) 314-0321. Fax: 0824. E-mail: SonnySound@aol.com

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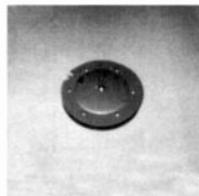
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WANTED: My Webster-Chicago wire-recorder Model 228-1, RMA 375 is incomplete. I need to buy (a) the take-up spool, (b) recording microphone, (c) accessories, if any, (d) 6 spools of recorded music and song (no classical stuff please) of 1/4 hour or 1/2 hour duration. (See ad March '99, p. 31 with incorrect technical data). David T. Row, 5 Omar Khayyam Ave., Teachers Estate, Singapore 788531. E-mail: row5oka@singnet.com.sg

WANTED: Will pay top dollar for a chassis & speaker for a Crosley Model 58 Buddy Boy. Robert Remes, 914 Hermosa Dr., Holbrook, AZ 86025. (928) 241-0100

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FOR SALE: Zenith 37A console. **WANTED:** Need junker 6-S-27 (need chassis & speaker). Claude Chafin, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-3391

FOR SALE: Radiola III, IIA, balanced amplifier manuals, enlarged photocopies, nicely done - \$5.50 each ppd. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. E-mail: hw12x12arc@sbcglobal.net

FOR SALE: Emerson 888 vanguard transistor radio, green, large chip - \$20 + postage. Motorola transceiver, submini tubes - \$25 + postage. Radio sale: <http://members.aol.com/dmradios/tube.html>. Donald M. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: dmradios@aol.com

FOR SALE: Radio collection 1920s-1930s, nice stuff. Richard Arnold, PO Box 275, Lone Grove, OK 73443. E-mail: arnold@brightok.net

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WANTED: Cabinet for Stromberg-Carlson Model 130-U or buy the entire radio working or not. Arnie Sanchez, 9615 Rockhurst, Houston, TX 77080. (713) 939-9221

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WANTED: Bandswitch side cabinet side panel for Zenith Trans-Oceanic 1000 or 3000. Robert Perlstein, W11V, PO Box 642, Old Orchard Beach, ME 04064. (207) 934-9206. E-mail: perls@ime.net

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WANTED: Front panel, knobs, schematic and operating instructions for Scott Model LT-111 FM tuner. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

WANTED: Chassis for Canadian Philco Model 217 w/ without tubes. Ernest Bigler, 292 Cleveland Ave., Macon, GA 31204. (478) 746-6616. E-mail: leroybigler@cox.net



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FOR SALE: Devry low voltage DC/AC power supply - \$20, call for info. Sencor CR-143 CRT tube checker - \$20. Cornell-Dubler capacitor decade box, CDB-3 - \$15. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244. E-mail: sbon524@comcast.net

FOR SALE: 1947 A.R.L. Handbook, gc - \$15. Parts from Philco 41-605, 46-200, selenium rectifiers. James S. Looney, Rt. 1, Box 54, Grundy, VA 24614. (276) 531-8677. E-mail: mowman2003@yahoo.com

FOR SALE: Mayfair TC 930, pair of walkie phones, like new in box - \$25 plus shipping. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

FOR SALE: Philco floor model radios: 40-190 - \$200; 65 - \$250; 111 - \$125; 41-280 - \$200; 42-380 - \$200. All working and beautiful. Also have Philco 112 chassis and speaker - \$45. Pick-up in CT. Don Willard, 5 Plank Ln., Glastonbury, CT 06033. (860) 368-2464

FOR SALE: Tubes, 6V6-G - \$8 ea.; 6SJ7-WGT - \$4 ea.; 6BK4-C - \$10 ea.; 6SN7-GT - \$4 ea.; 6SN7-GTA - \$5 ea.; 6SN7-GTB - \$6 ea. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

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WANTED: R105/ARR-15 for restoration. Buy or trade. Bob Hall, 4595 38th Way S, St. Petersburg, FL 33711. E-mail: rhall1@tampabay.rr.com

WANTED: Classroom demonstration radio board with AC/DC tube type radio for our radio club. Mike Grimes, K5MLG, 5306 Creekside Ct., Parker, TX 75094. (972) 384-1133

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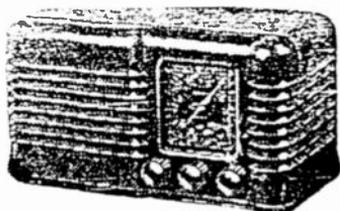
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WANTED: Old broken tube testers, Sterling, Supreme. Scruffy, parts gone OK. Call, or send a card Charles Kirsten, 11873 Bunker Dr., Rancho Cucamonga, CA 91730. (909) 989-4343

WANTED: Audio driver transformer. Thordarson Type T-17d01 or Merit Type A-2921 or equivalent. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050

WANTED: Zenith, the bomber Trans-Oceanic 1942. Arvin, Hopalong Cassidy, table N, 1950, metal. DeForest D-7 or D-7A or D-10 or D-12, table. Radiophone, 1923, with loop antenna. Emersonette, Series B, portable, 1948, plastic. Radiola IIIA or balanced amplifier with or without tubes, 1924. Radiola 26, portable, 1925, with rotating antenna. Erich Bauer, 5618 S.W. 11th Ave., Cape Coral, FL 33914. Ph./fax: (239) 945-6702. E-mail: e.e.bauer@freenet.de

WANTED: Philco chassis #X60185, 6A7-78-78-75-42-80 (8" dyn. speaker). Robert Enemark, PO Box 1607, Duxbury, MA 02331. (781) 585-6233



WANTED: Radio, Bakelite box, English make, Pilot Little Maestro 1940 or so. Normal 5 valve superhet, not TRF. (See ad Aug '02, p. 33). David T. Row, 5 Omar Khayyam Ave., Teachers Estate, Singapore 788531. E-mail: row50ka@singnet.com.sg

WANTED: N.O.S./N.I.B. 12SA7, 12SK7, 12SQ7, 50L6, 35Z5 tubes in some quantity. Igor Goliot, 17 Addison Dr., Fairfield, NJ 07004. E-mail: goliot@lucent.com

WANTED: Pre-1925 Zenith and Chicago Radio Laboratories. 1 pay top dollar. Scott Morton, 3011 Hudson, Erie, PA 16508. E-mail: mrzenith@aol.com

WANTED: Radio collections, large or small. Most interested in high quality sets from the teens, 20s and 30s. Howard Stone, 2825 6th Ave., Fort Worth, TX 76110. (817) 924-9372. Web: www.Howard@StoneVintageRadio.com

WANTED: Model 60 cabinet for Philco, in good condition. Dial and vol. knob for Detrola Pee Wee. Thanks. Bruce Raig, 10005 Bay Pines Blvd., #642, St. Petersburg, FL 33708. (727) 398-0966

WANTED: 1. Who repairs Sinclair micro TVs? 2. Who can repair a TV-7 tube tester or supply a new meter? 3. Where can I get drive belts for Weltron Spaceball 8-tracks? Bruce Phillips, 127 Bunker Hill Ave., Stratham, NH 03885. (603) 772-7516. E-mail: radioorphanage@concast.net

WANTED: Original cardboard box for Realistic DX-160, 1930s Radio Today magazines. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old_radios@yahoo.com



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WANTED: Need someone knowledgeable of Philco Model 89 and parts availability. Need power resistor, Part No. 63-85 for power supply Model ZE10 on a Zenith radio Model 33X. Jim Rogers, PO Box 1843, Cottonwood, AZ 86326. (928) 639-4206. E-mail: connieandjim@yahoo.com

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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, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Chassis for RCA 56X5, 56X3, 66X13 or 36X. H.F. Brammell, 907 Waverly Way, Emporia, KS 66801. (620) 342-3074. E-mail: hfradio@osprey.net

WANTED: Donations to our high school training class. Radios, parts, books, anything electronic welcome. David Freeman, Gold Coast High, 4260 Westgate Ave., West Palm Beach, FL 33409

WANTED: Exceptional Crosley 1055 tombstone and Western Air Patrol tombstone Model WA or other WAP tombstones. Gerry Harmon, 10803 Chateau Hill, Austin, TX 78750. (512) 699-0000. E-mail: gerryharmon@austin.rr.com

WANTED: McIntosh MI350 or MC3500 amplifier. Hi-fi stereo, theater, broadcast, speakers and tubes. Sean Brady, 3202 N. Manor Dr. W, Phoenix, AZ 85014. (602) 284-7000. E-mail: rosemanor@cox.net

WANTED: Mounting bracket for Dahlberg pillow radio or parts set with bracket. Thanks. Lowell Muehlbrandt, 45973 Donahue, Macomb, MI 48044. (586) 263-4911

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WANTED: Merle Duston's Radio Library, vols. 1-12. Richard Dzick, 37079 Tamarack Dr., Sterling Heights, MI 48310. (586) 268-4671. E-mail: n8mq@arrl.net

WANTED: Guild Teapot radio, in good to excellent condition. Dick Bergeron, PO Box 652, Springvale, ME 04083. (207) 490-5870

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WANTED: Tubes: quantities, unused, boxed, transmitting, receiving, especially 6293. Send SASE for latest list AL. Also selling Teletype parts. Typetronics, PO Box 8873, Ft. Lauderdale, FL 33310-8873. (954) 583-1340. Fax: (954) 583-0777

WANTED: Two schematics. Knight kit T-175 and Palamar 350Z linear amplifiers. Willie Carr, N4XE, 2739 Colonial Ave., Roanoke, VA 24015. (540) 343-5606

WANTED: Merit transformer catalog inquiry offer reply. Fred R. Sonnenberg, 36 Woodbury St., Wilkes-Barre, PA 18702-3308

WANTED: Original boxes for Atwater Kent breadboard radio parts. Also want Heathkit O-1 oscilloscope (see A.R.C. July 2003, p. 53 for photograph). Erich Brueschke, 319 N. Lincoln St., Hinsdale, IL 60521. (630) 325-9259. E-mail: eeb44@hotmail.com

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FOR SALE: Vacuum tube collector selling entire collection. Many new in the original box 01-A. DeForest DL & DV series new and used. Western Electric, new & used. eBay sellers name TipTopTubes. Jeff Arndt, 908 6th St., Kewaunee, WI 54216-1718. (920) 323-6789. E-mail: vtubes@charter.net

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FOR SALE: Philco cathedral Model 37-84, vg - \$125. Motorola portable Model 68L11, exc - \$50. Buzz Miller, 725 Mt. Rock Rd., Carlisle, PA 17013. (717) 776-3279. E-mail: buzzm@sprintmail.com

FOR SALE: 1930s Wurlitzer piano with built-in radio (Lyric T-4), radio plays well, asking - \$5,000. Douglas Wright, 625 Rolling Hills Dr., Canyon Lake, TX 78133. (830) 905-3050. E-mail: dwjw@moment.net

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FOR SALE: Antique radio schematics plus data, still only - \$3 ppd. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003-1853. (304) 277-3154. E-mail: wa2trt@1st.net

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FOR SALE: 16 different auto programmed workbooks from Cleveland Institute of Technology - \$10 + shipping. Martin Gottstine, 11136 79th St., Pleasant Prairie, WI 53158. (262) 948-0421. E-mail: m.l.gottstine@worldnet.att.net

FOR SALE: Knight hi-fi mono block amplifier, Model KN632, 32w, EL34 tubes, potted transformers - \$125. Thomas Rocheleau, PO Box 132, Franklin, MA 02038. (508) 528-3061

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HELP: Still looking for operation and maintenance manuals for Gold Star scope Model OS-8020R. Don Mier, 4009 N. Foxdale Ave., Covina, CA 91722. (626) 338-9225

HELP: Need dial for Westinghouse Model H-188, antenna coil for Emerson Model U5A. Will buy junker. Larry Porter, 4115 Beam Rd., Crestline, OH 44827. (419) 683-2540

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

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. Web: <http://www.borg.com/~dave2> or <http://www.dreamscape.com/dave2/daves.htm>

SERVICES: Reproduction Philco cathedral cabinets and cabinet parts for Models 20, 21, 70 and 90; also Simplex Models R and P grandfather clock finials; Philco 570, GE H-91, Crosley 124. Philco colonial clock top trim and finials. Philco gang tube shields 20, 21, 24, 51, 52, 70, 90, 551. AK cabinet trim 80, 82, 84, 90, 92. Other parts per sample. Dick Oliver, 1725 Juniper Pl., #310, Goshen, IN 46526. (574) 537-3747. E-mail: dolivears@aol.com

— WANTED —

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

SERVICES: Antique Radio of Iowa, longtime experienced collector, will repair your tube radios, 30s thru 50s (sorry 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, CST. E-mail: dnordboe@aol.com

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

SERVICES: Repair & sales. Walter Raymond, Raymond TV Sales and Service. PO Box 175, 111 Pearl St. Extension, Bainbridge, NY 13733. (607) 967-8684

SERVICES: Can't wait months for a quality antique radio restoration? Then call me. I'll restore your radio promptly and for a reasonable price. I bring 16 years of experience and a passion for perfection to the process. Send me your wretched radios yearning to be fixed! Mike Simos, 100 Commonwealth Ave., Merrick, NY 11566. (516) 223-1470. E-mail: mike_simos@yahoo.com

SERVICES: Rider/Sams schematics, 1920-1970 - \$4 ppd. Send make/model to: Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94551. (925) 447-9365. E-mail: rlerche@comcast.net

SERVICES: Scarborough TV & Hard To Find Parts, N.O.S. tubes, big screen modules & screens, tuners, manuals, ICs & transistors. Andrew Scarborough, 1422 Old River Rd., East Dublin, GA 31027. (478) 272-6561. E-mail: scarboroughstv@pcnow.net

SERVICES: RCA 45, cartridges/idlers/cams. Ed Crockett, Vintage Electronics, 128 Buccaneer Dr., Hattiesburg, MS 39402. (601) 264-4755. Fax (601) 264-0226. E-mail: phonoed@aol.com

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

FOR SALE: Zenith radio Model B509V, table top, wood cabinet, like new, works – \$70 plus shipping. Michael Leopold, 788 Duxbury Ln., Bartlett, IL 60103. (630) 289-8788. E-mail: mlradios@aol.com

FOR SALE: Riders 1 thru 17, (4) How it Works Indexes, 1941 Riders Changer Manual – \$250 plus shipping. Joe Kelly, 2868 Jennifer Dr., Castro Valley, CA 94546. (510) 582-1621

FOR SALE: Hammarlund HQ-129X, 11 tube, 6 band, metal case rcvr, works – \$150 OBO. **WANTED:** Chassis, any condition, Crosley grandfather radio Model #124. T. Romano, 8 Howe Ln., Millbury, MA 01527. (508) 865-6293

FOR SALE: Phono cartridges and needles, early electronic stock certificates, books and novelty items. Lists available. J.J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741. E-mail: Jjpapo@juno.com

FOR SALE: Protect your radio! Soft start your vintage equipment. Models from \$24.99. Tom Siglin, 108 Clark St., Vestal, NY 13850. (607) 785-7085. E-mail: tsiglin@sigtomics.com

FOR SALE: Service literature: Motorola Auto Radio 1945-1969, 5 large binders – \$45; Bendix Auto Radio 1954-1968, some dups, 4 large binders – \$45; Colonial/Sylvania Auto Radio – \$5; Stromberg-Carlson Auto Radio – \$5; Gemsback #1 – \$45; Delco Home Radio 1933-1950 – \$5; Bendix Home Radio 1946-1949 – \$5; Sams Auto Radio 1946-ca. 1975, sorted, copied bound by make, 13 vols. – \$100; Riders vol. 1-23 – best offer over \$350. UPS extra on all items. Richard Foster, 12 Shawmut Ave., Cochituate, MA 01778. (508) 655-2056 days

FOR SALE: Parts, tubes, books, equipment. SASE with 52c postage or email for list. Wayne Letourneau, PO Box 62, Wannaska, MN 56761. E-mail: letourneau@wiktel.com

FOR SALE: Radiola Model 76ZX11, 1948, brown plastic, 6 tube radio, works, good – \$25. Dick Myhre, 5655 Nakat Way, Blaine, WA 98230. (360) 371-5540. E-mail: rjmazbb@juno.com

FOR SALE: Hallicrafters 5-tube, clear lucite. demo model, no cracks, has clock – best offer. Byron Bernor, 33855 McEnery Canyon Rd., Acton, CA 93510. (661) 269-5459

FOR SALE: Crosley show box radio with complete set of tubes, lid missing – \$35 plus postage. Phone or write. Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209-4711. (601) 922-2235

FOR SALE: Atwater Kent Type H horn speaker, all there, working, nice condition – \$125. Dave Crocker, 35 Santuit Pond Rd, #4B, Mashpee, MA 02649. (508) 477-1578 before 9 pm please. E-mail: radio-1@comcast.net

FOR SALE: AMI jukebox amplifiers, Model CC – \$250. Jack A. Freeman, 2512 Sunnycrest Dr., Reidsville, NC 27320. (336) 349-6656

FOR SALE: Military whip antennas, E.H. Scott RBO-2 Navy receiver, needs can capacitor – \$250 Bruce Beckeney, 5472 Timberway Dr., Presque Isle, MI 49777-8373. (989) 595-6483

WANTED: Zenith 801, 825, 829, 834/835/935 to complete my series collection of Zenith 800 models. Dami Sanchez, 902 Orange Dr., Silver Spring, MD 20901. (301) 681-3979. E-mail: radiodome@mindspring.com

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

WANTED: Any Harvey Wells speakers, power supplies, VFO, RG-9A rcvr, accessories, parts units. Kelley, W8GFG, 9010 Marquette St., St. John, IN 46373. (219) 365-4730

WANTED: Harman Kardon Galaxy 150 tube mic mixer amp. Van Zapshala, 1065 Deep Cove Rd., North Vancouver, British Columbia, Canada V7G 1C4. (604) 983-6948. E-mail: vzapshala@telus.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 Butignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Shure M675 Broadcast Production Master. Other 1960s & 1970s radio broadcasting equipment wanted. Kent Verbeck, PO Box 92, Minden, NE 68959-0092

WANTED: General Radio Model 534, grand piano wood, parts: "music stand", "foot pedals", and "top lifting piece". Steve Zikman, PO Box 292581, Los Angeles, CA 90029. (323) 644-9064. E-mail: explore@GOScape.com

WANTED: The round ones. Excellent original working Wilcox-Gay A-17 or Claradyne radios. Joseph DiCaro, 4155 Lastrada Hts., Mississauga, Ontario, Canada L5C 3V1. (905) 848-7759. E-mail: decoradio@primus.ca

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: Electron tubes: Over 1 million tubes in stock. Buy & Sell. Daily Electronics, 10914 N.E. 39th St. #B-6, Vancouver, WA 98682. (800) 346-6667. (360) 896-8856. Fax: (360) 896-5476



WASHINGTON - Jan. 1

RADIO ENTHUSIASTS OF PUGET SOUND
MEETING

Seattle, WA - Queen Anne Library
400 W. Garfield

2 pm

Info: REPS - (206) 488-9518

www.repsonline.org

ARKANSAS - Jan. 6

ANTIQUE RADIO COLLECTORS CLUB OF
FORT SMITH - MEETING

Fort Smith, AR - St. Luke Lutheran Church
Waldron Rd. at Free Ferry

7:30 pm

Info: Paul Tucker - (479) 782-8178

NEW YORK - Jan. 2

GREATER NEW YORK VINTAGE WIRELESS
ASSN. - SWAP MEET - MEETING

Lake Ronkonkoma, NY - 367 Hawkins Ave.

8 am - Noon

Info: Chris Lieppert - (631) 471- 9526

Chris Bacon - (516) 437-7106

OKLAHOMA - Jan. 8

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/>

OHIO - Jan. 4

ANTIQUE RADIO COLLECTORS OF OHIO
MEETING

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogle - (937) 294-8960

karlkrad@genmair.com

ONTARIO - Jan. 8

LONDON VINTAGE RADIO CLUB
MEETING

London, Ont. - 417 Wing, 2155 Crumlin Rd.

12:30 pm

Info: Dave Cantelon - (416) 502-9128

justradios@yahoo.com

OHIO - Jan. 5

OLDE TYME RADIO ENTHUSIASTS
MEETING

Call for time and location

Info: (937) 299-9570

OTRadioE@aol.com

OREGON - Jan. 8

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

ONTARIO - Jan. 5

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

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.*

SUBMISSION DEADLINE: 5TH OF MONTH

TEXAS - Jan. 8

**HOUSTON VINTAGE RADIO ASSOC.
MEETING, PROGRAM & AUCTION**
Houston, TX - American Legion Post 560
3720 Alba Rd.

10 am

Info: Bill Werzner - (713) 721-2242
www.hvra.org

N. CAROLINA - Jan. 11

**EAST CAROLINA ANTIQUE RADIO CLUB
MEETING**
Greenville, NC - Sheppard Memorial Library
Meeting Room A, 530 Evans St.

7 pm

Info: Bill Engstrom - (252) 355-8732
Herman Schnur - (252) 752-2264

COLORADO - Jan. 9

**COLORADO RADIO COLLECTORS
MEETING**

Castle Rock, CO - Philip Miller Library
100 South Wilcox St.

1 pm

Info: David Boyle - (303) 681-3258

OHIO - Jan. 11

**SOCIETY FOR THE PRESERVATION OF
ANTIQUERADIO KNOWLEDGE - MEETING**
Kettering, OH - Banquet Room at Cassano's
Pizza House, 1700 E. Stroop Rd.

7:30 pm

Info: John Pansing - (937) 299-0210
sparkinc@juno.com
www.antiqueradios.com/spark

NEW MEXICO - Jan. 9

**NEW MEXICO RADIO COLLECTORS CLUB
MEET**

Albuquerque, NM - Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)

1:30 pm: Tailgate Swap Meet

2 pm: Program, Show & Tell and Auction

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

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

PENNSYLVANIA - Jan. 11

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

Telford, PA - Telford Community Bldg.
Hamilton & Hamlin

7:30 pm

Info: Delaware Valley Historical Radio Club
PO Box 5053, New Britain, PA 18901
www.dvhrc.org

GEORGIA - Jan. 10

**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

ARKANSAS - Jan. 13

**ARKANSAS ANTIQUE RADIO CLUB
MEETING**

Call for location and directions

7 pm

Info: Tom Burges - (501) 455-0773

MISSOURI - Jan. 11

**ANTIQUERADIO COLL. & HIST. OF
GREATER ST. LOUIS - MEETING**

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

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

Info: Ron Durbin - (636) 677-8883
ronboysradios@aol.com

NEW JERSEY - Jan. 14

**NEW JERSEY ANTIQUE RADIO CLUB
MEETING**

Call for location and directions

7:30 pm

Info: Marv Beeferman - (609) 693-9430
Phil Vourtsis - (732) 446-2427 - www.njarc.org

DOES YOUR CLUB HAVE A

Web Site?

SEND IT TO: ARC@ANTIQUERADIO.COM

TEXAS - Jan. 15

**VINTAGE RADIO & PHONOGRAPH SOC.
MEETING**

Irving, TX - Senter East Building

Swap Meet: 1 pm - Meeting: 2 pm

Info: VRPS, PO Box 165345, Irving, TX 75016
vrps@sbcglobal.net - www.vrps.org

MARK YOUR CALENDAR

Jan. 1 - WA, Seattle - REPS Meeting
Jan. 2 - NY, Lake Ronkonkoma - GNYVWA Swap
Jan. 4 - OH, Dayton - ARCO Meeting
Jan. 5 - OH, Dayton - OTRE Meeting
Jan. 5 - Ontario, Ottawa - OVRC Meeting
Jan. 6 - AR, Fort Smith - ARCC Meeting
Jan. 8 - OK, Oklahoma City - OKVRC Meeting
Jan. 8 - Ontario, London - LVRC Meeting
Jan. 8 - OR, Oregon City - NWVRS Meeting
Jan. 8 - TX, Houston - HVRA Meeting
Jan. 9 - CO, Castle Rock - CRC Meeting
Jan. 9 - NM, Albuquerque - NMRCC Meet
Jan. 10 - GA, Norcross - SARS Meeting
Jan. 11 - MO, Kirkwood - ARCH Meeting
Jan. 11 - NC, Greenville - ECARC Meeting
Jan. 11 - OH, Kettering - SPARK Meeting
Jan. 11 - PA, Telford - DVHRC Meeting
Jan. 13 - AR, "Call" - AARC Meeting
Jan. 14 - NJ, "Call" - NJARC Meeting
Jan. 15 - TX, Irving - VRPS Meeting
Jan. 15 - TX, Kyle - TARC Meeting
Jan. 16 - MD, Burtonsville - MAARC Meeting
Jan. 16 - TN, Memphis - MARC Meeting
Jan. 16 - WA, Seattle - PSARA Meeting
Jan. 17 - FL, Jacksonville - JARS Meeting
Jan. 18 - CA, Roseville - CHR5-Sac Meeting
Jan. 19 - OH, Cincinnati - CARS Meeting
Jan. 19 - OH, Columbus - COARA Meeting
Jan. 20 - OK, Tulsa - OKVRC-GCC Meeting
Jan. 21 - NY, Highland Falls - HARPS Meeting
Jan. 22 - NH, Nashua - NEARC Swapmeet & Show
Jan. 22 - OH, Burbank - Estes Auctions
Jan. 23 - NY, Schenectady - SARC Meeting
Jan. 24 - AL, Birmingham - AHRS Meeting
Jan. 25 - OH, Kettering - SPARK Meeting
Jan. 29 - OH, Columbus - COARA Swap Meet
Jan. 29 - SC, Columbia - CC-AWA Swap Meet
Jan. 30 - BC, Burnaby - CVRS Meeting
Jan. 30 - WI, Hubertus - WARC Swap Meet
Feb. 1 - OH, Dayton - ARCO Meeting
Feb. 3 - AR, Fort Smith - ARCC Meeting
Feb. 4-5 - TX, Houston - HVRA Convention
Feb. 5 - CA, Berkeley - CHR5 Swap & Auction
Feb. 5 - WA, Seattle - REPS Meeting
Feb. 6 - NY, Lake Ronkonkoma - GNYVWA Swap
Feb. 8 - MO, Kirkwood - ARCH Meeting
Feb. 8 - PA, Telford - DVHRC Meeting
Feb. 8 - NC, Greenville - ECARC Meeting
Feb. 10 - AR, "Call" - AARC Meeting
Feb. 11 - NJ, "Call" - NJARC Meeting
Feb. 12 - IN, Beech Grove - IHRS Swap Meet
Feb. 12 - OK, Oklahoma City - OKVRC Meeting
Feb. 12 - OR, Oregon City - NWVRS Meeting
Feb. 13 - NM, Albuquerque - NMRCC Meet
Feb. 13 - TX, Schertz - TARC Meeting
Feb. 14 - GA, Norcross - SARS Meeting
Feb. 17 - OK, Tulsa - OKVRC-GCC Meeting
Feb. 19 - CA, Van Nuys - SCARS Auction
Feb. 19 - OH, Burbank - Estes Auction
Feb. 19 - TX, Irving - VRPS Meeting
Feb. 20 - MA, Westford - GBARC Radio XXXVI
Feb. 20 - TN, Memphis - MARC Meeting
Feb. 20 - WA, Seattle - PSARA Meeting
Feb. 21 - FL, Jacksonville - JARS Meeting

MARK YOUR CALENDAR

(Continued from bottom left column)

Feb. 26 - GA, Cumming - SARS Mega Meet
Mar. 5 - CA, Oceanside - Estes Auction
Mar. 24-26 - NC, Charlotte - CC-AWA Conference
Apr. 23 - NH, Nashua - NEARC Swapmeet & Show
May 20-21 - MN, Plymouth - NARC Radio Daze
Jul. 16 - NH, Nashua - NEARC Swapmeet & Show
Aug. 23-27 - NY, Rochester - AWA Convention

See expanded listing for many of these events

CLUB RE-ORGANIZING

S. FLORIDA ANTIQUE RADIO COLL.
are re-organizing for 2005
Any previous members and all potential
new members should contact:
Tom Valenti - (305) 373-7372
E-mail: Valenti9@bellsouth.net

TEXAS - Jan. 15

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

MARYLAND - Jan. 16

MID-ATLANTIC ANTIQUE RADIO CLUB
MEETING - SWAP - AUCTION

Burtonsville, MD - Seventh Day Adventist
Church, 15121 McKnew Rd.

Tailgate: Noon - Meeting: 2 pm
Info: Geoff Shearer - (703) 818-2686
www.maarc.org

Submission Deadline for

Feb. issue is Jan. 5

Mar. issue is Feb. 5

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.

TENNESSEE - Jan. 16

MEMPHIS ANTIQUE RADIO CLUB MEETING

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

2 pm

Info: Ray Eaton - (901) 989-7089 reaton@fhu.edu
marc_memphisantiqueradclub@hotmail.com

OKLAHOMA - Jan. 20

OKVRC GREEN COUNTRY CHAPTER MEETING

See Website for meeting location

7 pm

Info: Curt Lutz - (918) 251-4915
oldeRadios@cs.com
<http://members.cox.net/okvrc>

WASHINGTON - Jan. 16

PUGET SOUND ANTIQUE RADIO ASSN. MEETING

Seattle, WA - Shoreline Museum

749 N. 175th & Linden Ave.

10 am - 12 pm Tailgate Swap

12 pm - Meeting, Program, Show & Tell

Info: Pete Petersen - (425) 747-1323

NEW YORK - Jan. 21

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

FLORIDA - Jan. 17

JACKSONVILLE ANTIQUE RADIO SOCIETY MEETING

Jacksonville, FL - Countryside Village Mobile Home Park Clubhouse, 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332
<http://community-2.webtv.net/jarsclub/>
JACKSONVILLE ANTIQUE

NEW HAMPSHIRE - Jan. 22

NEW ENGLAND ANTIQUE RADIO CLUB VINTAGE RADIO SHOW & SALE

Nashua NH - St. Stanislaus Hall

Rt. 3 (Everett Turnpike), Exit 6

East on Rt. 130/Broad St. to Blue Hill Ave.

7 am - 12 Noon

Info: Marty Bunis - (603) 938-5051
m_bunis@conknet.com - www.nearc.net

CALIFORNIA - Jan. 18

CALIFORNIA HISTORICAL RADIO SOC. SACRAMENTO CHAPTER - MEETING

Roseville, CA - 3017 Douglas Blvd. Suite 300

7 pm

Info: Scott Biasotti - (916) 774-7170
www.californiahistoricalradio.com

OHIO - Jan. 22

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

OHIO - Jan. 19

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Cincinnati, OH - Brecon United Methodist Church, 7388 E. Kemper Rd.

7:30 pm

Info: Tina Haucke - (513) 247-9406

NEW YORK - Jan. 23

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/>

OHIO - Jan. 19

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>

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

ALABAMA - Jan. 24

**ALABAMA HISTORICAL SOCIETY
MEETING**
Birmingham, AL - Alabama Power Building
Parkway East
7 pm
Info: Ron Westbrook - (205) 833-8035
www.ahrs.org

WISCONSIN - Jan. 30

**WISCONSIN ANTIQUE RADIO CLUB
SWAP MEET**
Hubertus, WI - Richfield Chalet
1271 Hwy. 175
8 - 11 am
Info: Bill Engaas - (262) 786-8183
engaas@milwpc.com

OHIO - Jan. 25

**SOC. FOR THE PRESERVATION OF ANTIQUE
RADIO KNOWLEDGE - MEETING**
Kettering, OH - Banquet room at Cassano's
Pizza, 1700 E. Stroop Rd.
7:30 pm
Info: John Pansing - (937) 299-0210
sparkinc@juno.com
www.antiqueradios.com/spark

OHIO - Feb. 1

**ANTIQUE RADIO COLLECTORS OF OHIO
MEETING**
Dayton, OH - 2929 Hazelwood Ave.
7 pm
Info: Karl Koogle - (937) 294-8960 -
karlkrad@gemair.com

OHIO - Jan. 29

**CENTRAL OHIO ANTIQUE RADIO ASSN.
SWAP MEET**
Columbus, OH - Northeast Career Center
3871 Stelzer Rd.
I-270, Exit 33 Easton Way to Stelzer Rd.
Dealers: 7 am - Public: 8 am - 12 Noon
Info: Chuck Davis - (614) 792-6237
Dave Poland - (614) 890-5422
[http://members.tripod.com/~COARA/
index.html](http://members.tripod.com/~COARA/index.html)

ARKANSAS - Feb. 3

**ANTIQUE RADIO COLLECTORS CLUB
OF FORT SMITH - MEETING**
Fort Smith, AR - St. Luke Lutheran Church
Waldron Road, at Free Ferry
7:30 pm
Info: Paul Tucker - (479) 782-8178

TEXAS - Feb. 4-5

**HOUSTON VINTAGE RADIO ASSOC.
ANNUAL CONVENTION**
Houston, TX - Greenspoint Marriot Hotel
255 N. Sam Houston Parkway E
Convention, Contest, 3 Auctions
Banquet & Swap Meet
Info: Bill Werzner - (713) 721-2242
www.hvra.org

S. CAROLINA - Jan. 29

**CAROLINAS CHAPTER / AWA
WINTER SWAP MEET**
Columbia, SC - Caughman Road Park
7 am
Info: Ron Lawrence - (704) 289-1166
www.cc-awa.org

CALIFORNIA - Feb. 5

**CALIFORNIA HISTORICAL RADIO SOC.
GENERAL MEMBERSHIP MEETING &
SWAP MEET/AUCTION**
Berkeley, CA - CHRS/KRE Building
601 Ashby Ave.
8 am
Info: CHRS Hotline - (415) 821-9800
www.californiahistoricalradio.com

BRITISH COLUMBIA - Jan. 30

**CANADIAN VINTAGE RADIO SOCIETY
MEETING**
Burnaby, BC - BCIT SW9 Bldg.
2 pm
Info: Fred Tutt - (604) 275-2033
www.canadianvintageradio.com

WASHINGTON - Feb. 5

**RADIO ENTHUSIASTS OF PUGET SOUND
MEETING**
Seattle, WA - Queen Anne Library
400 W. Garfield
2 pm
Info: REPS (206) 488-9518 - www.repsonline.org

*Attend a radio event near you,
learn, meet others in the hobby,
and perhaps find an item or two
for your collection!*

NEW YORK - Feb. 6

**GREATER NEW YORK VINTAGE WIRELESS
ASSN. - SWAP MEET - MEETING**

Lake Ronkonkoma, NY - 367 Hawkins Ave.

8 am - Noon

Info: Chris Lieppert - (631) 471-9526

Chris Bacon - (516) 437-7106

MISSOURI - Feb. 8

**ANTIQUÉ RADIO COLL. & HIST. SOCIETY
OF GREATER ST. LOUIS
MEETING**

Kirkwood, MO - Kirkwood Community Center
111 S. Geyer Rd. Room 201-A

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

Info: Ron Durbin - (636) 677-8883 -

ronboysradios@aol.com

PENNSYLVANIA - Feb. 8

**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

N. CAROLINA - Feb. 8

**EAST CAROLINA ANTIQUÉ RADIO CLUB
MEETING**

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

7 pm

Info: Bill Engstrom - (252) 355-8732

Herman Schnur - (252) 752-2264

ARKANSAS - Feb. 10

**ARKANSAS ANTIQUÉ RADIO CLUB
MEETING**

Call for Location and Directions

7 pm

Info: Tom Burgess - (501) 455-0773

NEW JERSEY - Feb. 11

**NEW JERSEY ANTIQUÉ RADIO CLUB
MEETING**

Call for location & directions

7:30 pm

Info: Marv Beeferman - (609) 693-9430

Phil Vourtsis - (732) 446-2427

INDIANA - Feb. 12

**INDIANA HISTORICAL RADIO SOCIETY
SWAP MEET - NEW LOCATION**

Beech Grove, IN - Hornet Park Comm.
Center - I-495 S, Exit 52, N on Emerson,
3 Blocks to Hornet

7 am - 12 Noon

Info: Fred Prohl - (812) 988-1761

Dr. Ed Taylor - (317) 638-1641

www.indianahistoricalradio.org

OREGON - Feb. 12

**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

OKLAHOMA - Feb. 12

**OKLA. VINTAGE RADIO COLLECTORS
MEETING**

Oklahoma City, OK - Home:own 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/>

NEW MEXICO - Feb. 13

**NEW MEXICO RADIO COLLECTORS CLUB
MEET**

Albuquerque, NM - Anra 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

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

TEXAS - Feb. 13

**TEXAS ANTIQUÉ 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

Always Updating Club List

Please send A.R.C. the name, address, etc.
of your club's contact person.

GEORGIA - Feb. 14

**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

OKLAHOMA - Feb. 17

**OKVRC GREEN COUNTRY CHAPTER
MEETING**

See Website for meeting location

7 pm

Info: Carl Lutz - (918) 251-4915
oldeRadios@cs.com
<http://members.cox.net/okvrc>

CALIFORNIA - Feb. 19

**SOUTHERN CALIFORNIA ANTIQUE RADIO
SOCIETY - AUCTION**

Van Nuys, CA - Andrews Lutheran Church
15520 Sherman Way

Preview: 9 am - Auction: 9:45

Info: Mary Curry - (619) 461-9327
Chuck Strozier - ccstrozier@linkline.com

OHIO - Feb. 19

**ESTES AUCTIONS
RADIO AUCTION**

Burbank, OH - Expo Auction Center
8157 Garman Rd (Exit 204 off I-71)

10 am

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

TEXAS - Feb. 19

**VINTAGE RADIO & PHONOGRAPH SOC.
MEETING**

Irving, TX - Senter East Building

Swap Meet: 1 pm - Meeting: 2 pm

Info: George Potter - (972) 353-4862
vrps@sbcglobal.net - www.vrps.org

SUBMISSION DEADLINE

5th OF MONTH FOR FOLLOWING MONTH'S ISSUE
Please include date, time, place, directions,
event details & information/contact person.

MASSACHUSETTS - Feb. 20

**GREATER BOSTON ANTIQUE RADIO
COLLECTORS - RADIO XXXVI**

Westford, MA - Westford Regency Inn
I-495, Exit 32, West on Rt. 110 for .4 mi.

8 am - 12 pm

For Hotel reservations: 800-543-7801

Mention Radio XXXVI

Info: A.R.C. - (866) 371-0512
arc@antiqueradio.com

TENNESSEE - Feb. 20

**MEMPHIS ANTIQUE RADIO CLUB
MEETING**

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

2 pm

Info: Ray Eaton - (901) 989-7089
marc_memphisantiqueradioclub@hotmail.com

WASHINGTON - Feb. 20

**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>

FLORIDA - Feb. 21

**JACKSONVILLE ANTIQUE RADIO SOC.
MEETING**

Jacksonville, FL - Countryside Village Mobile
Home Park Clubhouse - 10960 Beach Blvd.

7:30 pm

Info: Sean Olin - (904) 386-8332
<http://community-2.webtv/jarsclub/>
JACKSONVILLE ANTIQUE

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arc@antiqueradio.com or fax: (978) 371-7129
Or mail to: PO Box 2, Carlisle, MA 01741

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

GEORGIA - Feb. 26

SOUTHEASTERN ANTIQUE RADIO SOC.
WINTER INDOOR MEGA MEET

Cumming, GA - Magnolia Antique Mall
Exit 14, GA 400

8 am - 12:30 pm

Info: Bob Niven - (678) 227-2283
www.sarsradio.com

N. CAROLINA - Mar. 24-26

CAROLINAS CHAPTER AWA
29TH ANNUAL CONFERENCE

Charlotte, NC - Sheraton Charlotte Airport
Hotel, I-85 at Exit 33, Billy Graham Pkwy

See Schedule on Website

Info: Ron Lawrence - (704) 289-1166
www.cc-awa.org

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.*

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

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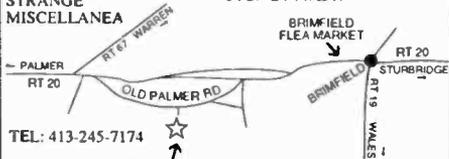
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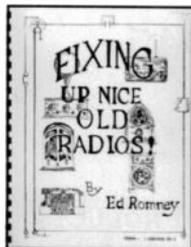


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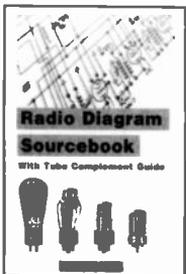
Fixing Up Nice Old Radios, Romney. Written by a retired radio instructor, this book covers Ohm's law, through battery sets, superhets and communications receivers. 300+ figures. 185 pgs. — \$35.00



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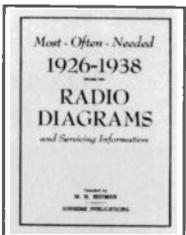
Antique Radio Restoration Guide, 2nd Ed., Johnson. Beginner's introduction to troubleshooting and repairing AC table model radios. 1992. 145 pgs.— \$14.95



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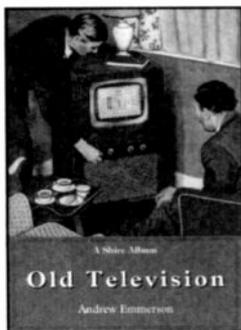
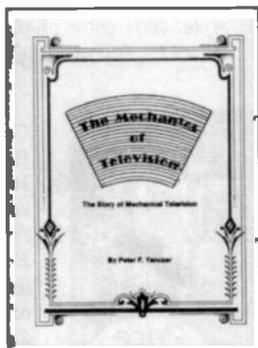
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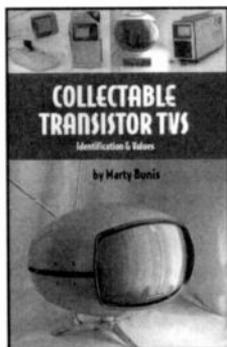
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Price Guide



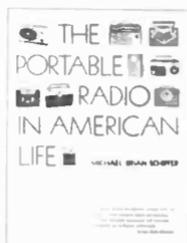
Price Guide

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*

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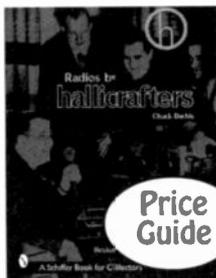


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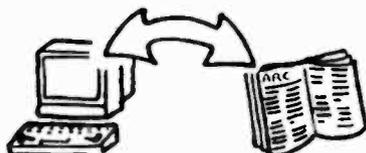
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