



ANTIQUE RADIO CLASSIFIED



VOLUME 25

JANUARY 2008

NUMBER 1



Crosley "Dashboard" Radios at Radiofest 2007

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 EMERSON AU 190 & BT 245 YELLOW \$1,300.00, GREEN \$2,500.00
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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
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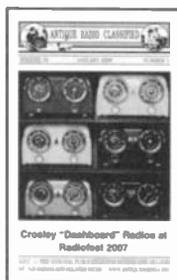
ANTIQUE RADIO CLASSIFIED

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EDITOR'S COMMENTS

As the saying goes, "Variety is the spice of life." Well, how better to start a New Year than with a celebration of the tremendous variety in radio collecting. One way to do that is to take a look at what is offered at an outstanding meet like ARCI's Radiofest. It makes you realize that there is plenty of spice in a radio collector's life.

Daniel Schoo's report and photos attest to the wide-ranging collector interests on display especially at a flea market. Dan's meet photos run the gamut of decades of radio history from a 1920s Magnavox hom speaker, to 1930s-1940s Art Deco wooden cathedrals, to later TVs, pocket transistors, and Ham equipment. A flea market touches on just about everyone's interest.

In addition to a flea market, a major meet has other standard ingredients in its offerings: an auction, a banquet, and a contest. But each meet also has its own character. Radiofest, for example, offers free admission to the flea market, an appraisal tent open to the general public, a Ham radio station that operates throughout the meet, and a Boy Scout merit badge program, capturing the interest of a possible next generation of collectors. The boys can actually earn their badges at the meet. All of these special offerings add up to variety with a capital "V" and make Radiofest one of the major shows in the U. S.

Sometimes we're also struck by the infinite variety in radio history. Dave Crocker diverged from his usual pursuit of Crosley history when he came across the story of a 1919 Navy contract for four airplanes intended for World War I use. However, the war ended before the planes could be put into action; instead, they were entered into a trans-Atlantic crossing contest. Only one finished, and Dave credits the radio operator for the success. You'll be interested in the photo of the plane's equipment and an identifying schematic.

Good photos always tell even a small story well. Ian Sanders picked up on the Heathkit IT-28 capacitor

NEW IN 2008 FOR A.R.C.

Rates. Our subscription rates have been the same since 1999 and during that time, mailing, production, and other costs have continued to increase. We are finally forced to respond with a rate increase. On January 1, 2008, U.S. subscriptions by Periodical Mail will be \$45.00; by First Class Mail, \$60.00.

The "good" news is that current subscribers may renew now at the old rates. So, renew now and save.

Foreign rates by air mail will remain the same, but unfortunately, international periodical surface mail is no longer offered by the postal service.

Web Site. Changes are being made on our web site also. To reduce the exposure of our subscribers to scams, we no longer make ads available to nonsubscribers. And, we have improvements to our marketplace in the planning stages and hope to add a past auction price search capability soon.

checker in the October "Photo Review" and sent in photos of his three similar sets. Manufacturers created variety in products with color, in this case, light or dark front panels.

Color obviously gives variety to a collection. The turquoise plastic case of an Emerson transistor portable caught Bob Enemark's eye, and with a little repair, it made a bright addition to his collection.

Claude Chafin's good photo of a Viscount 1660 multiband portable radio with a description of his repair job is an example of how a short article can often fill our bill. Articles need not be pages long to impart valuable information.

Some of us, of course, don't necessarily require variety in our collections. Roland Jennings championed the Thompson "Minuet" Neutrodyne in a 1997 A.R.C. article and still looks for ways to make repair of these sets easier. In a follow-up, he suggests a Chidester prefab cone for use by the next generation of restorers.

And some of us, despite the invasion of modern technology into our lives, hang on to the old as long as possible. Chris Jones describes his exhaustive effort to mix the old and the new when he was forced to replace his 27-year old TV. Somehow the audio in his modern replacement didn't suit, and he put together a vintage sound system to meet his standards. Now we know that no matter what new gadget appears, vintage equipment collectors will carry on.

Speaking of standards, we all have our own, and for Howard Stone, they involve excellence in research. That's what he found in Eric Wenaas's book *Radiala: The Golden Age of RCA*, and that's what compelled him to write an unsolicited review. For Howard, the book is a model for how to go about researching and writing a book on "this earth-shaking invention." We appreciate Howard's addition to the praise the book has already received.

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Coming Radio Events. The new year begins with a list of 5 meets, 29 meetings, and 2 auctions. Be sure to venture out of your winter workshops to attend at least one of these events.

Happy Collecting and Happy New Year to all!

John V. Terrey, Editor

ON THE COVER

Our colorful cover photo taken by Daniel Schoo at Radiofest pictures six of nine plastic Crosley "Dashboard" radios. The nine were offered as a set in an antique mahogany bookcase for \$3,600 by Harrison Smith at the flea market. They illustrate that variety is certainly the theme of a great meet.

MEET AND AUCTION REPORT

Antique Radio Club of Illinois Radiofest XXVI August 2-4, 2007

REPORTED BY DANIEL SCHOO

The Antique Radio Club of Illinois (ARCI) 26th annual Radiofest was hosted by the Willowbrook Holiday Inn Conference Center in Willowbrook, Illinois. The hotel is easily accessible at its suburban location about 25 miles southwest of Chicago's O'Hare airport. It is on Illinois Route 83, Kingery Highway, just a short distance north of Interstate 55.

The Willowbrook Holiday Inn was an improvement in location this year with its much more comfortable environment. The weather, always a concern for outdoor events, was beautiful with warm sunny days for the entire duration. The tree-lined parking lot with a landscaped island, grassy areas, and angled borders provided an atmosphere more like a friendly company picnic. In addition a beautiful outdoor pool surrounded by a nicely landscaped courtyard with trees and flowers made the event more enjoyable.

On Thursday, August 2, preregistration began at 4 P.M. This year the main auction was scheduled for 6:30 P.M. Thursday evening outdoors in the hospitality tent, and it continued for more than two hours. Former ARCI president Harry Blesy was the auctioneer.



Alison Gallensky is obviously "into" transistor radios.

The auction attracted 122 bidders on 110 lots for a total of \$11,280 in gross sales making it one of the most successful in several years. The top selling item was a rare model Philco Predicta television closing at \$1,200. After the auction, the club supplied free pizza for attendees at the opening party, and everyone had a great time.



There were lots and lots...

Donna and I arrived early Friday morning about 6:20 A.M. to find a flurry of flea market activity. A sellout of 215 seller spaces was up significantly from 202 at the previous location last year. Registration opened at 7 A.M., and as always, the general public was welcome to come in for flea market shopping at no charge. This year I saw a wonderful selection of collectible radios, everything from Zenith "Walton" sets, Fada bullets, chrome chassis Scotts, and even a Zenith Stratosphere for sale. There was no shortage of the more affordable sets either.

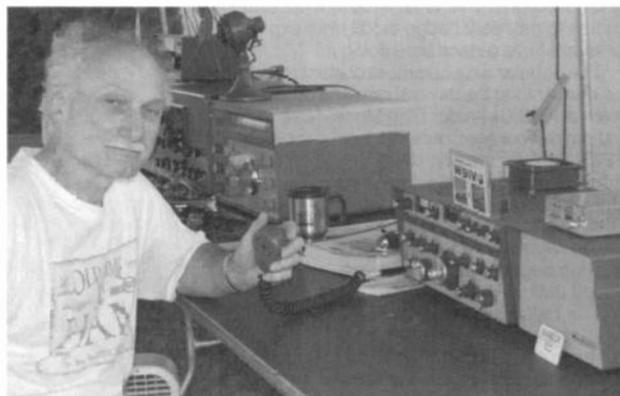
The ARCI hospitality tent supplied tables and a shady place to sit down. Our favorite hostess Janet "cookie lady" LaVelle hosted the hospitality tent again this year with cold drinks, chips, cookies and other goodies, all for a free-will donation. The Holiday Inn also had its own tent with coffee and an assortment of sweet rolls for breakfast and the typical outdoor cookout style food for lunch at an attractive price.

Jim Novak, WA9FIH, coordinated the special event Amateur Radio station KC9IEQ. Ed Schumacher, WA9GQK, and Chris Farley, KC9IEQ, provided equipment, and along with Dale Svetanoff, WA9ENA, took turns in the shack. They made 62 contacts on 75, 40, 20 and 2 meters during the event. This was about double the number of contacts made last year. The club owes a special thanks to the Amateur operators who worked so hard.

George Wilder provided his
(Continued on following page)



Wood and plastic radios at Bill Thompson's table.



Ed Schumacher, WA9GQK, operates the special event, vintage horn station for Radiofest.



and lots of radios at Radiofest 2007!



Tom and Tim Moen from Minneapolis appear to be happy buyers with their (L-R) Zenith 6D029 with its unusual inverted V-shaped dial, a Detrola, and a Zenith 6D628.

(Radiofest 2007, continued)

expertise at the radio appraisal tent. The appraisal service is for anyone from the general public who brings in a radio and wants to know its approximate worth. The club also hosted a Boy Scout merit badge program again this year for badges in radio and collections. This is an excellent opportunity for scouts to get merit badge credit from experts in the field and have a good time doing it.

The popular old equipment contest registered 33 entries. Among the several rare and unusual entries were a 1909 Grubler Bing Model 10201 spark coil transmitter/coherer receiver set; a one-of-a-kind, 1935, RCA laboratory, developmental, iconoscope tube; and a 1928 Golden-Leutz Universal Transoceanic Phantom screen grid TRF receiver in restored working condition. Public viewing began at 5 P.M. and continued until 9 P.M.

The regular series of radio-related presentations in the main ballroom attracted between 35 and 45 people and covered several interesting topics. Dr. Alexander Magoun, Executive Director of the David Sarnoff Library in Princeton, New Jersey, outlined the history of RCA's development of all electronic television. He covered the work of the RCA research staff led by Vladimir Zworykin, including the development of the iconoscope camera tube. He also described the David Sarnoff Library and the recent flooding disaster that water-damaged thousands of irreplaceable historical documents. Details may be found at www.davidsarnoff.org. Information on sending contributions to help recover these documents can be found there.

In the next presentation, Bob Dobush discussed the various aspects of tube collecting. Using many samples and original adver-

tising displays, he gave an interesting history of some of the obscure types, the manufacturers who made them, and how they fit into the early radio business. He gave some interesting tips; for example, the use of marine varnish for regluing loose bases. He also recommended tube testers, such as the popular Hickok models for determining whether a particular tube is good.

Peter Yanczer, noted authority on mechanical television, introduced the audience to a history of the people and the work they did in early electromechanical television systems. Before camera tubes and electronic scanning methods were invented, early systems used mechanical scanning techniques with very limited resolution and sensitivity. Intense light and the associated unbearable heat from the lamps were necessary to get the most rudimentary live images.

Yanczer demonstrated two of his home-built televisions, one having 48 lines of resolution, and the other, a 24-line device. Using a digital scan converter, Yanczer fascinated the audience by playing a modern DVD disk on each of the two televisions. Necks craned to see the dim barely recognizable images that the devices produced. Yanczer gave us a rare look into the past with his recreations.

Bret Menassa, an authority on radio restoration



A pair of Emerson Snow White radios offered for \$5,500 at Harrison Smith's table.



An eye-catching lineup at Gino Pickerign's table — three Majestic theme radios: left to right, a Rudolph, a Charlie McCarthy, and a Lone Ranger, offered for \$1,250, \$1,000, and \$1,250 respectively.

and a leading producer of restoration video tutorials, covered a subject near to every collector's heart — the means of restoring aged and damaged radio cabinets.

For the ladies, Janet LaVelle hosted 23 guests for the Ladies Luncheon at noon in the hotel restaurant. Janet provided individual door prizes for everyone. Always the gracious hostess, Janet knows how to throw a good party.

Close to 100 guests attended the banquet this year. The banquet speaker, Rebecca Schreiner, Director of the Western Electric Hawthorne Works Museum at Morton College in Cicero, Illinois, presented a history of the famous Hawthorne Works. She described how it was built, what was done there, and who the workers were. She also told us about the museum and the Western Electric artifacts and products that are showcased there. This is an incredible place for anyone interested in telephone equipment history and development.

The banquet meal and service were a big improvement over last year. Following the dinner, the guests were treated to the West End Jazz Band who played

(Text continued on page 11)



Bob Dobush shared interesting tips at his presentation on identifying and collecting vacuum tubes.



The West End Jazz Band performs for the banquet Friday night.



Harrison Smith offered all four handsome, Sparton blue-mirrored radios for \$1,300. Left to right: the A-09-GL, a 7-sided glass radio (edge visible on left); a 557 "sled"; a 558 "sled"; and a 506 Bluebird.

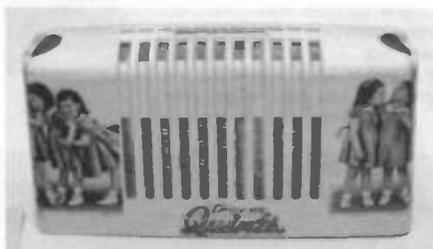
A Gallery of Contest Entries



A Magnavox 1-tube amp with horn speaker.



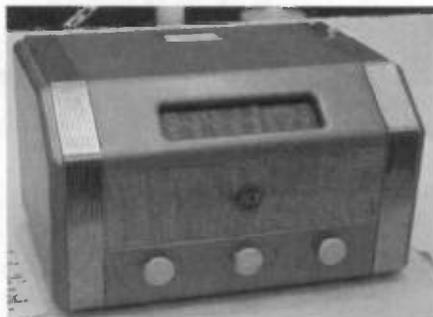
In the contest, a Motorola TV with an old Jackie Gleason episode playing on the screen.



This is an unusual entry — a 1930s Stewart-Warner Dionne Quintuplets radio in an ivory cabinet with decals. Yes, it is "factory"!



Used in isolated lookout towers, this Forest Service 2-way radio, Model SPF, from the 1930s, operated on 3.2 MHz. In a carrying bag with batteries, it weighed 20 pounds.



An RCA coin-operated hotel radio from 1946 to 1950. A 25¢ coin in the slot on the rear right corner of the top of the radio would buy 30 minutes of your favorite songs.

(Radiofest 2007, continued)

a mix of swing dance music and Dixieland. Harry Blesy joined in as a twenties radio announcer in a re-creation of a live radio broadcast of dance music complete with commercials. Yowza-yowza! The evening closed with the special presentation of a Laurel and Hardy silent film accompanied by the band playing jazz selections appropriate to the genre.

Saturday morning the flea market was still quite active. The donation auction was even better than it was last year with a vast assortment of various console and small radios, TV sets, tubes, parts, books, records, tapes, and other mysterious, intriguing things. The club took in a record \$982.

Once again Radiofest was a tremendous success. The beautiful weather, the excellent attendance, the quality of service from the hotel staff, and the vital help of so many volunteers working together made this year's Radiofest one of the best ever. As with every Radiofest, we are always looking for ways to improve, especially when moving to a new location. This year is no exception, and we hope that Radiofest will be even better next year.

e=excellent, vg=very good, g=good, f=fair, p=poor, wk=working, nwk=not working, WT=with tubes, NT=no tubes, PS=power supply, WE=Western Electric. All prices have been rounded down to the dollar. Some low cost items and items in poor condition or nonspecific descriptions are omitted.

American Bosch 402, small table radio, new electrolytics, wk, g	\$225
Amplion AC29 wood speaker, g driver, loose cone, f	75
Amplion Horn speaker, g driver, g	200
Atwater-Kent 47, w/matching speaker, wk	90
Atwater-Kent 84, cabinet only	55
Atwater-Kent 145 tombstone, new filter caps, g	225
Atwater-Kent 627 cathedral	225
Autocall-Howe PRS-3 & fire alarm printer	95
Bogen HiFi tuner, w/speaker & turntable, wk, g	110
Breadboard battery set parts, f	80
Crosley 9-408 TV set, restored, w/documents, vg	120
Dynaco PAT 4 preamp	20
Early light bulb display	60
Emerson Stradivarius	350
Eveready advertising display, oversize battery, cardboard, f	125
Fada advertising clock, wk, g	475
Federal B-20, WT, bad audio transformer, f	65
Fisher 500C, wk well, unrestored, g	250



Peter Yanczer demonstrated two home-built televisions at his presentation on mechanical television.



Auction entries, left to right: an RCA 140 tombstone, in good condition, selling at \$225, a large Eveready battery advertising piece, at \$125; and an Atwater Kent 145 tombstone, at \$225. Perhaps the crutch was a giveaway; if not, no word on its selling price.

General Electric G61, new electrolytics, wk, g ...	60
General Electric J71 7-tube table radio	20
General Motors Little General cathedral	150
Great Eastern Fruit None Rare litho of ship that laid the Atlantic cable, g	25
Hickok 600 tube tester, w/manuals, clean, g ...	225

(Continued on following page)

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.



Fit for any living room, this ornate, globe-shaped Toshiba transistor radio was offered for sale at \$150 by Art Zimmerla. The tuning dial on the top must have been within easy reach of an armchair.

(Radiofest 2007, continued)

Jensen, Super Pro Hi-Fi woofers, pair	10
Kennedy 30 Type 435, WT, w/instruction book .	25
Magnavox Straight horn only for speaker, g	20
Majestic 381 Treasure Chest, as found, nwk	80
Music Master horn speaker, g driver, g	50
Philco 20 cathedral	150
Philco 37-610, large table radio, new electrolytics, wk, g	80
Philco 38-690 console	525
Philco 38-690 console, w/replacement grille cloth	425
Philco 39-116 console, w/remote control	50
Philco 70 cathedral	125
Philco 90 cathedral	195
Philco Predicta "Danish" upright television, rebuilt, wk, vg	1,200
Philco PT61 Pagoda jewel case radio, g	150
Philco Safari portable TV set, battery-operated ..	150
Precision 954 tube tester, wk, g	10
RCA 140 tombstone, g	225
RCA 262 console	25
RCA 630TS TV set	25
RCA Radiola 17, WT	25
RCA Radiola III, wk, WT, vg	160
RCA Radiola RS, wk, WT, w/manual, vg	300
Rider 1-23 complete set, g	175
Scott AW23 PS	650
Sears Twin 12 guitar amplifier, g	70
Signal Corps BC-1003B Military receiver	160
Stewart-Warner Dancing ladies speaker, wk, cord cut	125
Teac A-2300S, wk, but noisy, g	40
Teac A-4010SL open-reel tape recorder	35
Thorola 9-cone speaker, wk, g	60
WE 7A, 1922 audio amplifier, e	400
Westinghouse RADA, not original audio transformer, g	150
Zenith 5S12? tombstone, w/replacement grille cloth	125

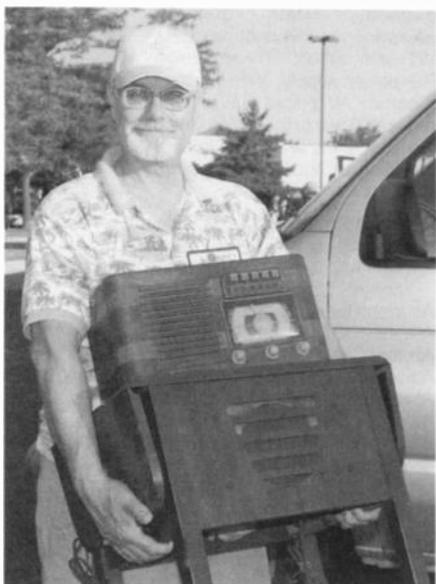


Joseph DiCaro happily took home this unusual Setchell-Carlson radio to add to his collection.

Zenith 10S464 console	175
Zenith 12S-267 console, missing one knob	550
Zenith Television advertising tablecloth, e	25
Zenith Trans-Oceanic	75

(Daniel Schoo, 526 Colonial Drive, DeKalb, IL 60115)

The Antique Radio Club of Illinois, (ARCI) publishes "ARCI Update" periodically and "ARCI Newsletter" monthly. Dues are \$15. Events include the annual August Radiofest and bimonthly swap meets. For more information: clubinfo@antique-radios.org.



Any collector can carry at least two purchases at once. Here is Ron Ziegler with a Zenith 6S627 and a Bendix 646A.

VINTAGE TEST EQUIPMENT

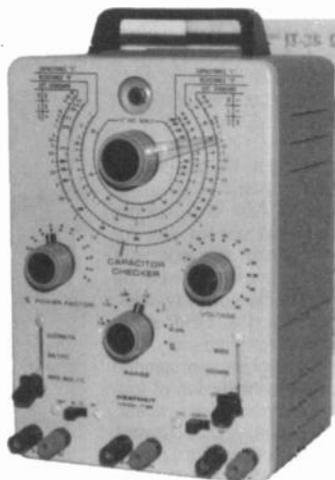
Heathkit Model IT-28 Follow-Up

CONTRIBUTED BY IAN SANDERS

Thanks to Ian Sanders for adding a footnote to Clark Thissell's Heathkit Model IT-28 in the October 2007 "Photo Review." He noticed that he had a similar model but with a dark instead of a light front panel. (Editor)

In the October 2007 issue of A.R.C., page 18, there is a photo of a Heathkit capacitor checker Model 28. I have three Heath capacitor checkers with other model numbers—a Model IT-11 and two Model C-3s. I have used the IT-11 on my test/repair bench for several years, and it has been very reliable and accurate. The C-3 with the dark front panel is from the mid- to late-1950s and the C-3 in the light front panel is from the late 1950s to early 1960s.

(Ian Sanders, 1175 Teresa Ln., Morgan Hill, CA 95037)



Clark Thissell's Heathkit Model IT-28 shown in the October 2007 "Photo Review."



This light front panel version of the Model C-3 kit was offered from the early 1950s to the early 1960s.



The dark front panel Model C-3 kit was the initial version offered from the mid-1950s through the late 1950s.



Ian Sanders's Model IT-11 appears to be the same as Clark Thissell's Model IT-28, except for the dark front panel. It was offered in the 1960s and could possibly be the last capacitor checker offered.

RADIO AND AVIATION HISTORY

Radio and the Historic Flight of the NC-4

BY DAVE CROCKER

Dave Crocker has a knack for unearthing odd bits of radio history. Here he tells of a Navy "flying boat" that made history in 1919 most probably because of a great radio operator. (Editor)

I am sure you are all familiar with the Trans-Atlantic flight of the NC-4 in 1919. No? Well, I'm not surprised. Most people are unaware of this historic event, as it was quickly overshadowed by many "Across the Pond" aviators, including Charles Lindbergh. Here's the background story.

In 1917, Congress appropriated funds for the construction of four huge, multi-engine "flying boats" capable of escorting U.S. convoys to Europe, thus, thwarting German submarine attacks. The contract went to the Curtiss Aeroplane and Motor Co. of Buffalo, New York, and work began on building the biggest sea-going airplanes the world had ever seen. The planes were designated "NC" for "Navy-Curtiss" — NC-1 and NC-2.

Just after construction of the NC-1 and NC-2 had been completed, World War I ended. However, it was then agreed that the NC-3 and NC-4, shown in Figure 1, would be finished, not for war purposes, but to compete in the British *Daily Mail* newspaper prize of 10,000 pounds to the first "aeroplane" to cross the Atlantic Ocean. The Navy decided to go for it, not for the money, but for the prestige.

BASIC DESCRIPTION AND RADIO EQUIPMENT

These 4-engine "flying boats" weighed in at about 28,000 pounds each, loaded. They carried a crew of six: a navigator, two pilots, two engineers and a radio operator.

The basic radio equipment in the NC-4 consisted of an SE 1340 tube-type transmitter, an SE 1310 spark transmitter, an SE 950 receiver, an SE 1605-B receiver/amplifier, an SE 1441A radio compass control panel, a radio compass condenser, and a rotatable direction-finding loop antenna for the radio compass equipment. Ancillary equipment included a change-over switch (transmit/receive), storage batteries, a dynamotor, radio/intercom selector switches, an antenna wire reel for deploying and recovering the trailing wire antenna, plus a key, microphone and headsets. All of this equipment was placed in a cramped radio compartment at the after portion of the flying boat's hull, except for the rotatable loop used with the radio compass and the spark transmitter and a wind-driven



Figure 1. The Navy-Curtiss NC-4 flying boat of 1919.

generator used with the spark transmitter. Figures 2 and 3 show the equipment layout in the radio compartment. As Figure 4 shows, the loop antenna was located aft of the radio compartment. The spark transmitter and its generator were installed outside the hull. The strut-mounted generator is shown in Figure 5.

THE SE 1340 TRANSMITTER

There were two configurations of the SE 1340. The first version used three Type CG-1162 tubes, one as the oscillator and two as modulators. The second version, used in the NC-4, had only two tubes, one as the oscillator and the other as a single tube modulator. The second version was smaller in size and added a provision for CW transmission. Thus, the transmitter installed in the NC-4 could be operated in three modes: CW, voice, or buzzer-modulated code. It operated on wavelengths of 600, 850, 952, 1,600 and 2,200 meters with a power output of 5 watts. Using a trailing wire antenna, its normal operating ranges were 100 nautical miles in the CW mode, 75 miles when buzzer-modulated and 60 miles in voice mode. Operating power was supplied by storage batteries and a battery-operated dynamotor. The 12-volt tube filaments drew 3.5 amperes and the dynamotor supplied 350vdc at 55ma. This transmitter was used for short range communications. One source states that this transmitter was removed before the longest leg of the flight in order to reduce weight.

THE SE 1310 TRANSMITTER

The SE 1310 was the primary transmitter used for long range communications. A 500-watt spark

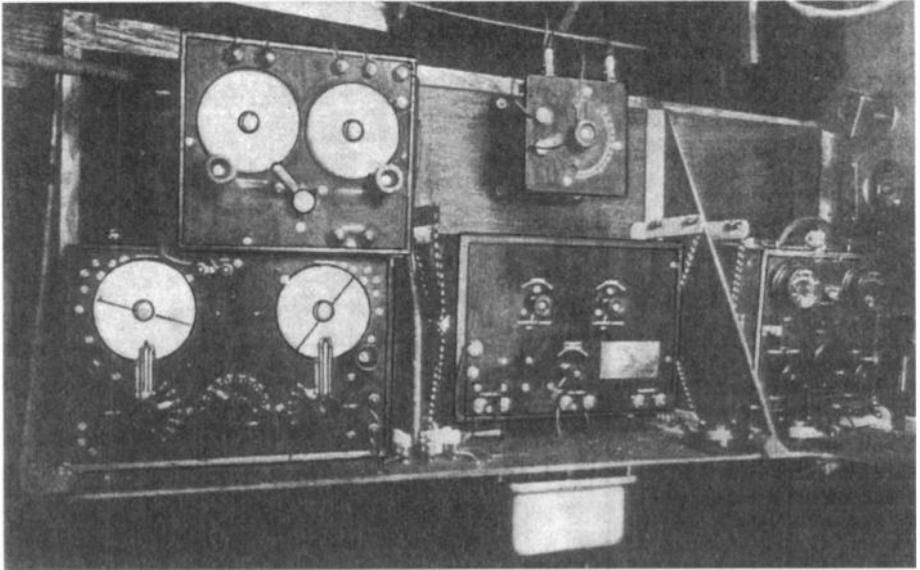


Figure 2. Photograph of the radio equipment aboard the NC-4.

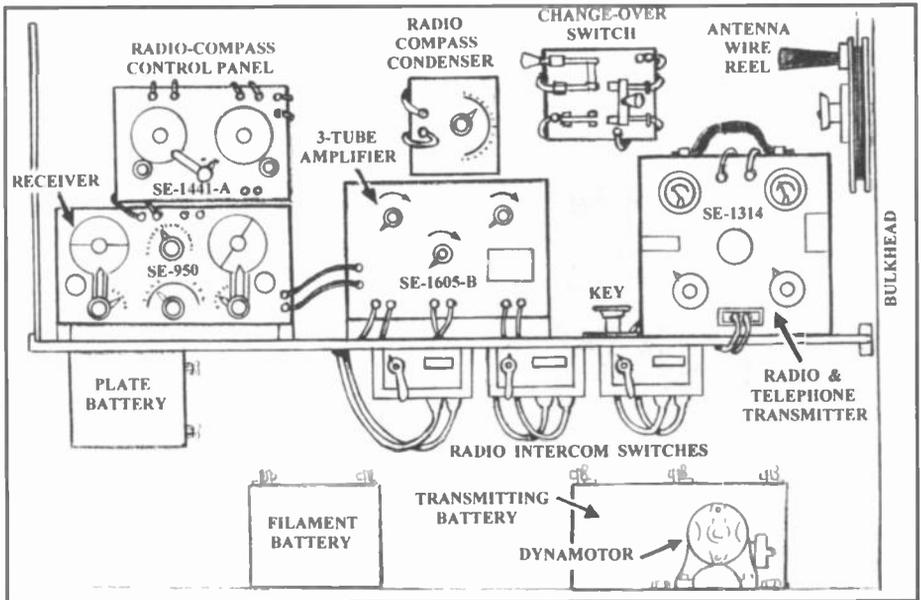


Figure 3. Diagram of the individual radio components and their placement in the radio room of the NC-4.

transmitter, it was installed outside the hull. Also mounted outside the hull was the wind-driven generator that supplied power to the spark transmitter. This transmitter maintained reliable communications with land-based stations over distances as great as 650 nautical miles (about 748 statute miles) and with destroyers up to 520 nautical miles.

THE SE 950 RECEIVER

This receiver was a 3-tube regenerative set with two

stages of audio amplification that tuned from 300 to 2,500 meters. It used Type CW-933 tubes and was powered by A and B batteries. The set was modified for use as a radio compass receiver when used in conjunction with the SE 1441-A compass control panel.

THE SE 1441-A COMPASS CONTROL PANEL

This unit contained a reversing switch and two variable capacitors. The capacitors were used to

(Continued on following page)

(NC-4, continued)

tune the direction-finding loop and an auxiliary coil that was employed when the SE 950 was used in the radio compass system. The reversing switch changed the phasing of the coils in the loop antenna.

THE SE 1605-B AMPLIFIER

Although identified as an amplifier, this set was really a 6-tube radio receiver. It consisted of three RF stages, a detector stage, and two AF stages. It was powered by a set of A and B batteries. The tuning range of the B version was 1,500 to 5,400 meters. This receiver was used for both communications and direction finding.

ANTENNA CHOICES

In addition to the direction-finding loop, a trailing wire antenna was used in flight communications. A wire antenna strung across the top wing's skid fins was used when the aircraft was in the water.

CREW

The captain and navigator chosen for the NC-4 was Lt. Commander Albert C. Read. The radio operator was Herbert Rodd, who was an exceptionally gifted radio technician. Of all the radio operators chosen for the NC boats, Rodd was unique in his passion for radio. This was an important fact that

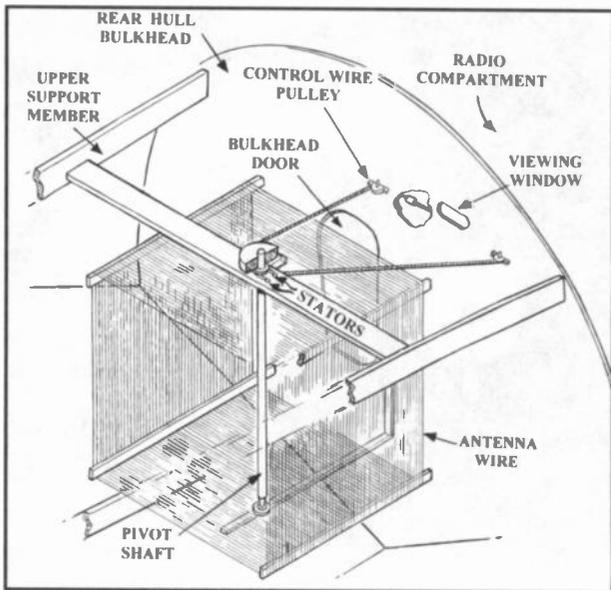


Figure 4. Illustration of the radio compass direction finder loop antenna, which is housed in the rear compartment of the NC-4's hull.

would play a key role throughout the flight.

FIRST FLIGHT

On May 8, 1919, the NC-1, NC-3 and NC-4 took off for Halifax, Nova Scotia, their first leg of the journey to Europe. (The NC-2 never flew, as it was damaged by fire in the hangar, and became a parts plane instead.) While off Cape Cod, the NC-4 had two engine failures and had to leave the formation. After taxiing to the Chatham Naval Air Station, it had serious engine work done. Later the NC-4 or "Nancy Four" rejoined the other two planes in Newfoundland. From there all three set off for the Azores, 1,200 miles away.

The Azores trip was the longest and most dangerous part of the flight. The Navy had placed destroyers every 50 miles as check-off points and radio contacts. However, the NC-1 became totally lost and off course in the fog. Its radio seemed useless, so, deciding to wait out the fog and reorganize, the crew opted to land in the ocean. Big mistake!

The huge sea swells soon carried off one pontoon and the bottom fabric of the tail assembly. Unable to fly, the NC-1 was out of the race. After many hours adrift, it was found by a destroyer which had to sink it, as it had become a hazard to sea navigation.

Like the NC-1, the NC-3 became way off course in the fog and also chose to land. As with the NC-1, the huge waves damaged the plane so badly it was unable to take off again. Unknown to the crew, vibrations had worked the ground wire connection loose, so they could not send any messages. Without power, they let the winds push them backwards for 60 hours to the Azores. A truly remarkable feat. Two down and one to go.



Figure 5. The propeller-driven generator (see arrow) for the transmitter is mounted to the center engine strut.

REASONS FOR SUCCESS

Even the NC-4 drifted off course from time to time, due mostly to an inoperative magnetic compass, and it missed sighting destroyers. But, because of Herbert Rodd's radio compass expertise, it was soon back on course. The NC-4 arrived safely in the Azores, continued on to Portugal and Spain, and then, to the last leg of the trip — Plymouth, England. History had been made on May 31, 1919.

As for the prize money, the U.S. Navy turned it down, since the achievement itself was the goal. The NC-4 was dismantled in England and returned by steamer to the U. S. with its crew.

Most of the NC-4's success was attributed to Commander Read for his navigational skills. Some say that the "Four" was a faster airplane which contributed greatly to the flight. And there are those who attribute it all to luck. But many think that it was Herbert Rodd's expert use of the radio compass for staying on course that made it all happen. I tend to agree with the latter.

Today the NC-4 can be seen in all its glory displayed at the Pensacola Naval Air Museum in Pensacola, Florida. If you go to see it, make sure you take this issue of *A.R.C.* with you and ask to see the

antiquated radio equipment on board. Also notice the cramped quarters Herbert Rodd had to deal with for 23 days and over 4,000 miles. Amazing!

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- Smithsonian Archives Division, Washington, D.C., 1952.
- Steirman, Hy & Glenn D. Kittler. *The First Transatlantic Flight, 1919*. New York: Richardson & Steinman, 1961.
- Westervelt, G.C., H.C. Richardson, & A.C. Read. *The Triumph of the NC's*. Garden City, N.J.: Doubleday, 1920.

(Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, MA 02649)

Dave Crocker, a graphic artist and a semiretired member of the A.R.C. staff, has been collecting radios for over 35 years. Many of those years have been spent researching and collecting radios made by the Crosley Radio Company.

Book Review

Radiola: The Golden Age of RCA

By Eric P. Wenaas

REVIEWED BY HOWARD STONE

In the August 2007 issue of *A.R.C.*, Alan Douglas wrote an incisive review of Eric Wenaas's new book on the early years of RCA. Even before I read that excellent review I knew something about the research that Eric was doing.

I happened to attend a informal dinner gathering at the Rochester AWA meet a couple of years ago. (In fact it was the editor of this journal who invited me.) I had never met Eric Wenaas, and it was my good fortune to sit next to him at the table. We talked about our various radio collecting interests. When I told him of my fascination with pre-1920 wireless, especially Marconi, he described some of the research he was doing for this book. It was obvious then that this was going to be more than a pretty picture book of RCA radios. He was doing serious, substantive historical study.

A good portion of my career has involved research, and so I can sometimes be hard to please when it comes to research design and methodology. *Radiola: The Golden Age of RCA* did not disappoint. I have always been somewhat mystified by the complex early years of RCA, and especially how Westinghouse, GE, and Wireless Specialty worked together to create RCA products. *Radiola* goes into great detail to shed light on the interworkings of what became — with the U.S. government's backing — almost a monopoly. The book answers many of

the questions we collectors and historians have had about the early years of RCA. It even answered some questions I never thought to ask. The documentation is excellent. The photos and scans of radios, labels, and old documents are of high quality and will be useful for radio collectors for years.

This is an unsolicited response to *Radiola*. It was the quality of the research that sheds so much light on RCA and the early years of radio that impelled me to write. Eric Wenaas has done a real service for those who value history and especially the impact of radio technology upon it. For future radio historians and collectors, Wenaas's work will serve as a model for how to go about studying and writing about any historical aspect of this earth-shaking invention.

I really cannot take any major issue with the book. (All right, I could wish for fewer than the few typographical errors, but that would be picky.) This is a really good, solid contribution to the field of the history of radio technology, and I am indebted to the author for giving so much time and effort over the last five years to the writing of *Radiola: The Golden Age of RCA*. As soon as I finished reading it, I ordered a second copy.

Oh, did I mention that I liked the book?

(Howard Stone, 2825 6th Ave., Fort Worth, TX 76110)

WITH THE COLLECTORS

Emerson Model 847 Transistor Portable

BY ROBERT B. ENEMARK

All "early" radios seem to have a special attraction, be they tube or transistor sets. The Emerson portable described in this article uses plug-in transistors and qualifies as "early" in the world of transistor radio collectors. (Editor)

The 1957 Emerson Model 847, shown in Figure 1, really struck me with its smooth, turquoise plastic appearance and very nice condition when I saw it at the Antique Mall in Queechee, Vermont. So, I bought it, of course.

What stood out when I opened the back cover were the two, dead, 9-volt, No. 276, batteries. When I connected up 9 volts to the battery input, very loud motor-boating rattled the speaker. The 80 mF section of the filter capacitor was bad, so I snipped it out and substituted a 200 μ F/25-volt unit. Reconnected, the radio worked nicely and was pretty sensitive.

After that, I installed a Radioshack 8-slot, AA battery holder, jumpering two unused slots to get 9 volts with 6 cells. These modifications are shown in Figure 2. I then easily cleaned and polished the cabinet.

Emerson Radio and Phonograph Corp., located in Jersey City, New Jersey, at that time, took care to use sockets for easy repair in case the transistors went bad. Three RF, NPN transistors for converter and IF stages were used, but strangely, unknown PNP units constituted the driver and push-pull AF amplifiers. All transistors are made by Texas Instruments Corp. and are metal-cased.

The carrying handle on the Model 847 houses Emerson's "Miracle Wand" ferrite loop antenna, which, being fairly large, contributes to the radio's good sensitivity. The schematic is pretty straightforward, and the RF transistors were rated at



Figure 1. The Emerson Model 847 "All Transistors" with its "Miracle Wand" antenna.

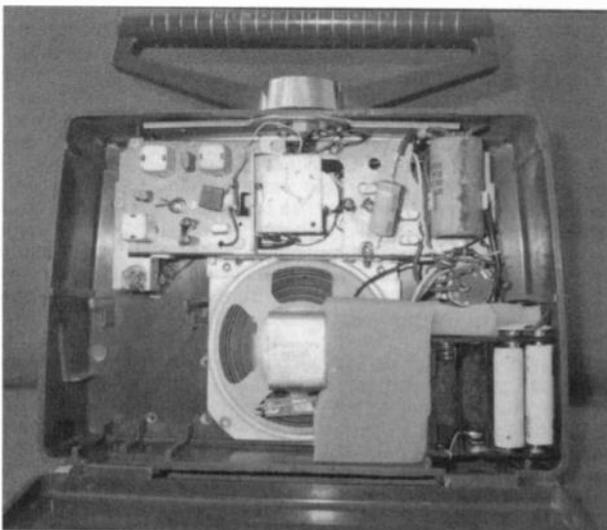


Figure 2. A rear view of the of the Emerson portable with its back cover removed reveals its component layout. The replacement filter capacitor is shown in the upper right corner of the cabinet. The modified battery holder is located at the bottom right.

about 30db gain with a cutoff frequency of 6 MHz. This is a pretty good performance for junction transistors only nine years after point-contact types were invented.

Reference:

Sams Folder, Sheet 5, Set 353, April 1957.

(Robert B. Enemark, W1EC, P.O. Box 1607, Duxbury, MA 02331)

Before retiring in 1980, Robert Enemark, a consulting engineer, specialized in such areas as VLF submarine reception, radar countermeasures, military weapons testing, and industrial instrumentation. He has been awarded more than 50 U.S. and foreign patents. A Ham operator since 1941, he collects pre-World War II shortwave sets and telegraph equipment for which he has set up a museum in Duxbury, Mass.

Sprucing Up the Thompson "Minuet" Neutrodyne

BY ROLAND JENNINGS

In the February 1997 issue of A.R.C., Roland Jennings wrote a very comprehensive article about restoring his Thompson Minuet. The following article shares his discovery of a source of cone speakers that would make the job of restoration easier for fellow collectors. (Editor)

Since my article ten years ago on the Thompson "Minuet," I've become an octogenarian, and so I'm wondering why I've considered writing another article. I suppose the reason is quite obvious — I believe it becomes a duty of sorts to pass on to succeeding generations knowledge gained through diligence, the school of hard knocks, some "been there, done that" situations, and not ruling out a bit of déjà vu.

MY "MINUET"

As Ted Baxter, the pompous TV anchorman in the 1970s MTM sitcom would say when asked about his career, "It all started in a small 5000-watt radio station in Fresno, California. Well, I too began my budding career as BC station engineer in a 5000-watt AM'er, although in a different locale. In 1953, as described in my 1997 article, I discovered this rare Thompson Neutrodyne radio while browsing through a mishmash of household items at a neighborhood estate sale in my hometown.

The set appeared to be in good condition, even the exposed paper cone. The cabinet's exterior surface had been the target of an errant paintbrush and received a generous spattering of grey Kemtone, a water-based interior paint marketed in the 1940s. I was able to remove all vestiges of the paint by meticulously chipping it off a speck at a time.

The tapered, disc-like object in the center of the cone serves as a connector between the apex and the speaker driver, a Crosley Musicone. I suppose this could be compared to a "spider," a device used in the electromagnetic speaker era, whose purpose was to hold the voice coil in an accurately centered position. Early photographs of the Minuet indicate that several different disc designs were incorporated. The one on my set is rather plain, yet functional.

SPRUCING UP THE "MINUET"

Recently, I was in contact with a radio enthusiast and collector from California who was in the midst of restoring his Thompson R-81. This model is similar to my set which has no model number. To complete the project he needed a replacement cone. In lieu of fabricating a cone, as I had done, he opted to look into the possibility of duplicating the ones used on the earlier Minuets.

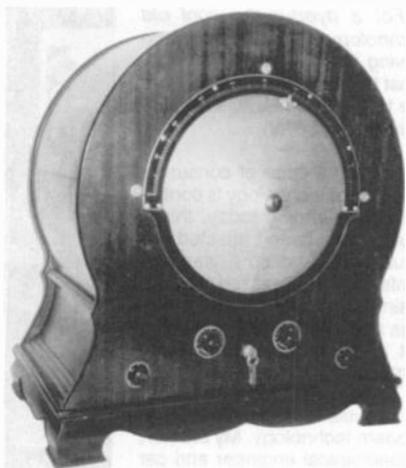


Figure 1. Roland Jennings's Thompson "Minuet."

His efforts were successful. He located Buford Chidester who can reproduce this product complete with a Crosley name emblazoned on the surface of the paper cone. Chidester is well known as the author of the handsome book *Classic Cones* and may be reached at speakerpeople@comcast.net.

This turn of events prompted me to seek a pre-fabricated cone also, which upon installation will give my Model R-81 prototype a new look. Though I do not yet have a prefab cone in hand, the fact that such an upgrade is possible may serve to bring other collectors up to date in the world of Thompson Minuet.

My initial article in 1997 seems to have generated considerable interest from collectors and owners of the R-8 nationwide and appears to be gaining momentum. In fact, there is a movement afoot to establish an R.E. Thompson Radio Owners Organization (RETRO).

(Roland Jennings, 1907 Seneca St., Leavenworth, KS 66048-1621)

Roland Jennings worked for 27 years in various communications jobs for the Department of Defense and for 10 years as a broadcast station engineer. He holds a Radio Telephone First Class license, as well as an Amateur Radio General Class license. His collection includes AC/DC sets and Japanese transistor radios.

RADIO RAMBLINGS

Black Beauty — Sony LCD TV A Retro-Technology Tale

BY CHRIS JONES

For a dyed-in-the-wool old technology aficionado to face having to invest in HDTV is almost traumatic. Chris Jones tells the tale of how he dealt with the challenge. (Editor)

While the pace of consumer electronics technology is continually accelerating today, this, I must admit, hasn't affected our household. And so it was last winter that we realized that our main TV, nearly 27 years old, was perhaps the last remaining set in the county incapable of remote control.

There seems to be some genetic basis for this resistance to modern technology. My brother, a mechanical engineer and car buff, has, as his policy, never to buy a car manufactured in the decade in which he is living. He thrives then on the effort needed to keep these interesting but high-mileage steeds running.

But in our case, last winter, we caved in. The consumer press was indicating that, if one had been holding off buying an HDTV, now was a good time. We were pushed over the edge by the gift of a DVD player for which our trusty vintage set didn't even have an input!

A HORSE OF A DIFFERENT COLOR

We chose an LCD set that was reviewed well for picture quality and ease of use — a 32-inch Sony Bravia KDL-32S2010 digital, color TV. It was also among the better rated for audio quality, although we couldn't evaluate the latter in the shop. Once set up at home, our new, sleek "Black Beauty," shown in Figure 1, did, indeed, display a spectacular picture, and once configured (there are 80+ parameters to fuss with, if you desire, but, sadly, no horizontal and vertical hold), it was easy to use.

But, the audio quality from the set's speakers (1.7" x 6") was lacking, in spite of 10 watts/channel, independent bass and treble control, and a built-in digital signal processing feature to



Figure 1. Cheri Jones poses with the newly arrived Black Beauty TV, while the trusty 27-year-old set on the way out to pasture sulks in the background.

accentuate the sound. There just wasn't much bass content. A quick test with an audio generator — the TV's 30+ inputs and outputs are, I must admit, handy — revealed that below 200-300 Hz things really dropped off, as judged both by ear and by a microphone and cassette-deck VU meter.

IMPROVING THE AUDIO

What to do? There would certainly be none of them newfangled, surround-sound Dolby whatever home theatre systems in this household, and just using a standard external stereo amp and speakers wasn't very interesting. However, it occurred to me that perhaps a common external bass channel was the answer. This isn't a new technique, as a 1960 vintage RCA stereo console we have uses that exact thing. It has tweet-

ers and mid-ranges for each channel and a big honker (15-inch) common woofer in the middle with its own bass-only (below approximately 70 Hz) amp.

Aha — a sub-woofer you say! Well, yes, but given that most of the energy below 300 Hz seemed to be missing, I'm not sure the term "sub" applies. Instead, I lashed together an experiment using a home-brew, solid-state amp I had built in the 1970s, one of two Radioshack speakers I had lying around, and a simple parts-hung-in-the-air, left-plus-right combiner/filter passing below only 300 Hz. Varying this filter ± 100 Hz didn't seem to have noticeable effect. All of this kluge was fed from Black Beauty's line outputs.

The speaker was ultimately placed in the corner behind the TV per one of audio legend Paul Klipsch's "Klipschorn Principles" for hopefully additional bass effect. The only subtle part was getting the phasing of the external audio channel matched to the TV's internal audio for maximum low-end reinforcement.

A few tracks from a Salsa music CD and the music from *Dream Girls* played on the DVD player helped determine the correct speaker lead polarity and validated the overall phasing concept — a big difference in sound quality! Now one might say that, given the nature of our hobby, I should have used recordings of "In the Mood" or "Sing, Sing, Sing," but I didn't have those on CD, and so had to go with what was on hand with a strong bass line.

With my wife now remarking that on some programs the TV sounded as if you were in a movie theatre, the system was obviously working, but what should the final setup be? My home-brew amp didn't have much appeal. Since it was built into an old tube-type Knight Kit amp's wooden case, it would have trouble fitting into the new equipment stack under the TV stand where the DVD player, a VCR, and a cable converter resided so far. And the Radioshack speaker, while serviceable, didn't have much classic or nostalgic appeal either.

THE AMPLIFIER

I thought I remembered that in the 1960s Heathkit made a small, basic, solid-state stereo amp which might be perfect. A little Googling and eBaying revealed that the Model AA-14 was what I had been thinking about. Shown in Figure 2, this 10 watt/channel unit has only the most basic functions and is only three inches high. Just what I needed!

When it was introduced in 1966, along with the related AJ-14 tuner and AR-14 receiver, the AA-14 had a product review rating it highly for low distortion and wide power bandwidth (extending from 10 Hz to over 100 kHz), albeit at its relatively low maximum power output. It sold for \$59.95



Figure 2. The Heathkit AA-14 provided only source, volume, bass, and treble controls. Speaker and power on-off are push-pull activated by bass/treble controls. The panel is side-lit when on.

less case.

The eBay gods must have been smiling on me because very soon an AA-14 came up for bids, followed a few days later by a manual. When the amplifier, reportedly a refugee from a TV repair shop that had closed in the 1980s, arrived with its homemade wooden case, it was in reasonable shape. When powered up, it seemed to work, although it had a relatively high level of hiss on both channels regardless of volume setting. Testing revealed the amp met its hum and noise spec though, so I figured that's the way they were.

Someone had added preamp outputs, perhaps for recording, and I removed these, plugging the rear panel holes. Further work revealed that the headphone output behaved strangely — no output with both channels operating, but output on both sides with any one channel active. It turned out that there was a missing ground wire on the jack.

The most interesting quirk, however, was that the right channel exhibited a parasitic/RF oscillation when approaching full power, and also had considerably higher intermodulation distortion than the left channel. Adding a small bypass capacitor, base to ground, on one of the output transistors eliminated both effects. I then saw that the manual schematic showed a cap there which my circa-1968 unit didn't have. No doubt this was a problem that appeared/worsened in production and was corrected in later units.

Even more interesting, when I located the previously referenced product review in *High Fidelity Magazine*, I found that it mentioned this oscillation also! With the amp now apparently meeting specs, I just listened to it on the bench a little, finally deciding that the hiss just can't be right!

Troubleshooting revealed the culprit was the transistor following each channel's volume control, and replacement with a similar part eliminated the hiss entirely. My assumption is that humidity penetrated the plastic transistors over the years and degraded the parts. With the technical issues

(Continued on following page)

(Black Beauty LCD TV, continued)

resolved, a little cosmetic work followed on the chassis and case, plus some structural improvements on the case, and she was ready to go.

THE SPEAKER

My thought was to keep using the Radioshack speaker and just watch for a more interesting target of opportunity at a yard sale or flea market. This happened sooner than expected when at the Antique Wireless Association's Conference in May 2007, I spotted two bookshelf speakers below one seller's table. These turned out to be KLH Model Thirty-Twos that he was selling for the original owner, a lady friend who had used them in her living room.

The KLH Model Thirty-Two, shown in Figure 3, was introduced in 1971 with full-page ads emphasizing its good sound for low cost — \$95 per pair, and they were sold only in pairs. Made until 1975, this acoustic suspension type (air-tight cabinets) measures only about 19" x 7" x 11". It contains an 8" woofer and a 2" tweeter.

The woofer uses a cloth surround and thus avoids the problem with old speakers with woofers using foam surrounds. These can be found with the foam completely disintegrated and useless. On the other hand, I've seen some published indications that foam-surround woofers may have been used in some KLH models (mine are date-coded 1971).

I haven't seen a contemporary product review on the Model Thirty-Two, but a 1964 review of Acoustic Research's similar-appearing AR-4 noted that, while it certainly wasn't a great speaker, it was definitely a very listenable speaker. A 1996 article on classic speakers also recommended the Model Thirty-Two as providing nice sound for the size.

These two speakers were in tolerable cosmetic shape, and removing the front grilles showed that the woofers, indeed, looked fine. An audio generator bench test proved that the woofers and tweeters were all working, so all the speakers needed was cosmetic touch-up, and they were all set. I briefly tried one on my tube-type Sherwood receiver in place of one of the larger 3-way bass-reflex units I use. I found it had less low end and was significantly less efficient, as expected, but it did seem similar in sound quality to my KLH Model Eight FM receiving system's speaker.

OFF TO THE RACES

With the final amplifier and speakers connected, all that remained was to once again make sure the phasing matched the TV's audio system, since both amp and speakers were now different. So, with my wife donning a slightly skimpy dress



Figure 3. The KLH Model Thirty-Two provided a nice balanced sound in its day. The woofer has an almost homemade look to it. Note the epoxy beads across the woofer cone for stiffening.

and the largest, most dangly earrings in her collection to set the mood, we again tried the Motown-like movie and Salsa CD tracks. We found that the speaker leads had flipped from their prior connections.

The final system, shown in Figure 4, uses both Model Thirty-Twos, one driven from each channel of the Heathkit, with the amp set for mono-operation. The combiner/filter, made of just resistors and a capacitor, is packaged in a small Bud/Hammond box. Fed from Black Beauty's stereo line outputs, the single output from the combiner then drives the amplifier. The AA-14 is powered from the switched AC outlet on the cable converter, and the amp fits perfectly in the equipment stack.

The only quirk in the system, which somehow I didn't realize until late in the game, is that the TV line outputs are varied. They don't vary with the volume control when the TV speakers are active. If you turn the speakers off, however, you then have a choice of whether the outputs are fixed or vary with the volume control. Wouldn't you know it, with over 80 parameters/features to play with, the one I need isn't provided!

This isn't a significant issue it turns out, as the Heathkit's volume is set for the right bass content with a fixed setting of Black Beauty's volume. Then the loudness is usually controlled by the cable converter, which essentially uses the TV as a monitor, so that the balance stays constant. Changing the TV's volume for antenna reception does cause the balance to change, but the improvement is still marked.

Certainly other solutions to our new TV's limited bass output — at least two off-the-shelf and involving less work — were possible, but none as interesting, I think. With the project reaching the finish line, the combination of Black Beauty, the Pacific Rim thoroughbred HDTV, and two solid retro-tech

products from Benton Harbor and Cambridge now provides us with a blue-ribbon entertainment system.

References:

Audio, KLH advertisement, October 1971.

Audio Magazine, "Mr Henry Kloss," interview, 1996, supplied by Andrew Hayden.

Audio, "Acoustic Research AR-4 Speaker System," equipment profile, December 1964, p. 51.

High Fidelity Magazine, "Heathkit AA-14 Amplifier," August 1966, pp. 67-68.

High Fidelity Magazine, Heathkit advertisement, May 1966, p. 11.

Vacuum Tube Valley, Issue 4, "Great Sounds From Vintage Home Hi-Fi Speaker Systems, 1958-1969," Spring/Summer 1996, pp. 28-33.

Vacuum Tube Valley, Issue 13, "Interview with Paul Klipsch," Winter 2000, pp. 4-5, 30.

(Chris Jones, 38 South Ridge Trail, Fairport, New York 14450)

Chris Jones, a recently-retired electrical engineering director, has been interested in old radios since offered an Aeriola Senior about 25 years ago. He tries to limit his acquisitions to those usable in everyday living. Recently, audio equipment and test gear have become a focus of interest.



Figure 4. The new system with the Heathkit and the cable box. The converter generates the most heat, so it's on top. The KLH speakers, partially obscured, are behind the TV stand.

Viscount 1660 Multiband Portable Radio

BY CLAUDE CHAFIN

We thank Claude Chafin for sending this photo and a brief account of his restoration of the set. (Editor)

This is a Viscount Model 1660 multiband portable transistor radio. I found this set at a local flea market for \$10. The antennas were broken off, so I replaced them with a pair of old rabbit ears. Also, the plastic tube that holds four "D" cell batteries was missing. I replaced it with some 4 oz. plastic hair spray bottles end-to-end. I just cut the ends off, rinsed them out, and taped them together.

The radio works pretty well. But for this class and era of radio, my favorite is still the Zenith Royal 3000-1. In fact, the Viscount Model 1660 was probably sold to compete with the transistorized Zenith Trans-Oceanic models in the early 1960s.

(Claude Chafin, 4223 E 42nd St. Way S, Independence, MO 64055)



The Viscount 1660 portable with its lid open showing a world map with time zones.



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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†
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FOR SALE: Eveready #3 table model with speaker & manual - \$359. Fada #155 TM wood, good - \$95. GE #54 TM wood, good - \$49. Bob Fuerderer, Holly Farm, 813 Rte. 12A, Surry, NH 03431. (603) 352-3005. Fax: (603) 355-2942

FOR SALE: Philco console Radiobar Model 505, OK for restoration, speaker needs reconing, missing glassware, sales price - \$175, prefer pickup, call for shipping cost. Stephen Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244

FOR SALE: Used, test good. #80ST - \$10. 12AX7 - \$6. 12AT7 - \$3.50. 12AU7 - \$3. 6BQ5 - \$9. 6V6GTB - \$6. 5U4GB - \$3.50. 5Y3G - \$3. 35L6GT - \$3. 50L6GT - \$4. 35Z5GT - \$3. Add \$5 S&H or prepaid order of \$25 or more. James R. Lopaz, 5467 S. 975 E, Ogden, UT 84405. (801) 476-1470

FOR SALE: (6) Hallicrafters: (2) S120, (1) CRX-1, (1) S38, (1) S-408, (1) TW203A, vg - \$400. Majestic cathedral 20, 1932, needs speaker, vg - \$85. Pooley phonograph, vg - \$175. Gilbert Simpson, 18 Beechwood Dr., Ansonia, CT 06401-2804

FOR SALE: Telephone pole insulators, over 100, some very rare. H. Felder, 7517 Granada Dr., Bethesda, MD 20817. (301) 320-3028

FOR SALE: Bendix radio Model 736B Superheterodyne and RCA Victor Magic Loop Model 67VI - Best Offer. TCM, PO Box 363, Rotterdam Junction, NY 12150. E-mail: dkvean@capital.net

FOR SALE: Antique radio schematics - \$3 ppd. Chuck Grossman, 627 Palmera Dr. E, Ponte Verde, FL 32082. E-mail: GrossmanCR@aol.com

FOR SALE: Hundreds of collectible electronics. Send \$1.25 LSASE for 42-page list. Make Offers. John R. Enigl, Sr., Cherry Lane Old Radios, 5425 Tart Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

FOR SALE: Zenith Y832E, mint - \$75. Zenith 6S229, vg - \$125. Martin Piepenburg, 5536E 500N, Monterey, IN 46960. (574) 542-2591

FOR SALE: Large number of radio and TV service manual books from TAB and Sams. Send e-mail for a list and you can make an offer for group or individual items. Larry Steckler, 12317 North Fallen Shadow Dr., Marana, AZ 85653. E-mail: lartronics@aol.com

FOR SALE/TRADE: Many years of QST, 73, CQ and ham radio magazines. A. Bruno, 24 Butternut Dr., New City, NY 10956. (845) 354-8899

FOR SALE: Grundig Model 2440, original owner, beautiful sound and cabinet - \$80. Belmont 6D111, very good condition, no cracks, works well - \$75. E-mail pictures available. Tom Guastella, 1633 W. 11th St., Brooklyn, NY 11223. (718) 256-8367

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

FOR SALE: Ham equipment (3) NC 300 receivers, HQ-170C, SX99, SX62A, Heathkit Apache FT101EX, DX150A, Knight R-100, Browning Golden Eagle CB base. More items, send for list. Ed Fluehe, WA7DAX, 1649 East Stratford Ave., Salt Lake City, UT 84106. (801) 484-5853

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FOR SALE: (2) Scott radios complete in cabinets. Zenith 6B164 6V working, very rare. Guild teakettle - \$50. Jewel box Emerson 570 - \$50. Motorola Art Deco 53H brilliant red, excellent. Green Philco Art Deco, white grille, twin speakers, excellent. Grunow 500, beautiful chrome grille set, looks like new. Radiola III w/ 2 WD11 tubes, looks like new. Admiral beetle, 6 tubes, white, big dial w/multi colored spots. Philco 53-562 beautiful orange red, has big dial. Some items may be available from last month's ad. Everything reasonably priced. Please call w/offers. Bill Kalcik, Meadowbrook Resort, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, after 9 pm CST

FOR SALE: Hickok tube tester, Model 539C, excellent condition. Ken Reuter, 5675 N. Mock, Orange, Beverly Hills, FL 34465. (352) 400-4964

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

FOR SALE: Miniature wire and tape recorders Stuzzi/Minifon/Protona Japanese & German. Jon Golden, PO Box 715, Carlisle, MA 01741. (978) 371-5557. E-mail: jon@make3dimages.com

FOR SALE: Tested Electronics Troubleshooting Methods, 1976, Walter Buchsbaum, 229 pp., exc - \$11 ppd. Henry C. Loos, 542 Tomahawk Ct., Palm Beach Gardens, FL 33410. (561) 352-8172. E-mail: hcloos@comcast.net

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

Classified Ad Deadline Noon

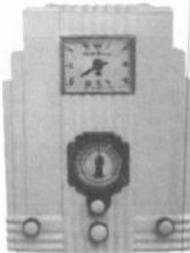
Jan. 10 for Feb. 2008 Issue

Feb. 10 for Mar. 2008 Issue

Photo & Display Ads - 1st

WANTED: Copy, service data 1936 Cadillac auto radio. Owner's manuals, Sony BMC-220, BMC-1000. Alan J. Kriss, 416 Norris Brook Rd., Middlebury Center, PA 16935. (570) 376-3952

WANTED: Knight Kit Space Spanner in excellent condition. Want the model with the silver color on the top and darker color on the bottom of the front panel. No cabinet is OK. Ralph Peirce, 502 Azalea Ave., Fort Pierce, FL 34982. (772) 461-2386. E-mail: oldradioguy@aol.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, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Zenith Cobra arm record changer for Zenith Allegro solid-state console Model No. 915P, chassis No. 3WJR50/3WJR50Z, Serial No. 9362977. Jack Campbell, 1804 Crestview, Danville, IL 61832. (217) 446-0229

WANTED: McIntosh C-8 phono preamp w/D-8 power supply & cord. Jerry Newton, 4217 Cedarpine Ct., Riverside, CA 92505. E-mail: oldestuffe@sbcglobal.net

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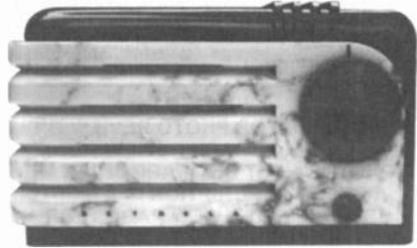
Contact: Donna, Sales Manager

United Electronics Co. (Est. 1935)

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E-mail: dloc11111@aol.com

WANTED: Westinghouse Aeriola Sr. or equivalent to salvage the wooden box. Basket case OK. Contact Mike Grimes, 5306 Creekside Ct., Plano, TX 75094. (972) 898-7251. E-mail: K5MLG@verizon.net



WANTED: More prewar plastics by Detrola, RCA, Kadette, Air King, et al. Take zall my money before the relatives do. They are trying to hurry my already imminent demise. Please write or call collect: Rain Buttignol, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Bud streamlined cabinet #CD-1482. Louis L. D'Antuono, 8802 Ridge Blvd., Brooklyn, NY 11209. (718) 748-9612, after 6 pm EST

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

WANTED: Silver-Marshall Round the World Four with coils. P. Christensen, 3749 Southern Hills, Jacksonville, FL 32225. (904) 379-7802. E-mail: pchristensen@ieee.org

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FOR SALE/TRADE: Guild New Englander – \$180 OBO. Trade for tube, transistor radios or? Michael Crain, N3VWN, 3 Hillside Ave., Harveys Lake, PA 18618. (570) 639-2794. E-mail: akradio@juno.com

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A SHORT DESCRIPTION IS A MUST!
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ADDITIONAL INFORMATION**

FOR SALE: Hallicrafters S-36 VHF/UHF communications receiver, pickup only – \$125. John Zima, 1360 Reed Rd., Churchville, NY 14428. (585) 293-3023. E-mail: jfz_rny@yahoo.com

FOR SALE: Philco 20 cathedral with professionally installed 1950s GE chassis, exc orig. finish, keep as is or restore – \$60 or trade for Emerson 572. Sam Mannino, PO Box 6, Broomall, PA 19008. (215) 901-2093

FOR SALE: (25) Zenith Trans-Oceanics plus much more – \$2,300. Pick up only. M. Roush, W9MMR, 700 Balmoral Ct., Inverness, FL 34453. (352) 344-5933

FOR SALE: Grille fabric 18" x 24" basket maple (2) – \$5 ea. (2) Olson, (1) Monarch transistor radio kits – \$20. Harry Schesnuk, Box 2162, Newport, WA 99156. (509) 447-4630

FOR SALE: Breting 14 and 1930s Hallicrafters, National, Hammarlund parts, also transmitter parts. Larry Rosine, 13719 Alhambra, Leawood, KS 66224. E-mail: w0og@sbcglobal.net

FOR SALE: New TV parts, new TV tubes and used TV test equipment and used Sams schematics. For complete lists of everything for sale. John Logan, 10435 Reutzell, Boise, ID 83709-4657. (208) 362-5156. Fax: (208) 362-1301. E-mail: jlogan@interplusa.net



FOR SALE: Atwater Kent Model 92 cathedral, has rope front trim. This is an 8-tube receiver of 1931. Set was working short time ago, doesn't hum, just needs tinkering to get it to work again. It's complete, nice solid cabinet – \$495. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, MA 02649. (508) 477-1578, before 9 pm please

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

FOR SALE: Write for list of radio magazines, books & pamphlets or a second list of cheaper novelty radios for sale. Crosley Tan #11-120 – \$140. AK 456 tombstone – \$250. Black Hopalong Cassidy – \$475. Dumont RA346 – \$120. (17) Edison Blue Amberol records, poor condition – \$25 for all 17. Canadian Westinghouse 501M, ivory – \$105. Firestone 4A79, ivory – \$20. 1946 British Ever Ready battery radio – \$35. The Mozart Grand Co. bugle style speaker, driver OK, rare – \$195. Airline 514B, maroon – \$95. Rare Baldwin 99 drum speaker – \$30. Philco 20, nice – \$250. Philco Ford repro cathedral – \$35. '70s Denmark radio w/adaptor & speakers – \$85. Mid '20s King battery radio w/dud tubes – \$55. EK-265 Farnsworth early '40s radio & record player – \$130. Large Philco sign Famous Quality World Over – \$220. MJ10351 Zenith – \$25. UPS extra. Larry Chambers, 514 E. Kings Rd., Smyrna, TN 37167. (615) 355-2005

FOR SALE: Wood table radios, 1940s, oatmeal xtal base, radio books, SASE for lists. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Phone/fax: (440) 331-9206

FOR SALE: Good used B&W CRTs, flybacks, yokes – \$15 ea. Speakers, transformers, volume controls, switches, tubes, transistors, meters, RCA, Zenith modules, knobs, vernier dials, sockets, plugs. Angelo J. Milardo, 201 English St., New Haven, CT 06513. (203) 624-1015

FOR SALE: Hammarlund RV-11 VHF receiver – \$125. Bendix BC639A VHF WWII lend lease receiver – \$150. Bruce Beckeney, 5472 Timberway Dr., Presque Isle, MI 49777. (989) 595-6483



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Registration begins for all at 7:30 AM

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Exhibitors: \$11 per person/family for admission plus \$33 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 request the same location, if we receive their paid registration by February 1, 2008. 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 have priority for the same location in 2009. Exhibitors may register at the door (if tables are available), or may pre-register by mailing payment to: Radio XXXIX, 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:** Show opens to all at 8:00 AM. At 7:30 AM, exhibitors may enter the hall only to deliver goods to their tables (no setup/no unpacking/no buying/no selling) and then must return to the foyer until the doors open for everyone at 8 AM. If desired, one person may sit at the table for security purposes (no setup/no unpacking/no buying/no selling). Speak with show manager for special situations. **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 XXXIX for special rates. Room reservations should be made by January 25, 2008 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!

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FOR SALE: RCA Radiola III NT - \$70 or BO plus shipping. Denton Lahner, 505 N. 10th St., Apt. 801, Reading, PA 19604. (610) 372-2487

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

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

FOR SALE: Rare Drake QXer 455 Kc Q multiplier #583 - \$16. plus shipping. Henry Mohr, 1005 W. Wyoming St., Allentown, PA 18103-3131

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

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FOR SALE: Antique radio schematics still only - \$3 ppd. Joseph R. Forth, 119 Long Vue Acres Rd., Wheeling, WV 26003. (304) 277-3154. E-mail: waz2trt@1st.net

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WANTED: Information on Jimmy Lyons signature radios. Will pay for any info on this brand. Charles Kirsten, 7626 Cloudy Bay Ct., Rancho Cucamonga, CA 91739. (909) 803-2447

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WANTED: Original box and/or docs for tan Zenith Royal 76. Patrick Franzis, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: old_radios@yahoo.com

WANTED: I.F. transformers for Philco 16. They are round aluminum 2-inch cans that peak at 460 Kc. Willing to buy unrestored chassis. Gino Lombardo, 10 Edgemont Ln., Bedminster, NJ 07921-1616. (908) 781-6726

WANTED: Automatic fax switch: Radio Shack AFX-250 cat. # 43-1244 (or equal). Richard Mollentine, WAØKKC, 7139 Hardy St., Overland Park, KS 66204-1710. (913) 432-5136

WANTED: BC-375 military transmitter and TU-8-A tuning unit. Tom Coe, 4009 Chica Rd., Crossville, TN 38572. (931) 788-6926. E-mail: tcoe@frontiernet.net



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FOR SALE: Uniden Model BC895XLT scanner, has 3 manuals, orange digital readout, used only a few times – \$125. Daniel Seidler, 5640 W. 103 St., Oak Lawn, IL 60453. (708) 499-0221

FOR SALE/TRADE: Riders, Sams, Beitman, tube manuals, handbooks, transistor manuals, radio magazines, tubes, transistors, manuals. A.J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536. E-mail: ni4q@juno.com

FOR SALE: Zenith console 9-S-262, Atwater Kent 20 compact, Kennedy 521 amp, Remler Infradyne amp, Guild Bonnet box radio-phonograph, Zenith TV 1951 with remote. Nicholas A. Vaksvik, 235 Marvin Ave., Los Altos, CA 94022-356. (650) 279-9931

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FOR SALE: Repeat of a sellout. Got many requests for this item, so here we go again! Candle multi-band portable, nice, clean, working set – \$95. Dave Crocker, 35 Santuit Pond Rd., #4B, Mashpee, MA 02649. (508) 477-1578, before 9 pm please

FOR SALE: (2) Philmore crystal sets. (1) Blue beard crystal set. (2) Philco #20 cathedrals. 7-tube Walton. Bill Kalcik, Meadowbrook Resort, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, after 9 pm CST

FOR SALE: More new listings. EICO 667 tube tester, mint condition, w/manuals – \$150. Garrard AT-60 turntable, with base and dust cover and Shure Magnetic cartridge – \$75. Heathkit 0-8 oscilloscope, 1952, works good, with manual – \$65. EICO Model 324 signal generator, works good, with manual – \$55. RCA 8T241, 10-inch B&W TV, mint condition, 1948 – \$300. Hewlett-Packard 5-inch oscilloscope Model #120-B, works good – \$95. Telequipment S-51, 5-inch tube type oscilloscope, from UK, working, 1960s – \$75. Hewlett-Packard 400A, AC vacuum tube voltmeter, (VTVM) working – \$50. GE 7" B&W tv w/AM/FM, 1990, runs on AC or 12 volt dc, work good – \$45. Sony 11" B&W TV, Model TV-115, runs on AC or 12 volt DC, 1974, working – \$65. 16LP4 Sylvania B&W picture tube, appears N.O.S., tests very good – \$75. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

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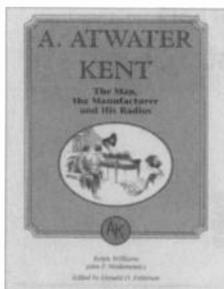
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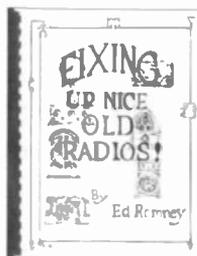
Classic Cones, Chidester. *Pictorial reference & value guide for 1920s radio cone speakers. 100s of color photos. 2001. 122 pgs.* **\$25.95**



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



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Estes Auctions - February 23 - Mark Stein Collection Radio Listing

Manufacturer	Model/Description	Year	
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Addison	5 "Theatre" - Wood	1942	
Admiral	"Skyscraper" (cabinet only)	1936	
Aetna	550	1936	
Air Castle	"Tulip Grille"	1937	
Air Castle	2008 "Diamond Jubilee" round radio	1940	
Airmex	348 "Bullet"	1937	
Arkay	A "Marver"	1935	
Atwater-Kent	185	1934	
Atwater-Kent	356	1935	
Audiola	mini-tombstone	1933	
Automatic	Tom Thumb "Pee Wee"	1939	
Belmont	426 "Freshman" chrome grille	1933	
Beverly	chrome grille	1937	
Clarion	602	1939	
Climax	"Baby Ruby"	1937	
Climax	"Crusader" chrome trim	1934	
Climax	"Gem"	1936	
Climax	362 "Baby Console"	1936	
Climax	oval-shaped tombstone	1936	
Climax	UE64	1936	
Clinton	chrome grille	1937	
Crosley	"Dual 60"	1934	
Crosley	"Travette Moderne" chrome grille	1934	
Crosley	197 "Skyscraper"	1934	
Crosley	547 "Fiver" w/teledial	1937	
DeForest-Crosley	81	1934	
Deluxe	"Birdseye"	1934	
Detrola	440 "Pee Wee" (wood)	1939	
Detrola	T2 (motor tuning)	1938	
DeWald	Mighty Mite Sr."	1935	
Emerson	38	1935	
Emerson	42	1935	
Emerson	49	1935	
Emerson	106	1936	
Emerson	107	1936	
Emerson	110	1936	
Emerson	148	1937	
Emerson	159	1937	
Emerson	213	1936	
Emerson	250	1932	
Emerson	282	1939	
Emerson	349	1940	
Emerson	367	1941	
Emerson	376	1941	
Emerson	440	1942	
Emerson	172 (teledial)	1937	
Emerson	197 "Mae West"	1938	
Emerson	238 "Jewel Box"	1938	
Emerson	31A metal grille	1934	
Emerson	375 (tambor doors)	1934	
Emerson	AX-212	1937	
Emerson	Strad	1937	
Fada	1212T "Streamliner", "Pyramid"	1937	
Fada	252 "Temple" wood	1941	
Fairbanks-Morse	7014	1935	
Firestone	S-7403-3 (Ingramham)	1940	
Firestone	S-7405-3 (Ingramham)	1940	
Garod	830	1937	
GE	GD-63	1939	
GE	K-53M	1933	
GE	L53	1933	
GE	L-53	1933	
General	chrome grille	1934	
General	Television "Baby Emerald"	1939	
Grunow	450	1934	
Grunow	500	1933	
Grunow	501	1933	
Grunow	510	1933	
Grunow	550	1934	
Grunow	700 (chrome grille)	1934	
Halson	"Moderne"	1934	
Halson	43B	1933	
Halson	NS40 "Jefferson"	1934	
Kadette	"International Kadette"	1933	
Kadette	32 "Futura" Clockette	1936	
LaWol	61	1934	
Lewol	LW4	1933	
Lyric	SASL (Russell Wright des.)	1934	
Lync	SW88 (Russell Wright des.)	1934	
Majestic	44	1933	
Majestic	"Lido" "Smart Set" petite console	1934	
Majestic	"Mayfair"	1934	
Majestic	"Park Avenue" "Smart Set" petite console	1934	
Majestic	"Petite" (2-tube model)	1938	
Majestic	"Ritz" "Smart Set" petite console	1934	
Majestic	149 chrome grille	1934	
Majestic	174 chrome grille w/clock/tnmer	1934	
Majestic	411 "Dekuxe" chrome grille	1934	
Majestic	463 "Master Six" prototype cabinet	1934	
Majestic	55B "Rolling Balls" chrome grille	1934	
Marconi	chrome grille	1935	
Marconi (Canada)	"Classic" (metal version of Kadette Classic)	1937	
Marconi (Canada)	Dual wave tombstone	1934	
Midwest	H-5 mini-tombstone	1936	
Midwest	HH-7 Tombstone	1936	
Midwest	M-11 Tombstone	1936	
Monterey	Midget	1934	
Motorola	5T2	1937	
Northern Electric	53	1934	
Philco	"Butterfly" chairside	1933	
Philco	604C (single control)	1937	
RCA	101	1399	
RCA	114	1933	
RCA	115	1933	
RCA	124	1934	
RCA	4X mini-tombstone	1936	
RCA	4X3 mini-tombstone	1936	
RCA	9TX3 "Little Nipper"	1939	
Rockola	Deluxe	1939	
Rogers	4511	1933	
Silver	139 "Oval"	1937	
Silver	round radio	1937	
Silvertone	6120	1939	
Silvertone	6230	1939	
Silvertone	6406	1939	
Sparton	7140	1939	
Sparton	518 "chrome trim"	1936	
Steinte	Aztec	1931	
Stewart-Warner	1163	1934	
Stewart-Warner	3041	1938	
Stewart-Warner	07-5R4 (Ingramham)	1940	
Stewart-Warner	111-1 "Century of Progress" w/ metal grille	1933	
Stewart-Warner	123-5 "Aristocrat" chrome grille	1933	
Stewart-Warner	1236 "Cavalier" mini-tombstone	1933	
Stewart-Warner	125-1 "Strand"	1933	
Stewart-Warner	125-2 "Berkeley"	1933	
Stewart-Warner	126-1 "York"	1933	
Stewart-Warner	126-2 "Stewart"	1933	
Stewart-Warner	127-1 "Bond"	1933	
Stewart-Warner	127-2 "Prado"	1933	
Stewart-Warner	169 (Ingramham)	1939	
Stewart-Warner	304-4A (birdsye & green)	1940	
Stewart-Warner	R110-A (10 tubes)	1934	
Stewart-Warner	R-1381A	1937	
Stromberg-Carlson	69	1935	
Stromberg-Carlson	240H (11 tubes w/bakelite insert)	1937	
Tempo-Tone	"Tempo-Tone"	1937	
Trav-ler	315	1939	
Trav-ler	442	1936	
Trav-ler	512	1936	
Truetone	"Fan Grille"	1935	
Truetone	D1001 "Sentinel"	1941	
United Motors	4054	1934	
Western	66-14913	1935	
Wilcox-Gay	"Midget"	1935	
Wilcox-Gay	2-tone table radio	1937	
Zenith	707	1934	
Zenith	711	1934	
Zenith	835	1935	
Zenith	317 "World's Fair" (w/original box)	1939	
Zenith	5S-326 "Children's Set"	1939	
Zenith	6D-526 (Ingramham)	1941	
Zenith	827 chrome grille	1935	

ALSO:

Large lots of tubes, knobs, speaker cloth, parts, supplies
 Several vintage radios c1946-48 NEW IN THE BOX

SPECIAL ITEMS:

Majestic 149 chrome grille mini-tombstone (cover of new book Cathedral & Tombstone Radios)
 Zenith 835 Chrome Grille (cover of tabletop radios vol.1)
 Majestic 174 Chrome Grille
 Emerson 197 Mae West
 Wurilizer Lyric SW88 (Russell Wright des)
 Majestic Park Avenue petite console (Cover of Pre War Consoles book)
 Majestic Ritz Petite console
 Emerson 148
 Fada 1216T/1212T "Streamliner" tombstone
 Kadette Clockette
 Marconi Chrome Grille
 Midwest M11 Tombstone
 Stewart-Warner 126-2 "Stewart" tombstone
 Stromberg-Carlson 240H
 Travler 315
 Tempo-Tone c1937
 Silvertone Coronet

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

It is with great pleasure that we have been selected to offer the very unique and beautiful collection of Mark Stein. Mark has put together a collection of radios from the Deco period of our society and many of these same radios are ones that appear in the pages of the many reference books he has written. Mark made the task of finding information about radios easier for all of us with his *Machine Age to Jet Age* volumes, *The Complete Price Guide to Antique Radios Pre-War Consoles*, *The Complete Price Guide to Antique Radios Tabletop Radios*, and the book, *Plastic Radios*. The time and effort that goes into these publications makes it much easier for other collectors to identify and also to get an idea of the worth or value of a radio. I'm sure many of us have met Mark at the many antique radio meets where he would always be glad to sign copies of his books for anyone who would ask. We will move this collection to Ohio in early January 2008 and get pictures on our website. We are very excited about this upcoming auction and hope you make plan to join us. **We have included a listing of some of the radios on the opposite page in this issue of *Antique Radio Classified*.**

Richard Estes, K8LRY - Auctioneer

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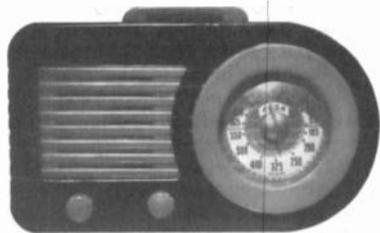


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(#41-Oct-07)

WANTED: Affordable collections of panel meters, aircraft instruments, Navy gauges, electrical gauges, most anything. Chris Cross, PO Box 94, McConnell, IL 61050. (815) 275-5590



WANTED: Fada Catalin radios. Help! My entire collection spontaneously combusted during an interview with the "Enquirer." Replenish and repent ye sinners. Please write or call collect: Rain Buttignol, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: OTR fanzines from 60s to present. Nostalgia Digest, club newsletters, etc. Ryan Ellett, KCOPWA, 1741 W. 20th St., Lawrence, KS 66046. (785) 749-2862. E-mail: OldRadioTimes@yahoo.com

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

ELECTRIC RADIO



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

ER, PO Box 242, Bailey CO, 80421

720-924-0171 email: editor2@indra.com

WWW.ERMAG.COM



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

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

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



WANTED: Emerson Catalin radios. Nobody pays more than I. What an arrogant and inaccurate thing to say. I mean, like there isn't anyone wealthy enough, dumb enough, desperate enough – or any combination of the three – to pay even a dollar more than I would pay. I mean, c'mon, who am I trying to kid! Please write or call collect: Rain Buttignol, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

WANTED: Silvertone 6-tube, wood, eye, chassis 101.17, 6 x 5 rectifier. Carl G. Davis, 121 N. Scott St., Westville, IL 61883-1425

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For 1942 models: Escutcheon with gold trim as per original \$32.95. Knobs, set of four \$20.

Pushbuttons, set of nine \$31.50. Money order gets immediate shipment. Add \$5 s&h. Calif. residents add 8.25% sales tax. **Old Time Replications**, 5744 Tobias Avenue, Van Nuys, CA 91411. Phone (818) 786-2500. Email oldtimerep@aol.com

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

FOR SALE: Go to our website at gn4radios for an extensive listing of items for sale. For an up to the minute update, call (612) 727-2489 during business hours. We offer the highest quality electrical restoration for Zenith Trans-Oceanics and all other vintage radios, including the solid state TOs. New: Spectacular original condition Admiral 909B Trans-Oceanic clone; S type excellent repro Scott knobs. Scott Philharmonic Waverly Grande; Scott 16 Wilshire. We are the largest retailer of E.H. Scott radios with 7 excellent examples on our showroom floor at this time. Call for details. Zeniths: Super rare 15U246 McDonald Chairside; 12S245 McDonald chairside, mint condition; 15U271; 12U159 and many others. Trans-Oceanics: 7G605; R7000 and all of the others. RCAs: 10T tombstone; 128, 816K. Also many other fine brands for sale. restoration supplies. Request our free catalog. Visiting Minneapolis? We have the finest vintage radio showroom in the country with over 50 exceptional consoles on the floor, and shelves and shelves of table models. Experience our store, Great Northern Vintage Radios, just 5 minutes from the airport. We ship consoles and we do it right. We accept cash, check, money orders, plastic and Paypal. Alan Jesperson, PO Box 17338, Minneapolis MN 55417. (612) 727-2489. 11 am - 4:30 pm, Tuesday-Friday, Saturday 10-3. Fax during business hours (612) 821-4820. E-mail: alan@alanjespersen.com and mte612@aol.com

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FOR SALE: Uniden Model BC895XLT scanner, has 3 manuals, orange digital readout, used only a few times - \$125. Daniel Seidler, 5640 W. 103 St., Oak Lawn, IL 60453. (708) 499-0221

FOR SALE/TRADE: Riders, Sams, Beitman, tube manuals, handbooks, transistor manuals, radio magazines, tubes, transistors, manuals. A.J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536. E-mail: ni4q@juno.com

FOR SALE: Zenith console 9-S-262, Atwater Kent 20 compact, Kennedy 521 amp, Remler Infradyne amp, Guild Bonnet box radio-phonograph, Zenith TV 1951 with remote. Nicholas A. Vaksvik, 235 Marvin Ave., Los Altos, CA 94022. (650) 279-9931

FOR SALE: (2) Philmore crystal sets. (1) Blue beard crystal set. (2) Philco #20 cathedrals. 7-tube Walton. Bill Kalcik, Meadowbrook Resort, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, after 9 pm CST

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

PHONE NUMBER FOR ANTIQUÉ RADIO CLASSIFIED TOLL FREE (866) 371-0512 Best time to call is weekdays: 9 am to 5 pm Eastern Time

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FOR SALE: More new listings. EICO 667 tube tester, mint condition, w/manuals - \$150. Garrard AT-60 turntable, with base and dust cover and Shure Magnetic cartridge - \$75. Heathkit 0-8 oscilloscope, 1952, works good, with manual - \$65. EICO Model 324 signal generator, works good, with manual - \$55. RCA 8T241, 10-inch B&W TV, mint condition, 1948 - \$300. Hewlett-Packard 5-inch oscilloscope Model #120-B, works good - \$95. Tequipment S-51, 5-inch tube type oscilloscope, from UK, working, 1960s - \$75. Hewlett-Packard 400A, AC vacuum tube voltmeter, VTVM working - \$50. GE 7" B&W TV w/AM/FM, 1990, runs on AC or 12 volt DC, work good - \$45. Sony 11" B&W TV, Model TV-115, runs on AC or 12 volt DC, 1974, working - \$65. 16LP4 Sylvania B&W picture tube, appears N.O.S., tests very good - \$75. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

FOR SALE/TRADE: Consider mere paper dollars. Marantz 1030 integrated amp pre-amp, exc - \$95; Collins MBF WW II transceiver, exc; British RA 1154 transmitter, RA 1155 receiver, Lancaster bomber gear, both very good/exc; RCA coin-op radio, 40s, new electros, great cosmetics, works fine, no coin gear - \$95; Presto 920, very early pro reel-to-reel tape recorder, rare, vg; Westinghouse RA/DA combo, as good as you'll find; late 30s Packard car radio, Philco, recapped, working, all correct knobs. Pix available any/all. **WANTED:** Coils for RAS Type HRO, look like black HRO, 175 Kc IF; coils for Amalgamated Wireless Aussie HRO; SW3/SW5 coils; 2/6 volt dc house power supplies; PE 73 & TU units for BC 3075; DY 17 Dyna for ART-13; AC power supplies for ART-13. Always buying: Vintage microphones and stands; tube pre's; compressors; what-have-you! Happy New Year! Ward Kremer, 57262 Poppy Rd., South Bend, IN 46619. Ph./fax: (574) 204-2877. E-mail: witzend99@comcast.net. Website: <http://www.radioattic.com/kremer>

FOR SALE: Philco cathedral Model 50 restored, ready to play - \$225. Atwater Kent Mod 35, ready to play - \$90. Zenith 3000-1 Ch.12KT43Z8, clean - \$85. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. E-mail: bernies@samnet.net

FOR SALE: UTC audio transformers, 3 used very good cond. LS-140 - \$35 each. William Harder, 911 W. Northrup St., Lansing, MI 48911. (517) 882-2303. E-mail: w_harder@yahoo.com

FOR SALE: Knight Receiver .190-30.0 - \$75; Hallicrafters S-38 - \$75; Fluke 8120A multimeter - \$50. Ernest Odeneal, K5QJF, 2710 Lee St., Greenville, TX 75401. (903) 455-2113, 455-5788. E-mail: odeneal@geusnet.com

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Estes Auctions is pleased to have the pleasure of bringing the contents of the Marconi Museum to offer at our auction facility. Among the items to be sold are: A beautiful Marconi spark transmitter built at the Hall Street Chelmsford factory in September 1897, a large sign from a Marconi station that reads ("Continent to Continent" – Marconi Wireless Telegraph Co. of America Worldwide Wireless and Rapid Automatic Transatlantic Service). A Marconi wireless operator's hat, a Marconi wireless operator's jacket, a Marconi Velvetone record. Marconi-Victor wireless telegraphy course. Marconi test unit #2615, a Marconi hand-cranked 600 volt generator for a portable spark transmitter, Marconi School of Wireless home study course, Westinghouse BC-137, Federal Type 61, Kennedy Type 220, Kennedy Type 525, many ca. 1920s battery sets, a Gilman Bros. early ribbon-type microphone, two Western Electric Type 212 tubes with sockets, other tubes including Cooper-Hewitt 15 amp. Lots of amateur radio items, nice Millen Bros. transmitter 90810 ca. 1943, National RAS, NC-57, NC-240C, Swan 500 w/PS, Hallicrafters SX-101, SX-111, S-20R, S-38, S-38E, Hammarlund HQ-170-A, Harvey Wells Bandmaster Senior, RME receiver, beautiful Gonset 101-SSB with matching linear amplifier, Collins 388-URR, RME VHF-126 converter, Ameco 2 and 6 meter transmitter, military BC-187 xmtr, RBL-3 Wells Gardner, Heathkit DX-40, many amateur radio transmitting tubes, books and magazines. Some early QSTs. The auction has a nice selection of cathedral and tombstone radios, horn speakers, parts, and lots of tubes. Teletype machine. This will be a great way to start your radio collecting in the New Year. Hope to see you at the auction. Early sale at 8:30 am. Parts sets and misc. items. Main Sale at 10 am. Terms: Cash, check, Visa, M/C. 5% gallery fee. Preview Friday Jan. 18 from 4 pm - 8 pm. Day of sale from 8 am - 10 am.

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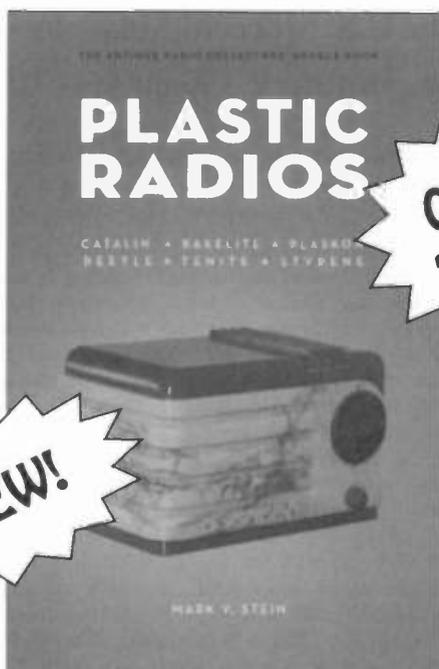
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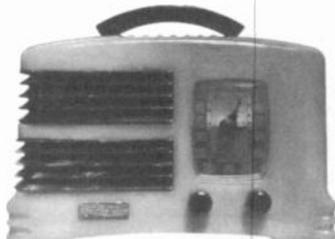


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(#32-Oct07)

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>

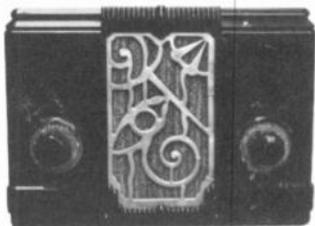


WANTED: Symphony and Detrola Catalin radios. I am not a human being: I am a radio collector. God forbid! Pity me the lost soul that I am and fulfill my humble needs. Please write or call collect: Rain Buttignol, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

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Place a free 20-word Wanted ad
and let it find you!

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

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



WANTED: Early (prewar II) plastic radios. I collect these objects of beauty to enhance my otherwise dull and uneventful life to which I am forever bound by my sad-but-true unworthiness and shortcomings: physical, emotional, and intellectual. Please write or call collect: Rain Buttignol, 192 Newcastle Ave., Portsmouth, NH 03801. (603) 828-7823

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

WANTED: Yellow knob for Garod Commander; red knobs for Detrola Super Pee Wee. Thanks, Peter Taber, 136 Creekview Ct., Marion, NC 28752. (828) 712-3711

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

WANTED: Hallicrafters Sky Champion SR-20 manual/schematic or copy. Joe Whisnant, 1233 Newcastle Way, Maryville, TN 37803. (865) 977-9024

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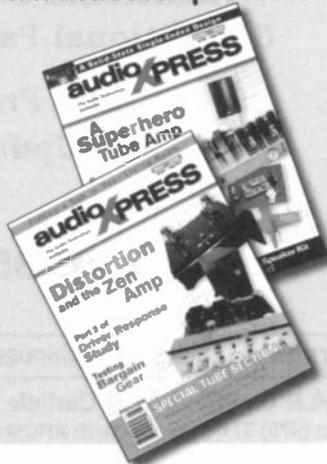
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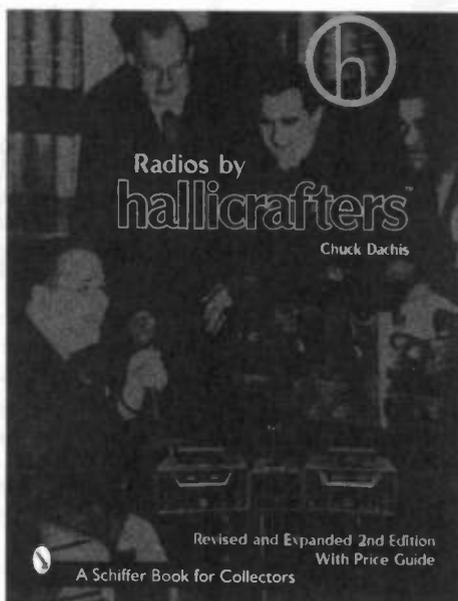
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(#16-Nov-07)

FOR SALE: Sony CRF-5100 Earth Orbiter, exc/NM with original manual - \$200. Panasonic RF-93, orange teardrop, exc - \$75. Ed Kalpa, 4622 Melbourne Ave., Los Angeles, CA 90027. (310) 795-7925

FOR SALE: Knight Star Roamer AM/SW tube radio front worn but plays - \$49 + postage. (5) vintage TVs - \$150/all. N.O.S. Astatic 89T Callifone phono needle - \$17. Radiosale website: <http://members.aol.com/dmradios/tube.html>. Don Maurer, 7 Bricker Rd., Bemville, PA 19506. (717) 507-0628. E-mail: dmradios@aol.com

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FOR SALE/TRADE: Kadette Classic blue/white, Westinghouse Repwood mini-tombstone. **WANTED:** Airite Deskset Kadette inkwell & clock. C.R. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings. E-mail: ken@kennevins.com

FOR SALE: Old military headphones, 1956 Popular Science, gc, Radio Shack Understanding Solid State Electronics - \$5 each. James S. Looney, 1135 Harman Jct. Rd., Grundy, VA 24614. (276) 531-8677

FOR SALE: Western Electric 92 amp, 205DE, 274AB, 300B, 350AB audio tubes. Bozak B410 speakers. V. Vogt, 2311 Pimmit Dr. #114, Falls Church, VA 22043. E-mail: archaicaudio@msn.com

FOR SALE: Atwater Kent Mod 52 in metal console cabinet, The Stove. Looks and plays like new, pick up only. More information, digital photos: Irv Sanders, 242 Hunter Ln., Harrisburg, PA 17112. E-mail: radioirv@verizon.net

FOR SALE: Fada 1000 Catalins - \$1,100. Radiola 3A good WD-11s - \$425. All nice cond. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (973) 694-6374

FOR SALE: Many of my items from last months ad and the following: Sparton 589, nice, original. Crosley Mate, cute little console w/Repwood front, nice, original, Zenith 5S250, small console, nice, original. 8G005, H-500, G-500 Trans-Oceanics, 10S464, 2 sets, Atwater Kent 40, others, E & E-2 speakers, Philco 15 console, 38-116 console cabinet & speaker, 42-295 console, 96, 38-1, poor, for restore or parts, Farnsworth AC-71, Giant Heathkit color TV w/papers, RCA 220 & 222 consoles, Grundig, Nordmende table radios, National Union wood table radio. Many more radios, parts, chassis, send want lists. Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: radiowilbur@aol.com

WANTED: Antenna coil Goodyear Model 860, bandswitch Truetone D1250, 45 rpm adapter Philco L1656-123. Tom Carlson, PO Box 24284, Lakeland, FL 33802. E-mail: gcarlson24@yahoo.com

WANTED: Glassware: Porto Baradio PA510/PB520. Zenith 7G605 junker chassis & cabinet. Ye Olde Radio Shoppe, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-8864. E-mail: yeolderadioshoppe@oh.rr.com

WANTED: RCA Victor Service Notes (Redbooks), 1923-1928; 1929-1930; RCA Service Data Vol. 3 1943-1946. Gary A. Micanek, 226 Henry Ave., Manchester, MO 63011. (636) 227-7046. E-mail: micanek@aol.com

E-MAIL ADDRESS FOR ANTIQUÉ RADIO CLASSIFIED ARC@antiqueradio.com

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See policy pages for details

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

WANTED: Philco Model 118 that needs help or dial drive escutcheon and knobs. Robert F. Haworth, 112 Tilford Rd., Somerdale, NJ 08083. (856) 783-4175

WANTED: Supreme Audolyzer Model 562 test instrument. Al Payne, 670 Southwood Dr., Uniontown, OH 44685. (330) 896-0008. E-mail: paynemd@prodigy.net

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

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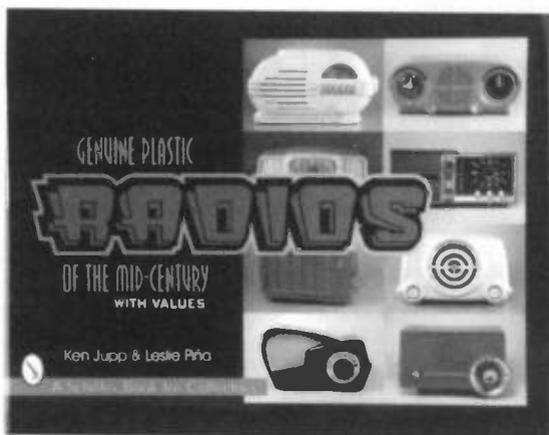
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(#13-Nov07)

MESSAGE: Tubes – all types. Buy and sell. Daily Electronics, PO Box 822437, Vancouver, WA 98682. (800) 346-6667. Fax: (360) 896-5476. E-mail: daily@wa-s.com. Web: dailyelectronics.net

FREE: 1939 GE H87 & 1950s Admiral 14" TV, for parts or restore. Pickup only. Paul Moens, 6792 Miller Rd., Newark, NY 14513. (315) 331-6740. E-mail: PRMoens@aol.com

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SERVICES: Clear plastic repro dial covers – \$18 ppd. U.S.A. Mark Palmquist, 5033 Arbon Ln., Lilburn, GA 30047. (770) 923-8929. E-mail: jmpalm@mindspring.com. Web: http://jmpalm.home.mindspring.com

SERVICES: Repairs to vintage tube equipment including home receivers, phonographs and auto radios. South Bay Radio, 7187 Lakeshore Rd., Cicero, NY 13039. (315) 699-7341

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

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

SERVICES: 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

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ABBREVIATIONS USED IN CLASSIFIED ADS

MISCELLANEOUS

amp = amplifier
BC = broadcast
BO = best offer
ca. = circa (approx. date)
ea. = each
F.O.B. = freight on board
IB = instruction book
LSASE = A Long SASE
(see SASE)
LW = long wave
M.I.B. = mint in box
MO = money order
Mod = model
N.I.B. = new in original box
N.O.S. = new old stock
(an original, unused vintage item)
NT = no tubes
OB = in original box
OBO = or best offer
P&H = postage & handling
ppd = postage paid
(shipping included)
PS = power supply, also
"pwr sup"
PU = pick up only
rcvr = receiver
SASE = self-addressed
stamped envelope
(send a long, #10,
envelope)
spkr = speaker
SW = shortwave
UPS = United Parcel
Service
vol. = volume
w/ = with
w/o = without
WT = with tubes
xcvr = transceiver
xfmr = transformer
xmtr = transmitter
xstr = transistor
xtal = crystal

BOOKS USED AS REFERENCES

(V.R., p 30) means *Vintage Radio*, page 30
Blast = *Radio – A Blast From The Past*
Bunis 1, 2, 3 or 4 = *Collector's Guide to Antique Radios, 1st, 2nd, 3rd or 4th editions*
Collins = *Radios – The Golden Age*
Douglas V1, V2 or V3 = *Radio Manufacturers of the 1920s, Volumes 1, 2 or 3*
E.O.R. 1 or 2 = *Evolution of the Radio, Volumes 1 or 2*
F.O.S. = *Flick of the Switch*
Grinder/Fathauer = *Radio Collector's Directory and Price Guide*
G.O.R. = *Guide to Old Radios*
Johnson's A.R. = *Antique Radios – Restoration & Price Guide*
M.A.J.A. = *Machine Age to Jet Age*
O.T.B. = *Old Timer's Bulletin* published by
Antique Wireless Association (AWA)
Sidell = *Classic Plastic Radios*
V.R. = *Vintage Radio*

CONDITION

(If good or better, mention non-original parts)
p = poor
g = good
exc = excellent
f = fair
vg = very good

A.R.C. does not encourage abbreviations except those listed here. Please spell out all other words. Special note for hams – most subscribers are not hams so we do not recommend ham-type abbreviations.



OHIO – Jan. 1

ANTIQUÉ RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.

7 pm

Info: Karl Koogle - (937) 294-8960

E-mail: karlkrad@gemair.com

NORTH CAROLINA – Jan. 8

EAST CAROLINA ANTIQUÉ RADIO CLUB MEETING

Greenville, NC - Sheppard Memorial Library

Meeting Room A, 530 Evans St.

7 pm

Info: Herman Schnur - (252) 752-2264

ARKANSAS – Jan. 3

ANTIQUÉ RADIO COLLECTORS CLUB OF FORT SMITH MEETING

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

7:30 pm

Info: Paul Tucker - (479) 782-8178

OHIO - Jan. 8

SOCIETY FOR THE PRESERVATION OF ANTIQUÉ RADIO KNOWLEDGE (SPARK) MEETING

Kettering, OH - Parkview Comm. Center
4100 Glenheath

7:30 pm

Info: Jeff Bothwell - (937) 854-7106

jbothwell@butlertownship.com

WASHINGTON - Jan. 5

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Ann Library
400 W. Garfield

2 pm

Info: REPS - (206) 488-9518

www.repsonline.org

PENNSYLVANIA – Jan. 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

NEW YORK – Jan. 6

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET & MEETING

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

8 am - 1 pm

Info: Jim Koehler - (516) 623-0035

Rich Lee - (914) 589-3751

ARKANSAS – Jan. 10

ARKANSAS ANTIQUÉ RADIO CLUB MEETING

Call for location and directions

7 pm

Info: Tom Burgess - (501) 455-0773

MISSOURI – Jan. 8

ANTIQUÉ RADIO COLL. & HIST. SOC. OF GREATER ST. LOUIS MEETING

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

7:30 pm

Meeting - Show & Tell - Swap Table

Info: Derek Cohn - (314) 725-2333

vibroplex@mindspring.com

NEW JERSEY – Jan. 11

NEW JERSEY ANTIQUÉ RADIO CLUB MEETING

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

7:30 pm

Info: Marv Beeferman - (609) 693-9430

Phil Vourtsis - (732) 446-2427

www.njarc.org

OKLAHOMA - Jan. 12

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. 16

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>

OREGON - Jan. 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

OHIO - Jan. 16

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Westchester, OH - National Voice of America Museum of Broadcasting
8070 Tylersville Road

7 pm
Info: Bob White - (513) 385-8291

COLORADO - Jan. 13

COLORADO RADIO COLLECTORS MEETING

Call David Boyle for details
1 pm

Info: David Boyle - (303) 681-3258

OKLAHOMA - Jan. 17

HEARTLAND ANTIQUE RADIO ASSOC. MEETING

See Website for meeting location
7 pm

Info: Dan Weilacher - 620 Spunky Rd.
Catoosa, OK 74015
www.hlara.org

NEW MEXICO - Jan. 13

NEW MEXICO RADIO COLLECTORS CLUB MEET

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

1:30 pm: Tailgate Swap Meet
2 pm: Program, Show & Tell and Auction
Info: Chuck Burch - (505) 286-9674
chuckBurch@aol.com
<http://members.aol.com/NMRCC>

NEW YORK - Jan. 18

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

GEORGIA - Jan. 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

OHIO - Jan. 19

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

CALIFORNIA - Jan. 15

CALIFORNIA HISTORICAL RADIO SOC. SACRAMENTO CHAPTER - MEETING

Shingle Springs, CA - 3755 Durock Rd.

7 pm
Info: Bob Moore - remooe@directcon.net
www.californiahistoricalradio.com

TEXAS - Jan. 19

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

MARK YOUR CALENDAR

Jan. 1 - OH, Dayton - ARCO Meeting
Jan. 3 - AR, Forth Smith - ARCC Meeting
Jan. 5 - WA, Seattle - REPS Meeting
Jan. 6 - NY, Seaford - GNYVWA Meeting
Jan. 8 - MO, Kirkwood - ARCH Meeting
Jan. 8 - NC, Greenville - ECARC Meeting
Jan. 8 - OH, Kettering - SPARK Meeting
Jan. 8 - PA, Telford - DVHRC Meeting
Jan. 10 - AR, "Call" - AARC Meeting
Jan. 11 - NJ, Princeton - NJARC Meeting
Jan. 12 - OK, Oklahoma City - OKVRC Meeting
Jan. 12 - OR, Oregon City - NWVRS Meeting
Jan. 13 - CO, "Call" - CRC Meeting
Jan. 13 - NM, Albuquerque - NMRCC Meet
Jan. 14 - GA, Norcross - SARS Meeting
Jan. 15 - CA, Shingle Springs - CHR5-Sac Mtg
Jan. 16 - OH, Columbus - COARA Meeting
Jan. 16 - OH, Cincinnati - CARS Meeting
Jan. 17 - OK, Tulsa - HLARA Meeting
Jan. 18 - NY, Highland Falls - HARPS Meeting
Jan. 19 - OH, Burbank - Estes Auctions
Jan. 19 - TX, Kyle - TARC Meeting
Jan. 19 - TX, Irving - VRPS Meeting
Jan. 20 - MD, Davidsonville - MAARC Meeting
Jan. 20 - TN, Memphis - MARC Meeting
Jan. 20 - WA, Seattle - PSARA Meeting
Jan. 21 - FL, Jacksonville - JARS Meeting
Jan. 26 - OH, Columbus - COARA Show
Jan. 26 - TX, Houston - HVRA Meeting
Jan. 27 - NY, Schenectady - SARC Meeting
Jan. 27 - WI, Milwaukee - WARC Meet
Jan. 28 - AL, Birmingham - AARC Meeting
Feb. 1-2 - TX, Houston - HVRA Convention
Feb. 2 - CA, Berkeley - CHR5 Swap Meet
Feb. 2 - MI, Farmington Hills - MARC Meet
Feb. 2 - WA, Seattle - REPS Meeting
Feb. 3 - IL, Carol Stream - ARCI Swapmeet
Feb. 3 - NY, Seaford - GNYVWA Meeting
Feb. 5 - OH, Dayton - ARCO Meeting
Feb. 7 - AR, Fort Smith - ARCC Meeting
Feb. 8 - NJ, Princeton - NJARC Meeting
Feb. 9 - IN, Beech Grove - IHRS Winter Meet
Feb. 9 - OK, Oklahoma City - OKVRC Meeting
Feb. 9 - OR, Oregon City - NWVRS Meeting
Feb. 10 - NM, Albuquerque - NMRCC Meet
Feb. 11 - GA, Norcross - SARS Meeting
Feb. 12 - MO, Kirkwood - ARCH Meeting
Feb. 12 - NC, Greenville - ECARC Meeting
Feb. 12 - OH, Kettering - SPARK Meeting
Feb. 12 - PA, Telford - DVHRC Meeting
Feb. 14 - AR, "Call" - AARC Meeting
Feb. 16 - TX, Irving - VRPS Meeting
Feb. 17 - MA, Westford - GBARC Radio XXXIX
Feb. 17 - MD, Davidsonville - MAARC Meeting
Feb. 17 - TX, Schertz - TARC Meeting
Feb. 17 - WA, Seattle - PSARA Meeting
Feb. 18 - FL, Jacksonville - JARS Meeting
Feb. 21 - OK, Tulsa - HLARA Meeting
Feb. 23 - OH, Burbank - Estes Auction
Feb. 23 - TX, Houston - HVRA Meeting
Apr. 25-26 - IN, Kokomo - IHRS Spring Meet
May 3 - IA, Cedar Rapids - IARCHS Auction
Aug. 2 - OH, Dayton - SPARK Swap Meet

TEXAS - Jan. 19

VINTAGE RADIO & PHONOGRAPH SOC. MEETING

Irving, TX - Senter East Building
9 am - 12 Noon

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

MARYLAND - Jan. 20

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Davidsonville, MD - Davidsonville Rec Center
3727 Queen Anne Bridge Road

Flea Market: 9 am - Auction: Noon
Info: Geoff Shearer - (703) 818-2686
www.maarc.org

TENNESSEE - Jan. 20

MEMPHIS ANTIQUE RADIO CLUB MEETING

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

Info: Ray Eaton - (731) 989-7089
marc_memphisantiqueradioclub@hotmail.com

WASHINGTON - Jan. 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 - Jan. 21

JACKSONVILLE ANTIQUE RADIO SOC. MEETING

Jacksonville, FL - Countryside Village
Clubhouse, 10960 Beach Blvd. • 7:30 pm
Info: Sean Olin - (904) 386-8332
www.jarsradioclub.com

OHIO - Jan. 26

CENTRAL OHIO ANTIQUE RADIO ASSN. SHOW & FLEA MARKET

Columbus, OH - Northeast Career Center
3871 Stelzer Rd.

I-270, Exit 33 Easton Way to Stelzer Rd.
Dealers: 7 am - Public: 7:30 am - 12 Noon
Info: Tom Flack (614) 538-9293
Chuck Davis (614) 792-6237
chucksued@sbcglobal.net

TEXAS - Jan. 26

HOUSTON VINTAGE RADIO ASSOC. MEETING

Houston, TX - Bayland Park Comm. Ctr.
6400 Bissonnet at Hilcroft

9:30 - 12 Noon

Info: Bill Werzner - (713) 721-2242
mingqi53@sbcglobal.net
www.hvra.org

CALIFORNIA - Feb. 2

CALIFORNIA HISTORICAL RADIO SOC. SWAP MEET

Berkeley, CA - KRE Building
601 Ashby Ave.

9 am

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

NEW YORK - Jan. 27

SCHENECTADY ANTIQUE RADIO CLUB MEETING

Schenectady, NY - Schenectady Museum &
Planetarium
Knott Terrace

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

Info: David Eilers - (518) 237-2665
http://dadellers.tripod.com/

MICHIGAN - Feb. 2

MICHIGAN ANTIQUE RADIO CLUB WINTER SWAP MEET

Farmington Hills, MI - Costick Center

9 am - 3 pm

Info: Rob Murrell (248) 399-2149
www.michiganantiqueradio.org

WISCONSIN - Jan. 27

WISCONSIN ANTIQUE RADIO CLUB SWAP MEET

Milwaukee, WI - 5917 S. Howell
Near Airport

8 am - 12 Noon

Info: Bill Engaas - (262) 786-8183
engaas@milwpc.com

WASHINGTON - Feb. 2

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Ann Library
400 W. Garfield

2 pm

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

ALABAMA - Jan. 28

ALABAMA ANTIQUE RADIO CLUB MEETING

Birmingham, AL - Alabama Power Building
Parkway East

7 pm

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

ILLINOIS - Feb. 3

ANTIQUERADIO CLUB OF ILLINOIS INDOOR SWAP MEET

Carol Stream, IL - American Legion Hall

7 am - 9:30 am

Info: www.antique-radios.org
clubinfo@vintage-radios.org

TEXAS - Feb. 1-2

HOUSTON VINTAGE RADIO ASSOC. 29TH ANNUAL CONVENTION

Houston, TX - Greenspoint Marriot Hotel
255 N. Sam Houston Pkwy E

Equipment Contest, 3 auctions,
Banquet and Swap Meet

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

NEW YORK - Feb. 3

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET & MEETING

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

8 am - 1 pm

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

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learn, meet others in the hobby,
and perhaps find an item or two
for your collection!*

**Submission Deadline for
February issue is Jan. 5
March issue is Feb. 5**

OHIO - Feb. 5

ANTIQUÉ RADIO COLLECTORS OF OHIO MEETING

Dayton, OH - 2929 Hazelwood Ave.
7 pm

Info: Karl Koogle - (937) 294-8960
karlkrad@genmair.com

ARKANSAS - Feb. 7

ANTIQUÉ RADIO COLLECTORS CLUB OF FORTH SMITH MEETING

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

7:30 pm

Info: Paul Tucker - (479) 782-8178

NEW JERSEY - Feb. 8

NEW JERSEY ANTIQUÉ RADIO CLUB MEETING

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

7:30 pm

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

INDIANA - Feb. 9

INDIANA HISTORICAL RADIO SOCIETY SWAP MEET

Beech Grove, IN - Hornet Park Comm.
Center - I-465 S, Exit 52, N on Emerson
3 blocks from Hornet Ave.

7 am - 12 Noon

Info: Fred Prohl - (812) 988-1761
Dr. Ed Taylor - (317) 638-1641
www.indianahistoricalradio.org

OKLAHOMA - Feb. 9

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/>

Clubs, have you set date(s) for your 2008 annual major meets/shows/conventions? Submit them now for listing in Mark Your Calendar.

OREGON - Feb. 9

NORTHWEST VINTAGE RADIO SOCIETY MEETING & TAILGATE SWAP

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

Tailgate: 8:30 am - Meeting: 10 am

Info: www.nwvrs.org

NEW MEXICO - Feb. 10

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>

GEORGIA - Feb. 11

SOUTHEASTERN ANTIQUÉ 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

MISSOURI - Feb. 12

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

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

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

Info: Derek Cohn - (314) 725-2333

vibroplex@mindspring.com

NORTH CAROLINA - Feb. 12

EAST CAROLINA ANTIQUÉ RADIO CLUB MEETING

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

7 pm

Info: Herman Schnur - (252) 752-2264

NOTE: The "Coming Radio Events" pages are tabulated from the best information available to A.R.C. However, changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.

OHIO - Feb. 12

SOCIETY FOR THE PRESERVATION OF ANTIQUE RADIO KNOWLEDGE (SPARK) MEETING

Kettering, OH - Parkview Comm. Center
4100 Glenheath

7:30 pm

Info: Jeff Bothwell - (937) 854-7106
jbothwell@butlertownship.com

PENNSYLVANIA - Feb. 12

**DELAWARE VALLEY HIST. RADIO CLUB
MEETING - SWAP - AUCTION**
Telford, PA - Telford Community Building
Hamilton & Hamlin

7:30 pm

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

ARKANSAS - Feb. 14

ARKANSAS ANTIQUE RADIO CLUB MEETING

Call for location and directions

7 pm

Info: Tom Burgess - (501) 455-0773

TEXAS - Feb. 16

VINTAGE RADIO & PHONOGRAPH SOC. MEETING

Irving, TX - Senter East Building
9 am - 12 Noon

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

MASSACHUSETTS - Feb. 17

**GREATER BOSTON ANTIQUE RADIO
COLLECTORS - RADIO XXXIX**
Westford, MA - Westford Regency Inn
I-495, Exit 32, West on Rt. 110 for .4 mi.
8 am - 12 Noon

For Hotel reservations: 800-543-7801

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

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

MARYLAND - Feb. 17

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Davidsonville, MD - Davidsonville Rec Center
3727 Queen Anne Bridge Road

Flea Market: 9 am - Auction: Noon

Info: Geoff Shearer - (703) 818-2686
www.maarc.org

TEXAS - Feb. 17

TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX - VFW Hall

2:30 pm

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

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

WASHINGTON - Feb. 17

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. 18

JACKSONVILLE ANTIQUE RADIO SOC. MEETING

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

7:30 pm

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

OKLAHOMA - Feb. 21

HEARTLAND ANTIQUE RADIO ASSOC. MEETING

See Website for meeting location

7 pm

Info: Dan Wellacher - 620 Spunky Rd.
Catoosa, OK 74015

www.hlara.org

MENTION A.R.C. WHEN CONTACTING CLUBS!

Always Updating Club List

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

OHIO - Feb. 23

ESTES AUCTIONS RADIO AUCTION

Burbank, OH - Expo Auction Center
8157 Garmon Rd., Exit 204 off I-71 • 10 am
Info: (888) 769-4992 - Fax: (330) 769-4116
estesauctions@aol.com
www.estesauctions.com

TEXAS - Feb. 23

HOUSTON VINTAGE RADIO ASSOC. MEETING

Houston, TX - Bayland Park Comm. Ctr.
6400 Bissonnet at Hilcroft
9:30 - 12 Noon
Info: Bill Werzner - (713) 721-2242
mingqi53@sbcglobal.net or www.hvra.org

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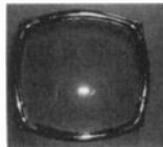
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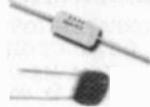
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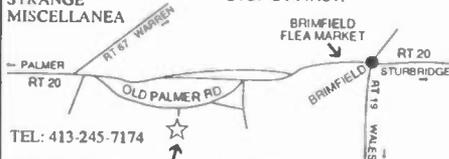
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Transistor Radio Books

Price Guide



Transistor Radios: 1954-1968 by Norman Smith. *Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. 460+ color photographs and price guide. 8 1/2" x 11". 160 pgs. Softcover - \$29.95*



Price Guide

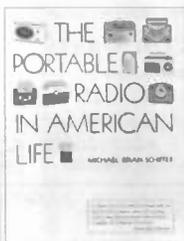


Novelty Radio Handbook & Price Guide by Debby Weaver. *Over 600+ color photos, display wildly varied novelty transistor radios, 8 1/2" x 11". 160 pgs. - \$29.95*



Price Guide

Collector's Guide to Novelty Radios by Marty Bunis & Robert Breed. *This book is the source for novelty transistor radios in all shapes and sizes. Radios are described in detail with current prices. Over 600 color photographs. 8 1/2" x 11". 224 pgs. Softcover - \$18.95*



The Portable Radio in American Life by Michael Schiffer. *Approximately 50 pages on transistor radios, beginning with the Regency TR-1 through to the later sets made overseas. 450 photographs, 193 transistor radios pictured. 8 1/2" x 11". 259 pgs. Softcover - \$27.95*



Price Guide

Zenith Transistor Radios, Evolution of a Classic by Norman Smith. *A complete listing of all transistor radio models created by Zenith during the Magic Years from 1955-65. 200+ color photographs and price guide. 8 1/2" x 11". 160 pgs. Softcover - \$29.95*

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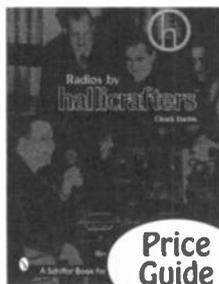
(#6-Jan08)

Amateur Radio Books



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

Radios by Hallicrafters, 2nd Ed. by Chuck Dachis. *This book includes over a thousand photographs (b/w & color) of radio receivers, transmitters, electronics accessories and advertising material. Technical descriptions are provided for every known Hallicrafters model, including dates of production, model numbers, accompanying pieces and original prices. This 2nd edition includes additional coverage of receivers and updated pricing. 8 1/2" x 11", 225 pages. Softcover. — \$29.95*



Price Guide



A Pictorial History of Collins Amateur Radio Equipment by Jay Miller. *The most complete story of Collins. Told in hundreds of photos & in the words of the men who made it happen. — \$39.95*

Ham Price Guide, 2nd by Eugene Rippen. *Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 8 1/2" x 11", 81 pages. Softcover. — \$10.95*



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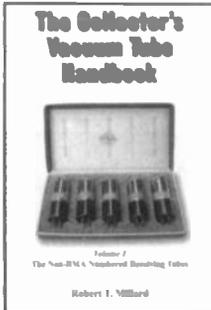
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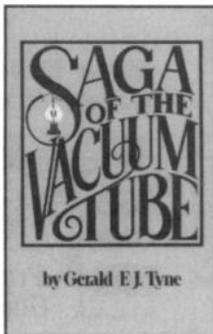
Books About Tubes

Tube Lore, Sibley. *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales.* 186 pgs. — \$19.95



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

Radio Tubes and Boxes of the 1920s, Fathauer. *A pictorial presentation of radio tubes of the 20s, including packaging and advertising. Over 400 color photos and illustrations.* 105 pgs. — \$26.95



Saga of the Vacuum Tube, Tyne. *The development of vacuum tubes — 1880 to 1930. From Edison, Thomson and Fleming to DeForest, Philips, Siemens and many more.* 100+ tube photos. 495 pgs. — \$18.95

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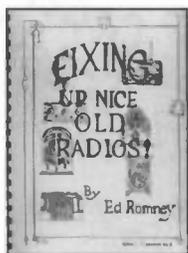
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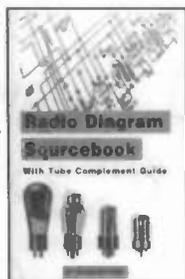
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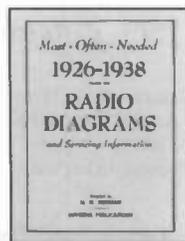
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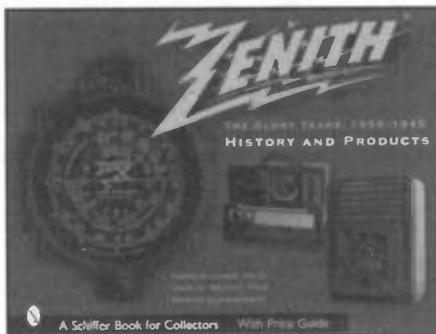
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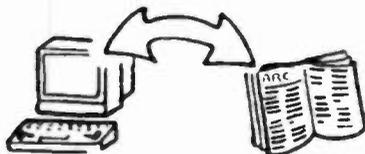
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