

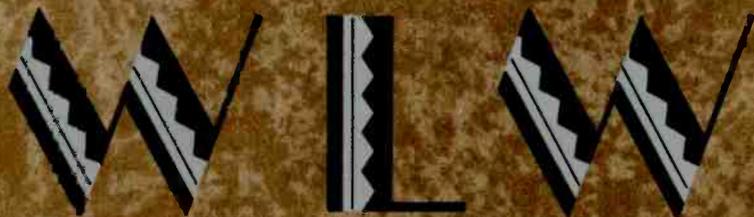
A.R.C.'s 100th ISSUE!

# ANTIQUE RADIO CLASSIFIED

VOLUME 9

NOVEMBER 1992

NUMBER 11



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

## ANTIQUE RADIO CLASSIFIED

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

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

### CONTACTING ANTIQUE RADIO CLASSIFIED.

All correspondence should be sent to:  
**A.R.C., P.O. Box 2, Carlisle, MA 01741.**

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Unfortunately, A.R.C. is not staffed to answer letters

with questions about antique radios or requests for advice. However, A.R.C. does solicit letters of interest to its readers and publishes them as space permits. A.R.C. assumes that permission is given to edit and to publish all correspondence and articles received unless otherwise indicated.

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

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

All advertising must be prepaid; see "Payment" paragraph above. Late ads will be run only if space and time permit. Since artwork is reduced to 63% in the printing process, originals must be the artwork size listed below. Do not send in artwork on art board or send negatives. Ads should be typeset or typed neatly with a carbon ribbon, black printing on white. No reverse type if A.R.C. is to make up the ad. If you want us to prepare your ad, include the one-time cost below for A.R.C. to make up the ad.

Photos should be at an 85 line screen; otherwise, add \$10.00 per photo for screening. Do not cut or trim photos or glue photos to artwork; submit separately.

If you are confused by these requirements and terms,

Page	ARTWORK SIZE (SEND IN THIS SIZE)		As Printed (size in magazine)		Cost for 1-month	Cost for 2-months	Cost for 6-months	One-time Cost for A.R.C. to make up Ad (if requested)
	H x W (inches)	x	H x W (inches)	x				
Full	12 3/16 (or 10 1/2)	x 7 1/2	7 3/4 (or 6 5/8)	x 4 3/4	\$169.00	\$455.00	\$799.00	\$55.00
1/2 H		5 1/4 x 7 1/2	3 5/16 x 4 3/4		85.00	230.00	399.00	28.00
1/2 V	12 3/16 (or 11 13/16)	x 3 9/16	7 7/16 x 2 1/4		85.00	230.00	399.00	28.00
1/4		5 1/4 x 3 9/16	3 5/16 x 2 1/4		43.00	116.00	199.00	14.00
1/8		2 5/8 x 3 9/16	1 5/8 x 2 1/4		22.00	60.00	99.00	7.00
Business Card		2 x 3 3/4	1 1/4 x 2 3/8		not avail.	31.00	55.00	5.00

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We assume that advertisers want all ads which are submitted to run without delay; therefore, we will run the ad and bill for any additional work required for the ad to meet these specifications. A late ad will be run beginning with the next month. "Tear sheets" will be sent only for 1/2 and full page ads, and if requested when the ad is submitted.

Business card ads are limited to one per advertiser.

The 3-month rates represent about a 10% discount, the 6-month rates, 20%. Placement requests for display ads: add 15% but call first. Clubs: write for discount policy.



## EDITOR'S COMMENTS

A.R.C. celebrates its 100th issue with a striking black and silver cover, reproduced from a 1930s WLW brochure. Station WLW in Cincinnati, Ohio, was owned by the Crosley Corporation, which marketed airtime with this brochure. Operating on 500,000 watts for a short time, WLW received commendations from listeners around the world, according to this brochure. Our lead article about WLW, written by A.R.C. staff member Dorothy Schecter, ties in well with Philip Whitney's interesting article about what radio listening was like in 1925.

As WLW was the leading station in the 1930s, so A.R.C. is the leading publication for radio collectors in the 1990s. Our annual *Statement of Ownership, Management and Circulation* (required for magazines by the U.S. Postal Service) is printed below and shows that our circulation for the September 1992 issue was 7,461 — an increase of 453 from a year ago.

One hundred issues ago, in June 1984, a free sample copy of A.R.C. was mailed to collectors across the U. S. By the time the second issue was mailed, in September 1984, 440 enthusiastic collectors had signed up; 303 are still diehard subscribers today! With a current subscriber count of over 7,500, A.R.C.'s growth since 1984 has been extraordinary. Judging from the many kudos in our incoming mail, we feel confident that this growth will continue.

The report on the 1992 Antique Wireless Association (AWA) Annual Historical Radio Conference highlights five days of flea market, auctions, seminars, contests, kibitzing and visits to the AWA museum — all enjoyed by 1,000-plus collectors. The auction total was about \$41,000. An early wireless item, a Mark III WWI crystal set, not all original, sold for \$1,900. Photos are included from the auction, the Old Equipment Contest and the flea market.

Arthur Harrison contributes a *Home Brewing* article this month. Since early board crystal sets are rare and expensive, Arthur decided to reproduce similar sets from authentic components. He offers many small details that are very important to anyone involved in board crystal set projects.

Charles Conte began his collecting of radios with a Bakelite set he remembers from his boyhood days. This set sparked his passion for radio and remains a treasured possession.

The response was overwhelming to the Faragos' questions on radio and power in the May 1992 issue. Ray Bintliff took on the task of combining the answers in the article included in this issue.

Welcome contributions from our readers are featured in our regular *Radio Miscellanea* and *Photo Review* sections.

**Renew Now and Save!** Another reminder that our subscription rates must be increased on January 1. Call or write to renew/extend your subscription at the current rates to avoid the increase. Advertising rates will be increased also, in order to spread the financial burden more fairly.

With the holiday season approaching, club activity is moderating. The full list of clubs in the U. S. is printed this month, so try to find a nearby club to join. No doubt about it — club activities are the best way to learn about the details of collecting old radios.

Happy collecting.

John V. Terrey

## ON THE COVER

The cover illustration is from a handsome 1930s brochure for the Crosley Corporation radio station WLW. For our 100th issue celebration, we have tried to reproduce the color and excitement of the original. (From the Editor's collection)

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10.	Extent and Nature of Circulation	Average No. Copies Each Issue During Preceding 12 Months	Actual No. Copies of Single Issue Published Nearest to Filing Date
A.	Total No. Copies (Net Press Run)	8478	8902
B.	Paid and/or Requested Circulation		
1.	Sales through dealers and carriers, street vendors and counter sales	0	0
2.	Mail Subscription (Paid and/or requested)	7208	7461
C.	Total Paid and/or Requested Circulation (Sum of 10B1 and 10B2)	7208	7461
D.	Free Distribution by Mail, Carrier or Other Means (Samples, Complimentary, and Other Free Copies)	768	957
E.	Total Distribution (Sum of C and D)	7975	8418
F.	Copies Not Distributed		
* 1.	Office use, left over, unaccounted, spoiled after printing	503	486
2.	Returned from News Agents	0	0
G.	Total (Sum of E, F1 and 2 — should equal net press run shown in A)	8478	8902
11.	I certify that the statements made by me above are correct and complete.	Signature and Title of Editor, Publisher, Business Manager, or Owner <i>John V. Terrey, PUBLISHER</i>	

# VINTAGE BROADCASTING

## WLW — “The Nation’s Station”

BY DOROTHY A. SCHECTER

*The information in this article was taken from an elaborate 1930s Crosley Corporation brochure about WLW, Cincinnati. The brochure illustrates the advertising style of big corporations like Crosley in pursuit of customers for radio air time. (Editor)*

WLW — “So tremendous, so vital, so swiftly changing is the nation which it serves, that the story of this great station must be a saga of change, a paeon [paeon] of progress to tell how it reaches out toward each tomorrow, ready to meet the ever increasing demands of its audience.”

So says a 1930s Crosley Radio Corporation brochure which touts the advantages to prospective clients of WLW broadcast advertising as a means of selling their wares. The “pitch” is both similar to and different from today’s advertising — similar in its exaggerated tone; different in its sophisticated vocabulary. But, the aim is the same — to sell a product — in this case, radio advertising time on WLW, Cincinnati, Ohio.

In design, the brochure has an elegance that would appeal to an upscale audience. Twenty-six illustrations and thirty-five reproductions of testimonial letters make each page visually interesting, while detailed text accompanies the pictures. The purely Art Deco cover, reproduced on A.R.C.’s cover, has an embossed brown leather look. The whole effect is “class.”

With this marketing tool, the Crosley Corp. obviously targeted “Big Business” and sought to live up to its claim that WLW was “the most popular broadcasting station in the nation, with the greatest coverage in the world’s richest market.” On one page, Powell Crosley, Jr., the president of the Crosley Radio Corp., is pictured hailing the success of WLW and stating the obvious — that “WLW has at all times the 100% support” of his \$6,000,000 organization.

### NEW FACILITIES

A prospective client had to be dazzled by pictures of WLW’s grand facilities on the 8th floor of

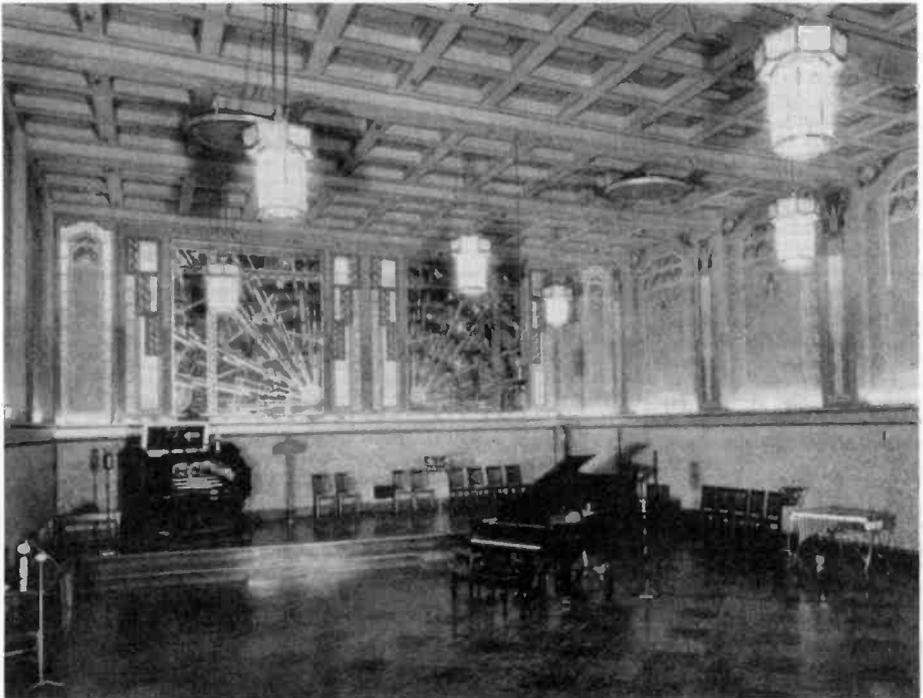


Figure 1. The spacious Studio A on the 8th floor of the new Crosley Corp. Building.



Figure 2. WLW's old single studio.

Crosley's new factory and office building. Lined completely with felt, the five large studios were "entirely vibrationless and sound proof"; in fact, they "floated in this felt." Studio A, shown in Figure 1, displays the ultimate in luxurious appointments — spacious enough for a full symphony orchestra, "ample enough to accommodate the most pretentious program" and "exquisitely decorated, evenly lighted...supplied constantly with fresh washed air." A picture of WLW's old, single studio, shown in Figure 2, is in stark contrast to the elegant new ones.

WLW's technical prowess is demonstrated in the latest microphones, the private control room attached to each studio and maintained by a "skilled technician," and the master control room manned by "specially educated radio engineers." A special viewing room allows the client to hear and see his program as presented over the air. Furthermore, the client is assured of a personalized approach to his program, with "only the very best artists" chosen to represent his product.

The brochure implies that WLW retained a large corps of fine musicians who had "refused offers to play with symphony orchestras." In addition, a "staff of versatile organists" presided over the splendid organ that was specially constructed for broadcasting. No union could have controlled these artists' hours because the brochure claims that "only after the most exhaustive rehearsals" was a musical program permitted on the air.

#### BEHIND THE SCENES

WLW's advanced technology is the subject of another chapter of the brochure — "Fifty thousand watts, 100% modulation, and a cleared chan-

nel make WLW the bright spot on the dial." A picture of radio amplifying tubes, shown in Figure 3, supports the claim of a "fortune" invested in tubes — the price tag of each was \$650.

A giant 50,000 watt transmitter, shown in Figure 4, had been built 25 miles from Cincinnati and had solved the problem of static which interfered with programming. The transmitter was powerful enough to "ride over" the huge amount of electrical interference in the air. The brochure claims that listeners had written letters of commendation to WLW from as far away as New Zealand.

Finally, specialists in "radio technique" were available to prospective clients. WLW had a built-in "Madison Ave." staff — a seemingly full-scale advertising agency. A "Merchandizing Research Department" advised on the most effective approach to selling a particular product. A "Program Building Department" analyzed the product, its distribution, and its current advertising methods. In turn, the "Continuity Service" helped the client to sell his product convincingly and entertainingly. Other services included the "Artists and Repertoire Bureau" and the "Publicity and Press Relations Department."

#### NATIONAL COVERAGE

WLW claimed to do "in one hour what it takes weeks to accomplish with other media." Complete national coverage gave the client "more listeners per dollar" and "while the advertising rate may be the highest, the listener cost is the lowest."

Today, we are inundated with polls, but they  
(Continued on following page)

(WLW, continued)

are nothing new. In the 1930s, WLW was hard at the polling process — known then by more genteel terms, such as “surveys” and “inquiries.”

Surveys to determine listener interest in the station and in various types of programming were conducted regularly. The offer of a booklet, “Behind the scenes at WLW,” prompted 12,818 requests from the U. S., Canada, and “12 remote areas outside of the U. S.” Twenty-five percent of those who received the booklet responded to its questionnaire. The tabulated answers expressing listeners’ reactions to radio entertainment were made available to prospective clients.

Clients, in turn, reported success in getting mail response from broadcast offers. In fact, a major section of the brochure entitled “Big Business Buys WLW Time” is composed of 32 pages of testimonials by companies largely from the eastern half of the U. S. An example of high praise came from the Producers Co-Operative Commission Association, sponsor of WLW Stock Market Reports. This service enabled association members to keep in touch with “live stock markets.”

“Live” was certainly the word for it. WLW placed a microphone in the Cincinnati Stockyards to keep farmers posted on prices the minute they were

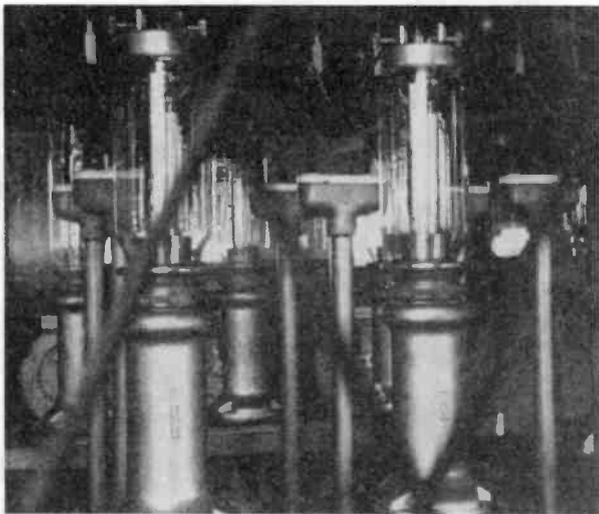


Figure 3. “Each giant tube costs six hundred and fifty dollars.”

quoted. One can’t help wondering how the lucky reporter felt about this aromatic assignment.

A grand total of 170 clients is listed on the final page. Everything from shoes, iron, oil and toothpaste to seeds and watches is represented. Names, still familiar, appear on the list — Sears Roebuck, Chrysler, Singer Sewing Machine, Pepsodent, Bulova, American Cyanimid, Standard Oil, etc.

It is clear that the prospective WLW client would find, the brochure claims, “enough between these covers to be convinced that his advertising dollar, to yield 100% return, cannot ignore the greatest single advertising medium in the world, WLW.”

It is also clear that hyperbole was the name of WLW’s advertising game — and that times have not changed, except in the power of today’s technology to disseminate advertising to every nook and cranny of our lives, rather than simply to send an elegant brochure for our reading pleasure.

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

Before joining A.R.C.’s editorial staff two years ago, Dorothy Schecter did not know that radio collectors existed. Now she is fully aware of the importance of breadboards, Catalins, Bakelites and all the other treasures that set the hearts of collectors afire. Before long, you may see her ads in A.R.C., and you’ll know that she has fully succumbed to our radio addiction.

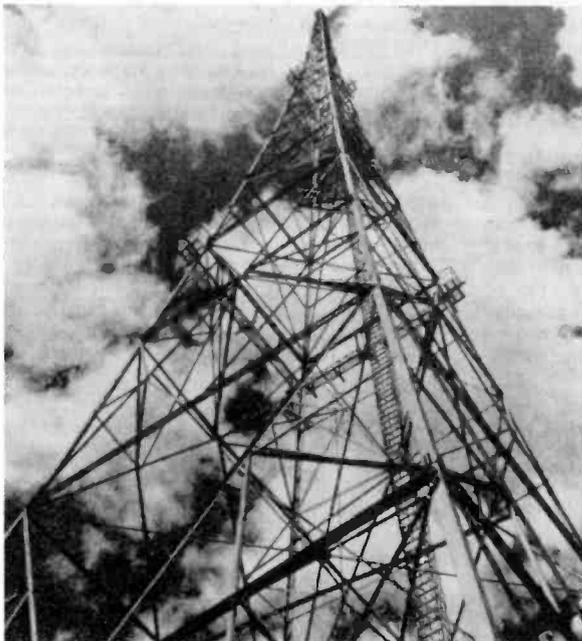


Figure 4. WLW’s giant 50,000 watt transmitting tower.



# RADIO MISCELLANEA

"Antique Radio Classified" invites its readers to contribute letters and information for inclusion in "Radio Miscellanea" and elsewhere in the magazine. The topic should be of general interest and sent to A.R.C., P.O. Box 2, Carlisle, MA 01741. All material submitted should be verified for accuracy and may be edited for publication, which is not guaranteed. See the masthead for more details.

## On Selling Radios Without Tubes

Dear Editor:

Why are so many people offering old radios with no tubes? When [the old radios] quit, people didn't say, "Oh, we must remove the tubes and store the radio in the attic or basement." I'm kind of new to this field, but it seems to me that maybe the couple of bucks you get for a used tube might be better added back into the radio you want to sell.

I collect lots of stuff, but I don't see clock collectors taking hands off or gun collectors taking locks off to sell them separately. Sure, tubes were extra when you bought your 1925 Acme TRF, but if they are in the radio when you find it at this auction, flea market, garage sale or garbage heap, why not leave them in the radio?

Thanks for a good publication that could be expanded with a few more how-to-do articles. There are a lot of us out there who are not going to pay \$40-\$50 to someone to fix our \$5 radios that we can sell for \$60 when we are done. We have a growing field for many, many people who are looking for help. Run the how-to-do stuff without the prerequisite for a degree in electronics for us to understand.

Herman Hoopes, Mine Hill, NJ

*Tubes often are not included with battery sets, many of which are priced well under \$100, mainly because tubes can, in some cases, be worth more than the set itself. For example, tubes for a 6-tube, 3-dialer can add \$30 or more to its price, and the four WD-11s for a Radiola 3A themselves are worth over \$100. Many collectors use dud (burnt-out) tubes in their sets for display purposes and move a good set of tubes between radios when they wish to hear them play.*

*A.R.C. runs frequent articles on both electrical and cabinet repair. We also recommend two books: "Old-Time Radios! Restoration and Repair" by Carr, and "Fixing Up Nice Old Radios" by Romney, which are available from A.R.C. and its advertisers. (Editor)*

## Where to Find Bus Bar Wire

Dear Editor:

Here is a hint for antiquers building '20s vintage radios. Old-fashioned tinned round bus bar wire is available from stained glass supply houses. It comes in straight 2-foot lengths and sizes from 22 to 12. Costs about 20 cents a stick. Back in the '20s it was 2 or 3 cents each.

R.L. Oberholzer, North Cape May, NJ

## More on Left-Handed Radios

Dear Editor:

In reference to Ron Boucher's article in the April 1992 A.R.C. on "Left-Handed Radios," I have a couple of sets from my collection to add to the roster of "Lefties."

(1) Airline 64BR-1808A (made by Belmont).

References:

*Radios of the Baby Boom Era, Vol. 1, p. 110.*

*Guide to Old Radios, p. 107.*

(2) Hallicrafters Sky Buddy S-19-R.

References:

*A Flick of the Switch, p. 227.*

*Communication Receivers, p. 36.*

*The Hallicrafters Story, p. 69.*

I could not help noticing that Hallicrafters made several "Lefties" in both the pre- and post-World War II eras; for example, S-1, S-9, SX-9, S-20, S-21, RE-1 Sky Courier and S-40, S-51, S-72.

Doug Burskey, Mansfield, OH

## Litz Wire Problem

Dear Editor:

How does one solder Litz wire such as found on older headphones, speakers, etc.?

William H. Ross, Winnetka, IL

## Info on Conductive Coating

Dear Editor:

A reader wanted info on conductive coating. A conductive coating for remote key pads is available from Wisconsin Electronic Equipment Corp., 2805 University Ave., Madison, WI 53705-3643. It comes in a small glass bottle. Cost is \$8.99 ppd.

LeRoy Gorman, Holly Hill, FL

## Marconi Center Seeks Donors

Dear Editor:

Marconi Conference Center opened in 1990 as a nonprofit conference center and a California State Historic Park. This site was originally one of Guglielmo Marconi's 400 wireless receiving stations and is the only one being preserved as an historical site...We would like to give your readers the opportunity either to contribute to our collection of antique radios and wireless equipment or to place such pieces on permanent loan for exhibit in the Marconi Museum...They would be enjoyed by countless visitors from all over the world...Contact Wayne Zion, the Marconi Conference Center, P.O. Box 789, Marshall, CA 94941. Telephone: 415-663-9030. Fax: 415-663-1731.

Wayne Zion, Marshall, CA

# WITH THE COLLECTORS

## Radio Broadcasting in 1925

BY PHILIP WHITNEY

The year 1925 was a good one for radio "fans." It was five years after the birth of broadcasting in 1920 when KDKA had come on the air for Westinghouse Electric and Manufacturing Company in Pittsburgh, and four years before the crash and depression.

Station licensing was in the hands of the Department of Commerce, headed by Herbert Hoover. In that year a tobacco company in Richmond, Virginia, applied for a station license and was rejected because there were already too many stations! With a little political pressure from a senator, the company was granted a license. Eventually, the station — WRVA — became that state's only 50,000 watt AM station.

Many of the early stations were owned by churches which broadcast services only on Sundays. Others were built by electric companies which needed local stations in order to sell radio sets. A few were built by newspapers to broadcast the headlines; they then sold the papers for "in-depth" coverage. A few, such as WPG in Atlantic City, were erected by cities to advertise their vacation facilities. The call letters "WPG" stood for "World's Play Ground."

Some stations were built to help sell radio receivers. For example, WDBJ in Roanoke, Virginia, a powerful little 50-Watt station, provided the transmitter for the Richardson-Wayland Electric Corporation. When a customer came in to hear a radio, the salesman would turn on the transmitter and play a phonograph record which was heard on the new radio. If he liked the sound, the customer would buy the receiver.

In Chicago, Sears Roebuck wanted people to know that it was the largest store in the world, so its call letters were WLS for "World's Largest Store." Detroit put station KOP on the air and dispatched its police cars on 1150 Kc. WRR in Dallas dispatched both police and fire equipment. In Baltimore, the Fifth Infantry, Maryland National Guard, put WFBR on the air. Today, it is one of that city's leading stations.

KNT was on the air in Kukak, Alaska, while KYQ was Honolulu's station. The Boy Scouts of America operated WDBZ in Kingston, N.Y. WEEI in Boston, still one of that city's leading stations, has call letters which stand for "Edison Electric Illuminating."

Some stations lasted only a short time. The newspaper-owned station in Bluefield, West Virginia, went off the air suddenly when the engineer spilled battery acid on the boss' carpet. That was when the boss threw all the station equipment

out. Ironically, a station in the same size market recently sold for five million dollars. Does the Bluefield newspaper today remember that executive for his foresight?

### CROSLY'S STATION WLW

Powell Crosley, Jr., was a dynamic man who made a fortune in Cincinnati building radio re-

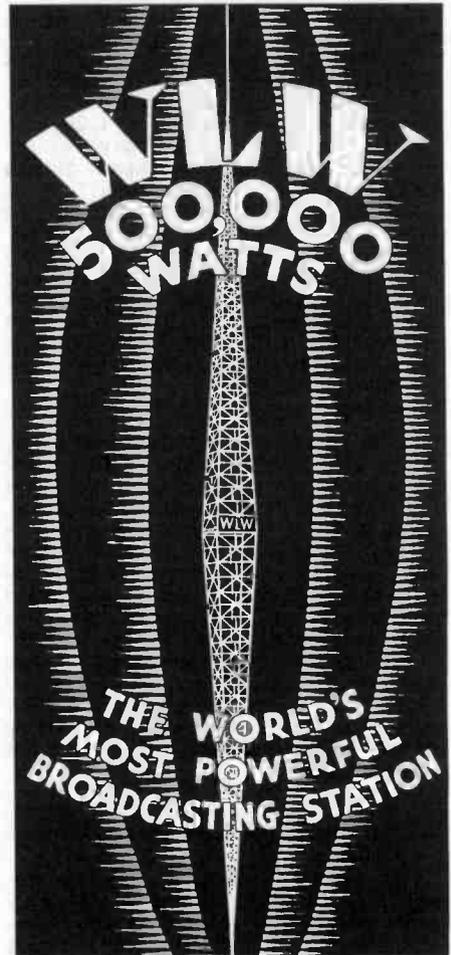


Figure 1. Copy of the color folder that Station WLW mailed to listeners in the 1930s.

ceivers, and then autos and refrigerators. He had what he called "The Nation's Station" on a clear channel with 50,000 watts. He also owned a second station in the same city, something which is no longer permitted.

Crosley went before the Federal Radio Commission with an idea of a very few super power stations serving wide areas of the country. Because he presented a convincing argument, the commission decided to see what ten times the power limit would actually do. As a result, Crosley received an experimental license to change WLW to 500,000 watts. It was an expensive project, and he was warned not to use the high power for economic advantage.

The station's modulation transformer stood as tall as the first floor, and cubicles of water-cooled power tubes occupied the walls of the transmitter room. The coaxial cable looked like a stovepipe. When the station went on the air, a neighbor's metal barn roof began arcing, and Crosley had to reroof the barn. The operator of nearby tourist cabins connected the cabins' lights between a short antenna and ground and reduced his electric bill. However, the tourists complained about the lights flickering with the music. WLW was lighting the area!

A few years later Crosley mailed out a color brochure touting his station as the world's most powerful; see Figure 1. The government felt that the station was taking a competitive advantage — a forbidden act — and told the licensee to go back to 50,000 watts like all the other high power stations in the country.

### PROGRAMMING

In 1925, there were 465 Class A stations in this country, but program listings would hardly gather high ratings in today's competitive industry. There were oil market reports, stock market reports, educational hints, and cooking schools of the air. Many artists performed because they wanted to be heard on the air, although few stations paid performers. WIP in Philadelphia scheduled "Ocean Music" each weekday afternoon for an hour. A microphone beneath the pier at Atlantic City picked up the sounds of the waves for this very low budget program. That hour must have been nap time for many.

A lot of mistakes were made when stations

broadcast live in those days before tape or even wire recorders. Some listeners tuned in just to hear what *wasn't* supposed to be on the air.

Most stations were on the air irregularly or on an on-again/off-again schedule. Few actually broadcast throughout the day and night at that time. Commercials were frowned upon, but slowly it was discovered that a radio station could be an enterprise in itself with profits. Eventually, the motivation for broadcasting changed.

### RECEIVING EQUIPMENT IN 1925

Receiver manufacturers and listeners increased by the thousands, and families spent \$150 for a radio at a time when \$15 a week was a good salary. Walnut cabinets with Bakelite panels graced many a table at home, but "A" batteries leaked and "B" batteries were expensive. Many buyers soon discovered that storage batteries ate carpets and ruined Type 199 vacuum tubes. Still, few homes could be without a radio.

In 1925, most receivers were of the regenerative type, and just one incorrectly operated regenerative set could block out everyone's reception in a small city. Some enterprising young people even put a "borrowed" telephone transmitter in series with the set's antenna, set the feedback control wide open and broadcast to the entire community.

Today, the thrill of owning one of those old sets brings back the excitement of the early years when father brought home a crystal set or a "squealer" regenerator with more dials than people had hands to turn. A single tuning dial with ganged condensers was a notable step ahead in radio's development. So were "battery eliminators" followed by completely AC sets. Now, with solid-state technology, the swing appears to be back to batteries again.

*(Philip Whitney, Rt. 2, Box 231, Stephens City, VA 22655)*

*Philip Whitney has held a federal radio license for 56 years and is still actively employed in broadcasting. He collects antique receivers, horns, and early tubes, as well as early radio publications. He is the author of several books, including a history of broadcasting for the state of Virginia, and many national magazine articles, mostly on engineering topics.*

## *Before Marconi...Naturally!*

What many people don't know is that a wireless message was first actually sent across 17 miles, from Virginia to Maryland, in 1868, or eight years before Marconi was born. A Washington, D.C., dentist conceived an idea which he tried when hostilities ceased in the Civil War. Before that, Washingtonians were not very welcome in the Confederate state of Virginia.

In 1866, Mahlon Loomis flew a kite with 600-foot wires at Bluemont, Virginia, in the Blue Ridge Mountains. His accomplice flew another at Point of Rocks, Maryland, 17

miles away. Loomis sent a wireless coded message over that path using "natural electricity." Sometimes, as his notes document, there was too much electricity!

Loomis secured a patent and then formed the "Aerial Wireless Telegraph Corporation." The franchise was signed by President Grant, but Mrs. O'Leary's cow kicked over a lantern in Chicago where most of Loomis' backers lived. The resulting fire suddenly made them bankrupt. Eventually Loomis died, and wireless had to wait to be reinvented.

# MEET AND AUCTION REPORT

## Antique Wireless Association 1992 Conference & Auction Report

COMPILED FROM REPORTS BY RAY CHASE, LUDWELL SIBLEY,  
LARRY BABCOCK AND JOHN TERREY

The Antique Wireless Association (AWA) held its thirty-first Annual Conference in Rochester, New York, September 23-26, 1992. Over 1,000 persons attended. The conference was held at the Thruway Marriott Hotel south of Rochester and featured over 225 active flea market spaces, 4 auctions, an old equipment contest, several seminars, and trips to the AWA Museum. Although rain dampened the unofficial Tuesday flea market opening day, beautiful weather graced Wednesday through Friday. A Saturday flea market rain-out brought additional attendees inside to hear the excellent seminars.

The AWA implemented a new flea market management scheme to ensure that space was available for all who had purchased flea market spaces in advance. In the past, individuals who paid for spaces sometimes were dismayed to find that there were none available. This year, spaces were preassigned, and although more spaces were set aside, many went unused. Some potential sellers stayed home because they had received a sold-out letter. The AWA assures A.R.C. that they have learned from this year's experience and that the procedure will be fine-tuned for next year.

This year, the conference theme was the General Electric Company. One half of the categories in the Old Equipment Contest was devoted to GE.

A.R.C. reports each year at length on this conference and its auctions for those of you who could not attend, as well as for those of you who were there but also want a record of the event. We include a listing of most of the auction items, plus photos from the Old Equipment Contest and the flea market. Additional information on conference activities appears in the November 1992 issue of the Antique Wireless Association's *The Old Timer's Bulletin*.

Auction sales for the four separate auctions — Vacuum Tubes, Literature, Radios/Miscellaneous Equipment and Communications Equipment —

**A warning:** Auction prices are not current values. 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.

totalled about \$41,000. Even though there was a 30 percent decrease in the number of items offered for sale, the total was down by only 20 percent. (A large number of items from a single estate inflated the auction totals last year.)

There were no *original* spherical Audions (an item whose price has been approaching \$1,000) in this year's auction; however, a replica went for \$150. The highlights of the vacuum tube auction were a Weagant valve selling for \$400 and a display of about 100 Western Electric tubes which sold for \$625.

In the Radios/Miscellaneous Equipment Auction, a nearly mint Hallicrafters SX-62A sold for \$305. Early battery gear commanded premium prices with DeForest, Firth, and Cutting & Washington sets selling for \$650 to \$1200. A Mark III set by Johnson & Phillips sold for \$1900. Two Atwater Kent breadboards were offered — one very nice Model 10C sold for \$800; the other, a Model 10A with wiring partially restored, failed to reach its \$650 minimum. There also were more recent sets offered — an Emerson AU 190 butterscotch Catalin set sold for \$790 and a Sparton blue-mirrored (glass chipped) Bluebird sold for \$1400.

This report represents a *selection* of the auction items. Deleted are some items in poor condition, items with inadequate description, and some items with low selling prices. In each category, items have been placed in alphanumeric order. The report is our best attempt to combine all information available to A.R.C.; however, no guarantee can be made for accuracy. Many thanks to those providing information for this auction report. (Editor.)

Note: e=excellent, vg=very good, g=good, f=fair, p=poor

### Vacuum Tubes.

Note: BB=Brass Base, TT=Tipped Tube, N.I.B.=New In Box, N.O.S.=New Old Stock

199s, all duds, misc., (27) .....	\$36
201s, etc., all OK, (16) .....	61
201s, etc., some broken, (4) .....	26
Arcturus 24s good fil, (3) .....	22
Arcturus 27s good fil, (3) .....	36
Arcturus 127s, OK, (2) .....	16
Arcturus blue tubes, (11), all good .....	62
Ballast tube 876 .....	7
Box odd tubes, (15±) .....	41
Box of 8 tubes, in orig. cartons .....	18
Box of misc. tubes, (25±) in cartons .....	14
Box of misc. tubes, CRT, lighthouse, trans., etc. ..	5
Box of old tubes .....	30



*Auctioneer and AWA President Bruce Roloson.*

Box of tubes, 201s, etc., good fil, (20) .....	110
Box of tubes, some old, (40) .....	42
Box of tubes, 199s etc., (12±), g.....	80
Box of tubes, 3B28 (6) & others, (14) .....	18
Box: Mullards, DeForest, etc., good fil, (8) .....	48
CF 185, fil OK .....	250
CG 38 161, open fil, very large trans. tube .....	27
Cooper Hewitt mercury arc rectifier, large .....	205
CRTs, 5", in box, (2) .....	13
Cunningham C11 in box .....	36
Cunningham C299s, good fils, (6) .....	30
Cunningham C300 in box, fil OK .....	11
Cunningham C301, (2) .....	10
Cunningham UV 301 BB TT in boxes, (2) .....	36
DeForest Audions, DVs, etc., (5), 3 good .....	37
DeForest DL-5, OK .....	18
DeForest DV series, display only, (3) .....	20
DeForest DV-5, fil OK .....	27
DeForest DV-2 in can, fil OK .....	51
DeForest DV-2 N.O.S. in can, g .....	36
DeForest DV-3, fil open .....	9
DeForest DV-5 in metal can, g .....	30
DeForest DVs (3) & Raytheon (1).....	29
DeForest VT21, open fil.....	55
Eimac 100TH transmitter tubes, (2) .....	21
Eimac tubes, (5) .....	14
Electric Enterprise EI, fil OK .....	1
European tubes AC and DC, fils OK, all dif., (5) .....	22
FP2, open fil, very large trans. tube .....	25
Geisler tube .....	160
German tubes, RV2P800, metal case, fil OK, (2) ...	14
Hitachi (type) magnetron, new .....	4
Light bulb display, 8 lamps, decorator type .....	70
Marconi Osram NT 90 w/socket, cracked, fil OK .....	210
Marconi Osram NT54 transmitter tube, large	240
Marvin 401 in box .....	16
Mercury rectifier, unknown .....	23
Moorhead (2), VT-1 OK, VT-2 open, & others (7) .....	.95
Moorhead solenoid, fil OK .....	220
Moorhead VT, open fil .....	25
Myers audion (open), tubular audion (open).....	50
Myers audion, OK, tubular audion, fil open.....	75
Myers, VTs, etc., duds, (6) .....	27
Ohmite 72 ohm dummy load.....	8
Phillips A21 miniwatt .....	9
Phillips E443 miniwatt, fil OK .....	4
Phillips A409 miniwatt, fil OK .....	7
Phillips E415 miniwatt, fil OK .....	8
Phillips A425 milli watt, fil OK .....	8
QRS tubes, (5), 2 in box, fil OK .....	100
Raytheon TV scanning tube .....	100
RCA display boxes (tube cartons), (6) .....	4
RCA neon tube, advertising item .....	240
RCA original metal tubes, mounted, (9).....	37



*These auction items are the Cutting & Washington Type 11A and the 3-piece Tribune Airphone receiver.*

RCA-Cunningham Type 50s, (2), globe, g .....	46
RK 20 loose base, else OK.....	9
SN4 glow tube (strobe?) .....	5
Speed triple twin 295, good fil .....	54
Spherical audion repro, g .....	150
Spherical audion repro, plate broken off.....	30
Transmitting tubes, (3) .....	16
Transmitting tubes, (4) .....	7
Transmitting tubes, mounted, large, (6) .....	55
Tubes & bulb, display only, (6) .....	19
Tubes, (10-12±) in cartons .....	26
Tubes, 3 boxes, late models .....	20
Tubes, 200s, 201s, etc., (20±) .....	59
Tubes, BB, (4) .....	20
Tubes, misc. receiving, (12).....	10
Tubes, octal & loctal tubes, (100), all good .....	30
Tubes, UV201 BB & others, (10-12±) .....	115
Tubes: Kellog, Myers, Davis, etc., open fils, (9) .....	50
Tubes: Moorhead VTs, Sodian S-13, etc. good fils, (6) .....	160



*Jerry Finimore (left) and his table of goodies.*

Tubes: Sodian S-13 in box & Welsh 501 .....	200
Tungar bulb in box, 30 amp .....	6
Tuning eye tubes, (6) .....	35
TV-1 in orig. pack, (4) .....	40
Type 24A in boxes, (4) .....	6
Type 26s, (3) .....	8
Type 27s, (6) .....	9
Type 810 w/socket, good fil .....	13
UHF tubes, (5) .....	5
UV-199, BB, TT, open fil, (4) .....	22
UV-201A, BB, OK .....	16

*(Continued on following page)*

(AWA Meet/Auction continued)

UV-203A in box.....	24
UV-200, BB, TT, (3), UV-201, BB (1) some broken?	26
UX-199 (2) & UV 199 (1), g.....	26
UX-199, open (12), 120 open (6).....	27
Volltron Type A, fil OK.....	20
VT 46A N.O.S. in box, (2).....	5
VT-1 (2) TT and gold buttons, condition ?.....	60
VT-90, (3).....	20
VT42A, (2) in box, N.O.S.....	5
WD-11, WD-12 and others, good fils, (8).....	140
WD-11, WD-12, Sodian & others, open fils, (9±).....	52
WD-12 BB, TT, open fil, (3).....	30
WD-12 BB, TT in box, N.O.S.....	30
WE 211E, good fil.....	26
Weagant valve, g.....	400
Welsh peanut w/box & wrapping.....	240
Western Electric 102D, good fil.....	30
Western Electric 102F, fil OK.....	10
Western Electric 211E, open fil.....	3
Western Electric 239A, WX 12, 101D, 201A, (2), WX 120, etc., (12±).....	50
Western Electric 251A large trans, open fil.....	20
Western Electric 276A, good fil.....	4
Western Electric 279A, large trans. tube, fil OK.....	40
Western Electric 300B, (3).....	310
Western Electric box of tubes.....	28



This Old Equipment Contest entry, a Marconi Model C294 C shortwave receiver operates either with a crystal or Audion detector.

Western Electric photocell 1A.....	32
Western Electric tubes, 4 display racks plus 2 boxes, most good, (97).....	625
Westinghouse W 857B, large, crack in glass.....	29
X-ray tube, rotating anode, large.....	35

#### Literature.

4000 Years of Television, 1940s book.....	\$17
A.R.C. issues, (58), early.....	25
ABCs of Vacuum Tubes, p.....	2
Admiralty Handbook of Wireless, 1931, p.....	20
ARC-5 trans. manual, repro.....	21
Big Business in Radio, first edition.....	30
Books, about (12).....	100
Box of books.....	55
Box of books, (25), vg.....	110
Box of books, books and catalogs, (30+), vg.....	130
Box of Radio magazines, (54), g.....	45

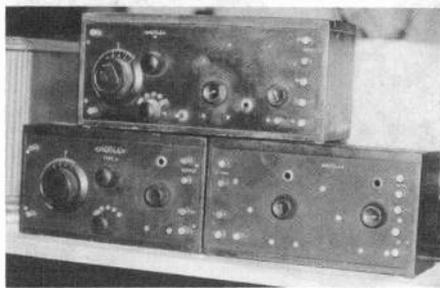


A mirror-topped Stromberg-Carlson chairside in the Old Equipment Contest.

CeCo catalog, 1937.....	21
Charlie McCarthy cardboard puppet.....	29
Conqueror of Space, de Forest.....	30
Day-Fan service manual.....	23
Dealer guides, packet.....	10
DeForest catalog K.....	90
Elec. Maintenance & Repair, 5 volumes.....	10
Electric Experimenter, 1914, 4 issues.....	45
Electric motor repair manual.....	11
Emile Berdiner, 1926 biography.....	50
Ghirardi's Radio Troubleshooting Handbook.....	5
History of Bell Labs.....	21
History of WFBM, first edition.....	20
IRE Proceedings, 1928-31, (4), p.....	4
Jenkins, Vision by Radio, 1st ed.....	105
Leutz, Modern Radio Reception, 1928.....	25
Manhattan Wireless, 1920 catalog.....	65
Map, radio ref. & Canadian license.....	10
Marcus Radio Projects 1.....	3
Books (5): Massie, Pope (1875), Fleming (1908), Lodge (1913).....	160
Morse essays, 1835, small book, p.....	20
Myer & Woestrel Principles of Radio book.....	3
OTBs, 43 issues, '60, '61 and up.....	40
OTBs, 1960-68, (4).....	8
OTBs, 1964-80, in envelopes, (60+).....	51
OTBs, 1968-72, (4).....	8
OTBs, 1974-79, (4).....	7
Popular Science, about (12).....	7
Principles of Electricity Applied to Telephone & Telegraph Work, 1938.....	11
QSTs, 1924-25, (23).....	32
QSTs, 1926-27, (12±).....	26
QSTs, 1921-23, (21).....	38
Radio Amateur Handbook 1935.....	18
Radio Amateur Handbooks, 1963 and 1978.....	16
Radio game, single sheet only.....	30
Radio Movie Radio Vision, Jenkins, g.....	120
Radio News mags., (10-12).....	24
Radio News telegram, 1915, Marconigram.....	14
Radio News, bound volumes, 1930s-40s, (11).....	130



Catalin sets in the flea market.



These Crosley sets are the 3-tube Model 52 receiver, the 1-tube Type V receiver and the 2-tube Type IV audio amplifier.

Radio Simplified, 1927 .....	14
Radio Stories, radio stars by National Tube ...	13
Rider's Vol. 1 .....	30
Rider's Index Vols. 11, 12, 13 .....	2
Rider's Index Vols. 11, 12, 13 .....	3
Rider's Index Vol. 14 .....	2
Rider's Index Vols. 11, 12, 13 .....	6
Uncle Dave's Radio Shack price list .....	6
Zenith service manuals, Vols. 1 & 2 .....	35
Zenith service manuals, Vols. 1 & 2 combined .....	25

#### Radio/Miscellaneous Equipment.

Accurate resistance-coupled amp. w/tubes, (3) \$75	
Acradyne 3-dialer, broken panel .....	40
AGA crystal set, Sweden, 1926 .....	310
American Instrument Co. mercury relay .....	20
Ampliflex 6, no tubes, single dialer, battery .....	45
Annunciator panel, 10 stations .....	120
AN/CRT-3 Gibson Girl emergency radio, complete with kite .....	100
Apollo medical quack set .....	35
Arvin ad sign, cardboard .....	34
Atwater Kent 10C breadboard w/tags & tubes .....	800
Atwater Kent 40 metal .....	41
Atwater Kent 33, no tubes, g .....	65
Atwater Kent 80 cathedral, vg .....	350
Baldwin horn speaker, small .....	220
BC-312M military receiver, original, f .....	45
BC-611 AM WWII walkie-talkie, g .....	110
Beaver Baby Grand crystal set, orig. box .....	230
Bendix 115 marbled plastic, maroon front, no back .....	120
Blaupunkt 1948 portable radio .....	30
Bogen amplifier .....	29
Bristol Audiophone Jr. horn speaker .....	160
Burns 205B horn speaker, vg .....	220
Bush TR130 transistor set, British, g .....	25
Canadian Marconi, 21160, portable trouble finder, 1930, vg .....	120
CB direction finder loop, missing parts .....	5
Central Scientific spark coil, large .....	550
Clapp-Eastham Radak, R4, no tubes, paper label .....	300
Crosley 5-38 w/tubes, g .....	80
Crosley 5N3 small tombstone, g .....	45
Crosley 52, w/tubes, g .....	110
Crosley 52SD, painted, no tube, g .....	115
Crosley C519A, small plastic .....	25
Crosley Pup w/UX 212 and phones .....	350
Crosley Trirdyn, Canadian, g .....	100
Crosley Trirdyn, g .....	95

Crosley Trirdyn, no tubes, g .....	90
Crosley V and matching IV amp., w/tubes, g .....	360
Crosley V w/BB 201-A, g .....	140
Crystal set, Austrian, unidentified .....	90
Crystal set, no name, not home brew, vg .....	210
Crystal set, unidentified .....	70
Cutting & Washington 11A, w/orig. manual .....	90
DeForest DT-800 amplifier, w/2 tubes .....	1,100
DeForest Everyman crystal set, panel only .....	150
DeForest DT-700 Radiohome, 1-tube, w/label .....	1,200
Delco 3205 tombstone, 32-volt farm set .....	36
Detrola tombstone, g .....	45
Deutsche Telefonwerk (DTW) foldable loop .....	90
Devonshire 55, 3-dialer, fancy panel, g .....	60
Edison motor & 1-tube amp. chassis .....	19
Electrobug key .....	110
Emerson 520, Deco, no back .....	95
Emerson AU 190 butterscotch Catalin .....	790
Emerson, cab. by Ingraham, table model .....	26
Eveready radio sign, cardboard .....	32
F.J. O'Neil Onondaga Five, 3-dialer, w/tubes, vg .....	80
Fada 5-tube, 3-dialer, w/tubes, vg .....	130
Farnsworth banner, 1940 .....	45
Federal B20, large box .....	30
Federal Jr. crystal set .....	290
Firestone S-7425-6, Deco .....	55
Firestone small wood table .....	26
Firth 235A Vocophone, some parts loose or missing, f .....	650
Freed-Eisemann FE-28 .....	70
Freed-Eisemann NR80, pot metal problems, p 9	
Freshman Masterpiece, no tubes, built-in horn missing .....	45
Frost Minton 4-tube, metal case, g .....	41
GE 860T 7" TV, 1948, w/book, g .....	65
GE E61 cathedral, hums, g .....	85
GE metal shelving .....	26
GE semi-cathedral, 4 knobs, g .....	45
General Radio tuning capacitor .....	7
H.H. Scott 99D303 hi-fi amp, no case .....	25
Hacher Sovereign bat. transistor radio, British .....	40
Hallcrafters 5R31 Continental table radio .....	30
Hallcrafters S120, f .....	25
Hallcrafters Sky Buddy .....	50
Hallcrafters TW 1000A, knob missing, f .....	41
Home brew 1-tube SW regenerative receiver .....	40
Home brew 9-tube, many dials, oak case, vg .....	340
Home brew crystal set .....	85
Home brew crystal set, f .....	13

(Continued on following page)



*This rare Firth Vocophone Type 235-A needing considerable restoration sold for \$650.*

*(AWA Meet/Auction continued)*

Home brew crystal set, small .....	50
Home brew crystal set, old, very well done ..	100
Home brew crystal sets, wood case .....	50 & 55
Home brew crystal sets, wood case, g... ..	40 & 80
Home brew wood case, 1 tube .....	45
Home brew, no tubes, p .....	20
Johnson & Phillips Mark III tuner, WWI crystal set, reproduction case, vg .....	1,900
Kellogg RFL500, chassis only, w/Kellogg 401 tubes	90
Kent crystal set, N.I.B., modern .....	43
Kingston 2-tube battery set, w/tubes .....	40
Lansdowne Majestic whiskey-bottle radio, tube set	130
Lightrite "Flivver" crystal set, small .....	95
Lincoln loop antenna, vg .....	80
Loewe Opta transistor radio, German 1958 ..	40
Luxor Gallery table radio, Sweden, battery set ..	70
Magnavox battery radio in drawer w/tubes .....	80
Majestic 20 cathedral, g .....	85
Majestic battery eliminator .....	12 & 12
Majestic horn speaker, g .....	110
Marconi #2 wavemeter, less coils .....	760
Michigan MRC 10 midget, w/tube, g .....	110
Mikes, RCA, Turner, Astatic, box of 5, g .....	130
Mirror galvanometer .....	55
Mirror galvanometer, ballistic .....	50
Murdock & Clapp-Eastham parts loose coupler crystal set, vg .....	270
Murdock loose coupler .....	240
National AGS coils, (10) .....	95
National 5A Airphone, 3-dialer .....	55
National Monodyne Airphone w/blue tube, coil needs wire .....	110
National Monodyne Airphone, w/tube .....	160
Operadio speaker .....	60
Perdio transistor set, British, 1964, g .....	16
Philco 42-PT87 portable .....	10
Philco 49-506 table set, wood, Deco .....	27
Philco 84 cathedral, f .....	60
Philco 1201 Bing Crosby radio/phono., clean	45
Philco ext. speaker, small .....	8
Philco 37-620 semi-cathedral, 6 tubes, f .....	55
Philco, rechargeable batt. set, 12 wet cells ..	12
Philmore Blackbird crystal set .....	110
Pilot FM Pilotuner .....	20
Pilot TV 3", w/service data .....	230
PRC-6/RT-196 FM walkie-talkie, vg .....	60
Radio Fone crystal set, small wood .....	170
Radio Guild, 2-tube, g .....	180
Radio/Electrical test set, unique wood case	250



*This DeForest DT-700 Radihome sold for \$1,200.*

Radiola 17, no hood, p .....	30
Radiola 26, no handle, vg .....	475
Radiola 28 w/tubes & loop .....	90
Radiola 60, f .....	70
Radiola 60, g .....	55
Radiola RS w/2 tubes .....	450
Radiola V .....	300
Radio-Matic Coin-op radio, no keys .....	8
RCA 8X54 brown plastic .....	13
RCA 100 speaker, g .....	41
RCA balanced amp. shipping box only, p .....	35
RCA Globe Trotter portable .....	21
RCA oscillator, tester .....	18
RCA R7N tombstone, working, f .....	60
RCA radio sign, illum., 8" x 14", g .....	310
Robinson & Son spark coil, ca. 1890, Ireland, g	290
Scope, 1", small, clean .....	26
Scott 23-tube Imperial w/speakers, chassis only, no PS .....	230
Scott chassis only, 1931, 2-dial, some rust ..	65
Scott Phantom Deluxe FM, open voice coil, chassis only .....	240
Shure 520SL desk mike .....	9
Signal Corp. key, J5A .....	27
Silvertone 8210 table set, works .....	25
Silvertone 1570 cathedral, 5 knobs, g .....	95
Silvertone 100359 tombstone, f .....	26
Sparton 10 semi-cathedral, g .....	50
Sparton 400 cabinet, refinished, vg .....	110
Sparton AC63 .....	65
Sparton Bluebird mirror glass radio, chip in glass, line cord resistor open .....	1,400
Spencer pocket radio crystal set .....	110
Standard Micronic Ruby transistor, tiny .....	51
Standardyne 3-dialer, no tubes, vg .....	25
Star Radio crystal set, crystal missing .....	230
Steinitz crystal set, g .....	160
Stewart-Warner dancing girl drum speaker ..	130
Stromberg-Carlson battery eliminator .....	26
Svanström telegraph key and register, Sweden, 1900, educational item, wood .....	210
Thermidyne TFE, no tubes, drop-down front, vg	40
Tribune Airphone receiver, 3 boxes, vg .....	330
Tuska Superdyne 300, 1 audio missing, rest g	170



This Hammarlund SP-200 Super-Pro, in very good condition, sold for \$160 in the Communications Equipment Auction.

TV magnifier lens .....	16
TV magnifier, blue tint .....	30
Universal ring mike, double carbon, w/springs .....	110
Victor Model VV-IV phonograph, no horn .....	150
Victoreen 10-tube, one coil wrong, fabulous. 500	
Western Electric 7A, with (3) 216 tubes, g ...	220
Western Electric 20A aircraft receiver .....	330
Western Electric 25B amplifier, w/paper .....	180
Western Electric floor ring double button mike w/stand, ornate .....	310
Western Electric WE 17C lineman's test set ..	21
Western Electric 4A mike, hotel bell, no rear cover ..	50
Western Electric 3A tandem tel. relay, incomplete .....	100
Western Electric 3B sounder .....	11
Westinghouse Aeriola Sr., no tube, f .....	130
Westinghouse Aeriola Sr., w/label, dud WD-11, f ..	150
Westinghouse Catalin clock .....	30
Wireless Specialty Clark Tone Tester .....	180
Zenith 6-S-321 table, vg .....	110
Zenith 6G-001Y, portable, fabric .....	15
Zenith 7G-605, first Trans-Oceanic, f .....	60
Zenith 8G-005 Trans-Oceanic, g .....	40
Zenith metal sign, 1' x 3' .....	45
Zenith old small wood case set, 2 knobs .....	33
Zenith radio & TV lighted sign, 1' x 2' .....	180
Zenith Royal 2000, battery clip missing .....	23
Zenith Trans-Oceanic, no handle .....	30

#### Communications Equipment.

Note: PS=power supply

ARC-5 BC-696 xmtr. (2) and BC-454B receiver, modified, w/PS .....	\$50
ARC-5 BC-455B unmodified .....	11
ARC-5 T-19 xmtr. w/copy of manual, vg .....	19
ARC-5 T-21 xmtr., w/copy of manual, vg .....	25
Echophone receiver Model EC1, g .....	31
Eldico SSB-100 trans, w/manual, vg .....	110
Elmac A54 mobile xmtr. .....	22
Hallicrafters Continental 5R31, plastic table w/ SW, vg .....	42
Hallicrafters S-120, vg .....	32
Hallicrafters S-19R painted gold, p .....	9
Hallicrafters S-20R, g .....	39
Hallicrafters S-38, g .....	38
Hallicrafters S-38E, vg .....	26
Hallicrafters S-40A, f to g .....	42
Hallicrafters S-40B, w/book, f .....	28
Hallicrafters Sky Buddy 5-T, restored, dial incomplete .....	90



This unique and Best-In-Show Old Equipment Contest entry is a photo display and an audio taped interview in 1945 with television personality Marilyn Wilson. In addition to performing in dramas, Wilson presented the weather in a 1-minute skit.

Hallicrafters SX-100, g .....	85
Hallicrafters SX-24, vg .....	45
Hallicrafters SX-62A, vg .....	305
Hammarlund HQ-129, g .....	80
Hammarlund SP-200 w/PS & speaker, g .....	160
Hammarlund speaker, 8", g .....	26
Hammarlund speaker for PRO-310, vg .....	27
Hammarlund VC 779A, made by Howard, p ..	45
Heathkit AR-3 w/Q multiplier, vg .....	28
Heathkit DX-100 xmtr. single side band, g .....	25
Heathkit HR16AT receiver w/manual, vg .....	53
Heathkit monitor scope .....	41
Heathkit Q multiplier .....	8
Lafayette 6-10-11 meter converter, f .....	11
Lettine 240 xmtr., w/coils & manual, vg .....	65
LM 18 freq. meter & PS g, military WWII .....	12
National HRO w/7sets coils, no PS, w/manual .....	145
National NC-101XA, meter added, g .....	215
National NC-183D rack mount receiver, g .....	90
National NC-300 receiver, g .....	70
National SW-3 80 to 40 coils, no PS, vg .....	250
RAL 5 receiver, no meters, military, large .....	21
RCA ACF-155 receiver, vg .....	110
RME preselector .....	10
Stancor 20P xmtr. w/manual .....	130
Stancor transceiver 112 MHz, p .....	11
World Radio Labs. Globe Scout xmtr., g .....	20
World Radio Labs. VFO for Globe Scout, g .....	15

Information on joining the Antique Wireless Association (AWA) may be obtained from Joyce Peckham, Box E, Breesport, NY 14816. Annual dues are \$12, and a quarterly newsletter, "The Old Timer's Bulletin," is published. Regional meets are held in addition to the annual conference.

Photos by John Terrey.

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060; Ludwell Sibley, 44 E. Main St., Flemington, NJ 08822; Larry Babcock, 8095 Centre Ln., E. Amherst, NY 14051; John Terrey, c/o A.R.C., P.O. Box 2, Carlisle, MA 01741)



# PHOTO REVIEW



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



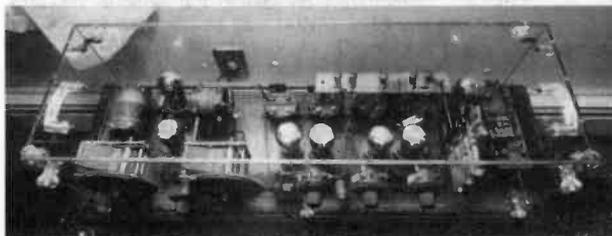
**EMERSON MODEL FU-428** - Made in 1942, this AC-DC battery portable uses a Type 117P7 dual purpose tube — one half for rectification on AC power, and the other half for the output on AC-DC power. On battery power it uses a 3Q5 output tube. (Doug Burskey - Mansfield, OH)



**CORONADO MODEL C5D14** - This miniature Bakelite radio (8" wide x 5 1/2" high) was manufactured about 1941 or 1942 by the Gamble Skogmo Company. The schematic for this 5-tube AC-DC set is in Riders, Volume 13-3, 4. (John Schehrer - Joplin, MO)



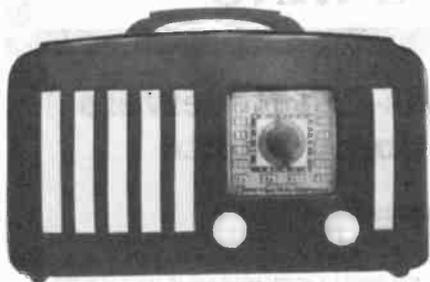
**1920s DISPLAY UNIT** - This glass enclosed unit may have been used for promotional purposes. It is a TRF set which uses Microvern condensers and Peerless audio transformers. Another one is reported to be on display in a Fairport, N.Y. museum. (Bob Ferrara - East Boston, MA)



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## PHOTO REVIEW

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**EMERSON MODEL EP-375** - The Catalin cabinet on this 1941 radio was manufactured by Monsanto. Originally a marbled deep blue, through the years it has taken on a decidedly greenish hue. The bars and knobs, made of different material, appear not to have changed at all. (*Ann and Bill Kilmurray - Hakettstown, NJ*)

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**MONARCH CRYSTAL SET** - This novelty set was made by the Rippner Bros. Manufacturing Company of Cleveland, Ohio. It has an open detector with 3 different crystals. (*Erwin Macha - Vienna, Austria*)

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**ZENITH MODEL 7-S-529** - Made in 1941, this table set has most of the popular Zenith features of the day. The dial takes up most of the front of the set. The speaker is on the left side of the cabinet. (*Doug Burskey - Mansfield, OH*)

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**ZENITH MODEL 6-D-510** - This brown Bakelite set was my first old radio, circa 1940. It uses the Zenith box-loop antenna with RF amplification via a 12J7-type tube. (*Colin Stump - Lancaster, OH*)

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**De FOREST MODEL P-300** - This 1919 Audion-Ultra Audion and one-step amplifier, shown with Moorhead VT type tubes, was used with the T-200 tuner. (*Will Jensby - Santa Clara, CA*)

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## Constructing Wireless-Era Receivers from Authentic Components

BY ARTHUR HARRISON

Unlike colleagues who began collecting early, the newcomer may despair of ever owning and operating his own wireless-era receiver. (The term "wireless-era" here is used to denote that period prior to and during World War I.) Commercially-built wireless gear now rarely enters the market; when it does, competition for it is keen.

Yet, authentic wireless components can still be collected because several manufacturers sold parts in large quantities to experimenters and universities. With patience, by watching the ads

detector. Some compromise may have to be made if you want to enjoy your set in your lifetime.

Although commercial gear did sometimes comprise a mix of brands in components, the components were, of course, of the same time period. Thus, the amateur historian will not construct a receiver with a 1915 loose coupler inappropriately placed next to a 1930 crystal detector. Instead, he will use a crystal or other detector of the same period.

By studying the literature, observing illustrations such as those in McMahon's *Vintage Radio* and in old catalogs and periodicals, you can acquire information for positioning components the professional way. Visiting private and radio association museums to inspect their collections will also help.

A treasure-trove of components, however, will not be well displayed by sloppy or inappropriate assembly. Again patience will be rewarded. A construction of even the best components doesn't look convincing if mounted on a contemporary base of an inappropriate species of wood.

This article will describe my reproduction of three different wireless era receivers — the Murdock, the Clapp-Eastham, and a Bunnell. The Bunnell is a 3-slide tuner set constructed of different manufacturers' products, but of the same time period as the Murdock and Clapp-Eastham sets. However, before detailing the assembly of the components for each set, I should discuss an appropriate mounting base, or "breadboard," which applies to all three sets.

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**"By studying the literature, observing illustrations such as those in McMahon's *Vintage Radio* and in old catalogs and periodicals, you can acquire information for positioning components the professional way."**

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and attending auctions, the newcomer today can collect components one-by-one until that happy time when he has all the necessary parts for assembly.

I constructed the receivers shown in Figures 1 and 3 from mostly Murdock and Clapp-Eastham components, after a wait of over a decade to accumulate the suitable period components. In the case of the Murdock, I failed to find the right



Figure 1. The Murdock loose coupler set.

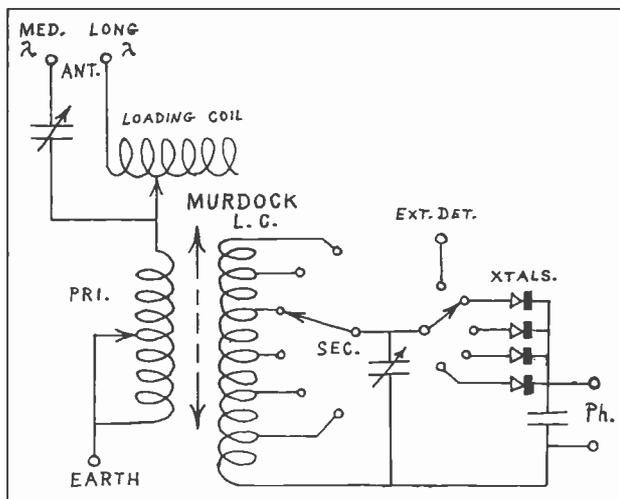


Figure 2. Schematic diagram of the Murdock receiver.

### SELECTING AND PREPARING BREADBOARD STOCK

Much old gear was constructed breadboard style on cherry, walnut, or mahogany — very rarely oak (usually darkened as seen on Grebe cabinets). Suitable wood, 3/4-inch thick, can be acquired by cannibalizing antique furniture as cabinetmakers of the old school still do. Or you can purchase suitable wood from an exotic lumber outlet. If the lumber dealer will not cut the plank, you may have to buy more than you want or join with another person to share what you buy.

The wood you need is very expensive, but hopefully you will need very little. Do not skimp on the quality of breadboard if you want the ensemble to look good. Consider the plank as one of the components and figure cost accordingly. The plank (3/4" thick x 12" x 27") used in my Murdock set, shown in Figure 1, set me back \$50, including the cost of the wood and the professional cutting, routing, and adding each end

mortise; however, I did the sanding and finishing myself. If you are a woodworker or have a friend who is, of course you are ahead that amount!

The breadboard should be supported on four rubber (or plastic that is indistinguishable from rubber) tacks available at hardware stores. The rubber heads are approximately 1/2 inch in diameter. The expensive cherry or equivalent wood you use can be so hard that these tacks cannot be nailed in without first providing a drilled hole as guide, slightly less in diameter than the tack-nail. (You wish also to avoid splitting the wood.)

But in the name of all that is holy, do not use white tacks! — or other inappropriate supports. Ideally, genuine rubber pads from old gear should be used, but I have never found sound

ones. Warning: Do not tack these on until after the 1/8 to 1/4 deep grooves to recess the underside wiring have been made.

The underside grooves should be cut with caution *after* the components have been positioned exactly and removed to avoid damage to them. These grooves can be scored with a router (with the appropriate bit) or with a rotary saw blade. This nicely provides a professional look underside, but is not absolutely necessary, if the plank is raised on the four rubber tacks. But keep in mind: the commercially-built equipment usually had its wiring underside recessed in straight grooves.

Needless to say, antique components are not wired with brightly-colored, plastic-insulated wire, ca. 1950! If you do not know what kind of wire to use and have no museum models to inspect, look at the wire in unaltered oak wall-telephones or other electrical instruments, ca. 1900-1920. This kind of wire (or wire which closely resembles

*(Continued on following page)*

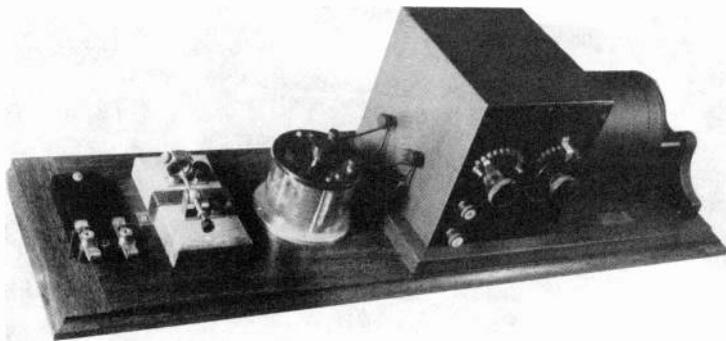


Figure 3. The Clapp-Eastham loose coupler set.

(Wireless-Era Receivers, continued)

it) is acquired in the old-timer's parts box, and scraps of such can be picked up also at auctions and through advertisements. You need very little.

Fastening the components to the plank also has its hazards. The wood I used was terribly hard — I had to use drill bits meant for cutting steel! Thus, after the holes were drilled, I prepared threads (screwing the relevant screw in and out repeatedly) in the wood *before* affixing the components.

Moreover, the hard rubber of the variable condenser case is brittle; you should use a soft fiber washer under the machine screw head and take care not to tighten the screw excessively. Too loose is better than too tight, especially considering the stress the latter condition may cause. Screws with a patina of age look much nicer than new ones. Be sure to take the trouble to find matched sets. Also, it is prudent to use steel screws; with some hard woods, brass screw shafts snap.

The most critical step in construction is the correct placement of parts and holes topside, and of grooves for wiring underside (mentioned earlier). How often one forgets that everything appears reversed in position on the underside! Here it is prudent to be simple-minded and draw pictures of above and below configurations. All measurements should be carefully made — holes marked with pencil (lightly so they may be erased); grooves underside outlined with pencil and studied carefully before any cut in the wood is made. Check everything several times!

It is possible, without taking adequate care, to end up with at least one superfluous hole. Among the beautiful components, this single hole can be *amazingly ugly*, providing the first hint to the

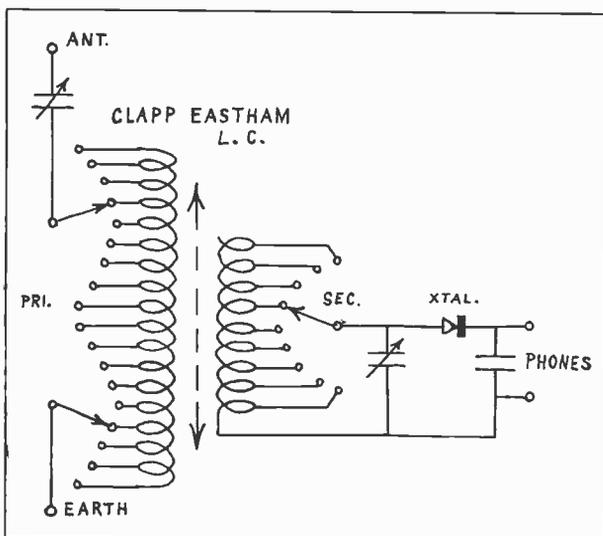


Figure 4. Schematic diagram of the Clapp-Eastham receiver.

knowledgeable visitor that your assembly is a home brew, not professional quality! That one superfluous hole can drive even the most strong-willed, macho collector bonkers. The only thing you can do is fake it — fasten a screw through it and pretend that screw does something significant. But if your visitor strokes his chin knowingly and mumbles "Uh-huh" — well, your wife already knows the telephone number of those tough-looking guys wearing white coats, carrying the straight-jacket. Anyway — good luck!

### THE MURDOCK SET

The Murdock set is shown in Figure 1 and its schematic is shown in Figure 2.

Since the slide-tuned primary winding of the Murdock loose coupler tunes only shortwaves (1915 terminology), the Murdock loading coil located in front of it can be inserted in series with

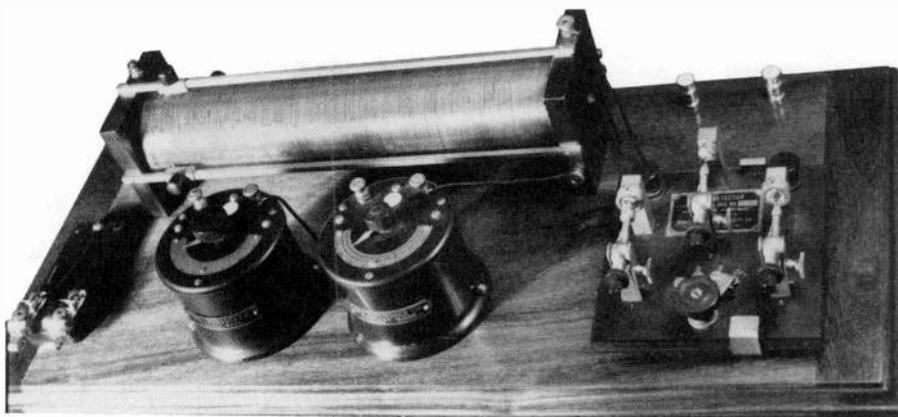


Figure 5. The Bunnell 3-slide tuner set.

the antenna to receive long waves. In parallel with the loose coupler secondary is a conventional Murdock variable condenser, located in the lower right hand corner. To the left of this condenser is a rare, incremental-type Murdock variable condenser. In series with the input, this condenser is used to fine-tune the antenna.

The Murdock has three different crystal detectors which can be chosen by the tap switch. One tap selects a modern germanium diode for tests and comparison. This handsome brass detector is located to the rear of the tap switch. This detector is certainly commercial, although it bears no inscription. As a cat's whisker, it uses a fine metal brush, which looks like a miniature shaving brush.

The diode can easily be disconnected if it offends. It is fun to use — to check the antique solid-state detectors. By careful selection amongst iron pyrite and galena specimens, you can find crystals every bit as good as a modern germanium diode in performance! This surprised me — and has pleased me.

Another tap selects the commercial Jove detector located behind the Murdock bypass condenser at the extreme lower right. A third tap selects a home brew detector built on a defunct Jove base, seen in the upper right-hand corner of the set.

The single binding post on the tap switch is used to connect to an external detector — for example, an audiotron tube.

**Performance:** With coupling suitably loose and all circuits tuned optimally, I can resolve two 1-kilowatt local stations 5 miles distant, broadcasting at 1400 kHz and 1580 kHz respectively. (Few 1920s crystal sets show this degree of selectivity. The Aeriola Jr. and some other RCA products can, but they are exceptional.) Naturally, reception is with a wireless-era Murdock headset.

### THE CLAPP-EASTHAM SET

The Navy-type loose coupler used in my reproduction shown in Figure 3 must have been used experimentally on tabletops, since it had no screw holes anywhere in its base when I purchased it. The schematic for the Clapp-Eastham set is seen in Figure 4. The brass plaque lists 1898 and 1904 patents and acknowledges Marconi patents. The glass-enclosed Blitzen (Clapp-Eastham) variable condenser is connected conventionally across the secondary of the inductance.

The blue marble base of the detector unit has been clamped (with felt padding) to the breadboard because it too lacked holes. It is inscribed "Clapp-Eastham" on the crystal holder in which has been inserted a large crystal of iron pyrite. The headphone bypass condenser is of Murdock manufacture, as I have been unable to unearth any made by Clapp-Eastham. The wiring could be shorter if retained topside, but it would be out of keeping

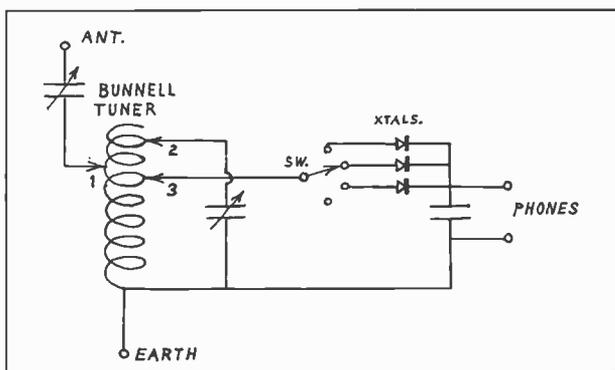


Figure 6. Schematic diagram of the Bunnell 3-slide tuner set.

with the construction of the period and would yield a less attractive construction.

**Performance:** The iron pyrite used for rectification equals contemporary germanium as semiconductor — as far as reception measured by ear can tell. The loose coupler does not tune much above 1400 kHz so I cannot compare selectivity between this and the Murdock receiver.

### THE BUNNELL 3-SLIDE TUNER SET

The Bunnell 3-slide tuner set, shown in Figure 5, is a mix of different manufacturers' products, but they are of the same time period. See Figure 6 for a schematic. The slides on the Bunnell serve the following functions: one tunes the antenna (equivalent to the primary coil of a loose coupler); a second in parallel with a variable condenser tunes the output from the inductance (equivalent to the secondary moving coil of the loose coupler), and a third serves to alter the degree of coupling with the antenna (equivalent to the sliding of the secondary coil within the primary coil of the loose coupler).

One Murdock variable condenser fine-tunes the antenna, being in series with it; the other tunes the output as indicated above. The detector is the Wireless Specialty Co. triple detector which carries its own switch for crystal selection. **Performance:** The 3-slide tuner is more difficult to tune than a loose coupler, since the three slides all share a common inductance; but once they are set optimally at a given wavelength, the receiver performs surprisingly well. To return to a new, widely different wavelength is a troublesome undertaking, more time-consuming than with a loose coupler receiver, where settings can be more easily logged for retuning.

(Arthur Harrison, 501 Arbor Dr., Columbia, MO 65201)

From 1938 to the 1950s, Arthur Harrison was ham radio operator W3MM. However, for the next 20 years, he did nothing in radio until his discovery of a junked AK metal set for which he paid \$7. The resilience of this set led him to try to rescue all the 1920s and 1930s radios he can find. He has written articles on single-dial tuning for "Technology and Culture" and for "I.E.E. Spectrum."

# WITH THE COLLECTORS

## The Saga of My 1946 Philco 46-250 One Collector's Story

BY CHARLES CONTE

*Charles Conte's whimsical, real-life radio experiences will awaken fond memories for many collectors with similar tales to tell. (Editor)*

### PART I: MY MOTHER – THE VINTAGE RESTORER

The first person in my family ever to undertake the repair and restoration of a vintage plastic radio was my mother. The radio was a 1946 Philco Model 46-250 — a classically styled, if not unusual, brown Bakelite radio with a slide rule dial and a wraparound louvered grille. This radio is shown in the middle of Figure 1.

In 1956, I was nine and my sister was four. As my mother remembers it, we were throwing her oven mitt at each other. As I remember it, we were firing a slingshot-propelled, plastic F-104 fighter plane at each other. However, my mother says, "No, it was the oven mitt with a magnet sewn into it."

Maybe it was the hurricane lamp we broke with the F-104. In any case, we took aim at each other with a lot of things in those days, so it's hard to remember exactly what broke what. But I trust my mother's memory when she says that the oven mitt, tumbling end-over-end, missed my sister and hit the glass dial of her '46 Philco dead center.

The Philco had been a twentieth birthday present from my grandmother to her daughter. The year was 1946. My mother was working for McGraw-Hill publishers and living in New York City at the Webster Hotel for Women on 36th Street. She had a small room with a closet, sink, single bed, window with a view of the rooftops,

and bathroom down the hall. She had the basic necessities, except for one — music.

So her mother offered to buy her a radio. My grandmother took the train into the city from Poughkeepsie, met my mother, and together they went radio shopping. In 1946, radios, like a lot of appliances, were in very short supply. My mother and grandmother went along 9th Avenue from store to store — stores with no display counters, just stacked boxes — asking for radios.

Finally, in one shop, the proprietor went into a back room and came out with a radio — the Philco 46-250. No choice. My mother recalls that it cost about \$20. (A Philco ad from a 1946 *Saturday Evening Post*, framed and hanging on my wall, pictures my mother's set and gives a retail price of \$27.95 — "Slightly higher Denver and West," reads the asterisked fine print at the bottom.)

She was married in December of that year, and her radio went with her to her new home, back in Poughkeepsie. Later, when she and my father (and I) moved seven miles north to Hyde Park, the radio went with us.

So by 1956, the Philco that my sister and I had broken was already a keepsake for my mother, a remembrance of that brief time in 1946 when she was unencumbered by a 9- and a 4-year-old who broke dials. Mainly by me — the 9-year old. Since I was older, I should have known better. My mother had no idea, even at that time, where she would find a glass dial for a 10-year-old radio.

I don't know where she looked, but she couldn't find a replacement. Eventually she penciled in

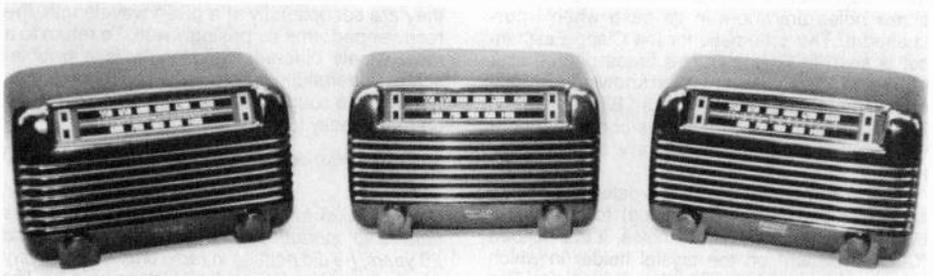


Figure 1. Philcos, left to right: Model PT-3, 1939; Model 46-250, 1946, my mother's set; Model 48-250, 1948. (During the war years, American industrial design literally shut down.)

the station call letters on the paper dial-backing, now left naked by the missing glass.

Somehow the radio made it into my room. It sat on the shelf at the head of my bed. Late at night, long after I was supposed to be asleep, I'd listen to it. It was tricky to keep the volume at a level that I could hear but my parents could not hear in their room. On this Philco 46-250, I first heard Miles Davis, Monk's strange and beautiful music — "Brilliant Corners" and "Round Midnight" — the Everly Brothers, Elvis, and others.

## PART II: UNCLE LEE — THE COLLECTOR

Sometime later, my mother renewed her quest for a replacement dial, as if she'd never given it up. Whether out of desperation or sheer inspiration, I don't know which, but the next step in her search took her into Uncle Lee's basement.

Uncle Lee was a collector before that particular avocation had become respectable. He was a collector of what other people gave away or threw away. Back then we called it junk.

Uncle Lee was a *serious* collector. On Poughkeepsie Clean Up Day, he would travel the better neighborhoods early in the day in front of the clean-up crews and pick the best of what was left curbside. In his double garage, Uncle Lee had any number of outboard motors, lawn mowers and bicycles at one time, all waiting for the repair which he *could* do himself. However, a hundred cane-bottom chairs hung from the beams there, most waiting for recaning, which my uncle *couldn't* do. The profusion of strange objects in that garage, the vision of so much stuff, fascinated us kids.

For years, Uncle Lee kept a bullet-nosed 1948 Studebaker in the backyard (no room in the garage, of course), knowing that someday it would be valuable. He just couldn't hold out long enough. His wife, my aunt, finally pressured him into getting rid of it. He had to pay a kid \$25 just to haul it away.

## UNCLE LEE — A MAN BEFORE HIS TIME

Admittance to my uncle's garage was a real treat for us kids. Actually what we got was more like a viewing, always accompanied by an adult, since it was physically impossible to squeeze a body into Uncle Lee's garage.

But while the garage was open to the public, Uncle Lee's basement was the inner sanctum of his world. No one in the family, as far as I know, had ever entered there.

My aunt had a key to the basement, but rarely went down there. When she did, it was often to make "disappear" one of her husband's "collectibles." She would return it to the curb (from whence it had come) for pickup, before Uncle Lee knew what had happened.

Not even his sons and daughter, my cousins, were allowed down there among the treasures. *Nobody* got in — except my mother, once.

She played a hunch. Maybe Lee had an old Philco down there from which she could snatch a

dial that would at least substitute for the missing one. What were the odds? — ridiculously slim. But still, this was *Uncle Lee's* basement. Anything was possible.

She told my aunt what she was after. My aunt, sensing an opportunity to get rid of one piece of junk, no matter how small, leapt at the chance and agreed to let my mother into the basement while Uncle Lee was out of the house.

My mother has no clear recollection of what exactly she saw down there. She does remember that the basement of the old house was divided into a number of rooms, at least one of which was locked. I like to think that what she saw was so overwhelming, so splendiferous, like breaking into the tomb of a great Pharaoh, that her mind went blank and she became forever unable to describe what incredible riches she saw.

But whatever the reason for her lapse of memory, my mother does remember reaching up on a shelf to pluck a dial out of a Philco identical to her own. Exactly how my mother went about placing the dial in her own radio is lost to us. But we can imagine that she accomplished the repair much as we do today.

## PART III: CHARLES CONTE — THE COLLECTOR

Many years later, sometime after I had moved out of the house for good, my mother gave me that old Philco. Now she says that she thought I could make a lamp or something out of it. Luckily, I never did get around to turning it into "a lamp or something." I still have it, and, after some electronic repair by my partner, it plays as well as ever now, probably better.

That's how my radio partner and I got started. One day at work, he showed me a Bakelite radio he had restored, one of a very few he'd done at the time. The next day I showed him my mother's Philco, and he said, "Yes, it is Bakelite."

"Could you check it out for me? It plays, but it's got this hum..." I inquired.

That was our humble beginning, five years ago. Since that time, together we've amassed a fortune collecting, trading and dealing with Bakelite radios. Yet, I am still not too proud to ask my partner to do my electronic repairs for free.

My mother's Philco 46-250 is the core of my collection, as it was the core of her "collection." I now have any number of radios that either surpass it for style, are far more colorful, are "cooler," or have more exciting dials.

But that radio will stay with me as long as I have my collection, as long as I have a wall outlet to plug it into.

*(Charles Conte, Siemens Audio Inc., 7 Parklawn Drive, Bethel, CT 06801)*

*Charles Conte is Public Relations Administrator, as well as an advertising writer, for Siemens Audio, Inc., Bethel, Ct. — American headquarters for the Neve series of audio consoles and the AMS digital audio editing and recording systems.*

# WITH THE COLLECTORS

## The Faragos Ask "Why?" — Readers Reply

COMPILED BY RAY BINTLIFF FROM RESPONSES OF:

Dave Dameron, Alan Douglas, Robert W. Downs, John Eng, Edward J. Engelken, Wally Horton, Stan Lopes, Mike Martin, Ronald L. Oberholtzer, David S. Randall, John A. Reinicke, Rich Spenser, and Frederick G. Suffield

*A letter from Jim and Nadiene Farago suggesting several topics for future articles appeared in the May 1992 issue of A.R.C. The Faragos presented these topics in the form of questions. As always, the readers of A.R.C. rose to the occasion. The following explanations have been compiled from readers' replies along with some additions by this author.*

*We begin with the responses to the questions that are more specifically radio-related. The responses to the power-related questions follow.*

### **Why do some tubes utilize a black coating on the inside of their glass envelopes while others do not?**

This question was the real puzzler. It drew the least number of responses and most writers confessed to some reservations about their answers.

Two writers indicated that the coating was used mainly on beam power tubes such as the 6K6, 6W6, 6V6 and 6L6. One response indicated that the coating was conductive and served to prevent the buildup of electrical charges. Another suggested that the coating was decorative. The color of the coating can be either black (or is it a very dark gray?) and gray. The color suggests that it may be a conductive coating.

A cursory inspection of my tube stock indicated that the coatings also appeared on such "non-power" tube types as the 57, 58, 75, 6A7, and 6C6 — all 6- and 7-pin tubes from the early and middle 1930s. Later octal-based tubes in which the coating appears include Types 6F8, 6SL7GT, 6SN7GT and some beam power tubes, as noted above.

The use of this coating seems to have begun with the ST type bulbs. Also, the coating does not appear to serve as a getter (that silver-like coating on the inner surface of the glass), since both the getter and the coating are present on some tubes. It does not seem to serve as a shield because there is no visible electrical connection between the coating and the metal structure of the tube.

The coating is present in different brand names of the same tube type. This fact may not be significant since one manufacturer sometimes made a large production run of a particular tube type and branded it for sale to other radio and

tube manufacturers. Such arrangements resulted in lower tube costs.

Perhaps other A.R.C. readers can provide additional explanations.

### **Why were tubes, such as the 201-A, made with 5-volt filaments, rather than 3-, 4- or 6-volt filaments in the very beginning?**

The filaments of early vacuum tubes were not very efficient, and they required high filament power to create the necessary cloud of electrons. For example, the UV-201 has a filament rating of 5 volts at 1 ampere or 5 watts of power for each tube filament.

Early tubes like the UV-201 and UV-201-A utilized filaments made of plain tungsten and thoriated tungsten respectively. Plain tungsten was an obvious choice for the filaments of the UV-201 since it was the filament material used in contemporary incandescent lamps. In fact, much of the early tube manufacturing technology was based on the materials, methods and machinery used in the mass production of incandescent lamps.

Keep in mind that, at the end of World War I, the UV-201 was a state-of-the-art tube. Although it had a high filament current requirement, its availability made the UV-201 a standard in the fledgling radio industry. Tubes with reduced filament requirements came later.

**Battery Choices.** The high current needed to heat the filament of the UV-201 dictated the use of a storage battery. Lead-acid storage batteries were chosen because they were readily available. In addition, the storage battery was more economical because it could be recharged, while dry cells had to be discarded after they were discharged. Further, dry cells were not capable of producing the high current needed to heat the filaments.

**Other Filament Voltages.** So why wasn't a 6-volt filament chosen? Wouldn't it be a good match for a 6-volt storage battery? Sure, this combination represents a good match in terms of voltage, but it also presents a serious problem.

Running a 6-volt filament from a 6-volt battery would not allow for any significant voltage drop in the wires from the battery to the radio set or for discharge of the storage battery. As a storage battery discharges with use, its output voltage decreases which means a drop in the filament voltage. A low filament voltage can adversely affect a radio's performance. Therefore, if a 6-volt



filament was operated from a 6-volt battery, it would be necessary to keep the battery fully charged at all times.

However, the use of a 5-volt filament permits a radio to be operated on a partially discharged battery and will extend the time period between battery recharges. An additional explanation of filament voltage control is provided below.

OK, but why not a 4-volt or 2-volt filament? Some tubes with 4-volt filaments were produced but were never a success commercially. The basic problem is that a decrease in filament voltage dictates a corresponding increase in the current requirement. Increased current will, in turn, cause a heavier drain on the battery. The choice of 5 volts and 1 ampere was probably considered a good balance of voltage and current requirements which could be supplied by the readily available storage battery.

**Filament Voltage Control.** As noted above, it is necessary to use a battery that produces a voltage which is higher than the required filament voltages so that a partially discharged battery can still provide enough voltage to operate the filaments. Because the battery voltage will vary depending upon its state of charge, some provision must be made to compensate for the variations in battery voltage.

For example, connecting the full 6 volts from a fully charged battery to a 5-volt filament can shorten the life of a tube. As a result, early battery radios used rheostats to reduce the battery voltage to the correct filament voltage. As the battery voltage dropped, the rheostats were adjusted to compensate for the change in voltage. The rheostats also served to control RF amplifier gain, detector sensitivity and volume by controlling electron emission from the tube's filament. A very simple but effective scheme.

Some radios included a voltmeter to measure filament voltage. Others relied on "eyeball" adjustments of filament voltage as evidenced by the peepholes in the front panels of early battery sets.

**Advances in Tube Technology.** The introduction of the UV-201-A, with its thoriated filament, represented a substantial improvement since it required only a quarter ampere of filament current. But by this time, the 5-volt filament was so common that a change in filament voltage was unlikely. Also, with five or more tubes in a radio, the total current requirement still required the use of a storage battery rather than dry cells.

Advances in tube technology brought the UV-199 which made portable radios possible and permitted home receivers to be operated from dry cells. Its initial filament rating was 3 volts at 0.06 amperes. Other tubes with more efficient filaments were introduced, but the 5-volt 01-A was the workhorse, the tube of choice for many years.

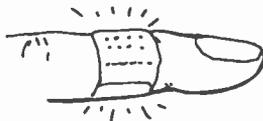
For simplicity, the RCA Types UV-201 and UV-201-A have been used as examples in the explanations provided above. But variations of these tubes types were also in wide use, such as the long-pin UX-201 and the UX-201-A. The same tubes produced by Cunningham were identified with a 300 series number — e.g., the UX-301-A.

Over a period of time, the long-pin UX series

replaced the short-pin UV series. Eventually, the UX prefix was dropped, and the tubes were identified by number only, such as 201-A. This simplification was carried further when the first digit was also dropped and the 201-A and the 301-A became generically known as the 01-A. Even though 01-A is written "zero-one-A," it is pronounced "Oh-one-A."

### ***Why were most radios from the 1920s and 1930s constructed without safety features in mind?***

During the Great Depression the cost of any product was an important factor, and this was certainly true for radios. Radio manufacturers sought ways to minimize costs. The AC/DC radio



is a prime example of efforts to reduce costs. Elimination of the power transformer resulted in lower material and labor costs as well as a smaller cabinet. While the design did increase the risk of electrical shock, manufacturers took steps to protect the user by the use of wooden or plastic cabinets with back covers.

Although cost considerations may have taken precedence over safety during the 1930s, the associated health hazards did not seem very great at the time. The present day concern for safety is a fairly recent occurrence. [Some believe that safety may be carried too far by the various bureaucracies. Consider for an example the fact that today the Occupational Safety and Health Administration (OSHA) classifies ordinary table salt as a hazardous chemical.]

Very early battery-operated radios, with exposed B+, were usually operated by knowledgeable owners who were aware of potential shock hazards and who exercised care. In any event, the risk of serious electrical shock from dry cell batteries, because of their limited current capacity, was quite low. AC powered sets capable of producing high voltage at relatively high current were another matter.

On the positive side, radio publications of that era stressed both the need for caution when working with high voltage and the dangers of lightning. Most radios offered some protection for the user, and lightning arrestors were used widely. It was the radio serviceman who was most likely to be injured by electrical shock or burns. These risks were usually written off as part of the job.

Some dangers were simply not understood. Carbon tetrachloride was a commonly used degreaser until its toxicity was recognized. Some electrically-operated medical equipment, both quack and legitimate, was probably a greater risk than radios. Many physicians used diathermy machines which generated high levels of RF energy. Quack medical devices produced ultraviolet radiation and electrical shock with dubious ben-

*(Continued on following page)*

(Faragos, continued)

efits and uncertain risks to the patient. Even the electrical shock generators found in amusement arcades could produce lethal voltages.

### **Why do resistors and capacitor values progress in odd numbers like 10, 12, 18, 22, 27, etc.?**

In the early days of radio, "nice round numbers" were usually selected for the values of resistors and capacitors. These round-number values represented the desired or rated value. A resistor's actual value might be more or less than the rated value. The difference between the rated value and the actual value of a resistor is a measure of its accuracy.

The acceptable limits of a resistor's accuracy is called tolerance. Tolerance is expressed as a percentage and can be a positive or negative number. As an example, a 1,000-ohm resistor with a 20% tolerance can have an actual value as low as 800 ohms or as high as 1,200 ohms. If the tolerance was specified as 10%, then the allowable range would be from 900 to 1,100 ohms.

The manufacture of early resistors was not a precise process. The actual resistance of parts coming off the production line sometimes differed from the intended value. Consequently, resistors with a tolerance of 20% or 10% were common.

There was no special effort taken to produce a 10% resistor. It was largely a matter of chance. Both the 10% and 20% tolerance resistors came off the same line. The resistors were measured and then declared to be either a 10% or 20% resistor. One reader reports that in a 1940 era batch of 20% resistors, no resistors would be found closer than 10% to the rated value because they would have been marked 10%. Likewise, no resistors would be found closer than 5% in a batch of 10% resistors. As manufacturing and quality control methods improved, resistor tolerances were tightened to 5% and 10%.

**Standardization.** Round numbered resistors offered the circuit designer little flexibility. As the complexity of radio circuits increased, a need was created for additional resistor values, and some odd resistor values began appearing in radios. The Radio Manufacturers Association (RMA) recognized the need for standardized resistor values which would minimize the number of resistor values but still provide the circuit designer with an adequate range of values. The RMA's effort resulted in what appears to be a strange progression of values. But upon closer inspection the choice of values is quite logical.

Standardized values for resistors with a 10% tolerance begin with the following 2-digit numbers:

10, 12, 15, 18, 22, 27,  
33, 39, 47, 56, 68, and 82

Larger values of resistance are specified in multiples of 10, 100, 1,000 and 10,000 plus a high-end value of 10 megohms. Thus, resistor values from 10 ohms to 10 megohms are available in the steps shown above. The RMA scheme does employ a decade relationship after all.

Another look at the 1,000-ohm resistor used in

the previous example may help us understand why the RMA picked these values. We know that if this resistor has a 10% tolerance, its value can range from 900 ohms to 1,100 ohms. How does this range compare with the standard values immediately above and below the 1,000 ohm value?

The next highest standard value is 1,200 ohms with a possible range of 1,080 to 1,320 ohms. The next lowest standard value is 820 ohms with



a possible range of 738 to 902 ohms. It becomes obvious that the possible values of the next highest resistor (1,200 ohms) and the possible values of the next lowest resistor (820 ohms) will overlap the possible values of the 1,000 ohm resistor.

If you were to examine the possible resistance ranges for a series of consecutive resistors, the same overlapping of values would become apparent. The same overlapping of values exists for 5% resistors. Because the range of possible values is smaller, a greater number of standard values is available in that tolerance class.

If you have not grown weary of this explanation and have the desire to explore this subject further, the *Radiootron Designer's Handbook* provides a complete listing of RMA standard value resistors with tolerances of 5, 10 and 20%.

Also of interest is the article by Arthur Van Dyck entitled "Preferred Numbers" in the *Proceedings of the Institute of Radio Engineers* for February 1936. Van Dyck invites comment from the radio industry on the "preferred numbers" recommended by the American Standards Association. The preferred number system establishes several series of numbers increasing by standardized percentages for broad application across many industries.

**The Happy Ending.** The availability of such a large selection of resistors was sure to please the design engineers. The manufacturers of resistors must have been jubilant. Considering the overlap of standard resistor values, every resistor coming off the production line was bound to fall within some range of accuracy. It was a production foreman's dream come true.

Essentially, capacitor values were standardized in the same manner and for the same reasons.

*The six questions regarding electrical power distribution have been consolidated into the following simplified question:*

### **Why do power companies use a variety of frequencies in generating electrical power, and why were certain frequencies adopted?**

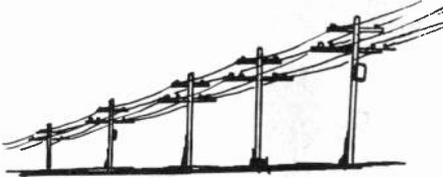
Like so many things in life, making a decision regarding the frequency at which electrical power is generated and consumed is a matter of compromise. Each frequency range has certain advantages and disadvantages.

Without getting too deeply into the theory of AC

electricity, a few brief statements regarding some basic principles may be helpful. Electrical motors and transformers are frequency-dependent. They perform differently as their operating frequency changes. In addition, electrical devices are not 100 percent efficient and will exhibit power loss in varying degrees according to their type.

Probably the most dramatic example of power loss is the heat generated by a resistor. In similar fashion, the copper wire in a transformer or motor contributes to power loss because of its resistance. But fortunately, at power line frequencies, the resistance (or "copper loss") is not frequency-dependent. So for the purposes of this article, we need not address this relationship.

But a transformer or motor does suffer a frequency-dependent loss which is called "iron loss" or core loss. Iron loss results from hysteresis and



eddy currents in the magnetic core. Because iron loss increases as frequency increases and diminishes as frequency decreases, it is a significant factor in electrical design and thus pertinent to this article.

On the other hand, as the power line frequency decreases, the required amount of "iron" or magnetic core material increases. While one type of problem may be solved by selecting a higher or lower power frequency, the advantages offered by that selected frequency may be offset by certain disadvantages. Thus, the need for a compromise in frequency selection becomes obvious.

**Radio Design Considerations.** Some examples of how the power line frequency affects radio design may be useful. Radios designed for operation at the lower frequencies (25 to 50 Hz) require power transformers with more "iron." Additionally, the filter capacitors in the radio's power supply must have a larger capacitance. These requirements are distinct disadvantages in terms of cost, size and weight. Naturally, radio designers would prefer a 60 Hz power source.

Although we have cited some examples of how the choice of power line frequency affects the design of radios, the same fundamental rules apply to electrical motors and power distribution transformers.

**25 Hz Power.** Using 25 Hz has an additional disadvantage. An incandescent lamp operated from 25 Hz power produces a noticeable flicker which can be very annoying. The human eye is incapable of detecting flicker at higher frequencies.

On the positive side, large industrial motors operated on 25 Hz are more efficient than those that run on 60 Hz. Additionally, at 25 Hz generator design and construction is much simpler and, of course, cheaper. These generators run at a lower rotational speed which reduces maintenance problems. When used for industrial pur-

poses, the motor's large size and heavy weight are offset by the advantages of greater efficiency and lower operating costs.

On the other hand, small fractional-horsepower motors typically used in household appliances would have to be much larger and heavier when designed for use with 25 Hz power. As in the case of the radio transformer described above, more iron and copper are required. Consequently, 60 Hz is a better power source for small motors where cost and weight are important factors.

**Higher Frequencies.** Since the size and weight of transformers and motors can be reduced when designed to operate at higher frequencies, the answer seems simple — let's use a higher frequency. A great idea except for one problem. Remember that iron losses increase as the operating frequency is increased. So again we are faced with a trade-off decision.

Can we accept lower efficiency to achieve a smaller and lighter transformer? Probably not in most cases, because lower efficiency means more power lost in the form of heat. The generation of excess heat in transformers and motors is not desirable. This is particularly true for household appliances.

But in some applications the reverse is true. In airborne equipment for example, small size and light weight are very desirable characteristics. As a consequence, avionics engineers have chosen to sacrifice efficiency for reduced size and weight by utilizing 400 Hz power. Because 400 Hz is more easily filtered, its use has the added advantage of reducing the size of filter capacitors.

**The Best Frequency.** So, is there a "best" frequency for the generating power? Not really. It all depends on the needs of the user. Table I summarizes the pros and cons of higher and lower frequency choices. However, 60 Hz seems to be a good compromise. Is it superior to 50 Hz? In "real life" terms, probably not. As several writers pointed out, if qualified people were given the task of selecting a frequency for widespread power generation, they would very likely select 50 or 60 Hz.

Consider that the European countries have used 50 Hz power for many years and at 220

*(Continued on following page)*

	<u>Lower Frequency</u>	<u>Higher Frequency</u>
Copper Loss	Same	Same
Core (iron) loss	Lower	Higher
Transformers		
Size	Larger	Smaller
Weight	More	Less
Running Temp.	Cooler	Hotter
Efficiency	Higher	Lower
Power Supply Filter		
Capacitors	Larger	Smaller
Lamp Flicker	Annoying	Not Perceptible

*The Advantages and Disadvantages of Lower and Higher Power Frequency Choices.*

Table I.

(Faragos, continued)

volts as well. Some writers addressed this subject of Europe's preference for 50 Hz. They indicated that 50 Hz was chosen because it was more suited to the long-distance power distribution from hydroelectric plants. At Niagara Falls in 1893, 25 Hz was chosen as a compromise among several possible frequencies dictated by the already fixed turbine speed of 250 rpm.

Once a nation, or geographical area, selects a particular power source, it is pretty much locked in. Economic considerations usually prevent major changes in the characteristics of generating stations even if another frequency might offer some advantage. So, decisions to use 50 or 60 Hz that were made long ago are unlikely to change.

Some writers pointed out that high-voltage 25 Hz power is still used in the U. S. to run electric railway trains and heavy industrial machinery. The November 1990 *IEEE Spectrum* reports that Canada, at Niagara Falls, still has about 250 megawatts of 25 Hz generating capacity being distributed to Canadian industry which has not converted to 60 Hz.

**Advantages of Direct Current.** The reasons power companies use 500 kilovolts DC for long-distance transmission are many. For one, a DC system requires only 2 wires as compared to 3 for an AC system. A DC system is also more efficient because it is not subject to the line reactance losses which occur in an AC system. In an AC system, very long transmission lines have an inductive reactance which requires the use of corrective capacitor banks. Another advantage of a DC system is that it does not present the phasing problems associated with AC.

**Disadvantages of Direct Current.** As you might suspect, there are some drawbacks to a DC system. In an AC system, transformers can be utilized to increase or decrease line voltages. Since transformers can only be used in AC circuits, this ability to change line voltages easily is lost in a DC system. And in a DC system the electrical power, which is generated initially as AC, must be (1) rectified to DC for transmission, and (2) converted back to AC at the end of the DC line for local distribution.

Rectification and conversion are accomplished by huge banks of solid-state devices. Because of the high cost of these equipment banks, the use of DC is usually reserved for situations that call for very long transmission lines. In the case of long transmission lines, the savings realized from the use of the more efficient DC system more than offset the added cost of conversion equipment.

### **Why was Tesla's proposed use of a "wireless" or high power RF method of power transmission squashed?**

Tesla's proposal failed on both technical and economic counts. On the technical side, wireless transmission of power is extremely inefficient. While it is possible to transmit very high powered radio signals, the characteristics of radio propagation are such that a transmitted signal is subjected to high losses as it travels through space or the earth. As a result, received radio signals are usually measured in terms of millivolts or

microvolts rather than volts.

Even by employing very large, or highly directional, transmitting and receiving antennas, it is not possible to obtain sufficient energy at the receiving end. It is unlikely that the possible health hazards created by high power electromagnetic radiation were a factor in Tesla's time, but such a scheme would certainly be opposed today.

On the economic side, serious questions arise concerning just how a power company could monitor power consumption or collect payment from the consumers of radiated power.

### **Why did farm systems use 32 volts instead of 24 or 36 volts?**

Farm systems were operated from 2-volt lead-acid cells connected in series to supply 32 volts DC. Recharging was accomplished by generators driven by gasoline engines or wind power. Manufacturers of the gasoline engine types in-



cluded Kohler and Delco. The windmill-type generators were built by Windcharger.

Only a few responses to this question were received, and all the writers admitted to guesswork or some degree of uncertainty. One writer suggested that the selection of 32 volts might have been related to the 32-volt lighting system used by the railroads in passenger cars, a fact which would have made lighting fixtures and lamps readily available.

At the time, 8-volt batteries were used in some trucks and tractors. The availability of these batteries may have influenced the selection of 32 volts. Four of the 8-volt batteries would, of course, produce 32 volts.

The use of 32 volts had an obvious advantage over 24 volts because a smaller gauge wire could be used in the 32-volt system. Then why not go to 36 volts and use even smaller gauge wire? It was probably desirable to keep the number of 2-volt cells to a minimum because of their cost.

### **READER SUPPORT**

The response to these challenging questions from the readers of A.R.C. was heartening. The large number of responses and the volume of material involved made it impossible to acknowledge individual contributions. To those readers who took the time to provide answers, I hope you recognize your input, if not your exact words, as valuable contributions to this article. Your participation is greatly appreciated.

(Ray Bintliff, c/o A.R.C., Box 2, Carlisle, MA 01741)



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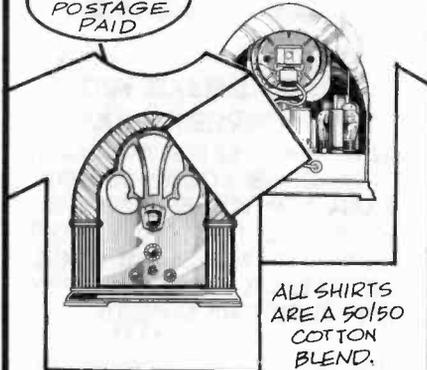
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**WANTED:** Cabinet for Phantom Prince. Bruce Fredrick, 9040 Caballero Dr., Alta Loma, CA 91737. (714) 466-6803

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**WANTED:** Wirewound potentiometer, 50 watts or more, 5 to 10 ohms. Fred Kaepfel, 3311 Epworth Rd., Newburgh, IN 47630. (812) 853-0093, leave message

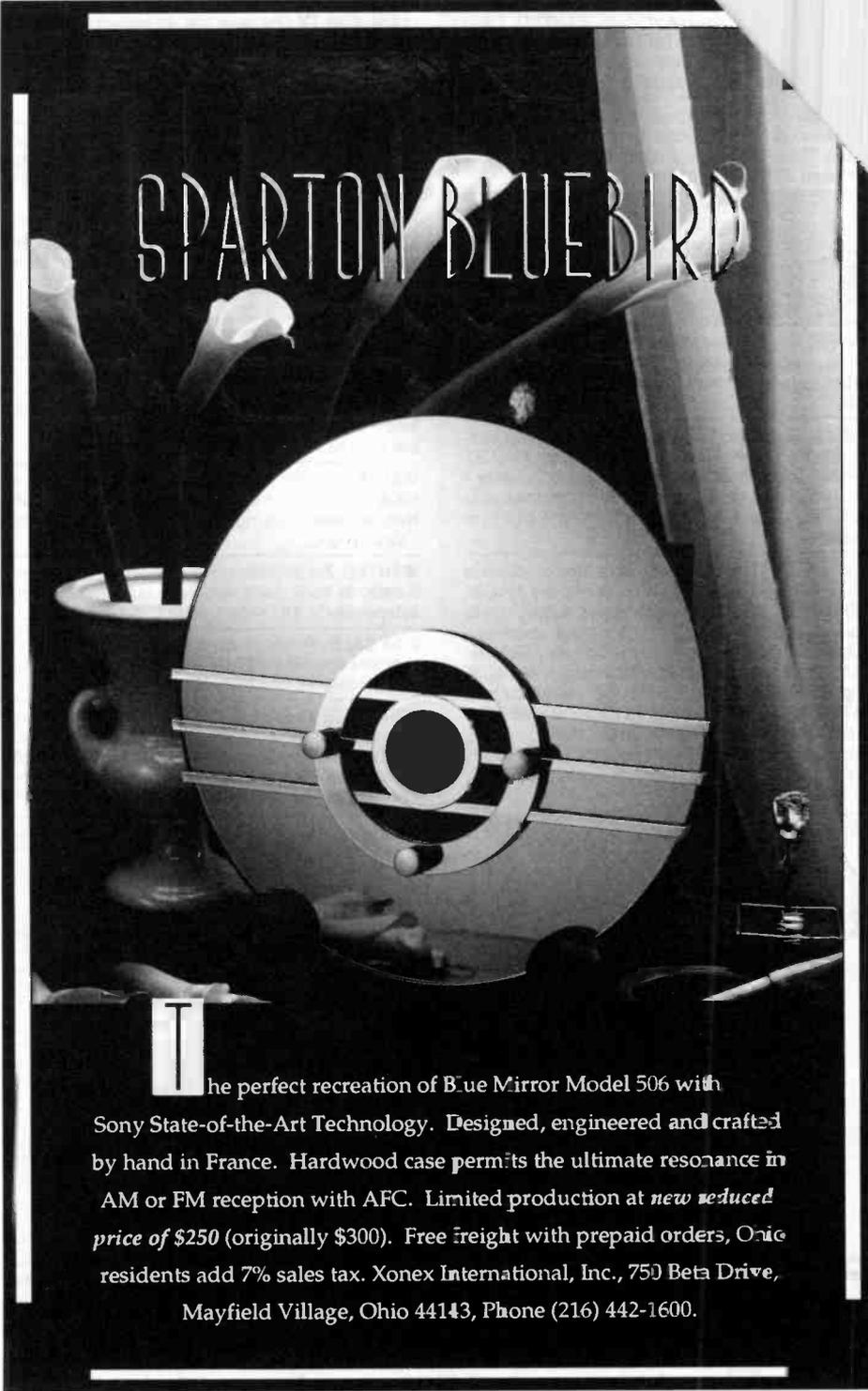
**WANTED:** Schematic for RCA 400 16mm sound movie projector. Richard Matiaschek, 2212 S. 139th Ct., Apt. #3, Omaha, NE 68144

**FOR SALE:** Power transformers, N.O.S., OP-580VCT-275mA, 5V-2A, (3) 6.3V-2.2A, 6.3V-1.2A - \$10/3. OP-12.2VCT-6A, 8.5V-5A - \$10/3. OP-24VCT-8A or 12V-16A - \$18, \$50/3. OP-40VCT-1.5A - \$3, \$10/4. OP-48VCT-3A, 15VCT-1A, 25VCT-.25A - \$10/3. Sockets: octal - \$4/8, miniature 7- or 9-pin - \$3/9. + UPS. LSASE. Thousands of great buys. Fertik's, 5400 Ella St., Philadelphia, PA 19120. (215) 455-2121

**WANTED:** Philco 84 chassis, working or complete; Volume & Dial-pointer knobs, speaker bolts. Robert G. Wheaton, W5XW, 16015 White Fawn, San Antonio, TX 78255. (512) 695-8430

**WANTED:** RCA 621 TV. I have working 17" Predicta for partial trade or will buy outright. Also need RCA sweep generator WR69 and WR70A marker-adder. Barry Dalton, N7XEP, 196 Kilborn Dr., Grants Pass, OR 97526

# SPARTAN BLUE BIRD



**T**he perfect recreation of Blue Mirror Model 506 with Sony State-of-the-Art Technology. Designed, engineered and crafted by hand in France. Hardwood case permits the ultimate resonance in AM or FM reception with AFC. Limited production at *new reduced price of \$250* (originally \$300). Free freight with prepaid orders, Ohio residents add 7% sales tax. Xonex International, Inc., 750 Beta Drive, Mayfield Village, Ohio 44143, Phone (216) 442-1600.

s for restoration and repair.  
nd \$1.00. **WANTED:** Tubes  
x list. John Burdick, S & J  
St., Madison, WI 53713.  
256-4113, fax

s of installation/operating  
for Packard automobile  
rel, 201 Deer Meadow,  
37-1707

of radio and television

original boxes in RCA carrying case  
(circa 1940-60's) w/Sylvania tube tester Type 220.  
Send LSASE for list of tubes. Best reasonable offer  
by December 1. Louis Schmidt, 1362 West Front St.,  
Lincroft, NJ 07738-1119. (908) 741-4223

**WANTED:** 1933 Philco Model 57C tabletop, chassis for  
Montgomery Ward Model 62-192. Chuck Sundgren,  
1818 Alder Ave., Richland, WA 99352-2424. (509) 943-  
6161

**FOR SALE/TRADE:** FADA 652, Belmont 6D111, Olymp-  
pic 6-501, Crosley-Duettes, Color Radios 11-118U,  
10-135, Coke cooler; Dahlberg, pink, green, white +  
box, radio mike and more. Victor Zummo, 20344 Mobile  
St., Canoga Park, CA 91306. (818) 883-8468 after 6 pm  
Pacific

**FOR SALE:** Test equipment from closed technical  
school: B&K E200D solid-state RF generators AM/CW,  
100 kHz-216 MHz, calibrated/metered output, crystal  
markers, manual, vg - \$95. Labvolt test equipment,  
solid-state, excellent condition - \$45 ea., \$82/pair.  
AA772 power supply with 6.3VAC 2 amp, 0-40VAC 2-  
amp; 0.5-40VDC 1-amp, 30-300vDC 100mA outputs.  
AA779 dual RF/AF generator, AF: 20Hz-200kHz, sine  
or square wave output; RF: 200kHz-4.8 MHz, internal/  
external modulation. More test equipment, list - SASE.  
E. Kirk Ellis, KK4YP, PO Box 581, Princeton, NC 27569.  
(919) 936-3000, evenings

**FOR SALE:** Many nice consoles and wooden tabletop  
radios. Also TV and radio test equipment. See me at  
Oct. 10 IHRS meeting in Greenfield, Ind. or send LSASE.  
The Magic Eye, Classic Radios, Mike Clark, R.R. 2, Box  
90, Franklin IN 46131. (317) 738-4649, eves. and  
weekends

**WANTED:** Dial cover for boxy Bakelite clock radio,  
Truetone Model D-2216B, D-2217B. Warren Clarke,  
4309 East Conley Rd., Conley, GA 30027. (404) 361-  
0500

**WANTED:** Knobs for yellow DeWald 561-2 Catalin,  
also knobs for yellow Fada 652/252 Catalin. Merle  
Jones, 5626 Memory Ln., Fair Oaks, CA 95628. (916)  
965-1177

**FOR SALE:** After 40 yrs. of service - radios, equip.  
books, parts. Send LSASE for list. Robert Rossi, 10936  
Melbourne, Allen Park, MI 48101. (313) 386-8321

**FOR SALE:** DuMont RA-109 chassis, finest TV of its  
time - Best offer/Trade. Scott Overstreet, 23200 Enci-  
nal Ct., Los Altos Hills, CA 94024. (415) 941-3714

**WANTED:** 1950's new ATB potentiometers 100K to  
500K, 2W carbon resistors, controls. Mr. Hsieh Weh-  
Hwa, 4FN0402 Hopping W. Rd., Sec. 3, Taipei City,  
Taiwan R.O.C.

**WANTED:** Zenith Walton set 7J232, 9S232, have Porto  
Baradio to trade. Let's talk. Jerry Luttrell, 123 Ward,  
Independence, MO 64050. (816) 836-4002, eves.

**FOR SALE:** Philco Model 47-1227, AM-FM, phono,  
excellent condition - \$79. David Hunter, 6618 Parker  
Rd., Wadesville, IN 47638. (812) 985-2379

**FOR SALE:** Crosley 817 installation and operating  
instructions, original, mint, in jacket, 8 pages, with  
leading shortwave stations list and schedule included,  
photocopies - \$5; one original - \$50, sent. Mick Cata-  
lano, 317 W. 11th, Mitchell, SD 57301. (605) 996-5925

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circuits.

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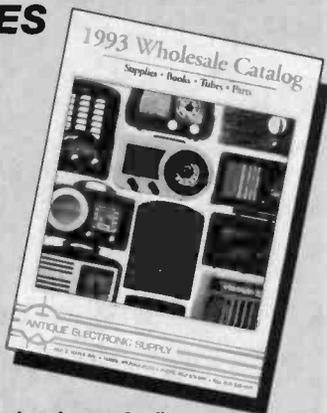
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wire, batteries, tools, etc.

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Extensive offering of literature  
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diagrams.

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# ANTIQUE ELECTRONIC SUPPLY

6221 S. Maple Avenue, Tempe, AZ 85283, Phone (602) 820-5411, FAX (602) 820-4643

**WANTED:** Radak R-3. Will pay dearly for a nice original. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517

**WANTED:** Atwater Kent breadboard radios and parts, basket cases OK. I'll pay \$200 each for Type II and coupled circuit tuners or trade other AK parts. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. (805) 934-2778

**FOR SALE:** Synchronous detector for 455 kHz IF receivers. Dramatically improves AM: reduces fading distortion, selectable sideband cuts interference. Kit-\$139. Built/tested-\$199. Info-\$3. Steve Johnston, PO Box 3420, York, PA 17402-0420

**WANTED:** Reasonably priced small transistor radios. Will buy all you have. Write or call. Doug Ferrero, WB8YNZ, 33673 Chatsworth, Sterling Heights, MI 48312 (313) 268-3677

**WANTED:** Miller AM tuner, any condition, broken, parts missing, OK. Richard Matisek, 2212 S. 139th Ct., Apt. #3, Omaha, NE 68144

**FOR SALE:** Radio schematics - \$1.50 postage paid. 1920 to 1952, make and model number must be known. Kevin Ramos, PO Box 417783, Sacramento, CA 95841-7783

**WANTED:** Reproduction Dionne Quintuplets decals for Stewart-Warner A-6S. Please call collect or write: Cecil Joyner, 308 Whitehall Dr., Rocky Mount, NC 27804. (919) 442-7073, evs.

**MESSAGE:** Thanks to all for Tunnel Diode book leads.

**WANTED:** Viking 85-Series tape transport (mechanism only) from late '50's in very good shape. This one had two motors and concentric knobs at upper right. Jim Wood, 5936 Plateau Dr., Felton, CA 95018

**WANTED:** Motorola 51X16, especially red/black. CA or AZ only. Gary Glazier, 3031 El Caminito, La Crescenta, CA 91214. (818) 248-1693

**WANTED:** Microphones, bullet-shaped dispatchers mics from the 40's, 50's and 60's, working or not. Astatic JT-30, T3, Mod 7. Shure 707A, 520. American C7H, D5T. Ronette B110, G210. Turner Bx, Bd, CX, CD. Spotlight TL20. Kent M135, M120, M20. Also crystal elements for many mics listed, and screw-on volume controls by Monarch, T-710, and Switchcraft, T29. Mike Fore, 1116 Jessamine Rd., Lexington, SC 29073. (803) 796-3903

**WANTED:** Zenith airplane or sailboat Trans-Oceanic Model 7G605 portable or just front door. Steve Melvin, 34 Deep Brook Harbor, Suffield, CT 06078. (203) 668-6821

Your friendly *Breadboard Broker* has received another shipment from the museum, including:

a 9C, a 9V, 4 #10's and 2 #4340 Radiodynes, 1 #4066, and other choice pieces of other makes.

Paul Giganti - (415) 593-4723  
2429 San Carlos Avenue  
San Carlos, CA 94070

**FOR SALE:** Novelty sets; the following numbers are from Bob Breed's notable publication: 158, 178, 179, 195, 211, 220, 222, 224, 238, 250, 268, 274, 317, 320, 325, 364, 399, 400, 411, 430, 460, 463, 484, 486, 488, 496, 497, 509, 517, & (30) more that are not yet published. Don't need money; trade for good rowboat, plastic toys from '50s & '60s, plastic doll furniture, acetylene torch, drill press, 1983 to 1990 Lionel-Flyers 8350, 120089, 48308. Robert Rogers, 1407 Riverside Rd., Old Hickory, TN 37138. (615) 847-2475, 6 pm CST

**FOR SALE:** Wavemeter, General Radio Model 566A, complete with 4 frequency coils - \$125. Combined AM generator with VOM, Triplett Model 1175, battery operated with original 1940 batteries - \$55. AM signal generator, Model 088 Philco, battery operated - \$40. Color bar generator, Sencore Model CG22, modified for AC operation - \$35. "TV Tuner Subber", Castle Model MKII, battery operated - \$25. AIM 46 channel converter, Model 4970, cable VHF to UHF, N.I.B. - \$25. Plus shipping. J.J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

**WANTED:** Please help, I need a set of 6 Call Letter Holders and the push-button switch and coil assembly for a Zenith shutter dial Model 9S365, Chassis #5906. I am willing to purchase the entire chassis to get these switches. Thanks for any help. Carlton Ward, 120 Vassar Dr., Lake Worth, FL 33460. (407) 588-2272

**FOR SALE:** R390As, R388s, SP600s, other receivers. Modules, parts available. LSASE for new list. A. F. Scudato, AFS-A, 107 Fayton Ave., Norfolk, VA 23505

**WANTED:** Crosley 51 or 52 audio transformer, open OK. DeForest 01-A. Clapp-Eastham HR. Carl Steinberg, 5 Cannan Rd., Monsey, NY 10952. (914) 352-0701

**WANTED:** FB7/X parts. National power supplies 5887, 5897, GRSPV-6. REL Bakelite panel transmitter. Richard Groshong, 6604 Kent Dr., Cedar Rapids, IA 52402. (319) 377-3144

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AS GOOD AS THE ORIGINAL  
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### Patterns currently in stock:

- #2 *Herringbone*
- #3 *Philco 70/90*
- #4 *Small Diamond (as in Peter Pan)*
- #5 *RCA/Zenith/Echophone*
- #6 *Philco 'V' (Green)*
- #7 *Philco 'V' (Brown)*
- #8 *Philco "Ribbed" (for late '30s)*
- #9 *Atwater Kent Yellow (165, 217, etc.)*
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### Other patterns on order:

- *LARGE DIAMONDS PATTERN*
- *EMERSON AU-190 CATALIN*

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SEAFORD, NY 11783  
(516) 781-6202 (EVENINGS)

**WANTED:** Radiola loop antenna parts for Model AG-814. Leonard J. Arzoomanian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

**FOR SALE:** LSASE for list of new/used receiving tubes; octal, loctal, miniature, some older. Will trade for old or unusual tubes or related material for my collection. John H. Walker Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

**FOR SALE:** Emerson 507 green dial - \$30. Westinghouse portable two-tone green - \$35. Both w/ frt. Norman M. Landis, 1315 Marbendale Ct., Kirkwood, MO 63122. (314) 821-7933

**WANTED:** AK 66 console or chassis. Lance Wilson, 8429 Via Linda, Scottsdale, AZ 85258. (602) 483-8993

**WANTED:** 3-tube shields for Majestic 70. Herman Gross, W91TT, 1705 Gordon Dr., Kokomo, IN 46902

**FOR SALE:** (5) 01-A tube sockets, made of clear glass - Best Offer. Dale Kinstler, W1361 Aasen Rd., Bangor, WI 54614. (608) 486-2589

**FOR SALE:** Cathedrals: Philco 70 - \$225, Echophone S-3 - \$225, Reverse Jr. - \$225, AK 944 - \$175, Gloritone 99 - \$250, Musette - \$250. Motorola brown plastic Model 51A - \$75. RCA doghouse w/Nipper & Chipper inside - \$50. RCA mirror - \$30. RCA small black & white porcelain sign - \$35. Zenith light-up sign - \$125. Red Arvin Hop-A-Long Cassidy - \$450. All plus UPS. Call after 6:30 pm Central Time. John Miller, 8144 Scott Blvd., Cottage Grove, MN 55016. (612) 459-0939

**WANTED:** Manuals for Heathkit 07 and DeVry IG09 oscilloscopes. RCA Victrola needle head, 1940. Fred Howard, 1606 Jackson St., LaCrosse, WI 54601

**FOR SALE/TRADE:** Belmont 6D111. Crosley 11-114U. 1946 two-tube radio kit in orig. box never assem. Bob Fuschetto, WA2BCR, 1758 Michael Dr., Whitehall, PA 18052. (215) 435-8944, call from 7 to 9

**FOR SALE:** Emerson Art Deco radio, wood cabinet blue & gold dial gold checked plastic front #700000 chassis vg - \$90. Emerson #441 Art Deco radio wood cabinet, plastic berle front, gold perforated dial background vg - \$90. Zenith Royal #705 early 60's transistor radio brown leatherette case good - \$21. Westinghouse H76907, early 60's transistor radio, brown leatherette case very good - \$23. All prepaid. Mrs. Gaskins, 227 Risen Ave., Campbellsville, KY 42718. (502) 465-3755

**FOR SALE:** Channel Master 6509 blackw/leather case - \$30. Channel Master 6512 red w/box and instructions - \$55. Airline GEN1218A black - \$25. Hitachi TH-848 M.I.B. - \$25. Jewel 5310 red - \$25. Zenith Royal 400 black w/leather case, small chip on side - \$15. Travler 5356 brown Bakelite, small - \$25. Zenith X514 clock radio brown Bakelite - \$30. Sylvania 544M clock radio red w/unusual large electro luminescent clock face - \$25. Century tube tester w/charts - \$35. All in good to very good condition and working. Michael Rozniak, 7439 Coachlight Ln., Liverpool, NY 13088. (315) 451-0781

**WANTED:** Rider's Radio 1. Chassis for AK 228 and Philco 42-340. Brian Kurrie, 208 Crafton Rd., Bel Sir, MD 21014. (410) 592-6202, day; (410) 838-6534, night

**FOR SALE:** J.W. Miller coils and transformers for TV sets. Peaking coils, IF cans, etc. Send SASE with wants. Jeffrey Viola, 475-B Eltone Rd., Jackson, NJ 08527. (908) 928-0666

**FOR SALE:** VOM-Phaotron TS352B/U - \$25. Heath 2er - \$25. Laf. rcvrs: HA63 - \$45, HA600A - \$50. H. Mohr, 1005 Wyoming, Allentown, PA 18103. (215) 435-3276

**FOR SALE:** Philco Type 90 in excellent condition - \$495. Philco Type 18, very good original with no cabinet problems - \$295. Joe Nocera, 1222 Finch St., New Castle, PA 16101-4840. (412) 658-7805

## WANTED Top Prices Paid

**Radio & Audio Tubes:** 2A3, 45's, 50's, 845, 8005, KT66/88, etc.

**Western Electric Tubes:** 101, 102, 104, 203, 305, 211, 212, 242, 244, 252, 262, 264, 271, 274, 275, 276, 284, 285, 300, 301, 310, 339, 345, 347, 348, 349, 350, 421, 422, VT25A, VT52, etc.

**W.E. Speakers & Tweeters:** 555, 594, 595, 596, 597, 713, 728, 754, 755, 756, 757, TA4151, 4153, 4181, 4191, 4194, etc.

**W.E. Consoles & Amps:** 25B, 41, 42, 46, 86, 91, 92, 94, 95, 105, 106, 117, 118, 120, 121, 124, 129, 130, 131, 142, 143, etc.

**W.E. Horns:** 22, 24, 25, 26, KS-6368, 12024, 12025, 12027, etc.

**W.E. Microphones & Parts,** etc.

### Also looking for:

*Tube-type equipment by McIntosh, Marantz, Westrex, ARC, Leak, Quad, Langevin, Altec, Telefunken, Siemens, Neuman, etc.*

*Vintage speakers, units, by Tannoy, Jensen, Altec, JBL, EV, Telefunken, Siemens, etc.*

**Audio City USA, PO Box 802, Northridge, CA 91328-0802  
(818) 701-5633**

**WANTED:** 15" P.M. speaker. Edward R. Barbacow, 330 Ceylon Rd., Carmichaels, PA 15320

**FOR SALE:** Parting Radiola 66 - have escutcheons, knobs, speaker, most chassis parts, grille cloth. Brent Jobe, 2033 E. Third St., Corinth, MS 38834. (601) 286-3733

**WANTED:** Jewel Wakemaster clock/radio Model 5U57U (Bunis II, p. 101). Zenith Royal 500's. Motorola VT 105 10" television. Tony DeMara, 40231 Day, Clinton Township, MI 48038

**FOR SALE:** Jukebox Collector Magazine (sample \$3, subscription \$30), 2545 S.E. 60th Ct., Des Moines, IA 50317. (515) 265-8324

**WANTED:** Dial plate for Apex 7A cathedral, one knob for Radiola 18, manual and any other literature for B&K Model 700 tube tester. Don Ignatius, RR1, Box 581, Richmond, OH 43944-9734. (614) 765-4844, ans. after 4th ring

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**FOR SALE:** Three leather portable radio cases from the 50s - \$6/all. Two old P.A. amps Stromberg #34 and Operadio 1010. Make offer. Parting out DuMont 279 scope. Magnacord PT6A deck, Garrard 770 changer, Fisher CA-283 amp - Make offer. (12) large heat sinks 4" x 4" x3" - Offers. **WANTED:** E and F coils for HRO-60, also dial scale for these. JVC HR-D566 VCR working or not. RCA 6XY5 and 9EY3, any condition. Sonotone IP phono cartridges new or used. Al Manieri, 384 Bates St., Phillipsburg, NJ 08865. (908) 454-3699

**SERVICES:** Quality repairs to tube & transistor radios, audio components, and guitar amplifiers. UPS or walk-in. Salt Marsh Electronics, 19 Millfield St., Woods Hole, MA 02543. (508) 457-9220

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**FOR SALE:** B1 Dec. 1991, a excellent cont Fothe, 10 Jar 753-2090

**FOR SALE:** both. RCA V chassis Mor w/tubes - \$ Mod 60C c ette-3, vg \$ - \$45. (50) TV News- Book 193 MT 5910

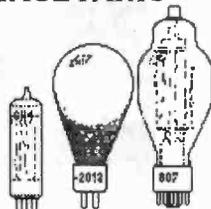
**WANTED:** Schematic or tube layout 292x and 315 signal generators. Also need working chassis for Crosley Model 647 mirror dial, will buy entire radio, or trade Olympic Model T-532 table model, or EICO Model 625 tube tester, exc condition. Also need spkr for RCA 9K1 console. Also looking for Crosley Models 11-114 and 11-100 in exc cond. and any color except black or white. Have other radios for trade. Contact: Terry Kelly, Magic Eye Radio, 176 Brey Rd., Santa Rosa, CA 95409. (707) 537-1357

**FOR SALE:** Pilot table radio Model 11252, AM, SW, excellent - \$65. Firestone S-7403-3 table, BC AC sharp - \$80. Philco 40-120 (Bunis I, p. 111), case refinished - \$40. Truetone table model 195, cracked on top but reglued, fair - \$10. Emerson Model 587-B white marbleize, very nice - \$65. Jean-Bpte. Desautels, K4VGD, 616 N. Silver Cir., Silver Shores, Key Largo, FL 33037-3840. (305) 852-2109

**FOR SALE:** Radio dealer retiring. Free test equipment. List for large SASE, newly expanded. Tubes available, individual basis - send needs & SASE. Maurer, 29 South 4th St., Lebanon, PA 17042. (717) 272-2481

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**TUBE  
TIMES**



...zer Model 665 Type-  
... Any Weston meters in  
... manuals, etc. Photos will be  
... needed. Brian Rhodes, PO  
... NJ 07840-0241. (908) 459-

... 270 Cygnet transceiver, mint with  
... 00. Steven Baldauf, KF8OS, Box 195,  
... MI 48461. (313) 688-3228 or (313) 688-

**SALE:** Books, all ppd.: Electrical Communication,  
... - \$8; Elements of Radio, Marcus - \$8; Audels  
... Radiomans Guide, 1960 - \$15; Electronics, Millman  
... and Seely - \$8; Fundamentals of Engineering Electronics,  
... Dow - \$8. R. J. Eastwick, N2AWC, 224 Chestnut  
St., Haddonfield, NJ 08033. (609) 429-2477

**WANTED:** Cabinet for Hammarlund SP600JX14. L. A.  
Locklear, 1122 36th St., Gulfport, MS 39501. (601) 864-  
8384

**WANTED:** RCA UZ 1320 or 1325 in v good conditions.  
R. E. Simonetti, Oakwood Vill., Bldg. 103#5, Flanders,  
NJ 07836. (201) 584-6057

**MESSAGE:** Thank you to all who attended the 1st  
Annual Old Time Radio Days in Brownville, Neb., in  
September. Due to the enthusiasm of the exhibitors, we  
had over 300 sets on display, and swap meet vendors  
from 8 states in attendance. Overall a very successful  
meet. A special thanks to Steve Barker, Ed & Irene  
Ripley, Michael Lawlor, and Mark Van Roojen for your  
participation. See you in '93. Randy King, Midwest  
Radio Club, 3017 Orwell St., Lincoln, NE 68516

**WANTED:** (2) audios & clamp for Tuska amp Model  
226. Have radio parts to trade: Radiola IV, Radiola V,  
Zenith VII & AK 20s. Write: Gilferd L. Baker, Vintage  
Radio & Phono, Box 139, 112 Pearl St., Emden, IL  
62635

## FOR SALE/TRADE:



This McIntosh MC30 Type A-116-B 30-watt  
amplifier with or without tubes; car-radio —  
BECKER "GRAND PRIX" STEREO with  
AFC REIMS 10 ADAPTER (pretuned);  
Stereo Amp and the "OLYMPIA" STEREO  
CASSETTE PLAYER. Will sell but prefer  
swap for prewar TV set, or 3- and 5-inch sets  
to 1950.

**Rudi Sillen**  
**Limberg 31- B-2230 Herselt**  
**Belgium**  
**Tel.: 14.54.68.89**

**WANTED:** Crystal sets, pre-1930's. Andy Reistetter,  
7418 N. Barton, Fresno, CA 93720. (209) 299-1369

**MESSAGE:** 1956 Hallicrafters Continental S-103-S.W.  
1933, July, Popular Mechanics. 1934, Oct. & Jan.,  
Popular Mechanics. 1955 Transistors Handbook. 1965  
Simplified Transistors Theory. T. Gasiorek, 201 Golden  
Ave., Briggsville, WI 53920

**WANTED:** Philco 70 escutcheon. David Martin, 1502  
Wood Thrush Way, Marietta, GA 30062. (404) 578-1279



**FOR SALE:** Kin-Tel D.C. Voltage Standard. Used main-  
ly for calibrating voltmeters but can be used as a power  
supply up to 20 milliamperes. A laboratory quality instru-  
ment, every conceivable voltage available from zero to  
500 volts including millivolts. \$100 plus UPS. Good  
condition. Ellsworth O. Johnson, 364 Coeurdalene St.,  
Spokane, WA 99204. Phone/fax (509) 838-2161

**HELP:** Help! Need chassis, knobs and speaker for a  
Stromberg 231-R. Help! I'd appreciate any information  
pertaining to a 1922 Raelco (Radio Electric Co., Detroit,  
Mich.) 3-tube receiver. Photos would be especially help-  
ful! Need a good 201A tipped rainbow tube with brass  
base for this set. **WANTED:** E.H. Scott radios and any  
literature for my collection. Call me for an opinion on your  
Scott. Also want old Vogue 78 rpm picture records.  
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**FOR SALE:** Zenith Trans-Oceanic transistor 3000-1,  
good condition, untested - \$135 or consider trade for AC  
cathedral. Bendix 736-B console, good shape, untested  
- \$95. Photos - SASE. **WANTED:** GE 400 Bakelite  
(Bunis, p. 76), in excellent condition. G. A. Gilardi, 181  
Berkeley Ave., Harahan, LA 70123. (504) 738-1415,  
after 7 pm weekdays

**FOR SALE:** Zenith pop up dial portable - \$50. Zenith  
Trans-Oceanic A-600 - \$65. Silvertone metal M2006 -  
\$70. Silvertone metal No. 1 - \$70. Airline metal No. 1  
chromed - \$85. Pocket-sized transistorized radios. Jim  
Montague, 921 S. Cuba, Spokane, WA 99202. (509)  
535-9576

**WANTED:** Am looking for gooseneck horn speaker in  
working condition, around 1925. Lawrence Horn, 1715  
Lansdale Ave., Bethlehem, PA 18017

**WANTED:** Grey GE 140 portable. Joe Myers, 459 Plumhollow, Maitland, FL 32751. (407) 834-4215

**WANTED:** Riders #2. James E. Caudle, 50 Rangeview Acres, Candler, NC 28715. (704) 667-9717

**FOR SALE:** Altec 345A, Eico HF 85, Fisher 500C, H.H. Scott LK 72 amp and LT 110 FM tuner, Heathkit AA 13. All with no mods. ARC 5 vintage 3 position receiver rack & 2 position transmitter rack, cables, modulator (with dynamotor), 4-5.3 and 5.3-7 MHz transmitters (unmodified), RX and TX control boxes, antenna relay unit. All best offer plus UPS. **WANTED:** Escutcheon, glass, tuning pointer for Silvertone console with 100156 chassis. Wally Gibbons, 1520 East 2100 North, Logan, UT 84321. (801) 752-2929, before 9 pm MST

**FOR SALE:** Excess test equipment! Model 221 Roto-Ranger 20K $\Omega$ volt Simpson VOM in strong leatherette carrying case, no manual - \$20. Heathkit Model IG-52 sweep & marker generator includes construction & op. manual - \$25. Model 667 Eico tube tester includes all construction & op. manuals - \$35. All above prices plus UPS. Ray Sanders, 342 So. Third St., Cottage Grove, OR 97424

**WANTED:** Industrial and theater amplifiers for collection; Williamson or Triode amps; tube books by Mullard, Brimar, GEC, or Osram; amplifier or hi-fi books; Peerless 226Q and UTC LS40 transformers; correspondence from former ERPI employees. Thanks: to all who responded to prior ads! Mark van Roojen, PO Box 83836, Lincoln, NE 68501-3836. (402) 438-3724

**FOR SALE:** Fisher 800C multiplex receiver with service manual. Pick up only. Chas. Chaplick, 212 Woodland Ave., Cherry Hill, NJ 08002. (609) 662-2371

**FOR TRADE:** Non-working chassis (audio works) for Crosley Super Buddy Boy, I22, for a working chassis of same \$\$\$ Gilferd L. Baker, Vintage Radio & Phono, Box 139, 112 Pearl St., Emden, IL 62635

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**WANTED:** TV-2 and/or TV10 tube tester. Will pay premium for good condition with manuals. Mike Barney, 242 Little Hill Dr., Stamford, CT 06905. (203) 329-1631, after 8 pm

**WANTED:** Philco Predicta Tandem mahogany TV in excellent condition and working. Bob Hays, 18 Canning St., Council Bluffs, IA 51503. (712) 323-8510

**FORSALE:** #2 large Jensen outdoor-indoor horn speakers with mounting brackets. Hydex projector Model V-H-20, 20 in. dia. 16 ohms - \$98 for both plus UPS. Harry Blair, 3401 S. Litanica Ave., Chicago, IL 60608. (312) 247-7949



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 updated modern merchandise catalog. Alan Jes-  
 person, PO Box 17338, Minneapolis, MN 55417. (612)  
 727-2489, 8 am to 8 pm CDT, 7 days. Fax only - (612)  
 727-1908

**WANTED:** Flyback transformer for RCA Model 741 projection television, or complete RF unit. Also need chassis for Zenith 9S262. Don Jackson, 1394 Dansey Ave., Coquitlam, British Columbia, Canada V3K 3H8. (604) 931-7245

**FOR TRADE:** Plaskon Kadette topper in white with brown trim, really beautiful and crack free. **WANTED:** Plaskon and Catalin radios. Please call: Gaelle Rebol, 7010 SW 48th Lane, Miami, FL 33155. (305) 662-1986

**FOR SALE:** Heath signal generator H68 - \$10. Knight signal generator - \$10. Heath lab signal generator - \$15. Knight KG-600C tube tester - \$10. Heath tube tester TC-1 - \$10. Heath transistor tester IT-1B - \$15. Garold Slagel, 306 S. 16th, Hot Springs, SD 57747. (605) 745-3265

**FOR SALE:** Genuine military (JAN) tube-type 16mm projector sets. Includes: 16mm projector AN/PFP-1; separate amplifier AM/424A with hook-up for 2nd projector (for continuous running) and phono jack; separate speaker also included. Entire set only \$150. Also available: Signal Corp. phonograph "Public Address Sets." All excellent condition. S & G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

**FOR SALE:** Not perfect radios: Fada Bullet 115 green with yellow trim - \$835, DeWald Harp - \$500, Sentinel 284 red heavy marbleizing - \$835, Stewart-Warner 62T36 - \$450, large Addison black with yellow trim - \$835, small rare Addison all green - \$700. Perfect radios: Philco Boomerang - \$375, Fada 652 yellow - \$475, Trophy baseball radio - \$700, Garod Commander yellow wrap-around grille - \$675. L. Grove, 4584 W. Ivanhoe St., Chandler, AZ 85226. (602) 961-4281

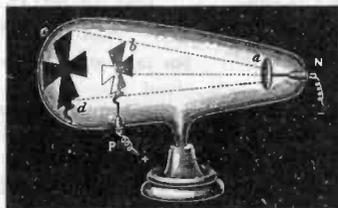
**FOR SALE:** Black Burns horn with concert driver, small crack 2 inch on 1 petal - \$22. Music Master Ware 4T, four-tube protrude from front panel - \$325. Midwest Ultra Six excellent panel and cabinet - \$350. Black radio microphone Station WOTLL, exc working - \$225. Federal 58 vg cabinet repainted, audio good - \$850. Peter Pan by Jackson Bell, exc working, knobs not original - \$700. Coke cooler radio vg, no cracks, original paint good - \$600. Philco table model colonial clock radio, exc and working, 1 finial not original - \$475. AC Delco wall radio, transistor, working - \$65. Small Emerson corner radio, cabinet by Ingraham, good - \$185. RCA 77DX microphone - \$650. Sharp PF-116 Chinese style radio, rare gold finish - \$225. Radio football game - \$25. Westinghouse Reliatorn tubes advertising thermometer - \$75. Waves, 32 East 13th St., New York, NY 10003. (212) 989-9284. Starting Oct. 24 new fax number (201) 461-7121

**WANTED:** Record players wanted: Fisher-Lincoln, Markel Playmaster, Garrod RC-60. Any Garrard RC2-50, Webster Series 70 and 100, Zenith twin-seven, Thorens 224, Thorens 126 or 520 with factory tone arm, RCA Victor 6XY5 series, any color, Philco Hip Pocket phonos and records. Lee Wells, 19 Summit Rd., Vernon, CT 06006.

**FOR SALE:** Philco lamp/clock radio combination, very early 1950s, blond cabinet, very rare with lampshade, can ship - \$95. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

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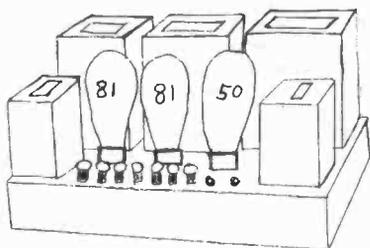
A HISTORY AND DEMONSTRATION OF GEISSLER AND CROOKES TYPE VACUUM TUBES FROM THE LATE 19TH THROUGH THE EARLY 20TH CENTURIES, AND THEIR ULTIMATE CONTRIBUTION TO THE DISCOVERY OF THE X-RAY.

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**FOR SALE:** Hallicrafters S-36-A, all original, clean, works, nice in every way, hard to find set - \$275. Call or write for info. Pictures - \$2. Refundable. All original manuals. S&H extra. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (813) 482-0198

**FOR SALE:** Hallicrafters SX-42 parts. Chassis is complete but band changing wafers are bad. No cabinet, no tuning capacitor cover, front panel is nice with green plastic dial covers. Some knobs missing. Clean unit. Will sell all or part out. Loren H. Dudley, 14 Valley Rd., Bath, ME 04530. (207) 442-8419



**WANTED:** Selectone power supply as shown. Has 2/81 and 1/50 tubes. Willing to pay top dollar. All lends appreciated. John T. Meredith, 1644 Parkside Cir., Niceville, FL 32578. (904) 897-7734

**FOR SALE:** Motorola B1W, GE T142-a, GE 573, Airline GSE 1556D, GE clock radio, RCA 45 rpm phono player (G.O.R., p. 118) - \$20 each plus shipping. Robert Stone, 610 N. Miami, Sidney, OH 45365

**WANTED:** 1950 clock radio Model 65 by General Electric, in good condition for sister & brother-in-laws 40th anniversary. George Neumeister, 565 Belmont St. NE, Warren, OH 44483-4942. (216) 394-3931

**FOR SALE:** Valves for sale, new and used European types, all cheap. Contact: A. Cavender, 288 Hexham Rd., Throckley, Northumberland, NE159QX England

**WANTED:** Old brass bladed fans. Trade for old radios or cash. **FOR SALE:** Zenith Wavemagnet - \$20. Dave Friedlund, 36006 SW Bald Peak Rd., Hillsboro, OR 97123. (503) 628-1439

**FOR SALE:** AK 55 chassis for Kiel table - \$75. AK speaker #F-4 - \$50. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

**FOR SALE:** Earphones - \$6 each. (3) Zenith hearing aids - \$30. Bakelite Stewart-Warner radio - \$40. Wall telephone - \$200. Zenith 6D029 radio - \$50. Add UPS charges. Clark Trissell, 3530 Pawnee, Lincoln, NE 68506. (402) 488-5263

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**WANTED:** Sams AR-1 D...  
tester manual. Original...  
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688-2026

**FOR SALE:** Philco 37690 consol...  
ers, 2 chassis, 15 watts audio, PP6B...  
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(814) 867-1400

**WANTED:** HT9 crystals: LD2 (80 and 160),  
20 doubled), and HF2 (10 doubled). Your price...  
Hudson, KA1TZR, 97 Southwood Dr., New Cana...  
06840. (203) 966-2859

**FOR SALE:** Red Emerson Patriot Catalin, 1" cr...  
above knob, otherwise perfect - \$800. Larry Drago, 38...  
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**FOR SALE:** Working Atwater Kent 60C chassis - Best  
Offer over \$100 plus UPS before December. Cecil L.  
McLaggan, Jr., 2005 Pearl Ave., Albany, GA 31707.  
(912) 436-8396

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radios, 6v & 12v car radios. Ken Clarke, 1306 Winslow  
Ln., Madison, WI 53711. (608) 274-0790

**WANTED:** A mint Zenith 95-447 power transformer for  
a Zenith 15U269 chassis. Kent B. Martin, 7803 Butter-  
field Dr., Elkridge, MD 21227

**HELP:** Information wanted on Triangle Industries Imper-  
ial Model 8U 127 large tombstone table radio with 7  
tubes plus magic eye. This is not the Triangle Electric  
listed in Rider's, which is apparently an Imperial car  
radio. Ernie Nagy, 1599 Boxford, Trenton, MI 48183.  
(313) 676-6491

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 ...722 S. Clay St., Delphos, OH  
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 ...leige, PA 16801.  
 ...B5 (40 and  
 ...Donald  
 ...ann, CT

**FOR SALE:** Heathkit SA2060A deluxe antenna tuner, still in kit - \$219. Heathkit SA2040A antenna tuner - \$169. Zenith U.S. Trans-Oceanic 7000, average working - \$225. RCA 45EY26 Alice in Wonderland Victrola, excellent decals, instructions carrying case - \$125. Guild Teakettle transistor, good, no base - \$55. Pilot T-511, working - \$50. G. Stevens, PO Box 704, Longmont, CO 80502-0704. (303) 776-9036

**FOR SALE/TRADE:** Zeniths: 5-S-218 cube, needs work - \$75, 6-V-27 oversized tombstone converted to AC - \$225, Pocket radio (black & chrome) with original color display box and battery - \$150, 6-D-311 Bakelite - \$110. Automatic 612X - \$110, Hallicrafters S-19 Sky Buddy - \$75, Silvertone 2 metal - \$40, Admiral 389-55 - \$100, Kadette Jewel (walnut) - \$100, Gloritone 27 (rebuilt/refinished, a fine specimen) - \$175, Emerson CW-279 - \$100, RCA 96T4 wood and chrome - \$100, GE E-101 monster 10-tube tombstone (great machine age styling!) - \$200, GE F-63 Deco tabletop - \$110, Majestic 156 wood "sled," very rare - \$225, Stewart-Warner 9000B chrome & wood - \$75. Transistors: Emerson 555 - \$60, Motorola X29N Fliptop - \$50, Gulton Everplay - \$45, Zenith Royal 40 - \$30, Philco NT-600 - \$30, (2) Emerson Hybrids - \$75 both (display or parts), Zenith Royal 500 white & coral - \$125, Herald hybrid - \$110. **WANTED:** Will pay top dollar or trade from my collection for: unusual wood Emersons (under Model #500), chrome grilles, 1933-35 Stewart-Warner with free-form grilles, any Wurlitzer radios. Call or write with description. Mark V. Stein, 2109 Carterdale Rd., Baltimore, MD 21209. (410) 466-2814

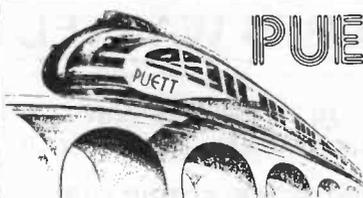
**WANTED:** Plastic ivory frame around face of Grundig-Majestic 1088, no cracks please. Thanks. Ed Kalpakian, 4622 Melbourne Ave., Los Angeles, CA 90027. (213) 661-1221

**FOR SALE:** Books, radios parts. Send want list with SASE. **WANTED:** Ham transceiver, six meter FM. Don Weiler, 4641 Kawanee Ave., Metairie, LA 70006

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**FOR SALE:** Rare Emerson 2 tube, Model 255. Brown Bakelite. Has partial cardboard back, orig. knobs. Case is very nice except for small crack on bottom side - \$200 OBO. Bob or Tia Trueeb, PO Box 127, Indianola, WA 98342. (206) 297-3327

**FOR SALE:** Radiola III/III-A fans! Long SASE brings free list of available literature: multi-page analytical treatise; emergency use as crystal set; factory authorized updates and modifications; manuals; manual excerpts; professional, enlarged diagram with itemized parts list giving all values; details on WD-11 substitute units; Lots more! WD-11 substitute units - \$11 ea. ppd. David P. Smith, Box 81, Olney, IL 62450. (618) 392-6601



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### Classified Ad Deadline Noon

Nov. 10 for Dec. 1992 Issue

Dec. 10 for Jan. 1993 Issue

Box, Ads with Photos & Display Ads - 1st

**WANTED:** Zenith 7000 Trans-Oceanic. Prefer excellent condition. (Also older models.) Phil Marie, 197 Main St., Niantic, CT 06357. (203) 739-9686

**FOR SALE:** Dahlberg pillow radio, pink, Deluxe - \$225 + UPS. Polley record cabinet, eject type, mahogany, 36"W, 22"D, 22"W - \$600, pickup only. Victor suitcase Victrolas: VV-2-55, VV-2-60, VV-2-65 - Best Offer + UPS. Four-spring motor for Credenza, VV8-30 - \$90 + UPS. Speaker Ambotone Reproducer, round, 17" across, needs repair - \$60 + UPS. Philco 90, vg condition - \$390 + UPS. Radio, RCA T-10-1, vg condition - \$225 + UPS. 1st generation changer for Victor VE-1050X - Best Offer + UPS. **WANTED:** RCA power amplifier, Model #AP997. Peter Shoemaker, 2150 Forrest, Beaumont, TX 77703. (409) 832-6768, ans. machine after 4th ring, no calls after 6 pm Central please - midnite worker

**FOR SALE:** But what's it worth? Computer scanned asking and selling prices, many sources, last 12 months. Up to last 9 transactions per model reported. Philco 8 pages. Hallicrafters 3 pages. \$1 each set + SASE to help cover costs. Ron Brillinger, #102 - 1666 Osprey Ave., Naples, FL 33962

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**WANTED:** (3) BB, TT, UV201A tubes with RCA paper label on the glass; have other tubes or cash for trade. Paul Ernst, 3465 Eddy Rd., Marion, NY 14505. (315) 589-9471

**FOR SALE:** Belmont tuning knob and screw reproductions now available! Bone or Bakelite - \$22 includes shipping. JM Technical Arts, 30 Music Sq. W. #153, Nashville, TN 37203. (615) 244-6892

**WANTED:** Delco radio parts, DS501, DS503 output transistors or ECG105, SK3012, 2N442 equivalents. Clarostat and Mallory pots, switches, shaft kits, etc. Any quantities. Send list. Barry Dalton, N7XEP, 196 Kilborn Dr., Grants Pass, OR 97526. (503) 474-2524

**FOR SALE:** Scott 800B in Chippendale cabinet - \$400. John S. Lowe, 3025 Harpers Ferry Rd., Sharpsburg, MD 21782. (301) 432-2420

**WANTED:** Have a Stansi Number 4811 crystal radio, very good condition and in original box with papers. Would like to trade for a radio of equal value. Would also like any information on this also. Also need glass for Addison 5. John R. Smith, 3824 Dutch Village Rd., Apt. 52, Halifax, Nova Scotia, Canada B3L 4G2. (902) 445-2021, evenings & weekends

**WANTED:** Convention badge from 1921 ARRL Convention in Chicago. Stancor ST-202-A transmitter. Paul Christensen, 11142 Raley Creek South, Jacksonville, FL 32225. (904) 721-9111, 9 am - 5 pm

**FOR SALE:** RCA R73 cathedral, vg cabinet, all original - \$150. GE S22C tombstone, vg case, 8 tubes - \$115. Airline T4BR 526A white Bakelite, excellent - \$40. RCA 9T tombstone, 8 tubes, v clean - \$125. Apex cathedral 8A clean, 1931, with 8 tubes - \$200. Radiola 16 vg with 6 tubes - \$95. Musiclock, looks like mini Philco 51, 12" high - \$125. All plus UPS. LSASE for list of 70 more. Walter Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512

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## **VINTAGE RADIO SHOW & SALE**

**SUNDAY, NOVEMBER 22, 1992**

**MAITLAND CIVIC CENTER**

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**10:00 a.m. - 3:30 p.m.**

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**Information or Participation call/write:**

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**WANTED:** Pre-1960 microphones, desk stands, call letter plates, etc. Please state make, model number, and your asking price. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919

**WANTED:** Radiola loop antenna parts for Model AG-814. Leonard J. Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

**FOR SALE:** Axial lead electrolytics. Fresh new Nichicon miniature 10mfd at 450 VDC. 98¢ each for 10 or more. Includes P&H. DH Distributors, PO Box 48623, Wichita, KS 67201. (316) 684-0050

**FOR SALE/TRADE:** RCA D22-1 (wrong phono) & Stromberg-Carlson 260-L. Johnny Johnson, 2201 Newton St., Denver, CO 80211. (303) 455-3421

**WANTED:** For Scott Phantom Deluxe, both AM-only and AM/FM versions: cabinet; speaker; wood front plate for use on tuner chassis without cabinet (will pay \$75 if excellent); tube shields. Also want: information on Racion Electric speaker drivers and company; Westinghouse/RCA DA & 2A; case for Westinghouse/RCA RA; variable DC power supply, 0-7 volts, 5 amps minimum. **FOR SALE:** RCA SVP 10A (MI 12199) mono tubelov integrated amplifier, ca. 1955, N.I.B., absolutely perfect, used 1 hour - \$190 ppd. Alfred Wirtenberg, 15 Wilson Rd., Weston, CT 06883. (203) 544-9270, voice or fax

**WANTED:** Transistor radios and small toy crystal radios. **FOR TRADE:** Standard Micronic Rubies, Philco T-9. Eric Wrobbel, 20802 Exhibit Ct., Woodland Hills, CA 91367. (818) 884-2282

**FOR SALE:** Emerson BF-204 BC/SW Ingraham cabinet - \$55. Hallicrafters S53A plus manual, very nice - \$65. Zenith G516W white Bakelite (Bunis, p. 712), very nice, no cracks - \$50. Philco 610 tombstone, refinished - \$125. Paul Roche, 7368 Eden Brook Dr., #634, Columbia, MD 21046. (410) 381-0471

**FOR SALE:** Nathaniel Baldwin cathedral, 4 tubes, 13" high, rare - BO. **WANTED:** Any Troy radio. Bob Puttre, 637 Stratford Rd., Baldwin, NY 11510. (516) 223-9667

**FOR SALE:** Grundig Majestic Mod 97 U.S.A. table radio avocado - \$40 OBO plus UPS. James E. Inglett, Rt. 1 Box 206, Midway, AR 72651

**WANTED:** Knight-kits, Knight-kits receivers, xmitters, hobby kits. Also Allied Catalogs 1932-1935. Jack McCreary, 7783 Wildcreek Trl., Huntsville, AL 35802. (205) 882-0037

**WANTED:** Wood table model with tuning eye, circa 1940. Ed Denes, 10 Allyndale Dr., Stratford, CT 06497

**FOR SALE:** Thomas Edison Ediphone office cylinder dictating machine, 3 pcs. - \$100 or the dump. 1928 Kolster Repwood front console, near mint - \$60. QST mags 1931-32-33-34 - \$1 a copy. Admiral 20X1 12" Bakelite TV, good CRT - \$50. Can't ship. GE E61 cathedral cab only, nice - \$25. Guild Country Belle novelty telephone/radio, exc - \$60. Radiotel motel radio - \$25. Operadio drum spkr, small - \$30. (200) used TV & radio tubes, most good - \$20. J. L. Acciavatti, PO Box 231, Southborough, MA 01772. (508) 476-3229

**WANTED:** Help! Need manual for Hickok Model 123A tube tester. Gerry Meekins, PO Box 706, Elkton, MD 21922

**FOR SALE:** Drake R-7 w/spkr, filter R-4B SW xtals - Offer. Levy, 8 Waterloo, Morris Plains, NJ 07950. (201) 285-0233

**WANTED:** Wooden radios with chrome or aluminum grilles & Arvin metal radios. Jay Malkin, 1250 Galapago #206, Denver, CO 80204. (303) 623-6451

**WANTED:** Iconoscopes and Farnsworth-Dissector for my collection, also other early tubes, working or duds. U. Radtke, Im Fuchtei 143, W-4830 Gütersloh, Germany

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**FOR SALE:** Kolster Model 8B. 1920's console highboy, complete and electrified, but untested, cabinet in good condition, pickup only in Cape Cod, Mass. area, asking - \$175. Steve Alpert, 11 Ridgewood Dr., Auburn, MA 01501. (508) 832-3839

**WANTED:** Western Electric 9A pickup, with or without equalizer and repeating coil; or RCA MI-4875-C vert/lat. pickup with equalizer & switch. Also associated pre-WWII vertical transcriptions. D. G. Piacentini, 12 Joyce Rd., Plainview, NY 11803

**FOR SALE:** Repwood Crosley Model 77 console - \$150. (3) Philco consoles - \$35-\$100. Philco 49-602, green plastic portable AC-DC - \$35. Other plastic - \$20-\$40. (6) large table - \$40-\$65. (4) tabletop w/ record player - \$30-\$50. 40.5U4.GB, N.O.S. tubes - \$3 ea. All items OK. John Porter, 701 N. Main, Osceola, IA 50213

**FOR SALE:** Channel Master #6512, M.I.B., red, SW, BW - \$45. Channel Master #6511 (Bunis) - \$25. Arthur Kreitner, 2013 E. Belle Ave., Belleville, IL 62221. (618) 233-5610

**WANTED:** Any early Zenith or C.R.L. items - headphones, original literature - or copies OK. William Wade, 657 14th Ave., Prospect, PA 19076. (215) 534-3477

**FOR SALE:** Crosley 51, good cabinet, works good - \$125. Nice oak cab. Zenith table radio, Mod G730, looks excellent, not working - \$42. Tubes for AC/DC Fivers - \$2 ea. List at end of Oct. - 50¢ plus SASE. Chet Wisner, 1014 Main St., Dalton, MA 01226

**FOR TRADE:** Bluebird for Snow White Q236, Mickey Mouse Majestic, RCA San Francisco Exposition and red Hoppy. Only quality sets acceptable, no defects. RCA La Sista and/or Worlds Fair, also of interest. Bluebird is excellent example. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520. (510) 825-6865

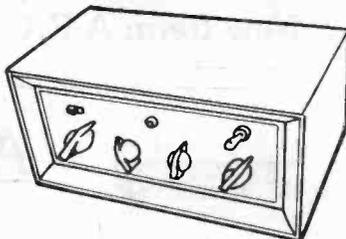
**FOR SALE/TRADE:** Catalin radios, trade/sale, Garod Commander, yellow case/red trim, others. Harvey Matel, 41 Eastmont Rd., Hollywood, FL 33021. (305) 763-5095



**WANTED:** All plastic models by Kadette in any color combination and any condition. I have been known to pay more than once for the same sets. Act now and avoid the Christmas rush. Please write or call collect. Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**FOR SALE:** Trans-Oceanics Model 8G005YT, fair condition - \$50. Model Royal 1000, excellent condition - \$110. John Hoffnagle, 10 Sunset Ave., New Oxford, PA 17350

**WANTED:** Radio News, July 1919 through November 1920, with covers. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517



**FOR SALE:** Early 50's factory H.H. Scott preamplifier (picture shown), walnut case, brass plate, complete - \$45. (4) Zenith wood Z knobs, nice - \$35 for all. Don't forget shipping. **WANTED:** Still looking for the small Conn. Tel. & Elec. single tube (199) amplifiers for Sodian set. Can you help me out? Dave Crocker, 60 South St., Duxbury, MA 02332. (617) 582-2052, before 9 pm please

**FOR SALE:** (35) WE 310A tubes, used, removed from working equipment - \$7 each. (2) Altec 755C speakers - \$40 each, (3) JB Lansing D208 - \$30 each. (2) 211C WE repeat coils - Bid. (2) WE/MacIntosh amps. with tubes - Bid. I will trade above items for antique telephones/parts. Please allow for UPS charges. **WANTED:** TV 100 tube checker, working. Walter Diamond, 2930 Cravey Dr., Atlanta, GA 30345

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**WANTED:** Tuning eye escutcheon for Scott phantom, square with ribs on sides, tuning eye escutcheon and band indicator window for Emerson BU230. Steinite 605 radio-phone (Blast, p. 165). Lyric tombstones SW-88 (Blast, p. 125) and SA 130. Lee Wells, 19 Summit Rd., Vernon, CT 06006.

**FOR SALE:** Channel Master 6506 - \$25. Hallicrafters S-38D - \$20. Sony 2R-27 - \$30. Dave Pacitto, 40-133 W 4th St., Patchogue, NY 11772. (516) 758-2936

**FOR SALE:** RCA table radio model X551, very good condition - \$28 plus UPS. A.J. Long, 11830 Heath Rd., Chesterland, OH 44026. (216) 729-8451

**WANTED:** Blue-glass left side, panel and mounting screw for a Sparton 558. Dave Abramson, 1649 Yellow Springs Rd., Chester Springs PA 19425

**FOR SALE:** Victrola hand-crank portable phonograph - Best Offer. Noel Beauchamp, 1300 S. 58th St., Philadelphia, PA 19143. (215) 474-7663

**FOR SALE:** Magnificent Fisher console, early 1950s, mono AM/FM w/Garrard 3-speed changer. Receiver is Model K100, was very expensive, Serial #161 of limited production, works perfect, gorgeous walnut cabinet w/doors - \$550 or BO. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

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**FOR SALE:** Zenith LH cathedral - \$350. RCA R-74 10-tube tombstone - \$195. GE K-50 cathedral - \$95. Musette early thumbwheel tombstone - \$125. Wilcox-Gay 7-tube white airplane dial tombstone - \$95. Atwater Kent 545 tombstone - \$125. Radiola AR-812 - \$65. Radiola 18 with original hood - \$50. Crosley 3R3 Trirdyn, no audios - \$60. Airline slant front 2-dialer - \$50. Short pin 199 tubes - \$12 each. Atwater Kent 75 radio/phono console - \$175. **WANTED:** Zenith 10-S-130 tombstone. John Hayes, 27 Highland Dr., Henniker, NH 03242. (603) 428-3053

**WANTED:** Preset cover plate for Zenith 6S527, (exact radio shown in Evolution, p. 195). Thax. Michael Stern, 1285 Alum Creek Dr., Columbus, OH 43209. (614) 252-4422

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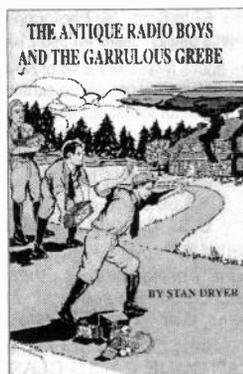
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**FOR SALE:** Sams Photofac, Numbers 1 to 1100, pick-up only. Gary B. Schneider, Play Things of Past, 9511-23 Sunrise Blvd., North Royalton, OH 44133. (216) 582-3094

**WANTED:** Chassis for the following: Philco Model #41-258, 40-140, 40-120. glass dial cover for a Philco Model #37-650X. Dial plate for a Philco 610. Any info on the mfg. of a Musette miniature lowboy approximately 1929 or 1930. Joe Kelly, 537 Stafford Ave., Erie, PA 16508. (814) 459-3910

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**FOR SALE:** Magazines: Electronics Illus. 7/59 - \$25; Radio, 1937-39-40-41 - \$4 ea.; QST, 4/34 - \$6; CQ, 4/46 - \$5; RCA Good News (8) 1931 issues - \$20 ea.; Cunningham Tubes, 1933 radio stars and station list, copy - \$13. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

**FOR SALE:** Catalin radio Bendix Model 526C, green and black, mint - \$875 or trade for quality pre-1960 cameras. Mike Kramer, 132 N. Alamo Dr., Vacaville, CA 95688. (707) 446-2177, eves.

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**FOR SALE:** Zenith 1S634, 1935 large wood table radio, 10" x 32", large black dial, plays good, original except refinished bezel, top condition - \$195. Zenith 602614, 1947 wood table radio, refinished, plays, fair condition - \$40. Bendix 112, 1947 wood table radio, plays very good, plastic Art Deco grille, excellent condition - \$60. Detrola 16355, 1934 wood table radio, refinished, plays good, good condition - \$110. All items plus UPS. Rod Kennedy, 2 Teodora Ct., Moraga, CA 94556. (510) 376-7885

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**FOR SALE:** Antique radios 150+, tubes-parts for most radios/TVs made. Pictured list - \$1.50. M. Ohmann, Box 314, Albany, MN 56307

**FOR SALE:** Escutcheon Grigsby-Grunow Majestic - \$25. N.I.B. Sprague plug-in electrolytics 40/40/40 @ 450, 20/20/20 @ 450 - \$15 each. M-34/AIC microphone with MX1334 shield - \$20. ARRL books: Antennas 1949; Hints & Kinks, 1949; VHF 1972; Specialized Communications, 1977; CQ: Command Sets, 1957 - \$25 all. Bob Bakinowski, 1524 Saint Tropic, Tucson, AZ 85713. (602) 624-8029

**WANTED:** U.S. Navy Collins R388A with mechanical crystals, and Collins L4 with mechanical crystals. Philco 70 or 70A cathedral. Michael Harrington, PO Box 7619, Little Rock, AR 72217

**FOR SALE:** Blow out sale for hundred of magazines, catalogs, sales literature. Assorted Stereophile & Absolute Sound issues for sale - \$2 each. Please send for list. Ernest Naaz, 1905 Second Ave., Apt #2E, New York, NY 10029

**FOR SALE:** Hallicrafters SX28A - \$75. Fada console, 15 tubes - \$85. Stromberg-Carlson PA amp - \$20. Repro AK instructions for Kiel table - \$4 ea. **WANTED:** Power chassis and speaker for Scott Allwave 23. Vance Rayburn, 2718 Homestead Rd., Madison, WI 53711. (608) 274-3002

**WANTED:** Blank recording discs for home recording. Any literature pertaining to the disc recording industry or home recording. Wax cylinders for early dictating machines. Chisl Chislowsky, 2947 Ave. V, Brooklyn, NY 11229

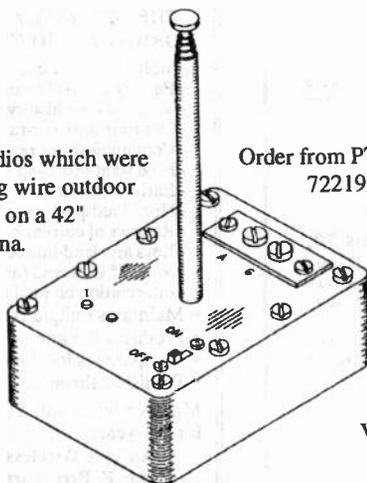
**FOR SALE:** Heathkit QM-1 Q-meter - \$35. Heathkit HM-102 standing wave power meter - \$25. Both excellent condition. Bill Riley, W7EXB, 863 W. 38th Ave., Eugene, OR 97405. (503) 345-2169

**WANTED:** Owners manual and tuning knob for Pioneer SM-Q300B. Owners manual and volume control knob for Kenwood KR-44. Thomas Peters, PO Box 3925, McAllen, TX 78502

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**WANTED:** Western Electric candlestick dial telephones. Pete Williams, 1916 17th St. NW, Apt. 414, Washington, DC 20009

**FOR SALE/TRADE:** Miscellaneous collectible tubes, some good, some display. LSASE for list. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

**WANTED:** Will pay top dollar for good Sonora RA-1 or Arcturus AC48 Blue tube. Gary J. Formica, 823 91st St., Niagara Falls, NY 14304. (716) 283-2274

**FOR SALE:** GE Streamliner, Bakelite, 1939 model - \$75. Regency TR5C - \$35. Tom Thumb subminiature tube set #528, N.I.B., TV-10 tube Test Data Handbook - \$10. Freed-Eisemann NR-7 operation instructions - \$1. 1920's QSTs & Radio Broadcast magazines - \$3 each. Green Motorola, late 50's Deco set - \$20. **WANTED:** Pilot radios and parts. William K. Moore, Jr., 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

**WANTED:** Schematics for 1951 Westinghouse H350T7, 1946 Airline 74BR-1502B (R.G.A., p. 75), 1938 Packard-Bell 5A. Also someplace where I can buy capacitors and other electronic parts. One television, preferably working, made before 1950. I am trying to start a television collection. Can anybody tell me the difference between the different 1930's plastics and why Catalins are worth so much? Bryan Cowan, 4677 Cimarron Way, Roseville, CA 95746

## Stromberg-Carlson

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**WANTED:** I need two Philco Model 89 chassis. Also Philco Model 20 chassis. Lester Hobbs, 320 Herman, Ottumwa, IA 52501. (515) 684-6403

**FOR TRADE:** Last few Paint Cans and Tune-A-Pup, N.I.B. for any novelties or transistors. Call: Don May, 16 Guiley Dr., S. Windsor, CT 06074. (203) 644-0258

**SERVICES:** Victrola Repair windup phonograph repairs, parts, mainsprings, needles via UPS. Lauman, 8 Sunset, St. Johnsbury, VT 05819. (802) 748-4893, eves.

**WANTED:** Pre-1940 police radios. Pre-1940 police motorcycle radios. Any literature of early police motorcycle radios. Raymond Miller, 951 N. 1st St., Albemarle, NC 28001. (800) 222-4216

**WANTED:** 1961 pink Admiral 7-transistor portable radio, Model Y2102, in excellent condition. Send photo! Mike Hanke, 1036 So. 15th Ave., Wausau, WI 54401

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**FOR SALE:** Zenith suitcase portable H503, chassis 5H41 (Sams 151-12), works good, looks bad - \$20. Stephen M. Mauck, 428 S. Purdy, Lyons, KS 67554. (316) 257-5582

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**FOR SALE:** Original 1938 Zenith color "Christmas" (23 x 33) advertisement, while they last - \$12. Larry Dowell, Rt. 2, Box 17-A, Hurdle Mills, NC 27541. (919) 364-2756

**WANTED:** Zenith 7S28 or 9S30. Have these chassis to sell or buy cabinets: Zenith 5S29, AK 60 & spkr. Craig Zitterich, 1725 Oak Hill, Corinth, TX 76205

**WANTED:** Marconi. Thanks to everyone contacting me with Marconi items - still looking. Barry A. Janov, 2454 Dempster, Ste. 416, Des Plaines, IL 60016. (708) 827-1400

**WANTED:** Capehart parts and literature. Especially need 18" Capehart speaker and play control. Also searching for pink Zenith Royal 500. Thanks. Bob Baumbach, 14332 Mulholland Dr., Los Angeles, CA 90077. (818) 845-7807 (w) or (310) 476-0066, ans. machine

**WANTED:** Atwater Kent F-4-C and N speakers. Will consider speakers needing recone or repair. Dennis Craft, PO Box 4522, Scottsdale, AZ 85261. (602) 860-8951

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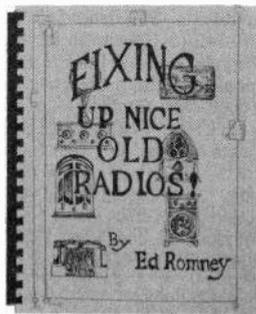
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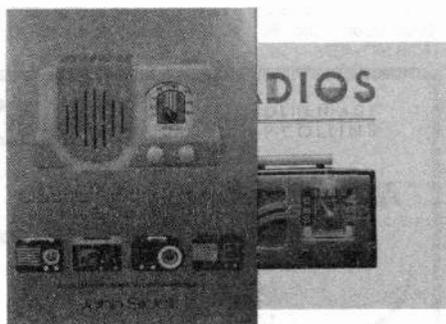
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(Nov-92)

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**WANTED:** AK Model R horn speaker., dead or alive. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

**WANTED:** Round AM/SW dial for Philco Model 37-61 and one oblong dial for Philco 42-340. Also AM/SW. Stephen Podgorski, 13 N. St., Box 261, Granby, MA 01033. (413) 467-3243

**FOR SALE:** RCA ribbon mike on RCA desk stand. RCA-OP-6 portable remote field amplifier, MI-11202-A, with 4" VU meter. 1-OP-6 7-page technical manual, excellent condition. Old vacuum tubes: 1 is a round tube, 2" dia. and 3" long, base is a small screw base, with grid and plate leads on top. Tube #2 is 3 1/2 inches long and 3/4 inches dia., label on tube has the following information - "Audion Detector. Patented Feb. 18, 1908. This bulb not licensed for commercial purposes." The plate is stamped "DF". Send top bids for items above plus shipping to: W. V. Bartow, Sr., United Nations Tech. Adv. Group, 1919 Spanish Trl., Delray Beach, FL 33483-4960

**FOR SALE:** TV parts, transistors, diodes, picture tube brighteners, silicon triplers - \$75 for lot. Call collect or write for list. Robert Stone, 610 N. Miami, Sidney, OH 45365. (513) 492-4082

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**FOR SALE:** Wood table battery radio, Silvertone #6356, needs dial glass and knob - \$12.50 plus 10 lbs. UPS. John Uscinowski, RR #1, Box 379, Greenwich, NY 12834-9519

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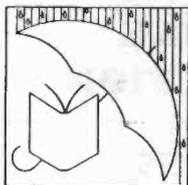
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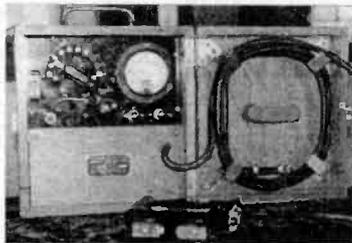
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Portsmouth, NH 03801. (603) 427-1384

**FOR SALE:** Rare Hallicrafters Model 5T, 1936, first of  
series, not S19, restored to vg condition, SASE for  
photo - \$110 plus shipping. Ralph Michelson, KG6HW,  
4538 Golfview Dr., Brighton, MI 48116. (313) 229-8339

**WANTED:** Plastic bezel for Silvertone 101.662.2F con-  
sole. Surrounds slide rule dial and five PB's. Milt Margolis,  
6500 Harwood Ct., Springfield, VA 22152. (703) 451-  
4507

**WANTED:** Bendix radios wanted, need not work. Call or write: Aaron Mall, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-8813

**WANTED:** A small 10 or 20 micro amp meter with 2 1/4 inch barrel diameter, max. Ray Larson, 12241 1/2 Gorham Ave., W. Los Angeles, CA 90049-5214

**FOR SALE:** Laboratory instruments-bridges, decade boxes, meters, etc. Most prewar, wooden cases. Free list. Steve Fick, PO Box 178, Washington Grove, MD 20880

**FOR SALE:** Belmont 6D111 - \$145. Colonial Globe - \$800. Airline 74BR1502B, (Collins #1, p. 75) - \$50. John Lyle, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

**WANTED:** Zenith 7S260, junker OK. Need 49-220 12" electrodynamic speaker; tube hi-fi equipment. **FOR SALE:** Western Electric D-165S73 1mA DC meter. Joseph Gallo, 62-70 Fresh Pond Rd., Ridgewood, NY 11385. (718) 497-5143

**FOR SALE:** Need tubes or parts for your winter time restorations? Send \$2.00 for Catalog #0692. Over 40 pages of parts, tubes and radio literature. Gary B. Schneider, Play Things of Past, 9511-23 Sunrise Blvd., North Royalton, OH 44133

**FOR SALE:** RCA Commercial receiver Model AR77E, (see F.O.S., p. 246), special - \$250 + shipping. RCA coin-operated radio Model MI-13174 - \$50 + shipping. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

**WANTED:** Right side (facing) coil drawer lock for National CNA-46080 (RAS-5 Series). J. Lisaius, 116 Orton, Caldwell, NJ 07006. (201) 226-7943

**FOR SALE:** Lots of electronics and literature. SASE for free list. B. Brown, RR 1, Box 50, Valley Springs, SD 57068

**WANTED:** United Reproducers Corporation, Kylectron Electrostatic (condenser) console speaker. Send photo please. Allen Ham, PO Box 314, Waterman, IL 60556

**FOR SALE:** New 12-volt vibrator transformers. See our boxed classified ad. Dan Schulz, Antique Automobile Radio, PO Box 892, Crystal Beach, FL 34681. (813) 785-8733 or (800) 933-4926

**WANTED:** All you Zenith collectors out there - looking for complete chassis for Zenith Model 210 or chassis Nos. 2012, 2021, 2022. Gary J. Formica, 823-91st St., Niagara Falls, NY 14304. (716) 283-2274

**FOR SALE:** Novelties: Jet Helmet - \$25; Bert-in-Tub - \$25; Tony Tiger - \$30; Pandas - \$30; Transformer (241) - \$25; Coke bottle - \$25; Sunoco gas pump in box - \$30; Strawberry Shortcake w/wheelbarrow - \$20; Lady Bug - \$10; 60's Cadillac - \$40; Mercedes Benz - \$40; Care Bear Cousins - \$25. Transistors: Zenith Royal 750 - \$50; 780 Navigator - \$45; 755 - \$40; 700 - \$30; 97 Super Navigator - \$50; 760 Navigator - \$40; Sterling mini tubes - \$25; Stantex - \$15; (2) 1940's portable Emerson #558 white, #508 blk. - \$45 ea. **FOR TRADE:** Adam and Eve. Harald Herp, 6615 Michele Ct., Huntingtown, MD 20639. (301) 855-7071

**FOR SALE:** J.D.'s Radiowear presents the new Breadboard T-shirt with an AK 3945 breadboard on the front and an AK horn speaker on the back - \$13.95 ppd. in M, L, XL, and XXL (add \$1.00 XXL). J.D.'s Radiowear, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

**WANTED:** 1937 RCA 87T table radio in excellent condition. Jim Coleman, PO Box 2348, Pasadena, CA 91102. (818) 584-4263

**FOR TRADE:** 9S262 shutter dial needs restoration. For two horn speakers with drivers or one Magnavox A2R amplifier horn combination. Scott Cavalari, RD 8, Box 167, Rt. 94, New Windsor, NY 12553. (914) 561-7913

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**WANTED:** Rhode Island made radios, parts, tubes, tube boxes, coils, crystal sets, ads. Anything electronic made in Rhode Island. The Rhode Island Collector. Leonard J. Arzomianian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

**WANTED:** Eimac 300T and 500T. Industrial/special purpose tube manuals or pamphlets. Also any odd or out of the ordinary tube types. John H. Walker Jr., 16112 W. 125th St., Olathe, KS 66062. (913) 782-6455

**FOR SALE:** New RCA-103 speaker rear canopy fiber cone, repro - \$60 ea. Kenneth Ericksen, 1049 Felspar #33, San Diego, CA 92109-2844. (619) 483-2183, evenings PST

**FOR SALE:** Two Zenith Trans-Oceanics, black, Chassis 6A40, Model B600, working - Best Offer. Polaroid - \$1. George Greenberg, KD4OBV, 1701 Andros Isle K-2, Coconut Creek, FL 33066. (305) 971-9053

**WANTED:** A synchronous vibrator, input volts 2.05, frequency 115 for a General Electric 250 radio. Philip Biagioli, 6 South Broadway, Nyack, NY 10960. (914) 358-5722

**FOR SALE:** Atwater Kent E speaker - \$40. Emerson #602 - \$35. Shipping included. William Egan, 5004 S. Talman, Chicago, IL 60632. (312) 778-6922

**MESSAGE:** Thanks to all who requested my transistor trader list. I will not be picking this collection up until Christmas. The list should be out around Jan. 1st. Thanks. Cliff Watts, 51 Glendale Rd., Brantford, Ontario, Canada N3T 1P5. (519) 753-9049

**WANTED:** Chassis, esc. & knobs for Sonora E850. Bosch #66 parts. Silvertone 4500 cabinet. **FOR SALE/TRADE:** Pick up only. 10 consoles - \$65-\$450. Atwater Kent, Capehart, Radiola Kolster. Truckload of tube type items. Predicta Tandem - \$350. RCA 721 - \$195. (20) wood & plastic tube tables - \$15-\$95. John A. Myers, Box 98, Wilson, NY 14172-0098. (716) 751-6053

**FOR SALE:** Guild 556 Country Belle, 1956, wood, looks like old wall telephone, side crank tunes stations, 2 side knobs; this unit is in excellent condition - \$125. Hallcrafters S120, good - \$25. Heath IP-32 DC regulated power supply 0-400 volts at 100 mA DC, C - 0 to 100 volts at 1 mA, 6.3 volts at 4 amps AC, good - \$45. Sprague Tel-Ohmike Model TO-6 capacitor analyzer, 4 dials, 11 push buttons, meter & eye tube, very good - \$40. Stark VOM made in Canada, range 2.5v-1000v, 100 micro amps to 10 amps, large wood case, lid, handle, 20K ohms per volt, fair to good - \$30. Hallcrafters S38, no knobs, fair - \$20. All units tested and repaired if needed. 100% refunds on any item that you are not pleased with. Mervyn Ellsworth, 2309 N. 25th St., Boise, ID 83702. (208) 345-6878

**WANTED:** 6500 output tubes, prefer old RCA or Tung-Sol. Dan Wroblewski, 415 41st Ave. NW, Rochester, MN 55901. (507) 282-9601

**MESSAGE:** Collectors from Japan, California, New Jersey, Austria, Canada, Brazil, thanks for visiting us during the Rochester AWA. Open shop is planned for 1993. Come again, tell a friend. Send us your want list. Ask for our "have" list with 2-stamp SASE. Player pianos for sale. Best regards. Art & Cal, Vintage Radio Emporium, 97 Edinburgh St., Rochester, NY 14608

**WANTED:** Service books: Rider's Troubleshooters Manual, 1929. Official Troubleshooter Manual or Radcraft Circuit Manual, 1937, 1938, 1939, 1940, 1941, & 1942. Richard Gray, 9181 Chesapeake Dr., San Diego, CA 92123. (619) 560-4162

**FOR SALE:** Fada 5F60 Catalin all yellow, hairline - \$600. Silvertone 2001 chrome - \$65. Dahlberg coin-op hotel radio - \$65. Truetone 2661, one knob missing - \$35. Fada 652 case, broken - \$35. RCA Little Nipper, wood - \$40. TVs: RCA 8TS30 with external magnifier - \$125. Several wood table model Predictas - \$225-\$325. Philco neon clock - \$400. All TVs and clock pick-up only. Brad Jones, 4107 Crabapple Ln., Greensboro, NC 27405. (919) 375-6340

**FOR SALE:** Gillfilan Model 118 radio recorder - \$200. RCA 21" TV Model 21T228 - \$100. Gerald Ritter, 1658 W. Buena Vista, Anaheim, CA 92802. (714) 776-9392

**WANTED:** Philco 53-563, Philco 91 single speaker chassis. Fred Geer, 6042 Brookridge Rd., Jacksonville, FL 32210. (904) 771-7828

**WANTED:** WWII Japanese transmitter & receiver. Hearing aids with Sub-Mt tubes. Sub-Mt portables: Privatear, Hoffman BP402 & Westinghouse H508P4. Tube portables: Marconi P60B (not HMV1410G), Pye M78F & Burgoyne Playboy. Radiola I, 24, 60 & Special. Magnavox R-2 with 18" or larger bell. B/B & T/T 201 & 201-A, UV199, WE 205D & 216A. Noriyoshi Tezuka, 1-10-7-807 Higashigotanda, Shinagawaku, Tokyo 141, Japan. Fax 011-813-3440-3-8396

**FOR SALE:** Silvertone 2001 (G.O.R., p. 121), good condition - \$30 plus shipping. Carl Smith, 3203 Route 60, Vermilion, OH 44089

**FOR SALE:** Wilcox-Gay Recordio Model IC10, mint - \$40. RCA 8R71 - \$40. RCA 46X11 - \$40. Westrad TRF set - \$60. Travler Midget, mint - \$70 Hallcrafters S-38B - \$40. Philco chairside Model 370 - \$200. Majestic Super B current supply - \$40. Home brew 3 dialer - \$45. All plus UPS. Call or write. Dave Wiggert, 1611 Redfield St, LaCrosse, WI 54601. (608) 784-2096

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**FOR SALE:** Sylvania GTE desolder - \$90 or BO. Simpson 460 DVM - \$50. Heath trigger scope - \$40. All products are renewed with manuals. Sidney Goldhor, 2147 Trombas, San Leandro, CA 94577. (510) 357-3788

**FOR SALE:** WWII military sets, 36-page catalog - \$1 or postage stamps. Sam Hevener, The Signal Corps, W8KBF, 3583 Everett Rd., Richfield, OH 44286

**WANTED:** Zenith dial glass for 6-S-547. Also used on 7-S-529, 7-S-530, 7-S-558, 6-S-546. Thanks! Brian Thomson, 1710 East 1220 North, Logan, UT 84321. (801) 753-3454



**FOR SALE:** A 60-page book with dozens of illustrations commemorating Philco's 100th anniversary - \$18 postage paid. Marion Wiczkowicz, PO Box 86, Craryville, NY 12521

**WANTED:** Metal radios & transistorized owl radio made in 50's. Also Westinghouse Ref radios. Jim Montague, 921 S. Cuba, Spokane, WA 99202. (509) 535-9576

**FOR SALE:** Tubes, for a ten-page list, send \$2 in cash or stamps. Royce H. Sweet, RR 1, Box 139, Savoy, TX. 75479. (903) 583-5855

**FOR SALE:** Principles and Practice of Radio Servicing, Hicks, 2nd Ed., 1943 - \$15. Threshold Signals, Vol. 24, MIT Rad Lab - \$15. The Cathode Ray Tube at Work, Rider - \$12. All postpaid, U.S.A. Bob Dennison, W2HBE, 82 Virginia Ave., Westmont, NJ 08108. (609) 854-3301

**WANTED:** (2) knobs and glass or plastic dial cover. Approx. 3" x 4" for Gilfillan Mod-56A. Don Konecny, 7520 Applewood Ln., Sebastopol, CA 95472. (707) 829-0371

**FOR TRADE:** Hallicrafters receivers Models SC-99, S-85, S-120, S-210, CB-3A, National NC-77SX, for Hallicrafters Models SX-43, S-47, S-51, SX-24, S-27, SX-23, S-80. **WANTED:** Cabinet for S-36. All above need not be perfect but would like them to play. Loren H. Dudley, 14 Valley Rd., Bath, ME 04530. (207) 442-8419

**FOR SALE:** Western Electric 728B loudspeaker, with original sales brochure; University T-202 tweeter; several pieces of Macintosh sales literature - \$150 for the lot. Jim Battenhouse, 24071 Elm Rd., N. Olmstead, OH 44070. (216) 777-0884

**WANTED:** Schematic for Model T-457 Ultra-Electric, Great Britain. Also: 1934 Shadow Graph bezel for Model 45 Philco. Kenneth Wagner, 7115 SE 262nd, Gresham, OR 97080. (503) 663-6852

**FOR SALE:** 1-SP-600. Also 1-HRO-50 with full set of coils. Both in good to mint condition. Plus shipping. Make me an offer. Kenneth Hunt, 3407 Wisconsin St., Anchorage, AK 99517

**FOR SALE:** Tubes, hundreds new & used, some rare - \$1.25 ea. + UPS. LSASE. Jeff Knowlton, 115 Forest View Dr., Hendersonville, TN 37075. (615) 822-0925

**FOR TRADE:** I'm looking for European collectors to trade radios. Argirios Adamidis, SV2DV, 19 Kampouridou St., Panorama, Thessaloniki, Greece, T.K. 552 36

**WANTED:** Tuning dial knob for Zenith Model 5G03 (Bunis, p. 164). Manuals for Concord 880, Akai M-7 tape recorders. Ray Barnes, 38 Woodmere Rd., Framingham, MA 01701. (508) 877-6040

**FOR SALE:** Sams Photofact Auto Radio Service Manuals, total 98 books, 18 to 115 - \$270. Rollow Radio Repair, HCR 63, Box 885, Jay, OK 74346. (918) 786-4514

**FOR SALE:** AK Mod 40 includes tubes, good condition - \$60 plus UPS. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260

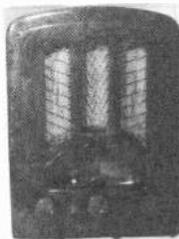
**WANTED:** Top cash paid for teakettle radio. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9. (403) 434-6257

**FOR SALE:** Radios/misc., SASE list. Also: CB Times liquor bottle, #185 Heritage china (c) 1976. Best offer by 30 November 1992. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614

**WANTED:** Junker E.M.C. resistance, capacitance bridge in circuit checker. I need the transformer from it, must be good transformer. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (813) 482-0198

**WANTED:** Knight-kit Ocean Hopper, Jupiter 6 transistor shirt pocket radio, Heathkit GW-11D CG, and TeCRAFT Falcon CB. Mike Russ, WA6NGF, 20147 Rd. 192, Strathmore, CA 93267. (209) 568-2713

**FOR SALE:** Test equipment, Precision 920 tube and set tester, Precision 612 tube tester. Jackson 640 test oscillator, Philco 7001 El. Circuit Master-(VTVM etc.) Kirby flyback tester. Supreme Inst. 562 Analyzer. All like new condition. R. Brokloff, Box 811, State College, PA 16804



**WANTED:** Emerson Catalin Models BT245, AU190 (pictured), 375, 564, and AX235 in any color combinations, perfect or parts condition. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**FOR SALE:** Belmont 5D128 good original - \$145. Stewart-Warner 9187, dark pink, exc - \$75. Blackhawk SW/BC streamlined, paint chips - \$65. Silvertone 8210 brown portable, N.I.B. with papers - \$40. Small unusual Sampson table fan, ornate with rubber blades - \$45. Mitchell 1256, green portable, vg - \$40. Will trade any of the above for trans. radios. Russell King, 10 Home Ave., Terre Haute, IN 47803. (812) 235-0698, evenings

**WANTED:** Philco 70 chassis. Clarion 80, 81 or 85 chassis. Radio drama transcription discs. Merrill Mabbs, 709 Pluma Dr., Rapid City, SD 57702. (605) 342-4090

**FOR SALE:** Russian OKEAH 209 shortwave portable, excellent condition - \$100 UPS ppd. Gary Redfield, 214 Bailey Rd., Crystal City, MO 63019. (314) 933-0542

**FOR SALE:** Philco 49-501, brown - \$250 or BO. Emerson 520 with gold dial, (like Sideli, p. 60 left), excellent condition - \$225 or BO. Ward Eaton, 184 Sawyer Dr., Owego, NY 13827. (607) 687-1102, week nights after 6 pm



**WANTED:** Zenith 25-tube Stratosphere. I will pay top price for the set pictured. I will also pay a large finder's fee for any tip that leads me to securing this set. Also searching for a 16A63 Stratosphere. Martin Blankinship, Box 157, Lecompton, KS 66050. (913) 887-6681

**FOR SALE:** Cathedrals: AK 84, Philco 71, 20, 60, 84B, also many other old radios. Frank D. Atwood, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100

**WANTED:** Contact with anyone owning a Scott Special communications receiver. I am interested in documenting this receiver. Please refer to the October OTB article. Also I am very interested in Selectone products; i.e. transformers, power supplies, coils, and capacitors, etc. If you have a Selectone product or a Worlds Record Radio, please contact me. John T. Meredith 1644 Parkside Cir., Niceville, FL 32578. (904) 897-7734

**FOR SALE:** Military-PP-112/GR, DA 64/AUP, Army receiver R-278 (multichannel). Civilian: plastic Silver-tone 7166-7, Silvertone (old) 101.590, Sylvania 519 tt plastic, Wollensak tape recorder, Wharfedale HS-CR3, RCA tabletop wood 66X3 superhet, and other oddments. Send a buck, to help with my Xeroxing, and LSASE for list and photos. John Stratton, 701 Waterson Trl., Middletown KY 40243-1852



**FOR SALE:** B&K E200D solid-state RF generator, 100kHz-216MHz, calibrated output, crystal markers, manual, vg - \$95. Kirk Ellis, KK4YP, PO Box 581, Princeton, NC 27576. (919) 936-3000, evenings

**WANTED:** For Canadian Philco, Model #217, 1.4 volt battery radio a slide rule dial 7 3/8" long x 2 1/4" wide. Ernest D. M. Yeaw, RR # 3, Tatamagouche, Nova Scotia, Canada B0K 1V0. (902) 657-2554

**WANTED:** Chairside style radios, pre-WWII, any brand. Dave Ott, PO Box 520, Leesville, SC 29070. (803) 532-5788, anytime

**FOR SALE:** Complete set Rider's TV/transistor radio service manuals, Vol. 1-27 - \$150. John Cushing, 3605 Overhulse Rd., NW, Olympia, WA 98502. (206) 866-4905

**WANTED:** One chrome shield top for a McMurdo Silver Masterpiece VI. Also dial insert for an E.H. Scott AW23. Mike Clark, R.R. 2, Box 90, Franklin, IN 46131. (317) 738-4649

**FOR SALE:** Free list of current price guides and color picture books on jukeboxes, Coke machines, pinballs, radios. Send SASE. Jukebox Collector Magazine, 2545 S.E. 60th Ct., Des Moines, IA 50317

**WANTED:** BC-654 (SCR 284 set), prefer good condition. Also, any accessories for above radio. Thanks. Andrew Miller, 787 Fairfax Dr., Salinas, CA 93901. (408) 753-2505

**WANTED:** Picture tubes and CRT's old or new. I would also appreciate any magnetrons. Jonathan Tomshine, 245 2nd Ave. SW, Oronoco, MN 55960. (507) 367-2195

**FOR SALE/TRADE:** S-38C and Eico DX718 receivers and GE tube tester. Les Mathews, KD4RAT, 8908 Tar Hill Ln., Orlando FL 32836



**WANTED:** Detrola (pictured), Kadette, RCA, Silver-tone, Air King - and everything beyond and between - plastic radios for the 30's in any condition. I am currently outbidding myself on radio purchases. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**FOR TRADE:** Stunning original blue Neutrowound receiver along with awesome original Neutrowound speaker. Trade for nice Scott battery set or will consider trade for nice prewar Scott. **WANTED:** E.H. Scott radios and any literature for my collection. Call me for an opinion on your Scott. Also want old Vogue 78 rpm picture records. Member of the EHSWS. Craig Korpak, 9130 Silver Lk. Rd., Linden, MI 48451. (313) 735-7264

**WANTED:** Tubes, EL 12, UM11, EM85, chassis for Philco 77 and speaker, any European table radios. Ross Hochstrasser, 162 Beulah St., Whitman, MA 02382. (617) 447-9104, 24 hrs.

**WANTED:** These wide band RF transformers; Acme Type R-3 (need 2), Acme Type R-2. George A. Freeman, WIDI, 102 E. Main St., Madison, IN 47250. (812) 265-6878

**FOR SALE:** RCA 3-RG-81 battery, works. Motorola AC/DC 5P31A, works. RCA 8-BX-7J, doesn't work - \$18 ea. Wayne Himel, 5230 August Ave., Manero, LA 70072. (504) 348-4076

**WANTED:** Anyone rebuilding IF transformers or has a good IF #119-6245 from RCA Model 3VF405. Charles Newman, 1117 Logan Rd., Wantagh, NY 11793

**WANTED:** Escutcheon and dial glass for Philco Model 41-260. Similar to Model 41-235 in Bunis 1st edition, p. 112. Dennis Craft, PO Box 4522, Scottsdale, AZ 85261. (602) 860-8951

**WANTED:** Working Aeriola Junior and/or Senior. Crosley Pup, V, 50, 51, 52 table models. Dick Kowalski, KB8MR, 32823 Gloede Dr., Warren, MI 48093. (313) 294-6831

**FOR SALE:** Had 154 requests last month for latest list, over 175 radios, TVs, test equipment, misc., SASE please. **WANTED:** Crosley 11-101U knob. Dennis Smith, KN8H, Box 113, Trenton, MI 48183

**FOR SALE:** National AGS Superhet, rack mount with 15 coils, power supply, good condition - \$1,000 plus shipping. Jim Barrows, W7BCT, 15121 41st Ave. SE, Bothell, WA 98012. (206) 337-4880

**WANTED:** Concentric knobs (tuning, volume) for Radiola 44, also American Beauty 2-dialer schematic. John Martin, 1133 Las Cruces Ct., Ridgecrest, CA 93555. (619) 375-7747

**FOR SALE:** #UX-199 tube and carton, filament good - \$10. Philmore #337 crystal set & Trimm Rex headset in original boxes - \$35. N.I.B. Philmore #500 Junior microphone - \$45. Pristine, Japanese owl transistor radio (Breed, Plate #219) - \$60. Zenith Royal #275, clean, plays weakly - \$20. Custom TR301 2-transistor set, clean, original box - \$20. Rare, old, novelty champagne bottle tube radio (Collins, Golden Age, p. 17) - \$250. Clean, chrome, 4" diameter Philco extension speaker, logo on grille - \$30. All plus UPS. Clarence Hill, 6934 Orion Ave., Van Nuys, CA 91406. (818) 787-0376

**WANTED:** From the '50s, Radio Engineering Labs (REL) FM (88-108MHz) broadcast quality tuner. I recall they made a couple of models called thermo-cube design, vacuum tube. Frank Savell, 238 Fountain St., Framingham, MA 01701. (508) 872-1036

**AUCTION:** Radio and phonograph auction, Sunday, Nov. 1, 1992, 11 am. Eric's Auction House, Olney, Ill. Third Annual Auction includes Catalins, Bendix Mod. 526, DeWald Harp, consoles including Zenith 9-S-263 shutter dial, Jackson Bell Peter Pan cathedral, Majestic Melody Cruiser, Radiola 25 w. loop, Edison Home, Ambrola 30, also upright Victrola, Pathe, etc. Many others including cathedrals, tombstones, battery radios, crystal sets, plastic & wood table radios, novelties, transistors, speakers, Rider's radio manuals, tubes, magazines, TV sets, console radios, test equipment and much more. This is a small partial listing. Auction to be held inside located on Rt. 130 one-half mile north of Rt. 50, Rt. 130 intersection. Contact: Eric Brunner, Auctioneer, at (618) 392-2343, or Gary Staley, 641 W. 7th St., Flora, IL 62839. (618) 662-7074

**FOR SALE:** Mickey Mouse radio, Emerson, Model 411, pressed wood, near mint condition - \$3,000 or best offer. Carol Degitz, 10529 Coldwater Rd., Fort Wayne, IN 46845. (219) 495-9725, (219) 637-3639

**WANTED:** Movie for Airline movie dial set. Paying \$35 for Stromberg-Carlson speaker # P-27385 for Model 240-R Philco chassis and speaker Model 38-10. Jim Berg, 4261 Wilcox Rd., Box A, Northport, WA 99157. (509) 732-6155

**WANTED:** Service info for: Hallicrafters S40A, Telefunken Adagio 53, Navy type CHC-46140 receiver. George Stringe, 3075 Moorhead Ave., Boulder, CO 80303. (303) 494-9261

**FOR SALE:** SASE for list of misc. items. Send me your wantlist. Merrill Bancroft, 169 South Row Rd., Townsend, MA 01469

**WANTED:** Heathkit UA-2 or AA61 amplifier. H.H. Scott 330 and 333 AM/FM tuners, all versions, working or junkers. H.H. Scott brown knobs, smooth with brass ring. John Byrns, 4390 N. Cottonwood Trl., Hoffman Estates, IL 60195. (708) 202-1394

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

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

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New Wireless Pioneers - Jim & Felicia Kreuzer  
P.O. Box 398, Elma, NY 14059  
(716) 681-3186

**FOR SALE:** Ozarka cathedral Model 94. All white with gold trim I believe it to a factory finish, absolutely beautiful. Will trade for crystal sets, what have you? Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

**FOR SALE:** Majestic Model 60, nonworking, cabinet excellent - \$130. Atwater Kent Model 70, working, needs drive, cabinet excellent - \$100. Philco Model 96, nonworking, cabinet good, speaker cloth ripped - \$60. Zenith Model 10A1, working, cabinet needs refinish, drive belt gone - \$40. Motorola Model 68L11 portable AC/batt., needs 1S5 to work, case good - \$45. Zenith brown Bakelite Model J615Y, works, case excellent - \$45. Kolster Model K21, nonworking, no speaker, cabinet needs refinish - \$90. Hallicrafters Model S38, working, needs drive belt for band spread - \$60. Speaker, square-type, American Reproducer Co., cabinet needs refinish - \$40. Vincent Carknard, RD 1, Box 153B, Valley Falls, NY 12185. (518) 753-4732

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PLEASE NOTIFY US A.S.A.P.**

**SEND US YOUR...**

**OLD ADDRESS**

**NEW ADDRESS and**

**SUB #**

**MANY THANKS!!!!!!**

**WANTED:** Realistic DX160 and DX302 general coverage receivers. C. Lozano, 413 Western Hills, Coralville, IA 52241. (319) 645-2802

**FOR SALE:** Lepel circa 1935 diathermy machine in mahogany cabinet - \$150 OBO. Schaeffer Symphonola player piano, poor - \$150. Both items pick up only. Ed Monson, 1148 N. Wood Ave., Florence, AL 35630. (205) 764-2121, days; (205) 767-0716, eves.

**WANTED:** Good RCA CT100 chassis, flag for RCA 44, early studio TV camera. Neil Dorfman, 7028 Clements, West Bloomfield, MI 48322. (313) 661-8770

**FOR SALE:** Heath HX-1681 transmitter, no power supply, excellent - \$85. Meissner signal shifter with about 80 coils - \$75. SW3 dial - \$30. William Ernst, 1619 Campbell Rd., Comins, MI 48619. (517) 848-5002

**FOR SALE/TRADE:** Emerson 540 ivory, for 888 Explorer in red, black or white or - \$225. Muscaire, super bright yellow plastic, late 40's to early 50's?, trade or - \$125. TeleKing RK-41A, marbled brown and black - \$50. DeWald G-404, ivory with red knobs, small hairline on grille - \$60. GE 404, marbled maroon & black, small chips - \$50. Federal oriental, front pulls down to reveal radio, vg - \$75. Transistors: GE 820A, 821A - \$35 both. Futura, speaker is earphone - \$30. Rod Stidham, 4011 So. 286th, Auburn, WA 98001. (206) 854-4874

**WANTED:** National SW-4 for cash plus my SW-3. Harvey Radio Labs FT-30 xmtr (F.O.S., p. 257) for cash plus reward. Also to complete collections need lightning arrestors, aerial eliminators, & large or unusual neon lamps. Please write on manuf. & price. Also need Type UX210 or 10 tube. Robert Enemark, W1EC, Box 1607, Duxbury, MA 02331

**FOR SALE:** The Vail Correspondent: the key collectors' quarterly journal, published by W2IMQ, sample issue - \$2. TVC, Box 88-A, Maynard, MA 01754

**FOR SALE:** Atwater Kent Jolly Dancer figure, original printing, vg condition with some foxing - \$135 postpaid. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

**FOR SALE:** Philco 37-620 tombstone - \$110. Crosley 855 tombstone - \$100. Miracord XA-100 TT - \$65. Crosley 10CE - \$30. Crosley D6-25N - \$95. Admiral SA33 - \$25. Zenith Y615-G - \$45. N.O.S. Utah & Jensen 12" spkrs - \$40 ea. Hallicrafters, 3-piece system receiver, amp+ R-46 spkr - \$125. Precision test equipment - \$75/all. **WANTED:** Stereo tube equip. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

## TUBES WANTED

We need the following tubes to replenish our stock (first digit on 3 digit types is optional). You may ship your tubes to us by UPS or Parcel Post. We'll mail our check upon receipt and testing of tubes. We pay prices shown plus shipping charges. We buy all types of receiving and transmitting tubes. Send us your list for our bid.

### USED GLOBE OR BALLOON SHAPE TUBES - ALL MUST TEST GOOD

WD-11*.....	\$35.00	184.....	\$ 6.00	227.....	\$ 1.50	250.....	\$30.00
WD-12*.....	20.00	UV-199*.....	10.00	230.....	5.00	256.....	6.00
WX-12*.....	12.00	UX-199*.....	9.00	237.....	6.00	280.....	7.50
112A.....	8.00	200A.....	6.00	240.....	6.00	281.....	7.00
120*.....	10.00	UV-201A.....	6.00	245.....	13.00	282.....	7.00
171A.....	6.50	UX-201A.....	6.00	246.....	7.00	403 KELLOG.....	15.00
183/483.....	6.00	210.....	10.00	247.....	6.50	*Tubular	

### USED ST SHAPE TUBES NEEDED

2A3.....	\$ 9.00	6C5G.....	\$ 1.50	10.....	\$ 4.00	47.....	\$ 3.50
6A5/G.....	7.50	6F6G.....	2.00	12A.....	5.50	50.....	25.00
6B4G.....	6.00	6J5G.....	2.00	45.....	8.00	82.....	3.00

### NEW TUBES URGENTLY NEEDED

O1A(ST).....	\$7.00	6A3.....	\$9.00	6L6G.....	\$2.50	45.....	\$15.00
2A3.....	15.00	6A5/G.....	7.50	10.....	6.50	47.....	7.00
2A5.....	2.50	6B5.....	6.00	12A.....	8.00	50.....	30.00
2B6.....	5.00	6F6.....	3.00	37.....	2.50	71A.....	6.00
5AR4/GZ34.....	5.50	6F6G.....	3.00	42.....	6.00	82.....	5.00

## ANTIQUE ELECTRONIC SUPPLY

6221 S. MAPLE AVE., TEMPE, ARIZONA 85283 PHONE (602)820-5411 FAX (602)820-4643

**WANTED:** Radios by Giblin Radio or Standard Radio & Electric Co. Will pay \$1,000 for this receiver, detector and 2-stage amp (3 piece). Must be complete. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

**WANTED:** Stereo tube gear & spkrs. McIntosh, Marantz, Altec, Dynaco, Scott, Heath, Fisher, Acro, Brook, Jensen, RCA, JBL, E.V. & Tannoy. Audio power tubes KT-66, KT-77, KT-88, 6CA7, 6550, EL-P4. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312

**FOR SALE:** Hallicrafters S-39 Sky Ranger, RE-1 Sky Courier, both mint. C. Lozano, 413 Western Hills, Coralville, IA 52241. (319) 645-2802

**FOR SALE:** Riders TV Manuals Volumes 1 to 10, good to vg condition - \$40 plus shipping. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

**WANTED:** Philco 90 cathedral cabinet, w/o speaker. Jim Cook, 1446 Reymond Rd., Columbus, OH 43220. (614) 459-3892

**FOR SALE:** Metal, miniature-portable record player, cute, knickknack - \$15. Salt & pepper set, looks like radios, like new - \$22. Console TV salt & pepper set - \$22. Small chromed Philco satellite speaker, needs cord - \$55. Bakelite microphone, has clothing clip, cord & plug, exc - \$50. RCA Victor, 45 rpm record player - \$60. All sold as is. Buyer assumes all responsibility. All postpaid. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635

**FOR SALE:** Silvertone Model 4212, metal midget, w/ leather trim and leather case, w/straps vg - \$65. Send \$1 and SASE for large list, refundable with order. James C. Schulz, 2812 Lagrange St., Toledo, OH 43608

**WANTED:** Cathedrals. Fax type and price including shipping costs to: Italy +131 235854. Live Music Studio, Via Righi 3, 15100 Alessandria, Italy

## CATALIN RADIOS

In the past year I have paid:

- Over \$10,000 for a bright red Emerson AU190 Tombstone.
- Over \$10,000 for a Fada model 188 Patriotic Series L-56 with a yellow case.
- Over \$10,000 for a Fada model 188 Patriotic Series L-56 with a blue case.
- Over \$5,000 18 times for other Catalin radios.

Who should you call  
when you have one to sell?

You make the choice.

Michael Lawlor  
P.O. Box 179 • Santa Barbara, CA 93102  
805-682-2336

**FOR SALE:** 1934 RCA 211 lowboy - \$55. 1938 Stromberg-Carlson 405-H wooden table with push buttons - \$70. John Koop, 48 Wheelbarrow Ln., Wantagh, NY 11793. (516) 731-6711

**FOR SALE:** GE trans. radio Model #P-808H - \$20 shipped. Jerry J. Schaefer, 932 No. 4th St., Grand Forks, ND 58203. (701) 772-2991

**WANTED:** 50's-60's Fender, Gibson, Vox low power amps. Also N.O.S. 7308 tubes. Jeffrey Korneff, 111 Thornberry Dr., Pittsburgh, PA 15237. (412) 486-9135

**WANTED:** Hoffman Nugget, Motorola Pixie; Motorola transistors (56T1, 66T1, 7X23, 7X24, 6X39). Steven D. Martin, 8625 E. Bellevue Pl., #1023, Scottsdale, AZ 85257. (602) 947-2853

**FOR SALE:** Emerson Catalin, green (190), damaged - \$650; #190 yellow, as is - \$850. Emerson AX-212 - \$225. Atwater Kent Model #337 - \$250. Philco #38-60 - \$200. (3) 40's TVs - \$150 ea. Lg. dial Zenith Model ? - \$150. Lg. Zenith cabinet, exc - \$100. Philco #46-1226 - \$175. Emerson Radio DM-331, exc - \$150. 1932 Seeburg jukebox, Selectophone, exc orig. - \$2,400. National Cash Register brass exc Model 313 - \$850.

**WANTED:** Old 40's-50's jukebox speakers or parts/pieces? Anything jukebox, or jukebox advertising? Free photo w/SASE. Cajun Jukeboxes, Box 645, Washington, LA 70589. (318) 826-3511

**WANTED:** BC-AA-191 and pre-1940 aircraft and airport radios, instruments, etc. James Treherne, 11909 Chapel Rd., Clifton, VA 22024. (703) 830-6272

**FOR SALE:** Custom-molded plastic knobs. Send knob to be duplicated with make and model plus \$8 each for solid color, \$12 each for imitation wood or Catalin. Also, custom-formed plastic dial lenses. Send old lens if possible, tracing of lens opening with make and model plus \$15 for each lens to: L. W. Terrell, 7109 E. Arbor Ave., Mesa, AZ 85208. (602) 830-7849

NEW

## Battery Eliminator Kits

### A-B "BENCH TOP" SUPPLY

- Powerful 3 Amp variable "A"
- 12 different "B" and "Cs" (160V diff.)
- Precision Variable "C" (0 to -22V)
- Antenna Ground
- Vernier "A" and "C" controls
- Labeled Terminal Block Hookups
- Fully Protected Outputs
- Fully Integrated



### A-B "FARM SET" SUPPLY

- Variable "A", 1.8 Amp, 1.25 to 4 Volts
- or 1 Amp, 1.25 to 8 Volts configurable
- "B" Output, 90 Volts @ 25 mA
- Antenna Ground
- Labeled Terminal Block Hookups
- Compact 3.5 x 4.2 x 2.5 inches
- Fully Protected Outputs
- Fully Integrated



Assembly in 1 hour. A-B Supply \$39.95, A-B-C Supply \$79.95. CALL 1-800-299-3005 PEPTRONICS. Discount in quantities. Distributors wanted. Peptronics, 103 Ria Villa Drive, Punta Gorda, Florida, 33950, VISA or MC

**FORSALE:** Hallicrafters S-40A, 9-tube, 540kHz-43MHz, restored, repainted case, stripped down and thoroughly cleaned & realigned - \$150 plus UPS. Hallicrafters S-38C, 5-tube SWL radio, 540kHz-32MHz, cleaned, 3 tubes new, realigned, very clean - \$60 plus UPS. Frank Savell, 238 Fountain St., Framingham, MA 01701. (508) 872-1036

**WANTED:** Ivory colored plastic grille panel and one knob for an Emerson 520. Gary G. Redfield, 214 Bailey Rd., Crystal City, MO 63019. (314) 933-0542

**FOR SALE:** Jensen 11-inch Dynamic speaker - \$50. Amp w/P-P 6V6 - \$20. Steve Imms, 51a Old Shannock Rd., Wakefield, RI 02879. (401) 783-5387

**WANTED:** Front lid for Zenith Trans-Oceanic Clipper 7G605. Also schematic. Walter E. Johns, 40 Swarthmore Rd., Wellesley, MA 02181-6609. (617) 237-9277

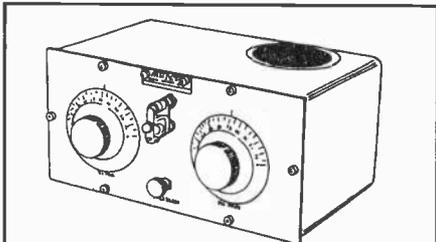
**FOR SALE:** Philco 46-200 - \$30. Traveler, NM, small, white printed Bakelite - \$35. Zenith 5D011 - \$45. Westinghouse H417T5 - \$35. GE Musaphonic, NM - \$35. RCA 8R71 - \$50. Allied Radio Data Handbook, 1943 - \$10. Radio Bargain Catalog, 1935 - \$18. Booklet, What to Look for When Buying a Radio, RCA, no date - \$20. Postage extra. R. C. Moore, 452 West Park Ave., Aurora, IL 60506. (708) 264-0428

**FOR TRADE:** 1920 CRL Paragon tuner, Serial #374. Want Cuttings & Washington, Paragon, Amrad, Grebe, etc. - that I don't have. Ed Bell, 5311 Wooddale Rd., Raleigh, NC 27606. (919) 851-1517

**WANTED:** Zeniths, all types. Send description, price, condition. Must be complete. Harvey Leners, 5426 So. 185th, Omaha, NE 68135

**WANTED:** Heathkit ham gear; SB-500, SB-600, SB-610, SB-620, HM-2102, pre-1970 Heathkit catalogs. Ron Lawrence, KC4YOY, PO Box 220094, Charlotte, NC 28222-0094. (704) 289-1166

**FOR SALE:** German radio, Emud T-7, AM, FM, SW, tuning eye tube, very good cond., not playing - \$50. Joseph Gambaccini, 192 Division, Shelton, CT 06484. (203) 924-0271



**WANTED:** Pre-1926 radios by AMRAD. Also, Amrad radio parts, accessories, and literature. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

**CAPACITOR REBUILDING** - Wet or dry, round single cans \$10. postpaid return. (price starting Nov. 1st). We will do rebuilding of any flat, rectangular, etc. canned capacitor. Twist-Locs @ \$10. to \$15 postpaid. Wanted: to buy single round wet cans, 1-3/8" diameter for \$2. each plus shipping. Everett Hoard - Frontier Electronics, 403 S. McIntosh St., Lehr, ND 58460. Phone 701-378-2341 ans. machine on 4th ring.

**WANTED:** For McMurdo Silver Masterpiece III & VI: power supplies, speakers. For Masterpiece II, speaker. George C. Harris, 3212 36th St., Lubbock, TX 79413. (806) 795-5604

**WANTED:** IERC tube shield S tube sockets 9-pin ceramic plate, Sliver contacts. Hsien Wen-Hwa, 4F No. 402, Hopping W. Rd., Sec. 3, Taipei City, Taiwan, R.O.C.

**FOR SALE/TRADE:** New concept, video catalog, see over 200 items from breadboards to transistors on VHS video, includes TVs, ads, books, mags & early components, updated monthly, exchange program - \$6, covers cost of high quality T120 VHS tape + postage. Sonny Clutter, 14407 N.E. Fremont St., Portland, OR 97230

**WANTED:** IFs and OSC coils for Radio Receptor Superhet (RECPTRAD). Don Patterson, 636 Cambridge Rd., Augusta, GA 30909. (706) 738-7227

**FOR SALE:** Miscellaneous parts, radios. Business SASE. Many Photofacts, other schematics - \$2 for lists. Jack Tigglerman, 2782 Floral Dr., Zeeland, MI 49464

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

**FOR SALE:** Shure 55S microphone; Shure A88A grip switch, original box - Make Offer. James Stueber, 8920 Lexington Ave. NE, Albuquerque, NM 87112. (505) 299-2414

**FOR SALE:** Fada 175A Neuroceiver - \$150. Westinghouse H337T5 - \$35. Zenith Consoltone 5D011 - \$35. Zenith A508R - \$20. Zenith 53 - \$150. AK 40 in Pooley desk cabinet - \$300. AK 30 - \$130. RCA Radiolas: 18 - \$70, 17 - \$70, 60 - \$110, 33 - \$60. Case Neurodyne - \$50. Fada Neurolette - \$150. Philco 38-62 - \$75. Olympic 557 - \$20. Emud T7 - \$40. Seeburg Wall-O-Matic W1-L56 - \$80. Eico Signal generator 360 - \$20, VTVM221 - \$10. Hickock 660 dot-bar generator - \$35. Tube testers: Hickock 750 - \$60, Knight KG600B - \$20, RCA Card-O-Matic W110A - \$75, Radio City 802NA - \$20. Color copy of Toshiba's 1959 transistor radio line - \$4. All plus shipping. John Kendall, PO Box 436, Fallston, MD 21047. (410) 483-3884, 7-10 pm Eastern or all day weekends

**WANTED:** Crystal sets wanted. Parts, detectors, what have you? American & European. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

**FOR SALE:** Riders 1 through 18 - \$12 each and up. AK 84 cathedral - \$250. Minerva Tropic Master - \$30. 1950's Allied Catalogues - \$10 each. Mallory Encyclopedia - \$18. RCA Redbook - \$30. 1940's Radio Retailing - \$6 each. 1930's Radio News - \$2.50 each. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145. (216) 871-4547

**FOR SALE:** PHONO NEEDLES & CARTRIDGES (ceramic - magnetic). What do you need? Send SASE. J. J. Papovich, 53 Magnolia Ave., Pitman, NJ 08071. (609) 582-8279

**WANTED:** RCA engineering tube date manuals; Stokes 70 years of valves in hardback; AK35; Thompson Magnaphone horn. Robert Perlstein, 17 Vine St., Medford, MA 02155. (617) 391-3026

**MESSAGE:** Invitation: Going South for the winter? Come by for a visit - I always enjoy showing my stuff and talking old radios. Only a few minutes off of I-95. Bring along a few early battery sets to sell and pay for your vacation! I'm available most anytime by appointment. Ed Bell, 5311 Wooddale Rd., Raleigh, NC 27606. (919) 851-1517

**FOR SALE:** Dial calibration is easy with our crystal controlled receiver dial marker, uses 9v battery or rectified filament voltage, three WWV referenced outputs provide rock steady signals from broadcast to UHF, great pocket signal source - \$17.95 Kit; \$24.95 assembled. \$4 S&H, Visa/MC. \$1 brings catalog and coupon. Two Fox Electric, PO Box 721, Pawling, NY 12564. (914) 855-1829

**WANTED:** Tube hi-fi amplifiers, Dynaco ST70, MKIII, MKIV. Rome Castellanes, 1920 Ocean Ave., Apt. 2B, San Francisco, CA 94127. (415) 587-2704

**FOR SALE:** Atwater Kent 37-C, Red Lion cabinet - \$200. Atwater Kent 70-L - \$200. Philco 84 cathedral - \$125. Philco 38-12 - \$65. Fada 460-V, Ivory Bakelite - \$125. Shure 55-C Elvis microphone - \$125. 1960's Fentone, Japanese copy of RCA 77, new in box - \$45. Astatic JT-30 harmonica mike - \$75. General Electric heavy duty toaster cord, new old stock - \$8 each. Warren DASHO, 26 Kingston St., Reading, MA 01867. (617) 944-0470

**WANTED:** Good instruction card for first Freshman Masterpiece, or will buy cabinet with one. Mike Parker, 945 S.E. Linn St., Portland, OR 97202

**FOR SALE:** Emerson Cl256, STRAD, original finish and running. RCA 140, original finish & grille. National Thrillbox Model ACSW5 with set of six plug-in coils. International Kadette, early brown Bakelite model, working. Philco Model 620. Zenith Model 7S529. GE Model J-83. Zenith Model 6S128. Lyric Model J. Zenith Model 5678. AK Model 84 excellent. Frank D. Atwood, 117 E. Main St., Merrimac, MA 01860. (508) 346-8100

**FOR SALE:** Radio Boys With Forest Ranger - \$10. Hallicrafters S120, works - \$30. Arvin 5591 chassis, works - \$20. Motorola DC2W, AM/FM clock, works - \$10. Dennis Atkinson, Upper Park St., Phillips, ME 04966. (207) 639-3111

**WANTED:** Midwest 24-tube "Royale," 18-tube "Imperial," other Midwest 18+ tube consoles of the mid 1930s. Chuck Dachis, 4500 Russell Drive, Austin, TX 78745. (512) 443-5027

**WANTED: MARTIAN BIG 4 OR LITTLE GEM. PAYING ASKING PRICE. CONTACT DENISE LE MOAL, 5757 WESTHEIMER, #3139, HOUSTON, TEXAS 77057. (713) 680-8102 Fax, (713) 680-8110 phone.**

**I BUY:** Old Jensen speakers, Alnico V, Concert Series, Special Design, etc., 10", 12" & 15", working or not. Tracy Sands, 2166 W. Broadway, #119, Anaheim, CA 92804-2446. (714) 525-5223

**SEE ON VIDEO:** Over 200 radios & related items for sale or trade. High quality VHS Video shows wood, plastic, transistor, TVs, books/mags & other stuff. \$6.00 covers cost of high quality T120 VHS tape & postage. Sonny Clutter, 14407 NE, Fremont St., Portland, OR 97230

**FOR SALE:** Crystal set by Carter Co. (CarCo) - \$250. Philmore crystal set, the one that looks like a house - \$175. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

**WANTED:** Neutrowound radios and speakers, literature, especially blue case Neutrowounds. 201A tubes with gold, blue, and red glass. Jeffrey Viola, 475-B Elton Rd., Jackson, NJ 08527. (908) 928-0666

**WANTED:** 1- to 3-tube or transistor radio devices built from kit, espec. Philmore, Revell SW radios. Hugh Miller, 6400 Maltby, Woodinville, WA 98072-8375

**FOR SALE:** Industrial tubes. 2-Eimac 250TH, 1-RCA 811A, 10-RCA 813, 1-RCA 815, 1-RCA 829B, 1-Eimac 7203/4CX25, 1-Sylvania 4-1000A, 1-RCA 3C33, 1-GE 814, 1-GE 5720/FG-33, 1-RCA 832A, 1-Amperex (France) 866 AX, 1-RCA 866A, 3-RCA 6146B/8298A, 14-RCA 807, 1-Eimac 25T, 4-Sylvania 1625, 2-Raytheon RK-48 and 48A, 2-RCA 2C40, 1-Eimac 304TH, 1-RCA 803, 1-Westinghouse 803, 1-RCA UV849, 3-RCA 826, 3-United Electronics Cue-3B24WA, 1-National Union VTS2, 3 Western Electric 3B24, 5-VR-135 (10E/392). Would like to sell all as one deal. BO plus UPS. George Jones, Rt. 4, Box 31, Fernandina Beach, FL 32034. (904) 261-6533

**WANTED:** Jensen G610 triaxial speaker and/or M cabinet, 1950. For swap only: 713C/KS12027/702A. Alan Douglas, Box 225, Pocasset, MA 02559

**FOR SALE:** Console, Serenade, short legs, no #s, chas 47C A/O N/D @ 10 - \$120. Crosley M124 A/O N/D @ 10 - \$125. Silvertone Consollete M1853 batt @ 10 - \$90. W/house MWR610 BC/SW - \$45. Day-Fan OEM 7 w/ tubes - \$90. AK 35, no tubes - \$40. Plus pkg. & UPS. Bernie Samek, 53 Old Palmer Rd., Palmer, MA 01069. (413) 245-7174

**ELECTRONIC ITEMS FOR SALE:** Radios, tubes, books, test equipment, audio equipment, records, knobs, meters, ham items and crystals, components, vibrators, software, etc. For a letter of lists for sale, send a LSASE properly stamped (no postcards) to: Richard and Rose's Radio Mart, PO Box 691443, Tulsa, OK 74169

**FOR SALE:** Sams 177 to 1801. Also Sams AR's, TSM's, MHF's. \$2.50 each plus postage. Maria P. Troutman, PO Box 760, Brewer, Maine 04412-0760

**FOR SALE:** Capacitors from new 25. volt to used oil filled @ 2000.V. Dual tubular 33.µF/.47.µF. @ 160. Volt - \$10/four ppd. Triple 33.µF/33.µF/.47.µF. @ 160.V. - \$10/three ppd. Triple 33.µF/.47.µF. @ 160. V. plus 22.µF. @ 25.V. - \$10/three ppd. Dual 10.µF./10.µF. @ 450. Volt common negative - \$10/four ppd. Same with isolated negatives - \$10/three ppd. FRONTIER ELECTRONICS, Everett Hoard, Box 38, Lehr, ND 58460. (701) 378-2341, answering machine 4th ring

**WANTED:** Citizens Radio Callbook magazine for 1920, 1921, 1922. U.S. Amateur Callbook magazine (flying horse cover) for 1925, 1926. Department of Commerce "Radio Stations of the U.S." for 1913 plus supplements. First thru Fifth Annual Official Wireless Blue Books for the Wireless Association of America. Bob Arrowsmith, PO Box 166, Annandale, VA 22003. (703) 560-7161 collect

**FOR SALE:** Cheap Catalin! Well, it's not a radio, but a Halliwell Solar Beam sunlamp timer. Has same cabinet as the Crosley G1465 radio (Sideli, p. 40), in stunning, heavily marbled reddish maroon. Instead of the grille and dial opening, the timer has a long pointer knob for time setting, plus a toggle switch and a large green jeweled indicator. A buzzer sounds at the end of the timed interval and the light goes out. No chips or cracks, but cardboard back is missing - \$200. Carl Ratner, 550 Lamoka Ave., Staten Island, NY 10312. (718) 317-1838

**WANTED:** Short Wave Craft magazine: February 1933. Andrew Flrcak, 385 Olympic Ave., Buffalo, NY 14215-2746

**FOR SALE:** HV capacitors, odd parts, crystal callibrator kit. At prices you'll like. \$1 brings catalog and coupon. Thanks. Two Fox ElectrIX, PO Box 721, Pawling, NY 12564. (914) 855-1829

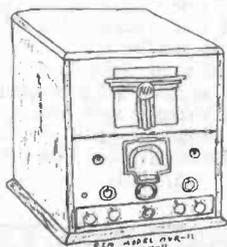
**WANTED:** War-time German, Italian, Japanese radio equip., whole or part. Also: U.S.A. military and non-military sea, land, air mobile radio devices 1930-1945. Mobile radio manuals, any years. Thank you! Hugh Miller, 6400 Maltby, Woodinville, WA 98072-8375

**WANTED:** University 6201, Craftsmen C500, Fairchild 255, HK Galaxy 40, JBL 075. **FOR SALE:** AR 3 a MID's, \$25 @. Tweeters, \$15 @. Craftsmen 800 tuner - \$75. Fisher 90X tuner, missing some tubes - \$50. Stromberg-Carlson SR 440 tuner - \$50. Dynaco ST120 amp - \$100. Fisher 400 rcvr, no knob caps - \$75. Trades. Francis Canlas, 58 N. Isabel St., #D, Glendale, CA 91206. (818) 243-0171

**FOR SALE:** H/P VTVM's: 400D - \$15, 400H - \$25. **WANTED:** Working wire recorder and Wilcox-Gay Recorder. Stephen N. Phipps, NØLNY, 10201 West 52 Ter., Merriam, KS 66203. (913) 362-4427, after 7 pm

**FOR SALE/TRADE:** Beautiful Stromberg-Carlson 935PR combination, fifteen tubes, 6L6's, Acoustic-Labrynth; for AK 10B breadboard 3 tube island, or potentiometer cylinder. Nevins Museum of Radio, Kenneth Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, eves.

**WANTED:** Broadcast-type MICROPHONES. Early carbon, condenser, ribbon, dynamic, etc. Cash or trade. James Steele, PO Box 620, Kingsland, GA 31548-0620. (912) 729-2242



**WANTED:** RCA Model AVR-11 (AV-11) airport receiver as shown, any condition, housed in a steel tabletop cabinet approximately 20"W x 24"H x 16"D, 1937 vintage. Similar to the ACR-111 but is not the same radio. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Dr., Austin, TX 78745. (512) 443-5027

**FOR SALE:** Splitdorf battery - \$125. Emerson Model 455 in portable Treasure Chest - \$165. Radiola 16 - \$100. Radiola 20 - \$210. U.S. Gloritone cathedral - \$225. Gen. Television piano radio - \$300. Radiola III - \$100. Bristol 1-stage amp - \$175. Franklin radio, battery, with built-in horn - \$210. Ware Neutrodyne Type-T radio - \$295. Majestic horn & driver - \$145. Freshman Masterpiece - \$95. World battery, rare - \$150. AC Dayton XC-5 - \$150. AC Dayton XL-25 - \$210. Melodyne radio, battery - \$150. Crosley Trirayn 3R-3 - \$75. Crosley Ace Type 3B - \$190. Radiola 60 - \$85. Magnavox horn & driver Type M-1 - \$150. Philco display sign Slectric round - \$125. Crosley 50 - \$165. Stewart-Warner cathedral - \$200. Philco 20, (2) - \$225 and \$150. Freed-Eisemann NR-6 - \$150. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

**WANTED:** Old trumpets and cornets; purchase or trade vintage radios, transistors, ham gear, etc. Alvin Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536

**FOR SALE:** 1927 Victrola 7-3 orthophonic phonograph/Radiola 20 combination, transistorized power supply, perfect working order, nice original cabinet - \$1,200. Gary Nitkin, 102 Long Highway, Little Compton, RI 02837. (401) 635-2816

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To get your free 20 words,  
include your SUB# with your Ad.  
Additional words are 15¢ each.  
Read inside back cover for details.  
**MANY THANKS!!!!**

**WANTED:** Westinghouse Type RT antenna coupler for RC receiver. John Breen, 20 Coburn Rd., Manchester, CT 06040. (203) 649-0556

**WANTED:** User's manual for the HP signature analyzer 5004A. S. Goldhor, 2147 Trombas Ave., San Leandro, CA 94577. (510) 357-3788

**FOR SALE:** Nice Hammarlund HQ-100A, has Telechron clock and external speaker - \$100. Westinghouse Aeriola Sr. - \$180. Fleron signaler practice telegraph set, Bakelite, in original box - \$40. Hallicrafters S38B - \$45. Goplana, wood Polish Grundig look-alike, nice - \$50. RCA 103 tapestry speaker, real nice! - \$150. Western Electric 100-F loudspeaker/amp - \$30. Revere Model 400 portable - \$40. Crosley 56TV0 wood - \$20. RCA 66x12, painted - \$15. RCA 68R3, case rough - \$15. ARC 601 Alligator portable - \$15. 250TH xmmitter tube - \$15. Jeffrey Viola, 475-B Eltone Rd., Jackson, NJ 08527. (908) 928-0666

**WE'RE STILL HERE!** Tubes: "Oldest," "Latest." Schematics. SASE for lists to Steinmetz Electronics, 7519 Maplewood Ave., Hammond, IN 46324

**WANTED:** Stromberg Carlson 225H in excellent original condition. Any 1930's colored plastic (non-catalin) sets. Celluloid horn speakers in Red, white, marbled or other colors. Adam Schoolsky, 38007 Stenhammer, Fremont, CA 94536; Tel/Fax (510) 791-0584, leave message

**SAMS WANTED:** Photofacts, Specialized Books and VCR Service Data SAMS and Manufacturers. A.G. TANNENBAUM, PO BOX 110, East Rockaway, NY 11518. (516) 887-0057

**FOR SALE:** 1946 Truetone Stratoscope Model D2615, brown Bakelite w/6 push buttons - \$80. 1935 Atwater Kent Model 545, tombstone w/3 knobs, SW/BC - \$120. 1941 Arvin Model 522, brown midget metal, square dial - \$70. 1950 Silvertone Model 1, brown metal w/contrasting knobs - \$70. 1950 Model 2, white metal w/contrasting knobs - \$60. (2) 1948 Westinghouse Model H126, Little Jewel refrigerator radios - \$80/\$100. 1953 Crosley Model E-15-CE, lime green Bakelite, with horizontal bar and large pointer - \$60. (2) Hallicrafters Model S38-C/S38-A - \$40/\$30. 1935 Delco Model 1106, tombstone w/round airplane dial, 4 knobs, BC/SW - \$100. 1947 Delco Model R-1230A, ivory Bakelite w/ribbon candy, 1946 Belmont Model 6D111 - \$165. 1935 Arvin Model 51, tombstone w/4 knobs, BC/SW - \$95. 1935 Emerson Model U-5A, brown plastic, case repaired - \$140. 1940 Philco Model 40-155, slant front w/8 push buttons BC/SW - \$70. 1937 Philco Model 37-84, cathedral w/round center dial - \$110. 1947 Philco Model T521, BC/FM - \$30. 1949 RCA Model 8X-541, maroon plastic - \$25. All items plus UPS. George Jones, Rt. 4, Box 31, Fernandina Beach, FL 32034. (904) 261-6533

**WANTED:** Working in circuit cap tester, also Zeniths 7J328, 9S324, 12S445. R. T. Shost, 1307 Maple Ln., Sedalia, MO 65301. (816) 827-2655

**WANTED:** Atwater Kent single tube detector (breadboard part) needed for a restoration project, thanks. Rick Peterson, 206 Longfellow, Mandeville, LA 70448. (504) 624-9969

**FOR SALE:** Howe crystal set - \$175. AK Model 20 - \$100. Kadette Model 66X50 - \$50. National Union G-619 - \$30. Victor oak wind-up phonograph, Model VV-VI - \$225. 2-minute wax cylinder records, mint condition - \$10 ea. 22-inch Morning Glory horn - \$80. Frank Eder, Route 403, Garrison, NY 10524. (914) 424-3470

**BOXED CLASSIFIED ADS WORK!** This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 5th of the month.



**WANTED:** Early tube Hi-Fi components and studio equipment by Marantz, McIntosh, Tannoy, Acrosound, Brook, Brociner, Fairchild, Hadley and others. Also want Western Electric theater amplifiers, speakers, tubes, & microphones. Richard Sharisky, PO Box 521, Belmont, MA 02178. (617) 484-5784

**WANTED:** Old fountain pens by Parker, Sheaffer, Waterman, Mont Blanc, Conklin, etc. Will trade name-brand high quality radios for them or pay cash for the pens. Contact: Frank Weissman, 4 Shadbush Ln., Westport, CT 06880. (203) 454-1267, after 9 pm EST

**WANTED:** Micronic Rubies by Standard Radio, small transistor radios, paying top dollar for these radios. Kent A. Ise, 224 Cowesett Rd., Warwick, RI 02886. (401) 885-7558

**FOR SALE:** Radiola III chassis, no tubes - \$40. Radiola IIIA, complete outside, some part missing inside - \$40. Radiola Model 100A speaker, good cond. - \$40. All items plus UPS. Call or write: Thomas Burnside, 4838 S. Westhaven Dr., Jackson, MS 39209. (601) 922-2235

**FOR SALE:** Transistor: GE #P915A, shirt pocket, 8-tran., black & blue, works, hand wired - \$15. Emerson #888, black, salvage parts set - \$15. Motorola #7X25W, 7-tran., tan, works - \$15. Above + UPS. Donald Soch-urek, W191 S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

**FOR SALE:** Zenith H500 Trans-Oceanics (2), one works, one parts set - \$60/both. Aud-I-Tone wood transistor spice rack radio - \$30. Westinghouse WR10 tombstone, rough - \$40. Dennis Schrank, 3129 S. Quincy Ave., Milwaukee, WI 53207. (414) 744-3374

**WANTED:** Butterscotch knobs for Motorola 50XC. Also looking for handle to RCA 40X57, San Francisco Expo. Like to find Emerson 744B in undamaged condition. Steve Berglund, 617 S.W. 146th St., Seattle, WA 98166. (206) 244-6428

**FOR SALE:** Reproduction dial glasses for Catalans. FADA 652 and Sentinel 284 - \$35 ea. plus \$2 postage. Radioart, Box 102, Centerbrook, CT 06409

**WANTED:** Hallicrafters Sky Riders with entire front panel silver color; also S-30, S-33 pan adaptor, SX-112, HT-2, HT-3, HT-8, HT-12, HT-14, EP-132; wood console speakers R-8, R-12; parts, advertising & memorabilia. Chuck Dachis, The Hallicrafter Collector, 4500 Russell Drive, Austin, Texas 78745

**NOTICE:** All Frontier Electronics' business will be handled year round from FRONTIER ELECTRONICS, Everett Hoard, Box 38, 403 South McIntosh St., Lehr, ND 58460. (701) 378-2341, ans. mach. 4th ring

**WANTED:** Various parts for PHILCO 16 CODE 121, will buy entire chassis if necessary provided it is complete. Ken Strack, Box 3673, 680 West High St. #4, Quincy, CA 95971-3673

**WANTED:** AN/TRC-10 radios; AN/PRC-1; AN/PRC-5; M-209 Cipher machines; any radios beginning with letters "SS" (example "SSR-5"). Keith Melton, Box 5755, Bossier City, LA 71171. (318) 747-9616

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**PHONOGRAPH PARTS:** VINTAGE RADIO & ELECTRONICS, Needles, Cartridges, Drive Wheels. We can repair or replace your old pickup. Drive wheels rebuilt. Send SASE for lists or phone: Vintage Radio & Electronics, 1414 17th St., Rockford, IL 61104. (805) 229-6900

**FOR SALE:** The Antique Radio Boys and the Garrulous Grebe, first book edition of the story and illustrations originally serialized in A.R.C., paperback - \$6 postpaid First Class. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448

**FOR SALE:** Consoles: Zenith 8S359, 9S262. Tomstones: General Electric M-61 - \$125, Westinghouse WR-23 - \$125, Zenith 5S228 - \$175. Battery Sets: Fada 192 - \$40, Day-Fan 5050 - \$100, Atwater Kent 20C - \$50, 30 - \$50. Grandfather clocks: Philco 70, Silvertone, both excel. Plus many more. Joe Trovato, 1013 Bell Ave., North Braddock, PA 15104. (412) 271-2813

— WANTED —  
**PICTURES FOR TELEGRAPH REVIEW  
 PHOTOS MUST BE SHARP IN DETAIL  
 A SHORT DESCRIPTION IS A MUST!  
 REQUIREMENTS FOR TELEGRAPH REVIEW  
 ARE THE SAME AS FOR PHOTO REVIEW**

**WANTED:** Magnavox amp 111B. Radiola 60 top and hinge. David Collins, 481 E. Center, Medina, NY 14103

**WANTED:** 15" FM speaker. Also lid/cover for Philco 511 breadbox. Edward R. Barbacow, 330 Ceylon Rd., Carmichaels, PA 15320

**FOR TRADE:** RCA Theremin and 106 speaker, want 25-tube Zenith Stratosphere. **FOR SALE:** Malone Lemmon Control-O-Meter (pretuner) - \$75. Ron McClellan, 201 W. Boot Rd., West Chester, PA 19380. (215) 363-5637

**FOR SALE:** B&W 5100B transmitter in vg condition with original manual - \$250. NC-300 in vg to exc condition with original manual - \$250. Viking I in vg condition with manual copy - \$150. Lavoie LM-18 spectrum analyzer in vg condition with manual copy - \$375. Please ask for list of goodies I will mail to you. Clyde Sakir, N7IOK, 4243 E. First St., Tucson, AZ 85711. (602) 323-1120

**FOR SALE:** Admiral palm tree tube portable 6P32-6E1N - \$125. Lear Inc. Learavion tube portable - \$150. Traveler 55C42 clock radio - \$100. Meissner 10-1116 combination receiver, works great - \$150. Harron Labs Air Com Bakelite receiver w/manual - \$140. RCA 1-F2-E FM radio, Greco Modern, several tapers, magnifying pointer - \$200. Wristo Radio (Breed 492) - \$90. Knight helmet w/face, MBC (Breed 409-A) - \$95. Coop Director car battery - \$40. Rocket diode radio w/slide tuning, Japanese - \$75. All plus UPS. Thanks & take care. Chuck Bray, 1322 Ivy Rd., Bremerton, WA 98310. (206) 373-1013

**WANTED:** Emerson 706B or tuning knob for this (see Bunis, p. 62). **FOR SALE:** Tubes & parts new and used for vintage electronic organs. Diagrams. Marion L. Clemens, 10129 Lapeer Rd., Davison, MI 48423. (313) 653-2439

**FOR SALE:** (6) Crown SX-822 open reel tape decks, 10 1/2" reel, 3-speed. Call for details. WE batt. charger built in 1932 - \$40 plus ship. Harold D. Wright, Rt. 1, Box 259, Chancellor, AL 36316. (205) 347-0393

**FOR SALE:** RCA 74B - \$350. Altec 639B, excellent - \$600. Altec 515 15" woofers - \$400/pr. Thomas Crocker, PO Box 11582, Glendale, CA 91226. (818) 246-4757

**WANTED:** Baldwin and Trimm horn tops, Leader and AK-L horn bases. Mahogany color Kilograd veneer dial. A Grebe AC-7. Ken Martin, 12667 Eckard Way, Auburn, CA 95603. (916) 885-0243

**FOR SALE:** Heathkit Apache Model TX-1 transmitter & single sideband adapter Model SB-10 with manuals. Paul Cowlshaw, 1424 25th St., Ogden, UT 84401. (801) 393-8703

**FOR SALE:** Reprint, Riders Index Volumes 16 thru 21 - \$7 ppd. Zenith rectangular glass - \$14 ppd. Willard Bogard, 4825 W. Central, Wichita, KS 67212-2348. (316) 943-8145

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**WANTED:** Hickok 539 B tube tester instruction manual. Richard Gray, 9181 Chesapeake Dr., San Diego, CA 92123. (619) 560-4162

**WANTED:** Philco 42-1008 code 121 schematic, turntable, dial glass, knobs, buttons and any info. Jim Ferguson, 1520 W. Peoria #238, Phoenix, AZ 85029. (602) 943-6091

**FOR SALE:** Grundig 5Z99u/s and 2147U, not working - \$50/both. **WANTED:** Rider's #23. Phil Boydston, 102 Concorde Pl., Mondeville, LA 70448. (504) 845-0867

**FOR SALE:** All radios listed are excellent and working. Airline Belmont Model 04BR-513A and 14BR-513B (Bunis II, p. 15) same as 514B - \$85 ea. Airline 141BR-521A, looks same as 1501B, page 17 - \$65. Emerson Deco Model EP-406, Ingraham wood case - \$85. Zenith 6S-511 Bakelite case with pushbuttons - \$75. Rare 1937 GE Deco Bakelite Model F-40 - \$95. Rare Kenmore 1931 cathedral, fancy case, refinished Model S Jr. - \$185. Colin B. Kennedy Model VI, not tested - Make Offer. Shipping extra. Delmer Woodley, Rt. 3-Box 13, Milford, IA 51351. (712) 332-5673

**WANTED:** National SW-3 receiver, coils available, condition - State Price. Spencer Cromwell, 7607 Stevenson Way, San Diego, CA 92120. (619) 582-8280

**FOR SALE:** Predicta info. Copies of 6 pages from Philco's Summer 1958 Newsletter, telling the story of the "New Concept in Television," the Predicta. Interesting - \$3 ppd. Freed-Eisemann Model NR-5 - \$75. Kevin Eftink, 16 Edgewood Dr., Quincy, IL 62301. (217) 228-2221

**WANTED:** Stereo/Mono cartridge, tone arm, etc. Aki Komatsuzaki, 267 Kingston Hill Way, Los Gatos, CA 95030. (408) 356-7051

**FOR SALE:** Crosley Coloradio 10-139, green, nice - \$110. Shipping included. Lloyd (Bud) Noel, 494 Clark St., Galesburg, IL 61401. (309) 342-2825

**FOR TRADE:** Westrex RA75A 75w. monoblock tube amplifier, to trade for Atwater Kent Model 10 with speaker. Mark Zaluski, 113 Pike Cres., Winnipeg, Manitoba R2K 3C1. (204) 667-3562

#### CLASSIFIED AD NOTICE

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

**WANTED:** Hallicrafters S51 receiver. Should be complete and condition good but not necessarily working. M.T. Edwards, 13404 117A Ave., Edmonton, Alberta, Canada T5M 3J7. (403) 455-9367

**FOR SALE:** RCA "Magic Brain" radio, phono, recorder console Model D-22, huge and magnificent 22-tube top of line in 1936, with original owner's manual, catalogue & recording discs, from a Marin Mansion, expensive - open to fair offers. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

**FOR SALE:** Rider's Radio Manuals, Volumes 16 thru 22, excellent condition - \$200 plus shipping. John Snow, 4539 Bartlett, Shorewood, WI 53211. (414) 964-0194

**WANTED:** RCA AR88/CR88, Hallicrafters HT-6, HT-9, and HT-20. Have equipment for trade. Shane Ward, N1DMX, 14 Pond St., Amesbury, MA 01913

**FOR TRADE:** DeFo  
**SALE:** (1) Bendix  
Martin, 701 Northdal

**WANTED:** I will pay  
Peter Frei, PO Box 1  
942-8968

**FOR SALE:** Transcrip  
oid 16-inch radio pro  
speeds, self-contain  
tional units, working  
mike/PA inputs, good  
AMEX card - \$75, \$15  
Plus UPS. Have a fe  
suitcase style units too, working - \$25 to \$45 each.  
Robert DeMars, 989 40th St., Oakland, CA 94608.  
(510) 655-8373

**WANTED:** GE-K64/RCA-121 chassis. Scott Phant  
om cabinet. ICOM 271H/471H all modes. Doug  
McManus, 20 Deland Park A, Fairport, NY 14450.  
(716) 388-1275

**FOR SALE:** Transmitters: Viking challenger - \$75. 6N2  
- \$60. Hallicrafters HT-17 - \$60. Transistor radio kit,  
N.I.B. Model 512 by Graymark Educational Projects,  
Inc. Made in 1967, used to teach transistor radio theory  
in high school. Comes with a 44 page booklet of instruc-  
tions - \$30. All plus UPS. **WANTED:** Wire recorders, no  
Webster Chicago. Peter Dieguez, 36-48 34th St., Long  
Island City, NY 11106. (516) 625-0429

**FOR SALE:** Phico 50 chassis and speaker - \$40.  
Philco 60 chassis and speaker - \$20. AK 83 chassis and  
speaker - \$20. Knight-kit R100A receiver and speaker,  
crystal calibrator - \$45. Rolls-Royce pewter transistor -  
\$30. Military RT67 transceiver, power supply, shock  
mount, manuals - \$50. Add UPS. Call for details.  
Raymond Filozof, 339 Howertown Rd., Catasauqua,  
PA 18032. (215) 264-4733

**WANTED:** For my collection (any condition): Western  
Electric Model 86, 91, 92, 124, 142, or 143 amplifiers;  
any WE speakers or horns/drivers or tubes for these  
amps and any WE tubes, transformers, chokes, parts,  
literature, etc. Also need a Garrard 301 turntable, a  
Marantz Model 1 audio consolette, a Marantz Model 7  
preamp, a McIntosh C-22 or C-11 preamp, and 1 or 2 of  
the following RCA speakers/enclosures: MI-4400, Type  
64A, MI-4410, MI-4411, LC1, LC1A/B/C or Jensen 12"  
or larger field coil speakers. Have lots of tube audio  
equipment, some battery radios and parts to sell or  
trade for the above. Call or send for a list. Thanks. Rick  
Nasti, 185 Belmar Ave., Oakhurst, NJ 07755. (908) 531-  
8520

**FOR SALE/TRADE:** Stellar-Roger Maris/Mickey Man-  
tle radio, trophy baseball radio. Catalins: Emerson  
Patriot, S20 green; Fada 652 yellow, 360G, V & 260D.  
Ross Litrenta, 1 Wilton Rd., Eastchester, NY 10709.  
(914) 337-7176

**FOR SALE:** Red Philmore Crystal set, Heath CR-1  
Crystal, Metal Arvin, Black Royal 500D, a nice Chinese  
Red Regency TR-4 w/t box & paper, two Mitchell  
bedlamp parts sets. **WANTED:** Correspondence with  
anyone with an Ace 3B portable, a tower cone speaker  
driver or junker, a Thorough horn driver, a power  
supply, any condition, for a Scott AC-10 and audios/  
restoration sketches for Harkness 3-tube reflex. Dale  
Davenport, 622 S. 18th St., Fort Smith, AR 72901. (501)  
785-4929

WANTED: Owners manu-  
Kennedy V and Kellor  
Thanks! James W. W  
ton, IL 60481. (815)  
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Richardsor  
WV 255  
FOR

als, advertising, etc. for a  
gg Wavemaster, copies OK.  
atcher, 1311 Janet Dr., Wilming-  
3) 476-9184

chematic for Precision EV-20 VTVM. Greg  
WA8JPC, PO Box 405, Gallipolis Ferry,  
15

**FOR SALE/TRADE:** Eico tuner/amp #3566 (Sams 956),  
works; Zenith 8S661, vg condition works. Dennis Hil-  
berg, 804 Ravine St., Decorah, IA 52101

**WANTED:** Philco 35-2640 power transformer for Philco  
46-1209 and Atwater Kent 55. Robert Van Osdol, 401 E.  
Main, Morrison, IL 61270. (815) 772-2719

**WANTED:** Any documentation for Rohde & Schwarz  
SK040/31A1A3 400-watt HF transmitter, circa 1953.  
Geoff Fors, Box 342, Monterey, CA 93942. (408) 373-  
7636

**FOR SALE:** Auto radios repair technicians servicing  
vintage vacuum tubes auto radios. Send LSASE for free  
technical bulletin. Jack Shaymow, Vintage Electronics,  
52-C Tilford, Deerfield Beach, FL 33442. (305) 427-  
1222

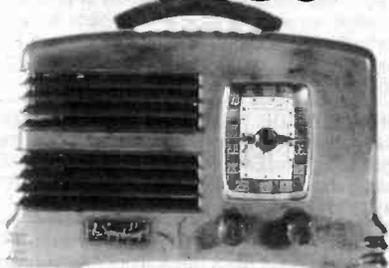
**WANTED:** McIntosh or Fisher multiplex adapter, West-  
ern Electric 519A transformer. **FOR SALE:** RCA 9BT9J  
transistor w/leather case - \$25. Zenith flip-dial table AC/  
DC radio - \$35. Mark van Roojen, PO Box 83836,  
Lincoln, NE 68501-3836. (402) 438-3724

**WANTED:** Tube test socket adapters, record cutting  
machines, audio tube gear, jukeboxes, records, Predic-  
ta TVs, etc. Kim Gutzke, 7134 15th Ave. S, Minneapolis,  
MN 55423. (612) 866-6183

**MESSAGE:** My sincere thanks to Alan Roycroft, Hal  
and Marc Burt, and Walt Belsito, Sr. for their help in  
providing info on Pacific radios. Frank Nocera, 1572  
Argyle Dr., Fort Myers, FL 33919

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**WANTED:** Information on Gertrude ANSQS23 or any  
other underwater transceiver which uses sonar fre-  
quencies. Harry Blesy, N9CQX, 2409 Northgate, No.  
Riverside, IL 60546. (708) 442-8855

**WANTED:** 10K, 240K, and 1 megohm old style dog  
bone radial lead resistors. Doug Fox, 603 S. 12th Ave.,  
St. Charles, IL 60174. (708) 584-5915

**FOR SALE:** Radiola 26 - \$400. Crosley Playboy 124 -  
\$200. All-American Mohawk speaker - \$135. All in  
excellent cond. Gary Hill, 1507 Ridge Ave., New Castle,  
PA 16101. (412) 654-9335

**WANTED:** Hand-held radios with watches, Mighty  
Mouse on cheese, Woolite, and odd beer can radios.  
Sony micro radios. Lee and Carolyn Bruton, 1140 S.  
Reed #E, Lakewood, CO 80232. (303) 937-7325

**WANTED:** Electronic test equipment - EPROM pro-  
grammer for PC computer to program 27-series  
EPROMS, and UV eraser. Doris Fitch, 110 Dryden Rd.,  
Bernardsville, NJ 07924. (908) 766-0353

**FOR SALE:** Zenith Trans-Oceanic Model 7000-1, fair  
condition, works great - \$125. General Electric Model  
203 wood table set, excellent condition - \$35. Zenith  
Trans-Oceanic Model B600, needs some work - \$25.  
Gary Pirkkala, 2306 Audley Ave., New Castle, PA  
16105. (412) 658-0534

**WANTED:** (2) Radiola transformers UV-712 and Radi-  
ola IV junker cabinet and horn. William Boyd, 74 Atsion  
Ct., Medford, NJ 08055. (609) 722-2369

**WANTED:** Top half or entire globe for a Colonial Radio  
Corp. New World radio. Conrad Gwaltney, Rt. 1, Box 55,  
Hiddenite, NC 28636. (704) 632-2921

**FOR SALE:** Truetone D1012 push-button Bakelite ra-  
dio - \$100. Arvin 341-T (Bunis, p. 25) - \$50. Matt  
Kurzdorfer, 107 Falconer St., Nitonawanda, NY 14120.  
(716) 695-0036, after 5



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Austin, TX 78751

(512) 467-0304 or 24-HOUR FAX (512) 467-2944

WRITE OR CALL FOR OUR 1992 WHOLESALE CATALOG

**WANTED:** Manual for Knight Model KG650 signal generator. Copy OK. Frank Nocera, 1572 Argyle Dr., Fort Myers, FL 33919

**WANTED:** Aerial kits complete and still in the box with colorful pictures on them. Leonard J. Arzooonian, 61 Columbus Ave., North Providence, RI 02911. (401) 232-0869

**FOR SALE:** Fada 790 AM-FM white urea. Philco 48-482 Deco wood AM-FM-SW. Realistic DX10 multiband. YFA10A GE broadcast mike with chrome desk stand. List of 100+ early transistor radios, LSASE for list. Zenith 6S511W. Charles Harper, 2081 Harmony Ct., Lexington, KY 40502. (606) 268-8549

**FOR SALE:** KWM-2A, clean but not working - \$300. 1942, 1944 ARRL Handbooks - \$16 ea. Mark Hovda, PO Box 10091, Cedar Rapids, IA 52410. (319) 364-4048, 7-9 pm

**WANTED:** Two large eight-sided wooden knobs for Zenith 860, cutter needles for disc recorder. Leon Bitters, 4209 Logtown Rd., Lena, WI 54139. (414) 834-3707

**FOR SALE:** Thinning out my collection, most items first time offered. Send SASE for brand new, free picture list. Mostly Deco plastic. Some wood sets. Mark Alzapiedi, 21 Peach Tree Ln., Leominster, MA 01453. (508) 848-0466

**FOR SALE:** Grebe CR-14 - \$475. Magnavox TRF-50 with instruction book - \$275. Victor Credenza Model 83 AC Orthophonic - \$875. Edison 1893 Kinetoscope film projector - \$975. Film for above 19 spools at - \$25 ea. Doug Whitney, 435 S. Ashland St., Cambridge, MN 55008. (612) 689-5804

**WANTED:** Box for Sodian DR-6 radio, tube socket for Kennedy Model XV, horn speaker with wooden bell. Ancman, 136 Barilla Pl., San Antonio, TX 78209. (512) 820-3097

**FOR SALE:** Western Electric 10D horn speaker, good coil - \$150. Tram Titan II, mint - \$125. Evan Haydon, 4308 N. 15, Lincoln, NE 68521. (402) 435-4083

**FOR TRADE:** My radio collection for your antique automobile. Up or down. Hank Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. (908) 244-2345

**WANTED:** Fairbanks Morris floor console Model 12B preferred, or 9C in a restorable condition. Charles E. Patterson, 2621 Sweetwater Rd., Sp. #33, National City, CA 91950. (619) 475-7141

**FOR SALE:** Hallicrafters SX-110, exc - \$125. Eico ST70 integrated amplifier, works - \$75. **WANTED:** Drake T4XB. Doug Weiss, 7305 Reynard Ln., Charlotte, NC 28215. (704) 531-7200, between 7-9 pm EST

**CLASSIFIED AD NOTICE**

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

**WANTED:** Starlite 6-trans. radio, red w/case, approx. 1960 vintage. Bret Johnson, 13495 102nd Terrace North, Largo, FL 34644

**WANTED:** Dial for Day-Craft 7 (1926) radio and radios with oriental-style cabinets. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

**FOR SALE:** GTE Sylvania 9ST4748A picture tube, new - \$50, used - \$30. Masterline VHF broad band amplifier Model MLA-C - \$50. 8XP4 TV test tube - \$40, 8YP4 - \$40. Popular Electronics magazines for Sept. 1975 to Oct. 1982 - \$25 per year. Radio Electronics magazines from Nov. 1982 - \$25 per year. **WANTED:** Schematic, service manual for Grundig Majestic radio Model 2065 U.S.A. Vincent Scopacasa, 8900 South 85 Ave., Hickory Hills, IL 60457. (708) 598-3472



**Ralph's  
Radios**

**c/o Ralph Bonamo  
229 Ramona Ave.  
Staten Island  
NY 10312**

**(718) 356-3410  
Please call  
for details !**

**FOR SALE:  
Repro Radios**

- Phonograph .....\$75
- Multi-color, light-up Jukebox.....55
- Cathedral .....45
- Patriot/Bullet/Jewel Box .....30

- AM/FM, most with cassette player
- Ask about discounts for ten or more  
(For five or more with the multi-color, light-up Jukebox)
- Excellent for shows, stores, flea markets, etc. !!
- Send LSASE for color flyer
- Prices do not include UPS
- All checks made out to Ralph Bonamo

**WANTED:** Anything concerning Thomas E. Clark (TEC-LA) of Detroit, Michigan, including wireless equipment, radios and any original literature. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

**WANTED:** Unusual brand name 01-A tubes, prefer new in box. Ed Bell, 5311 Wooddale Rd., Raleigh, NC 27606. (919) 851-1517

**FOR SALE:** Radio Shack large electronic project kit, M.I.B., 1972 - \$25. Royal 500 & 10L - \$15 each. GE P880A - \$10. The following novelty transistors: Butterfinger - \$15, 2-D Mickey - \$15, 2-D Snoopy - \$15, Winston cooler - \$20. Stuffed Dog and Raccoon - \$25 each, Helping Hand, N.I.B. - \$45. **WANTED:** Pilot radios, any model, any condition. Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. (205) 880-1207

**WANTED:** Chassis for a Clarion Model AC-85-80-81 or 220. Some consoles have this chassis also. John L. Case, 255 Lawrence Ave., Columbus, OH 43228

**WANTED:** Western Electric tubes 205D/E/F, 252A, 274A/B, 300A. Top prices paid. Jun Mizuno, 6711 Mt. Leneve Dr., San Jose, CA 95120. (408) 268-4016

**FOR SALE:** Custom vacuum tube recording console used in major studio for 25 years, 16 x 16 with Pultec curve EQ on each standard module - \$6,000. Also interested in buying old studio quality microphones. Sear Sound, 353 W. 48th St., New York, NY 10036. (212) 582-5380. Fax (212) 581-2931

**WANTED:** Binding post, nickel or brass, pay 50¢ each. Also Deitrickson radio made in St. Joseph. David Swartz, 2727 Oakland, St. Joseph, MO 64505. (816) 233-0962

**FOR SALE:** Sears Silvertone 7085 phono/wire recorder/AM tabletop - \$20. Eico 430 scope - \$25. Heath ID101 electronic switch - \$20. RCA WA44 audio gen. - \$25. HP 200ABR audio gen. - \$25. All plus shipping. Robert Perlestein, 17 Vine St., Medford, MA 02155. (617) 391-2066

mf/ volts	manuf	each	20 & up
.001/600	Sprague 715P	\$ .40	\$ .35
.002/600	Sprague 715P	.41	.36
.0047/600	Sprague 715P	.42	.37
.01/400	Xicon (radial)	.26	.21
.01/600	Sprague 715P	.54	.49
.015/600	Sprague 6PS-	.50	.45
.02/400	Xicon (radial)	.27	.22
.022/600	Sprague 715P	.65	.60
.047/400	CMC (axial)	.35	.30
.047/600	Sprague 715P	.68	.63
.05/400	Xicon (radial)	.35	.30
.1/400	Xicon (radial)	.50	.45
.1/600	Sprague 715P	1.00	.90
.22/600	Sprague 715P	1.50	1.35
2.2/450	Rubycon (axial)	.65	.60
4.7/450	ICC (axial)	.66	.61
10/450	Xicon (axial)	.98	.91
22/160	Rubycon (axial)	.75	.70
22/450	Xicon (axial)	1.30	1.25
33/160	Xicon (radial)	.88	.83
33/160	Rubycon(axial)	1.08	1.03
47/160	Xicon (radial)	1.30	1.15
47/160	Xicon (axial)	1.30	1.15
47/450	Rubycon(axial)	1.95	1.80
80/450	CWI (axial)	2.60	2.20
shipping charge, U.S.A. flat \$ 4.00			
<b>FRANKENSTEIN'S RADIO LABORATORY</b>			
4010 Fairmont Pkwy, Suite 285			
Pasadena, Texas 77504			
(713) 998-0130			

**WANTED:** Wanted to buy: Oscillator and IF coil assembly for Airline Model 62-68 or Apex 9-19 Chassis 900 or junk chassis to get this coil, pay \$20 for new or good used one. **FOR SALE:** Several big boxes of speaker reconing supplies, cones various sizes, voice coils spiders, etc. - \$100/all + UPS. John Kolenko, Box 275 Long St., Cherry Tree, PA 15724. (814) 743-9079, eves.

**FOR SALE:** Test equipment manuals for Eico, PACO, Precision, Triplett and Simpson. Copies only. Write your needs. Include two-stamp large envelope for lists.

**WANTED:** Clean case for H-500 Zenith Trans-Oceanic, any color. Clayton Mundine, 6112 S. Flores St., San Antonio, TX 78214

**FOR SALE:** Sparton Bluebird - \$2,000. RCA TV Model 621 TS, blonde - \$750. **WANTED:** Chassis for Lyric Model 21 or 207 Other items also, no list, please call, chat. Vaughn Rudisill, 11 E. Marie St., Hicksville, NY 11801. (516) 822-4501

**WANTED:** Foreign and supplemental tube charts for Precision Model 660 tube tester. Copies OK. James W. Oliver, Sr., 1509 Trigg Ln., #201, Wichita Falls, TX 76306. (817) 855-4130

## One Month Free!

### BONUS FOR EARLY RENEWALS

If you renew **before** the month shown on your mailing label (your expiration month), you will receive an extra month on your subscription: 13 months instead of 12! 26 months for an early 2-year renewal!

**FOR SALE:** Radio Engineering, Terman, 1937, EC - \$25. Communication Engineering, Everitt, 1937, EC - \$25. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. (216) 331-9206

**FOR SALE:** Telsa coil, wood cabinet, 20" x 20" x 60", marble front, by McIntosh Mfg. Taking offers. Tom Doherty, 407 13th Ave. S, Nampa, ID 83651. (208) 467-4018

**WANTED:** Mitchells. All Mitchell brand radios, including brown, alligator transistor, air conditioners, and other Mitchell appliances. Lee Mitchell, The Mitchell Collector, 875 N. Michigan Ave., 3412, Chicago, IL 60611. (312) 337-3123, 266-7100

**FOR SALE:** Heathkit DX20 transmitter and Heathkit VFO Model VF1, both clean, work OK, no manuals - \$50/both plus UPS. Ed Povraznik, 9606 Biddulph Rd., Brooklyn, OH 44144. 216-661-0032

## DELUXE GRILLE CLOTH

for  
**PHILCO, EMERSON  
& ZENITH**  
radios



send SASE for free  
samples to:

John Okolowicz  
624 Cedar Hill Rd.  
Ambler, PA 19002  
(215) 542-1597

highest quality at  
the fairest prices

**FOR SALE:** Brand new cathedral coffee mugs - \$7.50 p.p.d. J.D.'s Radiowear, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

**MESSAGE:** For over 20 years I have been active in purchasing quality collections including wireless, battery, AC and transistor radios. Contact me first, contact me last, but contact me! All transactions kept strictly confidential. Call or write: Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249, fax (517) 349-4059

**FOR SALE:** Antique radio and TV tubes; N.O.S., new/bulk, and used, all 100% tested. Very reasonable! Example: Used, 1E7G, 2B7, 5Y3GT, 6D6, 6SN7GT, 12SF5, 24A, 27, 35/51, 41 - \$1.50 each, \$8/6. plus \$4 S&H. Cont. U.S. only. Send LSASE for list or call. **WANTED:** Stromberg-Carlson tree-bark horn for 1-A base. Ted Babcock, 163 Long Island Dr., Moneta, VA 24121. (703) 721-1222

**WANTED:** Call Edison, Edison, if you have Standard Micronic Rubie, in exc-fine or better, in case, I pay more, more than they are worth. Call: Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

**WANTED:** Information on Ansley Dynaphone. Has anyone out there besides me, ever heard of this radio? I saw one in the late 1950's. It appeared to be late 1940's design, and it sounded great. It had several shortwave bands, green lighted slide rule dial & phono. This was wood case floor model. If someone has any info on this, please contact me. I will pay reasonable fee for info or photocopies of ads or pictures of this radio. Dave Watkins, 2509 Silver Palm Dr., Edgewater, FL 32141. (904) 427-4076

**FOR SALE:** Attention RCA Radiola collectors, 1927 Radiola 32, massive console, early AC, uses 199's, loop antenna, exc. orig. condition, works - \$400. 1928 Radiola 64, nice, works - \$400. Jim Traynor, 3198 Boudinot, Cincinnati, OH 45211. (513) 662-4344

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Send for our catalog listing nearly 5,000 shows arranged by show category and title, many including original broadcast dates.

Only \$2.00 (P & H). Send request to:

**ERSTWHILE RADIO**  
P.O. BOX 2284  
PEABODY, MA 01960

**WANTED:** Jackson Bell Peter Pan radio, vg to mint, working. Gregory Sheppard, KA3DBG, 4402 Jupiter St., Rockville, MD 20853. (301) 946-6460

**FOR SALE:** Philco 48-250 (Bunis I) - \$35. Emerson 811 (Bunis II), ivory w/gold - \$35. Philco 46-200 (like Bunis II, p. 142) - \$35. Kent Watson, 3642 Countryplace Blvd., Sarasota, FL 34233. (813) 924-4301

**FOR SALE:** Stromberg-Carlson Model 240-W, 1937, console/desk, exc cond., asking - \$400 or BO. Carroll John Watts, 133 Prospect St., Plantsville, CT 06479. (203) 621-3523

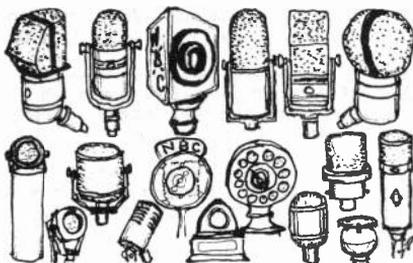
**WANTED:** Medical devices, violet rays, hand crank magneto types, unusual, and circa 1800-1900s. Richard Cane, 1333 N.W. 127th Dr., Sunrise, FL 33323. (305) 846-7116

**FOR SALE:** Spanton Bluebird, exc - \$2,500. Fada #1000 maroon/yellow - \$700. RCA w/grille, tiny burn mark on back edge - \$525. Others. Anthony Scarfogliero, 13 Fourth St., Brooklyn, NY 11231. (718) 858-1231

**FOR SALE:** 1960's organ service manuals, magnetic speaker, Heath transistor tester, tickler coil, misc. LSASE for list. C. F. Hooper, 1629 Keystone Ct., Clearwater, FL 34616

**WANTED:** Marantz, REL, Acrosound, Hadley, Fairchild, etc., tube hi-fi equipment. Unusual hi-fi equipment. 1950's-1960's hi-fi sales literature. Audiocraft, Audio Engineering, and Audio magazines, 1950-1965. Classical LPs. Paul Creasy, 6216 Worlington Rd., Bloomfield Township, MI 48301. (313) 737-0429

**FOR SALE:** Table and console radios in good condition. **WANTED:** Schematic for Brunswick Model 15, also schematic for Day-Fan battery set, chassis Type 5046 or tube layout at least. Also want restorable Hallicrafters, would like some SX models, also want some Hallicrafters speakers. Robert Remes, 2815 Suffolk, Kingman, AZ 86401



### WANTED

#### FOR MY BROADCASTING MUSEUM

Microphones, stands, call letter plates. Tube amplifiers, mixers, compressors, Hi-Fi equipment. Speakers, on-air lights, equalizers. Disk, wire & tape recorders. Blank recording disks. Catalogs, magazines, manuals. 16" transcriptions, turntables, arms, pickups. Early TV cameras & receivers. Elaborate console, deco, plastic, mirror, novelty & wireless radios. Jukeboxes & parlors. Acoustic phonographs.

We are looking for all makes of equipment, and especially *Western Electric*, *Telefunken*, *Neumann* and *RCA*. The museum contains various duplicates and items surplus to our needs, and many of these articles are available for sale or trade. The collection is located in my Victorian seaside inn, *The Caffrey House*, situated on a bay next to the ocean, in the Southampton resort area of Long Island. A trade of equipment for a stay at the hotel is always encouraged.

Robert Van Dyke, 2 Squires Ave., East Quogue NY 11942  
516-728-9835

**FOR SALE:** Sprague TeloMike #T03 with handbook, seems fair - \$20. Precision E 200C signal generator, looks good - \$12. Ballentine Labs AC-DC converter Model 710 - \$15. Douglas Radio Labs, Boston, Mass., multimeter - \$10. Mercury Model AD-4 tube tester adapter in box - \$10. Stromberg-Carlson Model AU amplifier, 90 watts - \$25. Weston 772 analyzer, nice looking with beautiful wood case - \$25. Superior GV50 genometer, clean - \$20. Over 20,000 tubes. Send wants with SASE for quotes. No list yet. All prices plus shipping. Nothing has been tested. Tubes guaranteed. C-2-C, 77 County Rd., E. Freetown, MA 02717-1629. (508) 763-3052

**WANTED:** Eisemann A and B eliminators, Mod #FE603, FE Mod 16, SM audio trans #256, Bosch Model 260C chassis. Ed Allison, 5525 20th Ave., Sacramento, CA 95820. (916) 454-1788



**FOR SALE:** RCA WR-52A Stereo FM Signal Simulator, with operating and maintenance instructions. Near mint condition includes cables. \$60 plus UPS. Ellsworth O. Johnson, 364 Coeurdalene St., Spokane, WA 99204. Phone/fax (509) 838-2161

**WANTED:** Silvertone 6110 (see Collins 1992 calendar, November), will pay high for unusual Deco models. Arnold Finkel, 3425 Iron Bridge Rd., Allentown, PA 18104. (215) 395-0808

**FOR SALE:** Trio WX-400U 22-tube stereo receiver, mint condition with original box - Make Offer. Randy Bender, 1720 Kinsella Ave., Belleville, IL 62220. (618) 277-6372

**FOR SALE:** McMurdo Silver 15-17 receiver with original speaker in working condition, no case - \$350/BO. Ken Van Tassell, 5 Gallup Dr., Chelmsford, MA 01824, (508) 250-9142

**WANTED:** Information, schematics, etc. on Jewel AM radio Model 5100S. Mark Phillips, 171 Buckey Hill, Wellsburg, WV 26070-2203

**FOR SALE:** Zenith 10S Bullseye working chassis. Zenith Bakelite Model 6D10, 5A10 table model. Zenith alignment tool for push-button radios, came with consoles. Black nice Trans-Oceanic. Zenith 6" and 10" speakers. Zenith 10S-464 chassis and speaker. Zenith gold tube covers. Zenith large glass tubes. Zenith Model 52 for parts. Zenith chassis 6S-564. (60) back issues of A.R.C. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

**WANTED:** AN/WRR-3 (R-1134) VLF/LF receiver in good condition. Collins R-389/URR in good condition. Would consider other VLF/LF equipment in good condition. Seller must be willing to ship (I pay). I could pick up in upstate western N.Y. Jim Wilson, 35 Belgard St., Rochester, NY 14609. (716) 288-0427, evs.; (716) 726-0952, day

**WANTED:** Radio with subminiature (or peanuts) tubes. **FOR SALE:** German war radios with swastikas. Gerard Faassen, Heideweg 1, 5953 T.L. Reuver, Holland

**WANTED:** Predicta antenna; Pilot TV37 magnifier; advertisements and paper for RCA 621TS, Predicta 4242, Pilot TV37. Bob Siebrecht, 1301 W. Gregory Dr., #58, Urbana, IL 61801. (217) 384-5767

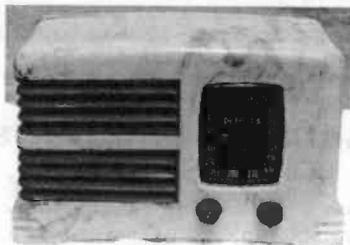
**FOR SALE:** Tubes, radio, TV, 40's thru 50's. SASE for list. Lee C. Dickinson, 478 Main St., Cromwell, CT 06416

**FOR SALE:** Murdock, E.I., Clapp-Eastham slide tuner/crystal receiver - \$425. Mesco spark coil - \$200. Tubular audiotron in wood stand - \$250. Little Giant pocket crystal radio - \$160. Early Voltamp Lab voltmeter, new in box - \$100. Revel Radaradio, 1950s crystal set - \$75. Early amp collection: Daven, Magnavox AC2 & AC3, WE 7A - excellent - \$1,250 for all. Large nice home brew early slide tuner - \$150. WD-11, (2) - \$60 ea. UV 99s, (6) - \$12 ea. Rosenthal, 5 The Strand, New Castle, DE 19720. (302) 322-8944 (return calls collect only)

**WANTED:** RCA 56X 1946, 15X 1940 (in Bunis II). Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi Nagano-shi, Osaka, Japan 586

**WANTED:** Hopeless cathedral. Don't part out that set; let me restore it. Up to \$45. Rich Hale, 1329 N. Park, Cincinnati, OH 45215. (513) 481-0819

**FOR SALE:** 1920's battery radio, wood cabinet, Freshman Masterpiece kit, excellent - \$165. 1918 Lektophone cone speaker - \$38. Gould battery eliminator - \$38. And telegraph items and miscellaneous - 7-page illustrated/descriptive list; \$1 plus SASE. Dr. Joe Jacobs, 60 Seaview Ter., Northport, NY 11768. (516) 261-1576



**WANTED:** Early Detrola (and other manufacturers) plastic sets in gorgeous, not so gorgeous, and downright ugly color combinations. I will pay more for a whole lot less. (Annoying phone bids accepted.) Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**FOR SALE:** DeWald Catalin model Jewel, rare maroon with butterscotch, beautiful condition - \$800. Larry Drago, 383 Lincoln Dr., Cheshire, CT 06410. (203) 272-6030

**FOR SALE:** Ampro DeLuxe 11" speaker Part #16641 - \$30. Eico Model 706 code oscillator - \$40. Realistic code oscillator - \$30. Silvertone Model 8224, like Zenith Oceanic, map of world on inside cover, 4 bands, good condition - \$75. All plus shipping. John Kara, 1700 Baltimore Ave., Whiting, NJ 08759. (908) 849-4318

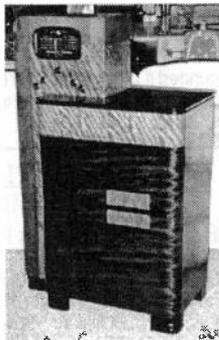
**WANTED:** Schematic and/or instruction manual for Eico Model 147A signal tracer. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

**WANTED:** Handheld microphone from 1920's. Federal and others made them. Ed Bell, 5311 Wooddale Rd., Raleigh, NC 27606. (919) 851-1517

**MESSAGE:** Will the person who bought the Pathos cathedral with grille problems at Rochester, N.Y., meet please contact: John L. Case, 255 Lawrence Ave., Columbus, OH 43228

**WANTED:** Western Electric amps. Models 43, 46, 86, 91, 92, 124, and parts. WE555, 594 driver. Jun Mizuno, 6711 Mt. Leneve Dr., San Jose, CA 95120. (408) 268-4016

**FOR SALE:** Stromberg-Carlson with phono console, Model 145P with original manual and schematic, loud and clear on all bands, all new tubes installed - \$400. Call or write for info. Pictures - \$2 refundable. S.H. extra. Carlos Gimenez, 15091 Shamrock Dr., Fort Myers, FL 33912. (813) 482-0198



**WANTED:** Telefunken 12AX7, AU7, 6DJ8s; B&O & RCA mikes. **FOR SALE:** Ampex AG-350, 440. Richard E. Brown, PO Box 686, Farmington, CT 06034. (203) 677-4828

**FOR SALE:** Broadcaster kit. Why settle for current fare on your antique radio when you can tune in vintage music and programs, instead? Our 3-transistor broadcaster connects to the output of a record, tape or disc player, allowing you to transmit your choice of recorded material to any nearby AM radio. The Model PO-3T operates on a single 9-volt battery and features adjustments for transmitting frequency and modulation level. This easily-built kit includes printed circuit board, all components, wire, solder, etc. Assembly requires a small soldering iron, wire cutters and pliers. To order, send a check for \$19.95 each plus \$3 shipping (VT residents please add tax) to: Metco Electronics, PO Box 549, Shelburne, VT 05482

**PHONE NUMBER FOR  
ANTIQUE RADIO CLASSIFIED  
(508) 371-0512**

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

(Please no classified ads by phone. Thanks!)

**FOR SALE:** Attention past and new customers: send LSASE for new, updated list of antique and collectible 1920s-1960s radios, 1948-1950 televisions, 1950s-1960s transistor radios. Sorry, no Catalins, tombstones, cathedrals or Regency transistor radios right now. Many additional test instruments including testers that will test antique tubes. Have photos of all. John Enigl, K9HJL, 5425 Cherry Lane, Egg Harbor, WI 54209. (414) 743-3672

**WANTED:** 1.5 volt filament power transformers such as: Halldorson U-50, S-50, S-54; Stancor P-841, P-929, P-1501, P-1503; Thordarson T-56R01; Hadley P51, P52, P1402. Dennis Craft, PO Box 4522, Scottsdale, AZ 85261. (602) 860-8951

**MESSAGE:** P.S. I'm still trying to build new walls in my house with Fender amplifiers. Your tired old Fender or Gibson amp, even basket cases, wanted here; steel guitars as well. Also, samples of good North Carolina talk are available free, and everything is guaranteed not to be radioactive. Cecil J. Wallace, The Steel Player, 2408 W. 5th St., Washington, NC 27889. (919) 946-1793

**WANTED:** Federal 53-W headphones. Federal horn speaker. Federal RF transformers any condition. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (908) 725-7476

**FOR SALE:** Repairable Zenith Trans-Oceanics Y600, H500. New tubular and can 450v electrolytics. New and used tubes - 25¢ and up. Old ARRL Handbooks, NRI Booklets, 1929-1932 with schematics, repair instructions for specific set. List available free. Sue Coulter, 4200 Prince St., Bakersfield, CA 93301

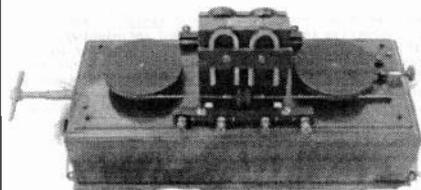
**WANTED:** Early WWII airborne TV cameras, ATK, ATJ, etc. Also any early TV camera equipment and WWII radar equipment. Allan Weiner, 14 Prospect Dr., Yonkers, NY 10705. (914) 423-6638

**WANTED:** Chassis and speaker for Crosley Elf (Bunis II, p. 54). Also, battery compartment door for Radiola AR812. Ron Timperley, 1725 Mission Ct., Huron, SD 57350. (605) 352-4723

**FOR SALE:** Cleaning house. RCA X1 plastic - \$8. Emerson Bakelite, similar to 691B - \$10. Zenith L723, white AM/FM - \$25. GE C403H, white clock radio - \$15. Svarthmore EC19590 portable stereo phono with Garrard Autoslim changer - \$15. All items plus UPS. Jon Andreasen, N2OUP, PO Box 22, Newton, NJ 07860. (201) 579-6261, after 5:30 ET

**FOR SALE:** Near mint RCA Radiola III with tubes and headphones - \$160 plus UPS. John File, PO Box 566, Tolono, IL 61880

## **FOR SALE:**



### **MARCONI MAGNETIC DETECTOR**

*Near mint, rare, historic wireless apparatus. Glass top cover is included. Offers invited.*

*For further info call  
(412) 833-4287*

*Send all offers to:  
Emily Brewster, c/o ENC  
23 E. Elm St., Quincy, MA 02170*

## NEW VIDEO TAPE

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## Bargain Books

- A) **COLLECTOR'S GUIDE TO ANTIQUE RADIOS**, 2nd Ed. 1992, Dunis. List \$17.95 OUR PRICE \$15.25
- B) **EVOLUTION OF THE RADIO WITH PRICES, 1992** List Price \$22.95 OUR PRICE \$19.50
- C) **RADIO MANUFACTURERS of the 1920's**, by Douglas  
 1) VOLUME 1: A.C. DAYTON to J.B. FERGUSON  
 a) SOFTCOVER List \$24.95 OUR PRICE \$21.25  
 2) VOLUME 2: FREED-EISENHANN to PREISS  
 a) SOFTCOVER List \$29.95 OUR PRICE \$25.50  
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 3) VOLUME 3: RCA to ZENITH  
 a) SOFTCOVER List \$29.95 OUR PRICE \$25.50  
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- D) **GUIDE TO OLD RADIOS, 1989**, by Johnson List Price \$16.95 OUR PRICE \$14.50
- E) **COLLECTING TRANSISTOR NOVELTY RADIOS, 1990** by Breed. List \$24.95 OUR PRICE \$21.25
- F) **CLASSIC PLASTIC RADIOS of the 1930s and 1940s**, by Sidell List \$19.95 OUR PRICE \$17.00
- G) **RADIOS: the GOLDEN AGE, 1987**, by Collins.  
 a) SOFTCOVER List \$14.95 OUR PRICE \$12.75  
 b) HARDCOVER List \$25.00 OUR PRICE \$21.25
- H) **ANTIQUE RADIO RESTORATION GUIDE, 2nd Edition** NEW 1992 by Johnson List \$14.95 OUR PRICE \$12.75
- I) **RADIOS REDUX: Listening in Style, 1992**, Collins  
 a) SOFTCOVER List \$17.95 OUR PRICE \$15.25  
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- J) **CRYSTAL CLEAR: Vintage American Crstal Sets**, by Sievers List \$39.95 OUR PRICE \$34.00
- K) **DON C WALLACE WGM ANATEUR RADIO'S PIONEER**, by Perkins List \$29.95(HARD)OUR PRICE \$25.50
- L) **FIFTY YEARS OF RADIO, 1922** RadioCraft reprint List Price \$15.95 OUR PRICE \$13.50
- M) **RADIO ENTERS the HOME, 1922** RCA reprint List Price \$16.95 OUR PRICE \$14.50
- N) **RADIO EQUIPMENT and SUPPLIES, 1922** catalog repro List Price \$19.95 OUR PRICE \$17.00
- O) **OFFICIAL RADIO SERVICE MANUAL, pre1930 data** List Price \$24.95 OUR PRICE \$21.25  
**BOOK SHIPPING: \$2.50 for the first \$1 each additional**

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#### "RESTORE IT - DON'T STRIP IT"

This product preserves the original finish in sets that would otherwise require stripping and refinishing!  
 PRICE: \$8.00 for 16oz can. SHIPPING: \$4 for the first, \$2.50 each additional. Sent UPS (not to P.O. boxes)  
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 Note: these colors are for brown stained radio cabinets.

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- 4 HOURS ON 2 VHS VIDEO TAPES
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- "HEARTILY RECOMMENDED... FOR THOSE WITH A YEARN 'TO LEARN', from MAY 1992 RADIO AGE review.

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**SPECIAL OFFER:** Order the Radio Doctor Vol. 1 and order any number of books at the same time and the books are shipped free 1 (Must pay tape shipping)  
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## OSZARK VINTAGE RADIO

DEPT. A  
 3923 East Latoka Street  
 Springfield, MO 65809

**FOR SALE/TRADE:** Marconi V-2 receiver and A-2 amplifier - \$2,500 firm. Ed Bell, 5311 Wooddale Rd., Raleigh, NC 27606. (919) 851-1517

**WANTED:** Western Electric tubes, parts and data-sheet 101, 102, 104, 205, 211, 212, 216, 242, 252, 262, 271, 274, 275, 276, 284, 300, 310, 339, 347, 348, 349, 350, 421, 422, VT1, VT2, VT25/A, VT52. Also Western Electric amp, spkr, socket, xlmr, parts, data-sheet, picture. Others: RCA50/250/350, VT62/801A, 845, European tubes. Will pay top \$\$\$ Jun Mizuno, 6711 Mt. Leneve Dr., San Jose, CA 95120. (408) 268-4016

**FOR SALE:** See it first. Over 50 radios and other miscellaneous 20's, 30's, 40's 50's. Fada, Zenith, Arvin, Philco, AK, GE, Motorola, Detrola, Tele-tone, RCA, Stewart-Warner and others. Video tape send \$5. Money refunded if tape returned. You can't lose. Ralph Ripke, PO Box 430052, South Miami, FL 33243-0052. (305) 667-5047

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

**FOR SALE:** Pickup only. Consoles: RCA C13-3 - \$65; GE A-87 - \$35; Graybar 600 - \$90; Grebe 7-tube, 3 knobs - \$65; Philco 40-180 - \$80; GE recorder, phono, radio - \$75; Philco bar radio - \$375; Zenith 14-tube, teardrop dial, 4 knobs - \$135; Zenith 7S363 - \$75; Majestic 70B - \$40; or these plus 15 others, 1 price. Richard E. Lauber, PO Box 51, Alplaus, NY 12008. (518) 399-0080, after 2 pm

**WANTED:** Metal back for a 10" Hoffman TV; Model #600. Back for an RCA CTC-7 Deluxe floor model 21" color TV. Small brown knobs for an RCA CTC-5 color TV. Zenith 5-S-320: the 5 pre-set push-button coil assembly or chassis. Good driver for an AK Model L horn speaker. A/B eliminator for a Zenith 27. Bob Baker, 35326 Shenandoah Dr., Shingletown, CA 96088. (916) 474-1650

**FOR SALE:** RCA 21-T-6115 TV - \$50. RCA Dynamic Demonstrator 2 - \$350. Crosley 178 lowboy for parts: speaker @ \$10, 4 legs @ \$10 each, excellent orange grille cloth @ \$15, chassis and tubes - \$15. **WANTED:** Old wristwatches. Del Tysdal, 812 Broadway, Fargo, ND 58102. (701) 293-9328, TYVM

**FOR SALE:** Book, History of Engineering & Science in the Bell System, 1925-1975 - \$25 + ship. Neil Garner, Box 134, Rt. #4, Canton, NY 13617. (315) 386-3855

**WANTED:** A later edition of Mallory's MYE than the 3rd, 1939. Jethro F. Perry, Box 488, Lewisport, Newfoundland, Canada A0G 3A0. (709) 535-2205

**FOR SALE:** Westinghouse transistor, coat pocket Model H890P6P, surf blue - Best Offer. William Chereny, 6 Kate Ln., Metuchen, NJ 08840. (908) 549-2165

**WANTED:** Philco 680X high-fidelity radio. Thanks. Vernon Oehlke, Box 307, Soller Hts. Rd., Ghent, NY 12075. (518) 392-4945

**WANTED:** Dial gass for Zenith Model 8H061 or will buy junker. Bud Santoro, 3715 Bower Rd., Roanoke, VA 24018. (703) 774-9153, collect OK

**FOR SALE/TRADE:** Brunswick crank phonograph, Model Madrid, excellent condition. Bill Kelley, 607 Du-maine St., New Orleans, LA 70116. (504) 524-8929

**FOR SALE:** Brand new cathedral and breadboard greeting cards. Front and back of cathedral on front and back of ecru card. Breadboard has the AK breadboard on the front and a horn speaker on the back. Each pack has 12 cards and 12 matching envelopes for only — \$6.50 ppd. J.D.'s Radiowear, 1161 S.W. Mulvane, Topeka, KS 66604-1456. (913) 232-0128

**WANTED:** AK items: JB and F-3 speaker, 228, 447, 567, R horn in good condition, Type 11 tuner and other breadboard parts, any condition. Automobile Radio 424/534. Bob Nicholson, 3423 S.E. Long, Topeka, KS 66605-2486. (913) 266-9473

**WANTED:** DeForest D10 coils and loop, UZ1325 base and driver, Burns horn top bell, WE 10-D bell, Murdock horn driver, Jewett Super speaker bell, miscellaneous horn bases or drivers. John Pisarski, 114 Evans Rd., Norristown, PA 19403. (215) 539-0756

**FOR SALE:** Freshman Masterpiece, 1925, 5-tube — \$35. Jim Spreda, 1741 Ellis St., Stevens Point, WI 54481. (715) 341-3251, after 6 pm

**WANTED:** Radio Ceramics of California "woman seated on chair" transistor radio — will purchase or consider trading my rare Quaker Oats novelty transistor radio; RCA Uni-Rectron Model AP-935, uses UX-210 & UX-216B; Admiral solar radio w/separate solar panel; AK 627 or AK 558 cathedral radio; Capehart 414 or 406T, dual amplified and current FM band; RCA Victor RAE-79, 13 tubes, dual amplified with two speakers; Sparton Cloisonne radios, any condition; Sparton Model 5 metal cathedral radio. **FOR SALE:** Sparton Bluebird replica radios, very limited supply — \$250. Jim Clark, 1292 Starboard, Okemos, MI 48864. (517) 349-2249

**FOR SALE:** Home brew Allwave radio set from 1930's, 6-tube in console — \$10. GR impedance bridge #650 w/manual — \$20. DuMont #304A oscilloscope — \$50. Local pickup only on all these. J. Dunlap, 325 N. Ridgeland Ave., Oak Park, IL 60302. (708) 383-5037

**FOR SALE:** Over 100 radio, electrical, and technical books — most for \$1 to \$3. Over 200 magazines including Electrical Experimenter. SASE to: H. Goldman, 3 Amy Ln., Queensbury, NY 12804

**FOR TRADE:** I have several duplicate Photofacts, 200 through 600. Trade for my missing numbers from 1 thru 700. Send your wants and list of your duplicates. Headphones — have several to trade. If yours are better than mine, I'll add cash! Wanted — headphones by L-K, pay \$20 for nice pair. Want N.O.S. cloth headphone cords, lightning arrestors, strain insulators, small no-name horns without bases. Help! Does anyone have info on Stark 5-tube radio kit? Double help!! Still looking for any and all Songbird parts and literature. If you have any old W.T. Grant newspaper ads or catalogs, 20's Songbird parts may be there. Do you have Supremes most often radio, 1955, 56, 57? How about Gernsback Vol. 4 with supplements? I have cash, or Riders, other books to trade. Support your local radio club! Dick Mackiewicz, 1549 N. River Rd., Coventry, CT 06238. (203) 742-8552

**WANTED:** Post World War II small metal radios made by Arvin or Kent. Mark Hewitt, 4396 Straw Ln., Roscoe, IL 61073. (815) 623-8729

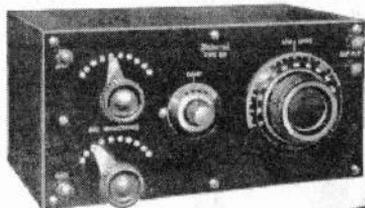
**FOR SALE:** SX96, SX99, SX130, S-41-G, Echophone EC1B, National SW54. Pete Putra, 1429 Lawndale Ave., Racine, WI 53403. (414) 632-2543

**FOR SALE:** Emerson 850 subminiature tube portable, untested, fair condition, battery operated — \$15. Lance Walker, 7116 Reedy Creek Rd., Charlotte, NC 28215. (704) 568-5379

**WANTED:** Six-tube shields suitable for Philco Model 19, Code 121, 1 15/16" O.D. 4 9/16" high. Rodney Schrock, 402 Lincoln St., Somerset, PA 15501

**WANTED:** Test instrument by Bidde. Various telegraph instruments for sale. H. Weiland, 8946 W. Grantosa, Milwaukee, WI 53225. (414) 463-4681

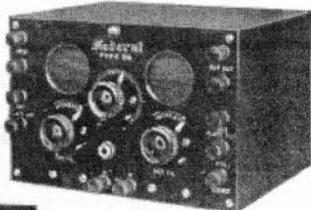
## WANTED — FEDERAL SETS



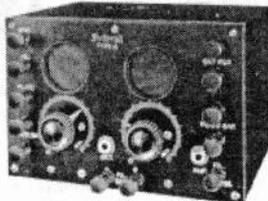
No. 60 Tuner (above), two tuned circuits for broadcast reception.

All units are in black metal cabinets and are designed to be used in combination with each other and the No. 55 RF amplifier and the No. 9 AF amplifier, already in my collection.

No. 56 1-stage RF Amplifier & Detector (right).



No. 8 Detector & 1-stage AF Amplifier (left).



As it may be a long time before I find any of these sets, remember to call me if and when you can part with yours. I am putting together a collection of early broadcast and wireless equipment and adding to it each month. I buy single sets or collections — also, books, catalogs, manuals and other related documentation. Now that I have moved my business (A.R.C.) out of my home, I have roooooom!

*Call and surprise me; make my day!*

**John V. Terrey, 498 Cross Street, Carlisle, MA 01741 — (508) 369-9770**

**WANTED:** Zenith 25-tube Stratosphere model for cash. Dan Powers, PO Box 728, Odgen, IA 50212. (515) 432-2600

**WANTED:** Commercially built ham transmitters and accessories of the 30s and 40s. National SW3 Universal model, uses octal tubes, to complete my collection. Dean Showalter, WA6PJR, 36308 Panorama Dr., Yucaipa, CA 92399. (714) 797-1782

**FOR SALE:** Decals made to order. Single color-black only. As low as \$5 each. John Okolowicz, 624 Cedar Hill Rd., Ambler, PA 19002. (215) 542-1597

**FOR SALE/TRADE:** Edison Standard green oak phonograph - \$575. Also Peter Pan camera-style Gramophone - \$275. Bernie Seiber, K3RSW, 801 Sand Wedge Ct., Warrington, PA 18976. (215) 343-7743

**WANTED:** Camelback telegraph keys and other very early keys. Very early sounders, relays and measuring instruments used with the telegraph. I am seeking nice examples of early telegraph instruments, but also want incomplete or damaged items for parts. Larry Nutting, 4025 Slate Ct., Santa Rosa, CA 95405. (707) 539-1883

**WANTED:** Promotional plastic car/AM radios from the mid-60's. Not reproductions. Jerry Becker, 1704 Larry Dr., Plover, WI 54467. (715) 341-7610

**FOR SALE:** HV diodes, discs, axials, mylars. Send for free flyer. Greg Chase, Midwest Electrotec Inc., 2411 Holly Dr., Pekin, IL 61554. (309) 347-3950

**FOR SALE:** McMurdo Silver Masterpiece V, Clifton cabinet, complete, excellent original condition, chrome excellent - \$4,000. Bob Karow, 620 Cortleigh Dr., York, PA 17402. (717) 757-4321

**WANTED:** Bearcat Model BC-W weather alert radio. It has orange touch bar on top. Thomas Abell, 1022 S. Edison Ave., South Bend, IN 46619. (219) 234-8405

**FOR SALE/TRADE:** (for pre-WWII Zenith sets): Zenith consoles: 6S52, 9S54, 5S150, 11S474, 7S657, 8S661. Zenith table sets: 7S529, 8H023. On a trade, consoles and TV's you pick up, or I may deliver within a reasonable distance. Martin Blankinship, Box 157, Lecompton, KS 66050. (913) 887-6681



**WANTED:** Radios, parts & radio brochures & flyers & pamphlets. Catalogs, Plaskons, part sets. Ross Litrenta, 1 Wilton Rd., Eastchester, NY 10709. (914) 337-7176

**FOR SALE:** Sams Photofacts (112) from early 1960's in original envelopes with original gray steel filing cabinets. Best reasonable offer by December 1, 1992, send LSASE or call for numbers of Photofact folders. Rider television manuals Volumes 1-26 - \$350 plus shipping. Rider radio manuals volumes 1-5 abridged, 6-21 - \$300 plus shipping; both sets excellent condition. Louis Schmidt, 1362 West Front St., Lincroft, NJ 07738-1119. (908) 741-4223

**WANTED:** Radio paper items about standard AM broadcast stations, shortwave broadcast stations and the radio listening hobby, 1920-1955. Old station lists, "radio log" booklets, radio maps, radio club bulletins, QSL-cards, "applause cards," postcards picturing stations, EKKO stamps, RADEX magazine. Not interested in radio personalities or ham radio. Contact: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173. (617) 861-8481

**FOR SALE/TRADE:** Receivers: Drake 2A, Hallicrafters S20R, S120, WWII military. Demco Satellite CB, many others. Charles Zafonte, N1FRX, RFD 1, Box 75, Fort Kent, ME 04743. (207) 834-6273



**WANTED:** Catalin radios by Motorola in any color combination and any condition (interred and exhumed OK). I am now paying 10% over top dollar plus shipping. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**FOR SALE:** Used radio and TV tubes, Sams Photofacts, capacitors, speakers. Send \$1 for list. Ron Hoch, 564 Liberty Ln., Westerville, OH 43081

**FOR TRADE:** My Stancor ST 202A xmitter for your old communications receiver. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

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Woodseaves,  
Stafford, ST20 ONP,  
ENGLAND.  
Telephone 011-44-785-284696

**FOR SALE:** Garod 5A02, white with red, slight paint chips - \$110. Silvertone 6409 - \$95. Emerson 8A 199 (Collins, p. 31) - \$140. Emerson 706, white (Bunis I, p. 62) - \$115. DuMont Chinese red dresser clock radio - \$145. Original white painted Bakelite Zenith 5R312, slight wear - \$225. Repainted Coca Cola cooler radio - \$650. Refinished AK510 console (F.O.S., p. 65) - \$550. AK console, 10-tube in original finish cabinet like 711 (F.O.S., p. 65) - \$550. Wonderful RCA Tombstone 128 - \$225. Crosley Widget or Elf cabinet only - \$195. Art Deco Stewart-Warner wooden 5-tube (BFTP, p. 131 bottom) - \$165. Silvertone large wooden cube 4764, speaker in top - \$145. Zenith 829 chrome front cabinet beautifully restored. Zenith 809 chromefront, cabinet beautifully restored. Philco grandfather clock - \$475. Very nice Zenith 6S128 tombstone - \$325. Zenith Walton set, 7J232 or 9S232. 1930's and 1940's Radio Retailing Magazines and others, duplicates from our collection for sale, SASE for list. We have about 10 EH Scott consoles for sale. Call for more info. Zenith Consoles: 15U270, 15U269, 15S373, 15S372, 12S370, 12U159, 12U158, 12A58, 12A57, 12S265, 12S266, 12S267, 12S568, 9S262, 9S367, 10S160, 10S156, 10S155, 10S153, near mint 8S154 and many others. Zenith table models: 288, 705, 807, 808, 9S30, 6B129, 6S27, 4B131, 5S126, 6D219, 5S127, 5S218, 5S228, 5R216, 5J217, 6D311, 7S323, 9S324, 6D413 (crack), 6P428, 6D425, 7S432, 7S530, 6S527, 6D525, 6D520W, 7S633, 7S634, and many others. Hallicrafters WR 4000 AM/FM SW str portable - \$175. Zenith Trans-Oceanics: 8G005 - \$175. G500 - \$125. 1000 - \$175. 3000 - \$175. 7000 American - \$295. 7000 with box - \$345. Zenith chairsides: 12S245, 9S244, 9S242, 10S147, 9S344, 7S240, 7S342, and many others. We continue to offer our wonderful Zenith Brochure Book 1920-1946 for \$28.95 ppd. All radios unrestored electrically unless noted. We ship consoles anywhere and we do it right. Shipping extra unless noted. Satisfaction guaranteed, highest quality possible assured. Alan Jespersion, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am to 8 pm Central time, 7 days. Fax only - (612) 727-1908 8 am to 8 pm 7 days

**FOR SALE:** Uher 4400 IC stereo, professional, portable, reel-reel recorder, 4 track, 4 speed, 5" reels, good condition - \$125 only! Quantity available. S & G Electronic, 618 S. 62nd St., Philadelphia, PA 19143. (215) 474-7663

**WANTED:** Fada Catalin radios in any color and condition. Please write or call: Gaelle Reboul, 7010 SW 48th Lane, Miami, FL 33155. (305) 662-1986

**FOR SALE:** Over 50 table model radios. SASE for list with prices and condition. Art Collatz, N7818 Barker Lake Rd., Winter, WI 54896

**FOR SALE:** Silvertone 4500 first plastic TRF - \$135. **WANTED:** National SW-3 w/coils, PS. Zenith original Trans-Oceanic. Steve Lipsky, W2VVN, Antique Technology Ventures, 1254 Cox Rd., Rydal, PA 19046-1207. (215) 884-1817

**WANTED:** Philco 60 chassis. Philco 90 front base molding. Will buy parts sets. Curt Schreiber, 3923 E. Latoka St., Springfield, MO 65809. (417) 887-5184

**FOR SALE:** From a TV shop in the 40's-60's: Test equipment, 4-foot Philco sign, boosters, N.O.S. knobs, trim, rectifiers, yokes, fly-backs, transformers, switches, controls, tubes, caps, resistors. SASE. Doug Koehn, 609 S. 15th, Quincy, IL 62301. (217) 228-2115

**FOR SALE:** Tube and set tester #1-157-A-1944, new, never used with manual, 15 pounds - \$70. RCA TC-1910 series video monitor. RCA TC-2000 video closed circuit micro-camera - Offer? J. Cucci, PO Box 79 Riverdale, NJ 07457. (201) 835-0248

**FOR SALE/TRADE:** National receiver Model NC 240-D, very good condition. Pilot Ray portable TV, Model TV 37, 1948/49, very good, works well. Zenith Trans-Oceanic port. receiver Model Chassis 5H40, handsome, works well. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

**WANTED:** Fisher Models TR1, 20A, RK20, 30A, 50A, 50AZ, 50F, 50M, 55A, Lincoln 60, PR66, FM80, 90A, 90C, 90R, 100RADIO, TX100, 160T, 175T, 200AMP, 200T, X202C, 205, 210T, 220T, 250TX, 450T, 701, 801. Also looking for RCA service notes: 1923-28, 1920-30, 1931-32, 1936, 1938. Rider's Volumes: 4, 17, 18, 21, 22, 23. Rider's Television Volumes 26, 27. Rod Peterson, 122 Poplar Ct., London, Ontario, Canada NGE-2X5. (519) 681-4973

**FOR SALE:** Wireless signed Duck transformer slide tuner 20" long, real nice - \$500. W.M.J. Mudrok slide tuner, 14" long, ex. nice, signed - \$500. GE wood Art Deco piano radio (Collins, p. 49), ex. fine, plays - \$300. Philco 20 cathedral, fine, plays - \$195. AK breadboard Model 10, 2-tags No. 4700 complete, fine - \$995. Belmont Model 5D144 push button, ivory rounded left end, nice original, plays - \$125. International Kadette, ex. fine plastic, walnut color, Model 41, all original - \$225. Philco Model 70 cathedral, plays, nice - \$195. Magnavox M-4 horn speaker, works - \$135. Magnavox horn speaker M-1, gold, works - \$175. Edison Mabry, 715 W. Longview, Mansfield, OH 44906. (419) 526-1175

**FOR SALE:** Magazines, books, catalogs, components, etc., 1920's-1960's. List ready 11-8. Stamp or SASE. Charles Closson, 1290 Glenwood Ave., San Jose, CA 95125. (408) 294-4702

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**P.O. Box 803, Carlisle, MA 01741 U.S.A.**

*\*Still delayed, but eventually I will get it finished!*

**WANTED:** Any Catalin radio parts: knobs chassis, grille cloth, cabinets or complete radios in any condition. Please call Gaelle Reboul, 7010 SW 48th Lane, Miami, FL 33155. (305) 662-1986

**MESSAGE:** Wanted by VRE the Australian car radio buyer we met at the 1991 Rochester AWA meet. We have sets. Write with your want list and prices offered. We will respond with "haves." Vintage Radio Emporium, 97 Edinburg St., Rochester, NY 14608

**FOR SALE:** Hallicrafters Model S-85, nice, plays - \$85. Hallicrafters S-38, nice, plays - \$75. Avalon by GE and Westinghouse, wood, 11" x 8", nice, plays - \$65. Emerson small wood compact radio, 12" x 8", plays, fine condition - \$65. Philco compact radio, wood, 12" x 10" oval top, fine plays - \$75. Philco 60 cathedral, nice, all original, plays - \$135. Hotpoint GE heater, brown, nice, made like radio grille with fan, works, with handle - \$125. SAMS, 10 audio manuals, ex. nice - \$125. Bristol large brown horn speaker, excellent, works - \$200. Bristol small brown horn speaker, excellent, works - \$175. Edison Mabry, 715 Longview, Mansfield, OH 44906. (419) 526-1175

**WANTED:** Stancor/Chicago standard HF and BO series output transformers, home built tube amplifiers. Leif Blackmon, 7 Larson Rd., N. Reading, MA 01864. (508) 664-0174

**FOR SALE:** 01A boxes - \$1.50. Tube sockets - \$1. Edison Konowatt motor - BO. EICO 723 60W transmitter - \$35. Auto radios - \$20. Philco 72 chassis - \$40. Transistors: Grand, Tempest, Toshiba, Federal, Universal, Juliette - \$8 ea. Pilot Wasp 80. Westinghouse charcoal blue H-902P6GPA, mint. Farnsworth K265 Radiophonograph. Wood Lark4 - \$130. AK 30E, excellent - \$140. Cathedrals: Philco 37-84, Crosley 157 - \$148. Tube testers: Hickock 6000, Precision, Mercury 990, Tube caddies - \$35. General Electric 515F clock-radio - \$32. Bicycle radio. Orion JT-602 Japanese 4 X 2.5 - \$40. AM/FM transistor, like "radio" word - \$35. Westinghouse 505P4 - \$30. Radiola IIIA parts. Television knobs, 100s - \$20. Silvertone minitube - \$83. Bell high fidelity 2520. Atwater Kentspeaker. David J. Grace, 20 Oneida St., Johnston, RI 02919. (401) 331-6641

**FOR SALE:** Announcing the mister transistor pre-holiday sale. Get your orders in now for my rebuilt transistor beauties. I currently have a dozen Zenith 500s in incredible condition for those 1950s nostalgia buffs. That's not to mention my 888s and dozens of recent acquisitions from the AWA meet in Rochester. Don't wait as the international faxes are pouring in requesting all sorts of collectibles for our friends overseas. Radioactivity never glowed so brightly. Also note that I keep in stock approximately 300 restored/rebuilt collective early transistor radios and consoles, cathedrals, tombstones, plastics, and metals. As many of you know I am the Antique Radio SYSOP of the Collectors BBS. Just call (201) 635-4519 (2400-9600 baud) or (201) 635-6579 (1200-2400 baud) and say hello. Remember to get the lead out because Mister Transistor is radioactive. Henry B. Cohen, 2459 Eighth St., Fort Lee, NJ 07024. Tel (201) 585-0030, Fax (201) 585-1659

**WANTED:** Tube shields and speaker for Philco Models 70B and 90B (with/Type 47 in/output) cathedrals and band switch for Atwater Kent Model 165. I will consider buying a complete junker or one in need of major restoration. Doug Bursky, 732 Pulver-List Rd., Mansfield, OH 44905. (419) 522-5669

**FOR SALE:** Rek-O-Kut Rodine transcription turntable with big wood base & proper tone arm, works well, needs cartridge - \$95. Also 4 Rek-O-Kut G2 & Presto turntable for parts with 2 motors - \$55 or BO/all. Robert DeMars, 989 40th St., Oakland, CA 94608. (510) 655-8373

**SERVICES:** Vintage radio and transmitter repair! All makes. Maximum labor per repair unit - \$96. Telco Technology, 1302 S. Uplands, Camano, WA 98292. (206) 387-3558

**FOR SALE:** Loctal tubes, checking good - \$10 plus postage, if I have your No. of tube. Harry S. Blair, 3401 S. Lituania, Chicago, IL 60608. (312) 247-7949

**WANTED:** Copy of instruction manuals: Heathkit Laboratory Generator LG-1 and Accurate Instrument Generator 153. Mark Byrd, 6710 Sutter Park, Houston, TX 77066. (713) 440-7745

**WANTED:** Heathkit catalog info.: Wanted Zerox of the page that lists the IO-4550 oscilloscope. Frank Sonnek, KØJM, 914 S. Jay, Aberdeen, SD 57401. (605) 225-5648

**FOR SALE:** Last month's ad was a huge success! The demand for quality radios at reasonable prices is great, so here's more investment quality radios: Aetna, brown w/white trim (same as Bunis I, p. 24 middle) - \$40. Bendix 0526E (Bunis I, p. 35), mint, w/original papers - \$50. Bendix 626A, white - \$50. Bendix 0526A (Collins I, p. 71, Bunis II, p. 35) - \$75. DeWald red w/yellow swirls Catalin harp w/ herringbone grille cloth, mint - \$1,400. Emerson 541 (Bunis I, p. 60) - \$40. Fada 855, heavily marbled plastic, brown & orange w/ original box - \$195. General Television radio, same as Catalin-type, except cloth-covered w/white plastic trim - \$95. Detrola cathedral, smallest model - \$395. Hallicrafters SX25 Super Defiant w/matching Hallicrafters Deco speaker, mint & working - \$385. Motorola outdoor advertising sign & thermometer, 8" x 38" long, reads "For Car & Home - MOTOROLA - America's Finest Radio," red, yellow & blue - \$495. Norelco Bakelite table model, shortwave, BX 558 - \$65. Peerless speaker, cathedral style, ex. working - \$95. Philco Predicta remote tandem, working - \$575. Philco tombstone 630, same as 620 (Bunis I, p. 120) - \$65. Philco 42-321 (Bunis I, p. 113) - \$40. Philco Transitone 52-542, white (G.O.R., p. 127) - \$65. Philco 38-62, same as 37-62, (Bunis II, p. 126) - \$75. Radiola 61-9, white (Bunis II, p. 145) - \$45. Radio Keg (Bunis I, p. 123) - \$300. Radiola 60 (Bunis II, p. 158) - \$110. Radiola 17, mint ± - \$125. Silvertone Deco table model (Collins II, p. 63) - \$95. RCA portable 6BX63 (G.O.R., p. 127) - \$35. RCA 9X571, (G.O.R., p. 116) - \$55. Sony, first transistor to 8301-W, complete - \$165. RCA BP-10, (Bunis I, p. 130) - \$55. Stromberg-Carlson 852-H, white, shortwave (same as Bunis II, p. 181 top) - \$50. Zenith Deco console teardrop, shutter dial, green tuning eye, working, all original, 7S260 - \$295. Zenith console Model 52 - \$275. Zenith portable maroon plastic, real nice J402-R - \$40. Zenith Trans-Oceanics: 7G605 - \$175; R-600 - \$95; H-500 - \$95; 8G005 - \$85; Royal 3000, mint, working - \$165. Transistor radio, Starlight, pink w/white trim (similar to color picture in G.O.R.) - \$85. Eric and Sirelle Fogel, 87 Sandra Dr., Parsippany, NJ 07054. (201) 316-8461; Fax: (201) 316-8424

**WANTED:** Chassis for GE K-63 or RCA 120 and Silvertone 101.802-1. Junius J. Bailey, W5FTW, 1002 Reeves St., Abilene, TX 79602. (915) 675-6006

**FOR SALE:** 50 lbs. of Teletype Corp. manuals. Models 14, 25, 28, 35, 37, 38, ASR, etc. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402. (319) 393-8075

**WANTED:** Tubes wanted, duds okay: 806, 886, Sodiion D21, CECO P-1, RM-208, RM-209, VT-102, WE 204(A), Aeriotron WR21, Mussleman 3VA, Type R valve. Sam W. Wrenn, 2314 Seminole #1207, Arlington, TX 76010

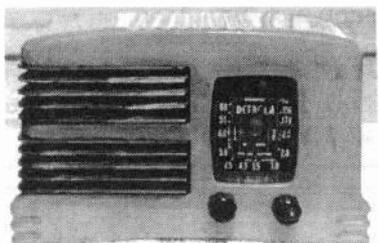
**WANTED:** RCA 9T tombstone, and cabinet for 10T, any condition. Bruce Young, 4030 Quitman St., Denver, CO 80212. (303) 458-7408

**SERVICES:** Radio repair by collector. Free estimates.

**WANTED:** Iron core adjustable RF, IF transformers. Dave Dameron, KG6BP, 819 Boundary Pl., Manhattan Beach, CA 90266-6621. (310) 318-5311

**FOR SALE:** General Electric K50 cathedral - \$200. Riders I and II - \$85 plus UPS. Brian Roberts, 3068 Evergreen Rd., Pittsburgh, PA 15237

**FOR SALE:** Philco 90 console, near mint condition, original finish, works - \$160. Pickup only. John Schehrer, 508 Gray, Joplin, MO 64801. (417) 781-4028



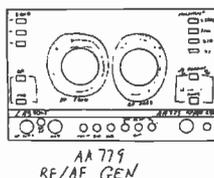
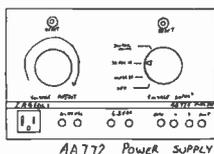
**WANTED:** Detrola Catalin radios in any shape, size, or color. "Split-grille" design also came in similar Symphony & Crosley models. Remember: I'm the guy that buys from the people that buy from the people who pay more than the people paying more than anyone else - except me. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

**FOR SALE:** Superex 4-transistor radio kit with box, excellent - \$135. Zenith cloth advertising banner, 3 1/2 feet by 2 1/2 feet, excellent - \$190. N.R.I. Service Manual, Vol. #1, covers radios before 1946 - \$35. Zenith gold tube shields - \$4 ea. Zenith Service Manuals Vols. 1, 2, 3, 4 - \$135. Ten good used #80 tubes - \$3 ea. GE transistor radio #P-761A, green, excellent - \$20. Ten 5U4GB tubes, N.I.B. - \$3 ea. 6L6 tubes, N.I.B. - \$5 ea. Mini stereo novelty transistor, excellent - \$35. Shipping extra. Rick Yerke, PO Box 392, Moscow, PA 18444. (717) 842-4857

**FOR SALE:** 1. Zenith Trans-Oceanic Model H-500, good condition, plays - \$50. 2. DeWald AM & FM tuner, untested - \$10. 3. Chevrolet AM car radio, 1940?, untested - \$25. 4. RCA radio chassis Model 610, AM OK, FM weak - \$20. 5. Zenith console radio, AM & FM, Model H-880 - \$30. 6. Fisher Radio Corp. AM & FM console, works - \$50. 7. Westinghouse radio console, Model WR368, works - \$75. 8. Philco table radio, Model 51-532-123, excellent condition - \$50. 9. Mantola radio, brown plastic table radio, Model R664PM made by RCA for B.F. Goodrich Co., excellent condition - \$50. 10. Zenith 24-inch black & white TV, working, cabinet excellent - \$200. All items plus freight and/or UPS, TV pickup only. David Lyons, 623 Carlson St., Sycamore, IL 60178-2401. (815) 895-6862

**FOR SALE:** Radios, speakers, earphones, parts, tubes, books, magazines, Rider's manuals. Send SASE for list. Harry Cap, 190 Beech St., Bridgewater, MA 02324. (508) 697-8648

**WANTED:** Cabinets for Zenith #7J045T and Philco #16. Knobs for GE L-632 (Bunis II, p. 89). Ralph L. Dichter, II, PO Box 2561, Gearhart, OR 97138

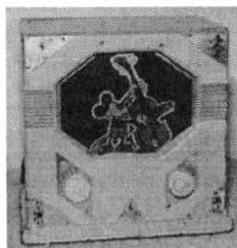


**FOR SALE:** Labvolt solid-state test equipment, rackmount, from closed tech school - \$45 ea./\$82 pair: AA779 RF-AF generators, 20 Hz-200 Hz AF, sine/square wave, 200 kHz-4.8 MHz RF, two complete generators in one. AA772 AC/DC power supplies, 6.3 VAC 2A, 30-300 VDC 100 mA, .5-40 VDC 1A, 0-40 VAC 2A, 2-amp variac. Kirk Ellis, KK4YP, PO Box 581, Princeton, NC 27576. (919) 936-3000, evenings

**WANTED:** Arvin 8576, 9577; Emerson 849, 999; RCA 7-BT-9J; Admiral 7L. David Mednick, 1450 Palisade Ave., #5-H, Fort Lee, NJ 07024. (201) 461-3082

**FOR SALE:** Zenith 9H885 chassis w/spkr - \$35. Philco 42-350, works, good original - \$65. Jackson 103 tube tester - \$35. Small Airline radio - \$20. Bogen P.A. amp, ugly, works good - \$20. Chrome power amp, very good - \$40. S-108 Hallicrafters - \$60. S-72R Hallicrafters - \$65. R390-A, immaculate - \$300. I pay ship. Postal Money Orders please. Robert A. Varney, 7515 Maria E. Ln., Cheyenne, WY 82009. (307) 635-4748

**WANTED:** RCA UD824, UD825, 1/4" to pin jack adapters. Radiola VI, VII, 12JP4 CRT. J. C. Woychowski, 291 Main St., Niantic, CT 06357. (203) 739-6579



**FOR SALE:** 1933 Emerson Mickey Mouse radio - \$1,850. Sterling Deluxe, brown swirl - \$125. Crosley Oracle cabinet - \$50. Crosley Musical Chef - \$40. Have any unusual crystal sets or horn speakers to trade? **WANTED:** Lyric S-7 chassis or entire radio, Amplion AR-14 driver, bicycle radios, Midwest and Kadette radios. Greg Farmer, 71 Rice Creek Way, Fridley, MN 55432. (612) 571-6062

**FOR SALE:** RCA 96-T - \$55. Zenith C-835-R - \$30. RCA BT-42 - \$50. Farnsworth CT-52(?) - \$35. RCA Dynamic Demonstrator II - \$350. ACE-3B, 3 mouse holes - \$75. GE L-610, hums, plastic, lovely - \$75. **WANTED:** Hamilton, Elgin, Gruen wristwatches. Del Tysdal, TYVM, 812 Broadway, Fargo, ND 58102. (701) 293-9328



# COMING RADIO EVENTS

## MISSISSIPPI - Oct. 30-31

MISSISSIPPI HISTORICAL RADIO  
AND BROADCASTING SOCIETY  
FALL SHOW AND TELL

Meridian, MS - Village Fair Mall  
Info: Randy Guttery, 2412 C Street  
Meridian, MS 39301 - (6101) 693-5958

## COLORADO - Nov. 8

COLORADO RADIO COLLECTORS  
MEETING - SWAP MEET

Denver, CO - South West Bank Bldg.  
Community Room, 1380 S. Federal Blvd.  
Meeting - 1 pm; 3 pm - Swap Meet  
Info: Rick Ammon - (303) 224-5446

## OHIO - Oct. 31-Nov. 1

BUCKEYE ANTIQUE RADIO AND  
PHONOGRAPH CLUB  
SHOW

Akron, OH - Chapel Hill Mall, 2000 Britten Rd.  
During Mall Hours

Info: Jim Davison, 4958 E. 86th St.  
Garfield Hts., OH 44125 - (216) 441-3471

## MISSISSIPPI - Nov. 8

MISSISSIPPI HISTORICAL RADIO  
AND BROADCASTING SOCIETY  
MEETING

Meridian, MS - 2412 C Street  
2 pm

Info: Randy Guttery, 2412 C. St.  
Meridian, MS 39301 - (601) 693-5958

## NEW YORK - Nov. 1

GREATER N.Y. VINTAGE WIRELESS ASSOC.  
SWAP MEET

Lake Ronkonkoma, NY - 9 am  
Info: Steve Coughlin - (516) 324-3012 or  
Chris Bacon - (516) 981-6538

## GEORGIA - Nov. 10

SOUTHEASTERN ANTIQUE RADIO SOCIETY  
MEETING

Chamblee, GA - Shoneys Restaurant  
Peachtree Industrial, 1 mi. North of I-285  
6:30 pm - Meeting  
6 pm - Mini Meet before Monthly Meeting  
Info: Charles Pierce - (404) 233-1340, or  
David Martin - (404) 578-1270

## ARKANSAS - Nov. 5

ANTIQUE RADIO COLLECTORS CLUB  
OF FT. SMITH - CLUB MEETING - 7:30 pm

Ft. Smith, AR - Creekmore Park  
Magnolia Room, Greenwood and Rogers  
Info: Wanda Conatser - (501) 646-7147

## OHIO - Nov. 10

ANTIQUERADIO COLLECTORS OF OHIO  
MEETING

Kettering, OH - First Natl. Bank Basement  
4100 Far Hills Avenue  
SE corner of Far Hills Ave. and Stroop Rd.  
7:30 pm

Topic: "Superheterodynes"  
Info: Karl Koogle, 2929 Hazelwood Ave.  
Dayton, OH 45419 - (513) 294-8960, after 6 pm

## CALIFORNIA - Nov. 7

CALIF. HISTORICAL RADIO SOCIETY  
SWAP MEET

Redwood City, CA - Ampex Corp. - 8:30 am  
Info: Jim McDowell, 2265 Panoramic Dr.  
Concord, CA 94520 - (510) 676-2605

## PENNSYLVANIA - Nov. 10

DELAWARE VALLEY  
HISTORIC RADIO CLUB  
MEETING - SWAP MEET - AUCTION

Souderton, PA - 117 Main St.  
7:30 pm  
Info: Radio Attic, PO Box 624, Lansdale, PA  
19446 - (215) 368-2520

## TEXAS - Nov. 7

HOUSTON VINTAGE RADIO ASSN.  
SWAP MEET & BARBECUE PICNIC

Clear Lake City, TX - Armand Bayou Park  
10 am

Info: Richard Collins, 8722 Reamer St.  
Houston, TX 77074 - (713) 778-0271

## **ARKANSAS – Nov. 12**

### **ARKANSAS ANTIQUE RADIO CLUB CLUB MEETING**

Little Rock, AR – The Auditorium  
S.W. Bell Bldg., 120 W. 8th St. – 7 pm  
Info: Tom Burgess – (501) 565-1750

## **NEW JERSEY – Nov. 13**

### **NEW JERSEY ANTIQUE RADIO CLUB NEW CLUB FORMING – MEETING**

Freehold, NJ – VFW Hall  
7-9:30 pm – Swap & Meeting  
Info: Don Cruse – (908) 542-2848  
Tony or Kathleen Flanagan – (908) 462-6638

## **ARIZONA – Nov. 14**

### **ARIZONA ANTIQUE RADIO CLUB FALL SWAP MEET & AUCTION**

Tempe, AZ – Back parking lot, Antique  
Electronic Supply, 6221 S. Maple Ave.  
8-11 am – Swap Meet  
10:30 am – Donation Auction  
Info: George A. and George H. Fathauer  
(602) 820-5411

## **MINNESOTA – Nov. 14**

### **NORTHLAND ANTIQUE RADIO CLUB FALL SWAP MEET**

N. St. Paul, MN – Christ Lutheran Church  
9 am – 2 pm  
Info: Don Hauff, Box 16351  
Minneapolis, MN 55416 – (612) 374-9739

## **OKLAHOMA – Nov. 14**

### **OKLA. VINTAGE RADIO COLLECTORS NEW CLUB FORMING MEETING**

Oklahoma City, OK – Gary Dales Barbeque  
NW 63rd and May Avenue  
6 pm  
Info SASE to: OKVRC, PO Box 72-1197  
Oklahoma City, OK 73172-1197  
(405) 722-0595

## **OREGON – Nov. 14**

### **NORTHWEST VINTAGE RADIO SOCIETY MEETING**

Portland, OR – Rasada Museum  
7675 SW Capitol Highway, at 32nd St.  
10 am – Cabinet Repair & Nominations  
Info: Ed Charman, PO Box 82379  
Portland, OR 97282-0379 – (503) 654-7387

## **NEW YORK – Nov. 15**

### **HUDSON VALLEY VINTAGE RADIO CLUB SWAP MEET – FLEA MARKET**

Hyde Park, NY – WHVW Radio Station  
507 Violet Ave., Rt. 9G, 1 mile E. of Rt. 9  
9 am  
Info: Al Weiner or J. P. Ferraro  
(914) 471-9500

## **NEW YORK – Nov. 15**

### **ANTIQUA RADIO CLUB OF SCHENECTADY MEETING**

1:30-2 pm – Flea Market  
2 pm – Meeting  
Info: Jack Nelson, W2FW, 915 Sherman St.  
Schenectady, NY 12303

## **WASHINGTON – Nov. 15**

### **PUGET SOUND ANTIQUE RADIO ASSN. MEETING**

Seattle, WA – Shoreline Museum  
749 North 175th St., 1 mile W. of I-5, exit 176  
12 noon – Meeting  
Info: Al Atworth, PO Box 125  
Snohomish, WA 98291-0125 – (206) 568-2698

## **CALIFORNIA – Nov. 18**

### **SACRAMENTO HIST. RADIO SOCIETY MEETING**

N. Highland, CA – SMUD Foothill – 7-9 pm  
Service Center, Room D, 5026 Don Julio  
Info: Secretary SHRS, PO Box 162612  
Sacramento, CA 95816

## **NEW YORK – Nov. 19**

### **HUDSON VALLEY ANTIQUE RADIO AND PHONOGRAPH SOCIETY/ARCA MEETING**

Goshen, NY – Cataract Firehouse – 7-9 pm  
Info: John & Linda Gramm, Box 1, Campbell  
Hall, NY 10916 – (914) 427-2602, 6-9 pm

## **CALIFORNIA – Nov. 20-21**

### **SO. CALIF. ANTIQUE RADIO SOCIETY MEET**

Norwalk, CA – Saddleback Inn  
Nov. 20: Noon  
Nov. 21: 7 am  
Info: Bob Baumbach – (818) 845-7807

Enclose a SASE when requesting info.

## MARYLAND - Nov. 21

### MID-ATLANTIC ANTIQUE RADIO CLUB MEETING

Laurel, MD - Applied Physics Lab  
John Hopkins University - 6 pm  
Info: Joe Koester - (301) 725-4229

## TEXAS - Nov. 21

### VINTAGE RADIO & PHONOGRAPH SOCIETY FALL SWAP MEET

Irving, TX - 906 Senter Street  
All Day - Swap Meet  
Info: George Potter - (214) 315-2553

## ALABAMA - Nov. 23

### AL. HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL - Homewood Public Library  
1721 Oxmoor Road - 7 pm  
Info: ALHRS, 4721 Overwood Circle

## OHIO - Nov. 24

### SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE NEW CLUB FORMING - MEETING

Dayton, OH - WQRP Radio Studios,  
2673 So. Dixie Dr. - 7:30 pm  
Info: Harold Parshall, 2673 So. Dixie Dr.  
Dayton, OH 45409 - (513) 298-4044, days  
(513) 268-2909, evenings

## CALIFORNIA - Dec. 8

### CALIF. HISTORICAL RADIO SOCIETY NORTH VALLEY CHAPTER MEETING

Redding, CA - 7 pm  
Info: Norm Braithwaite - (916) 246-4209

## FLORIDA - Now thru 1993

### CYPRESS GARDENS EXHIBIT "WHEN RADIOS WERE RADIOS"

Cypress Gardens, FL - off U.S. 27  
(Near Winter Haven - In Park's  
Southern Crossroads Area)  
Daily: 9 am - 6 pm

### A GRAND COLLECTION OF ANTIQUE RADIO MEMORABILIA

The William Miller Radio Collection  
Info: Robyn DeRidder - (813) 324-2111, x362

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

## MARK YOUR CALENDAR

Thru '93 - FL, Cypress Gardens - Exhibit\*  
Oct. 30-31 - MS, Meridian - MHR&BS Show\*  
Oct. 31 - Ontario, London - LVRC Workshop  
Oct. 31-Nov. 1 - OH, Akron - BARPC Show\*  
Nov. 1 - NY, Lake Ronkonkoma - GNYVWA §\*  
Nov. 1 - NY, Rochester - AWA Meeting  
Nov. 5 - AR, Ft. Smith - ARCCFS Meeting §\*  
Nov. 7 - CA, Redwood City - CHRIS Swap Meet\*  
Nov. 7 - TX, Houston - HVRA Swap Meet\*  
Nov. 8 - CO, Denver - CRC Meet\*  
Nov. 8 - MS, Meridian - MHR&BS Meeting §\*  
Nov. 10 - GA, Chamblee - SARS Meeting §\*  
Nov. 10 - OH, Kettering - ARCO Meeting §\*  
Nov. 10 - PA, Souderton - DVHRC Club §\*  
Nov. 12 - AR, Little Rock - AARC Meeting §\*  
Nov. 13 - NJ, Freehold - NJARC Meeting §\*  
Nov. 14 - AZ, Tempe - AARC Swap Meet\*  
Nov. 14 - MN, N. St. Paul - NARC Swap Meet\*  
Nov. 14 - OK, Oklahoma City - OKVRC Meeting §\*  
Nov. 14 - OR, Portland - NWVRS Meeting §\*  
Nov. 15 - NY, Hyde Park - HVVRC Meet §\*  
Nov. 15 - NY, Schenectady - ARCS Meeting\*  
Nov. 15 - WA, Seattle - PSARA Meeting §\*  
Nov. 18 - CA, N. Highlands - SHRS Meeting §\*  
Nov. 19 - NY, Goshen - HARPS Meeting §\*  
Nov. 20-21 - CA, Norwalk - SCARS Meet\*  
Nov. 21 - MD, Laurel - MAARC Meeting §\*  
Nov. 21 - TX, Irving - VRPS Swap Meet §\*  
Nov. 23 - AL, Birmingham - ALHRS §\*  
Nov. 24 - OH, Dayton - SPARK Meeting §\*  
Dec. 5 - TX, Houston - HVRA Party §  
Dec. 8 - CA, Redding, CHRIS-NVC Meet\*  
Dec. 8 - GA, Chamblee - SARS Meeting §  
Dec. 8 - OH, Kettering - ARCO Meeting §  
Dec. 12 - OK, Oklahoma City - OKVRC Meeting §  
Dec. 13 - MS, Meridian - MHR&BS Meeting §  
Dec. 19 - MD, Laurel - MAARC Meeting §  
Dec. 19 - OR, Portland - NWVRS Party §  
Dec. 20 - NY, Hyde Park - HVVRC Meet §  
Jan. 16 - OH, Columbus - SPARK Swap Meet  
Jan. 16 - TX, Houston - HVRA Mega Auction  
Jan. 23 - NH, Nashua - NEARC Meet  
Mar. 26-27 - NC, Monroe - AWA/SE Meet  
Apr. 17 - NH, Nashua - NEARC Meet  
Apr. 22-23 - OH, Dayton - SPARK Swap Meet  
May 21-22 - MN, Bloomington - Radio Daze '93  
Jul. 17 - NH, Nashua - NEARC Meet

\* See expanded listing this month. § Monthly Meeting.

## IOWA

### NEW ANTIQUE RADIO CLUB TO FORM

Iowa area collectors and collectors  
interested in Iowa-made radios.

Write: Dennis Hilberg, 804 Ravine St.  
Decorah, IA 52101

Listings on these pages are free to  
antique radio clubs, as space permits.  
Please include date, time, where, direc-  
tions, & information/contact person.  
Submission Deadline - 5th of month.

## RADIO CLUB LISTINGS

**CLUBS:** Send antique radio club and meet information to A.R.C. for free listing here, as space permits. Sorry, we don't have room for hamfests. Always send a SASE when writing to clubs!

### NATIONAL CLUBS:

**National Wireless Association (AWA).** P.O. Box "E", Breesport, NY 14816. Pub: *The Old Timer's Bulletin*, quarterly. Dues: \$12.00. National and regional conventions. Museum.

**Antique Radio Club of America (ARCA).** William H. Dawson, 300 Washington Trails, Washington, PA 15301. Pub: *The Antique Radio Gazette*, quarterly. Dues: \$12.00. National and regional conventions. Regional chapters.

### REGIONAL CLUBS:

**Alabama Historical Radio Society (ALHRS).** 4721 Overwood Circle, Birmingham, AL 35222. Newsletter, monthly. Dues: \$20.00. Meetings 4th Mon. evening each month but Dec., annual show/swap meet.

**Antique Radio Club of Illinois (ARCI).** Carolyn Knipfel, RR 3, 200 Langham, Morton, IL 61550. Pub: *ARCI News*. Dues: \$12.00. Annual Radiofest and additional meets each year.

**Antique Radio Club of Schenectady (ARCS).** Jack Nelson, W2FW, 915 Sherman St. Schenectady, NY 12303. Monthly meetings except summer.

**Antique Radio Collectors Club of Ft. Smith, Arkansas.** Wanda Conatser, 7917 Hermitage Dr., Ft. Smith, AR 72903. Dues: \$10.00. Monthly meetings, annual show.

**Antique Radio Collectors of Ohio (ARCO).** Karl Koogle, 2929 Hazelwood Ave., Dayton, OH 45419. Pub: *The ARCO Code*, quarterly. Dues: \$10.00. Monthly meetings.

**Arkansas Antique Radio Club (AARC).** Tom Burgess, P.O. Box 9769, Little Rock, AR 72219. Dues: \$5.00. Monthly meets.

**Arizona Antique Radio Club (AARC).** Treasurer, 8311 E. Via de Sereno, Scottsdale, AZ 85258. Pub: *The Arizona Antique Radio Club News*, quarterly. Dues: \$15.00. Meetings, swap meets.

**Belleville Area Antique Radio Club (BAARC).** Karl Stegman, Treasurer, 4 Cresthaven Dr., Belleville, IL 62221, (618) 234-7992. Newsletter. Dues: \$10.00. Bi-monthly meetings.

**Buckeye Antique Radio and Phonograph Club (BARPC).** Steve Dando, 4572 Mark Trail, Copley, OH 44321. Pub: *Soundings*, bi-monthly. Dues: \$5.00. Quarterly meetings.

**California Historical Radio Society (CHRS).** Jim McDowell, 2265 Panoramic Dr., Concord, CA 94520. Pub: *The Journal*, quarterly. Dues: \$15.00. Quarterly swap meets.

**North Valley Chapter, CHRS (NVC-CHRS).** Norm Brathwaite, PO Box 2443, Redding, CA 96099. Bi-monthly newsletter. Dues: \$5.00 (+ \$15.00 CHRS). Bi-monthly meetings.

**Carolina Antique Radio Society.** New club forming. Carl R. Shirley, 824 Fairwood Rd., Columbia, SC 29209.

**Central New York/Northern Pa. Antique Radio Club (CNY/NPAARC).** New club forming. Mark Gilbert, 711 Elm St., Groton, NY 13073.

**Cincinnati Antique Radio Collectors (CARC).** Tom Ducro, 6805 Palmetto, Cincinnati, OH 45227. Informal organization. Write to be put on mailing list. Two meets per year.

**Colorado Radio Collectors (CRC).** Bruce Young, 4030 Quitman St., Denver, CO 80212. Pub: *The C.R.C. Flash*, bi-monthly. Dues: \$10.00. Bi-monthly

meetings/swap meets.

**Connecticut Area Antique Radio Collectors.** New club forming. John Drake, 23 E. Wharf Rd., Box 942, Madison, CT 06443. No newsletter, no dues. Meets.

**Connecticut Vintage Radio Collectors Club (CVRCC).** John C. Ellsworth, Vintage Radio and Communications Museum of Conn., 665 Arch St., New Britain, CT 06051. Pub: *Connecticut Wireless Gazette*, 4-6 yearly. Dues: \$20.00. Museum. Library forming. Swap meets, spring and fall.

**Delaware Valley Historic Radio Club (DVHRC).** New club forming for Southeastern Penna. area. Radio Attic, PO Box 624, Lansdale, PA 19446. Dues: \$5.00. Monthly meetings with swap meets.

**Florida Antique Wireless Group (FAWG).** Paul Currie, Box 738, Chuluota, FL 32766. Pub: *FAWGHom News*, quarterly. Monthly tailgate swap meets, fall auction, and quarterly flea markets.

**Greater Boston Antique Radio Collectors (GBARC).** Richard Foster, 12 Shawmut Ave., Cohituate, MA 01778. Informal organization. Write to be put on mailing list. One winter and one spring meet each year.

**Greater New York Vintage Wireless Association (GNVVA).** Bob Scheps, 12 Garrity Ave., Ronkonkoma, NY 11779. Pub: Meeting notices. Dues: \$4.00. Six meets/year and monthly meetings.

**Hawaii Chapter/ARCA.** New club forming. ARCA-Hawaii, 95-2044 Waikalani Pl. C-401, Milliani, HI 96789. Workshops, children's classes, Window on the World program.

**Hawaii Historical Radio Club (HHRC).** Newclub forming. Kevin Dooley, 45 Ala Kimo Dr., Honolulu, HI 96817. Newsletter, quarterly. Quarterly meetings/activities.

**Houston Vintage Radio Association (HVRA).** HVRA, PO Box 31276, Houston, TX 77231-1276. Pub: *The Grid Leak*, monthly. Dues: \$15.00. Monthly meetings and special regional events.

**Hudson Valley Antique Radio and Phonograph Society-ARCA (HARPS).** John Gramm, PO Box 1, Rt. 207, Campbell Hall, NY 10916. HARPS Newsletter, monthly. Dues: \$15.00. Monthly meetings, annual Old Time Radio & Phono Show.

**Hudson Valley Vintage Radio Club.** New club forming. Al Weiner, 14 Prospect Dr., Yonkers, NY 10705. Monthly meets.

**Kentucky Chapter/ARCA.** New club forming. KY/ARCA, 1907 Lynn Lea Rd., Louisville, KY 40216-2836. Meetings, meets, future museum.

**Indiana Historical Radio Society (IHRS).** 725 College Way, Carmel, IN 46032. Pub: *IHRS Bulletin*, quarterly. Dues: \$10.00. Quarterly swap meets in various areas of state.

**Louisiana & Mississippi Gulf Coast Area.** New club forming. F. V. Bemauer, 1503 Admiral Nelson Dr., Slidell, LA 70461

**Michigan Antique Radio Club (MARC).** Jim Clark, PO Box 585, Okemos, MI 48864. Pub: *The Michigan Radio Chronicle*, quarterly. Dues: \$12.00. Annual Extravaganza and other quarterly meets.

**Mid-America Antique Radio Club (MAARC).** Carleton Gamet, 2307 W. 131 St., Olathe, KS 66061. Pub: *The Broadcaster*, quarterly. Dues: \$8.00. Semi-annual auctions, swap meets.

**Mid-Atlantic Antique Radio Club (MAARC).** Joe Koester, 249 Spring Gap South, Laurel, MD 20724. Pub: *MAARC Newsletter*, monthly. Dues: \$15.00. Monthly meetings.

**Middle Tennessee Old Radio Club.** New club forming. Grant Manning, Rt. 2, Box 127A, Smithville, TN 37166.

**Mid-South Antique Radio Collectors (MSARC).** Ron Ramirez, 811 Maple St., Providence, KY 42450-1857. Pub: *Old Radio Times*, quarterly. Dues: \$10.00. Two meets per year.

**Mississippi Historical Radio and Broadcasting Society (MHR&BS).** Pub: MHR&BS newsletter, monthly. Dues: \$10.00. Randy Guttery, 2412 C St., Meridian, MS 39301. Monthly meetings and workshops.

**Nebraska Radio Collectors Antique Radio Club (NARC).** Steve Morton, 905 West First, North Platte, NE 69101. Pub: *The Resonator*, monthly. Dues: \$5.00. Monthly meetings Apr. to Sept., annual Sept. auction.

**New England Antique Radio Club (NEARC).** Marty Bunis, RR1, Box 36, Bradford, NH 03221. Pub: *Escutcheon* Newsletter, quarterly. Dues: \$10.00. Quarterly meets and auctions.

**New Jersey Antique Radio Club (NJARC).** New club forming. Kathleen Flanagan, 92 Joysan Ter., Freehold, NJ 07728. Dues: \$10.00. Monthly meetings, biannual swap meets.

**Niagara Frontier Wireless Association (NFWA).** Gary Parzy, 135 Autumnwood, Cheektowaga, NY 14227. Pub: *NFWA Chronicle*, quarterly. Dues: \$9.00. Regional meets. Permanent antique radio display and research center at the Amherst Museum, Amherst, N. Y.

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

**Northwest Vintage Radio Society (NWVRS).** P.O. Box 82379, Portland, OR 97282-0379. Pub: *The Call Letter*, monthly. Dues: \$15.00. Monthly meetings.

**Oklahoma Vintage Radio Collectors Club (OKVRC).** PO Box 72-1197, Oklahoma City, OK 73172. Pub: *OKVRC Broadcast News*, monthly. Dues: \$12.00. Monthly meetings.

**Pittsburgh Antique Radio Society, Inc. (PARS).** Richard J. Harris, Jr., Secretary, 407 Woodside Rd., Pittsburgh, PA 15221. Pub: *The Pittsburgh Oscillator*, quarterly. Dues: \$10.00. Quarterly meetings.

**Puget Sound Antique Radio Association (PSARA).** PO Box 125, Snohomish, WA 98291-0125. Pub: *The Horn of Plenty*, monthly. Dues: \$20.00, \$15.00 for out-of-state. Monthly meetings.

**Rhode Island Antique Radio Enthusiasts (RARE).** New club forming. Len Arzooonian, 61 Columbus Ave., N. Providence, RI 02911. Informal monthly meetings.

**Sacramento Historical Radio Society (SHRS).** PO Box 162612, Sacramento, CA 95816-9998. Pub: *The Announcer*, quarterly. Dues: \$10.00. Special

meets, monthly meetings.

**E. H. Scott Historical Society Inc. (EHSHS).** John T. Meredith, PO Box 1070, Niceville, FL 32588-1070. Pub: *Scott News*, quarterly. Dues: \$20.00. Displays, presentations, registry, publications.

**Society for the Preservation of Antique Radio Knowledge (SPARK).** New club forming. Harold Parshall, 2673 So. Dixie Dr., Dayton, OH 45409. Pubs: *The Electronic Collector (TEC)*, quarterly; *SPARK Notes*, monthly. Dues: \$12.00. Monthly meetings, quarterly swap meets.

**Society of Wireless Pioneers Inc. (SOWP).** Paul N. Dane, W6WOW, 146 Coleen St., Livermore, CA 94550. Pub: *The World Wireless Beacon*, quarterly. Dues: \$10.00.

**Southeastern Antique Radio Society (SARS).** New club forming. David Martin, 1502 Wood Thrush Way, Marietta, GA 30062. Dues: \$10.00. Spring and fall swap meets. Mini-meet before monthly meetings.

**Southern California Antique Radio Society (SCARS).** C. Alan Smith, 6368 Charing St., San Diego, CA 92117. Pub: *California Antique Radio Gazette*, quarterly. Dues: \$10.00. Quarterly meets in L.A. area and mini meets.

**Southern Vintage Wireless Association (SVWA).** Bill Moore, 3049 Box Canyon Rd., Huntsville, AL 35803. Pub: *SVWA Newsletter*, 3/year. Dues: \$5.00. Three swap meets/meetings per year.

**South Florida Antique Radio Collectors.** New club forming. Victor Marett, 3201 N.W. 18 Street, Miami, FL 33125.

**Vintage Radio & Phonograph Society (VRPS).** Larry Lamia, P.O. Box 165345, Irving, TX 75016. Pubs: *The Reproducer*, quarterly. *Sound Waves*, monthly. Dues: \$13.50. Monthly meetings, spring auction, annual convention.

**Vintage Radio Unique Society.** Jerryl W. Sears, 312 Auburndale St., Winston-Salem, NC 27104.

**Western Wisconsin Antique Radio Collectors Club (WWARCC).** Dave Wiggert, 1611 Redfield St. La Crosse, WI 54601. Pub: *Radio Recollections*, quarterly. Dues: \$12.00. Bi-monthly meetings, annual Nostalgic Radio Swap Meet, museum and mall shows.

**W. Va. Chapter, ARCA (ARCA-WVC).** Geoff Bourne, 405 8th Ave., St. Albans, WV 25177, (304) 722-4690. Newsletter, monthly. Dues: \$25.00 (includes museum membership). Quarterly meets, monthly meetings.

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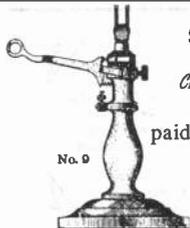
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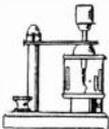
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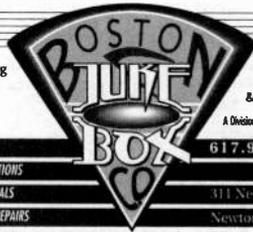


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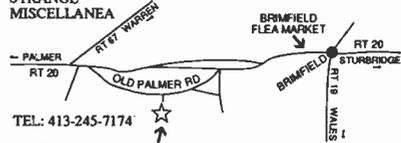
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- Dunlap, O.E., *Radio's 100 Men of Science*. 1944. Biographical narratives of pathfinders in electronics & television including Gilbert, Galvani, Faraday, Loomis, Hughes, Dolbear, Tesla, Hertz, Popoff, Nipkow, Branly, Jenkins, Conrad, Weagant, Kolster, DuMont, Olson. 330 pgs. ....\$25.00
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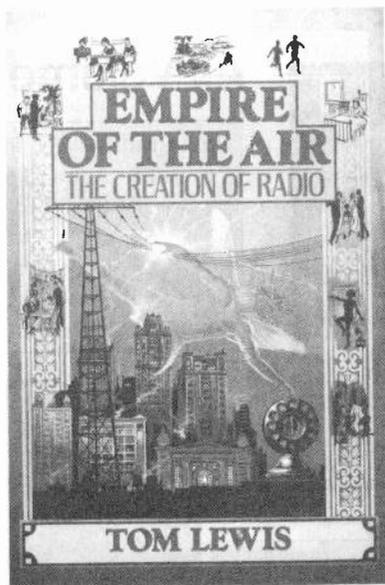


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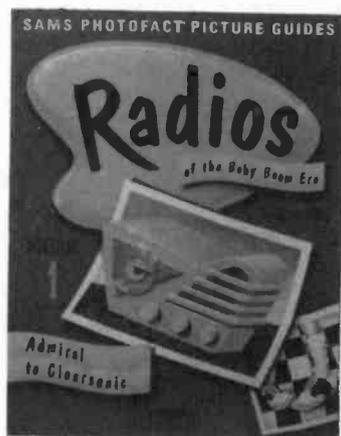
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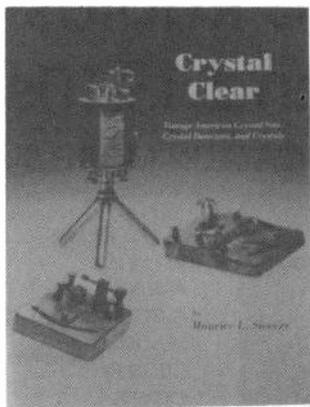
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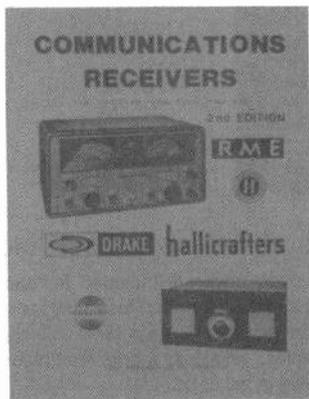
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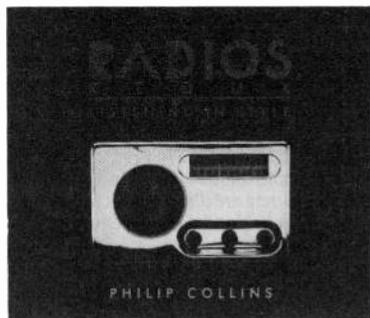


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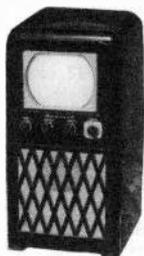


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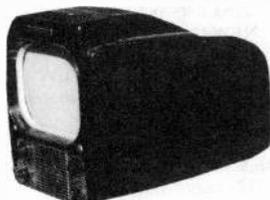
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We are THE high-end transistor buyers--and we pay CASH! Harry Poster, Box 1883, South Hackensack, NJ 07606.

# CLASSIFIED ADVERTISING POLICY

**ONE FREE 20-WORD AD** for subscribers in each issue; additional words are 15¢ each. See details below. Classified ads must be received (not just postmarked!) by **NOON** on the ad deadline. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page two for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Please write each ad on a separate sheet of paper, especially when included with other A.R.C. correspondence. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

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

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

Publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Publisher is not responsible for errors due to illegibly written ads or for any other reason. Since club activities receive free advertising on the *Coming Radio Events* page, the free 20 words may not be used for club activity ads. See inside front cover for additional information.

## CLASSIFIED AD DETAILS

**Deadline: NOON – 10th of the month!**

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

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

### Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE\***  
15¢ per word for extra words over 20 **plus**  
10¢ per word for a shaded ad (count all words including free words).

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

Non-Subscribers:

30¢ per word **plus**  
10¢ per word for shaded ad.

Please do not forget to send in the extra 15¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

## BOXED CLASSIFIED AD DETAILS

**Deadline: 1st of the month!**

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with For Sale, etc. Minimum run is 3 months, prepaid.

### Boxed Classified Ad Rates per Month

Unshaded ads:

25¢ per word for all words,\* none free, **plus**  
10¢ per word for each bold word **plus**  
10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):

35¢ per word for all words\* **plus**  
10¢ per word for each all-caps word.

Non-Subscribers:

Add 20¢ per word to above costs.

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

## PHOTO & DRAWING DETAILS

**Deadline: 1st of the month**

**for all ads with drawings or photos!**

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

### Photo and Drawing Rates per Month

\$8.00 per month for each photo or drawing (If ad is canceled, this amount cannot always be refunded.)

## CHANGES & CANCELSATIONS

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

### IMPORTANT — COUNTING WORDS — IMPORTANT

The **standard headings**: WANTED, FOR SALE, etc., count as **one word** each time used in an ad. **Name, address** and (one) **telephone number**, count as **6 words**, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, etc. count as one word. Hyphenated words count as two words.

SECOND CLASS

ANTIQUE RADIO CLASSIFIED



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

RETURN POSTAGE GUARANTEED

GBC SUB#=  
C E UPSON

27-11123

EXP=JAN93

BOX 985  
KINGSLAND

TX

78639

CLASSIFIED AD  
DEADLINE NOV. 10TH