



VOLUME 17

FEBRUARY 2000

NUMBER 2

THE HEART of YOUR RADIO SET



“Sound

Perfection”

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

ANTIQUE RADIO CLASSIFIED

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

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

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

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

© Copyright 2000 by John V. Terrey.

POSTMASTER: Send address changes to Antique

Radio Classified, P.O. Box 2, Carlisle, MA 01741.

Printed in U.S.A.

STAFF:

Publisher and Editor: John V. Terrey
Production & Advertising Manager: Cindie Bryan

Office Manager: Tammy DeGray

Managing Editor: Dorothy Schecter

Publishing & Editorial Staff:

Malaika Brodeur, Dave Crocker, Bobby Lyman

Founding Publisher/Editor: Gary B. Schneider

Contributing Writers & Consultants: Mike Adams, Richard L.

Arnold, Richard Begbie, Ray Bintliff, Ron Boucher, Paul J.

Bourbin, Norman S. Braithwaite, Dave Crocker, Dick Desjarlais,

Alan S. Douglas, Richard C. Foster, Fred Geer, Jim Kreuzer, Ron

Ramirez, Henry Rogers, Ian L. Sanders, Gary B. Schneider, Daniel

Schoon, Frank R. White, Ralph Williams, Walter Worth

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

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

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

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

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

E-mail: A.R.C@antiqueradio.com - Web: www.antiqueradio.com

Please, no classified ads by telephone; thanks.

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

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

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

DISPLAY AND BUSINESS CARD ADS - DETAILS AND RATES

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

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

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

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

If you are confused by these requirements and terms, please

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

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

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

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

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

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

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

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

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

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

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

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

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

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

First business card per advertiser is at lower rate.

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



ANTIQUE RADIO CLASSIFIED



EDITOR'S COMMENTS

What could be special about the second month of a new year? Usually not much more than the hearts and flowers of Valentine's Day. But, each time that we make the effort to write "20--" instead of "19--", we realize that this period of transition to a new century and a new millennium is, indeed, special.

Of course, the purists remind us that 2001, not 2000, is the real beginning of the new millennium (see *Radio Miscellanea*), but we have chosen, along with most people, to celebrate it now. A millennium is, after all, any period of 1000 years. Almost in defiance of the purists and in defense against the Y2K bug, the whole world seemed to join in the party — and the fight.

It appears that this fight has been won and that the potential Y2K problem has come and gone. Not without costs, however, as A.R.C. did have to make changes to its computer systems. Four years ago we found that some long-term renewals were not being reflected properly in our computerized subscription files. The cost was about 100 hours of reprogramming and data entry to correct the oversight made in 1986. All now seems to be functioning well, but any needed additional changes will be made as we proceed into the year 2000.

The challenges of the Internet remain and cannot be ignored, especially by print publications who see a migration of some of their readership to the Internet. While these publications now must maintain a Web site in order to compete, other changes are taking place.

For example, Gemsback Publications, publisher of *Modern Electrics* and *Radio News*, is combining its two 1999 magazines, *Popular Electronics* and *Electronics Now*, into the new *Poptronics*. The *Ham Trader Yellow Sheets* have been merged into the *Amateur Radio Trader*. Columns on antique radio are also evolving — Mark Ellis has moved his "Antique Radio" column from *Popular Electronics* to *Monitoring Times*, and *QST* is adding an antique radio column penned by John Dilks.

A.R.C. too is adapting to the times with its expanded presence on the Internet. The number of paid subscribers, having grown to 8,222 in 1995, numbered 7,089 in 1999. In this same time period, however, the "hits" on our Web home page grew from about 500 per month to over 9,000 per month today. Over 47,000 A.R.C. Web pages are viewed monthly. It is possible that more people "read" some portion of A.R.C. via the Internet than in the printed form. Soon, A.R.C.'s display advertisers will be able to take advantage of this exposure.

As we have for the past fifteen years, A.R.C. will continue to service the antique radio community for years to come in whatever formats our readers prefer. Information about all aspects of our hobby is A.R.C.'s business, which brings us to the content of this issue.

Featured this month is more on that basic reference resource — Rider's manuals. Charles Kirsten continues his review with an analysis of the various versions of Volume II of the *Trouble Shooter's Manual* series. Thousands of radio schematics were published by John F. Rider in these manuals which ultimately grew to over

20 volumes covering radios alone.

Inspired by the article on ship speakers in a past issue, Dave Gonschor has written about another ship, but this one functions as an antenna. What other ship-radio items can there be out there?

Complementing our cover illustration of the Apex vacuum tube, George A. Fathauer has helped us to develop a short article on this tube. A review of George's book — *Radio Tubes and Boxes of the 1920's* — by Dick Bergeron is paired with the Apex article. Early vacuum tube collecting continues to grow as indicated by other books on the subject and the interest at auctions.

George and Michael Potter report on the action at the Vintage Radio and Phonograph Society Convention in Texas on October 29-31, 1999. Although the auctions, which totaled over \$55,000, are always extraordinary events, seminars, an old equipment contest, a flea market, and a banquet are featured as well. In fact, your editor was the banquet speaker this year. (The A.R.C. staff is delighted to have a photo proving that I was formally dressed for the occasion.)

For capacitor lovers everywhere, the third installment of Ray Bintliff's "Capacitors in Old Radios" appears in this issue. Ray details the what, how, and why of mica and electrolytic capacitors, including lots of useful information for your next restoration project.

And following up on Ray Bintliff's June 1999 article "Adventures in RCA TV Land," Alton DuBois relates his experiences as a field tech in the late 1940s.

Photo Review shows a Radialamp hom speaker, an unusual Philco television set, and a miniconsole — somewhat reminiscent of the Pastime radio in the May 1995 article by Dick Desjarlais. *Radio Miscellanea* includes comments pro and con on A.R.C., the above referenced comment on the real start of the new millennium, and article feedback on Raytheon tubes from Raytheon itself.

Coming Radio Events. This month, 40 events are listed, including meets in Arizona, Michigan, Georgia, Indiana, and Kansas. Of note are the 3-day HVRA-AWA Convention in Houston, Texas; the SCARS Annual Auction in Van Nuys, California; the Estes Vintage Radio Auction in Seville, Ohio; and, of course, Radio XXXI in Westford, Massachusetts — please make sure to stop by to say "hi" to the A.R.C. staff at this one.

Happy Collecting.

John V. Terrey, Editor

ON THE COVER

Our cover illustration is a "real find" for February from your editor's collection. The 4-page, 3½" x 6" Apex brochure showing the Audiotron tube encased in a heart seems intended to touch the hearts of collectors. In fact, not shown on our cover is the additional invitation to buyers to "Have a Strong Heart — Use Apex Audiotron tubes." The brochure is fact-packed, as seen in the related article, and we wonder how widely it would be read in this sound-bite age.

WITH THE COLLECTORS

The Four Versions of Rider's Trouble Shooter's Manuals — Volume II

BY CHARLES C. KIRSTEN

In this article, Charles Kirsten provides more information regarding the early Rider manuals. This time he clarifies the mysteries surrounding the Rider manuals identified as "Volume II" and recaps some information pertinent to other early volumes. (Editor)

This article is intended as a follow-up to "The Three Versions of Rider's Perpetual Trouble Shooter's Manual, Volume I" which appeared in the June 1998 issue of A.R.C. In that article, I showed the "1931" version as the first *Perpetual Trouble Shooter's Manual* published by John F. Rider. A few readers pointed out that they owned a bound, 1-inch thick book by Rider titled *Trouble Shooter's Manual*, dated 1929, and that its title page reads "Volume II The Service Man's Manual." I was too interested in this new information to be very embarrassed by my error.

On investigation, I found that the 1929 book had truly been Rider's very first attempt to bring out the array of commercial radio diagrams for the serviceman. Since I already had two different editions of Rider's *Perpetual Trouble Shooter's Manual, Volume II* that were printed after the "1931" volume, I could now count three different versions of a Rider's "Volume II."

Then John Bayusik, a director of the Vintage Radio and Communications Museum of Connecticut, sent me photographs of a Rider's *Perpetual Trouble Shooter's Manual, Volume II* with the

date "1932" imprinted on the binder face and spine. Communications with John showed that the 1932 manual was identical to the 1st edition of Rider's *Perpetual Trouble Shooter's Manual, Volume II*, except for the presence of the date "1932" on the binder. Even so, I arbitrarily have called this 1932 version the fourth version of Rider's Volume II.

Table I contains a chronological list of the early Rider radio manuals up to Volume III of the *Perpetual Trouble Shooter's Manual*. Although all manuals listed will be touched on, the emphasis in this article is on the four versions of Volume II which are shown in bold print in this table.

THE SERVICE MAN'S MANUAL, VOLUME I: THE MATHEMATICS OF RADIO

Two correspondents speculated that if there was a Volume II published in 1929, there also had to be a Volume I from 1929 or earlier. Of course, they were right, but the nature of Volume 1 is such that, of those who wrote to me, only Ray Thompson of Johns Hopkins University knew that *The Mathematics of Radio* by John F. Rider was Volume I of "The Service Man's Manual." The cover of this book is shown in Figure 1. Since this volume is really a radio math textbook, rather than a "Trouble Shooter's Manual," it is mentioned only briefly to dispel any mystery associated with it.

An advertisement on page 31 of *Radio World*

Table I — A Chronological List of Early Rider Publications
(*Volume IIs Highlighted in Bold*)

Publication	Date	Remarks	Pagination *
The Service Man's Manual, Vol. I	1929	<i>The Mathematics of Radio</i>	
The Service Man's Manual, Vol. II	Early 1929	<i>Trouble Shooter's Manual</i>	Sequential
Supplementary Wiring Diagrams	June 1930	115 additional diagrams	
Perpetual Trouble Shooter's Manuals:			
"1931" Edition	May 1931	Update of the 1929 <i>Trouble Shooter's Manual</i>	Numeric/Alpha
Volume I, 2 nd Edition	Nov. 1931		Numeric/Alpha
Volume II, 1st Edition	June 1932	Undated binder	Numeric/Alpha
Volume II, 1st Edition, "1932"	June 1932	Binder and spine dated 1932	Numeric/Alpha
Complete	March 1933	RCA Radiotron & Cunningham Versions	Sequential
Volume III	May 1933		Folio
Volume II, 2nd Edition	Aug. 1933		Folio
Volume I, 3 rd Edition	Nov. 1933		Folio

* Pagination: Sequential = sequential page numbers; Numeric/Alpha = sequential numbers with added pages identified by a letter, or a combination of a letter and a number; Folio = Manufacturer name - Volume No. - Page No.

magazine dated January 4, 1930, provides a good description of this book.

THE SERVICE MAN'S MANUAL, VOLUME II: TROUBLE SHOOTER'S MANUAL

When talking to Charles Coombs, one of the owners of a copy of this 1929 version of Volume II, I mentioned that I had never seen this volume. Three days later, I was overwhelmed to receive, unasked, his copy in the mail as a loan so I might

research the volume. (Thank you Charles.) The front cover and the title page of the 1929 Volume II, shown in Figures 2 and 3, bear the title apparently coined by, and almost exclusively used by, John F. Rider — "Trouble Shooter's Manual." Apparently, this 1929 hard-bound Volume II was intended as an integral manual and not to be a member of the loose-leaf *Perpetual Trouble Shooter's Manual* family.

One hundred pages of this volume show how
(Continued on following page)

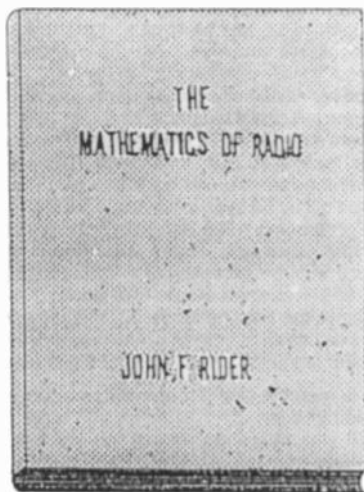


Figure 1. The cover of Rider's book "The Mathematics of Radio" also known as "The Service Man's Manual, Volume I."

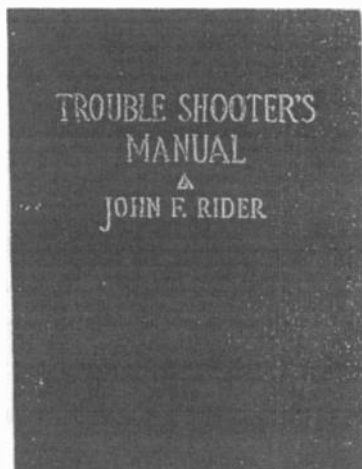


Figure 2. The binder face of the "Trouble Shooter's Manual." The binder does not carry a date or volume number.

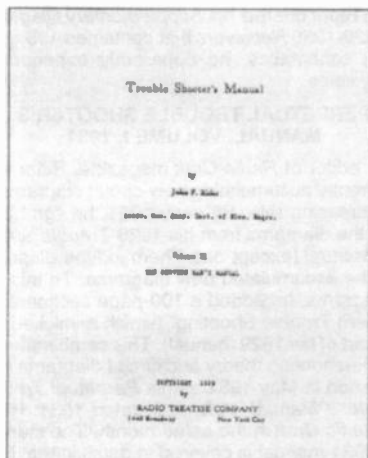


Figure 3. The title page of the "Trouble Shooter's Manual" identifies the manual as "Volume II The Service Man's Manual." The copyright date is 1929 and the publisher is the Radio Treatise Company.

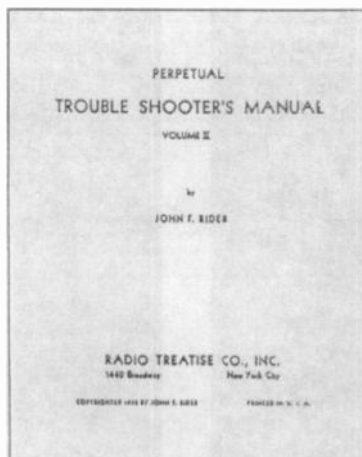


Figure 4. The title page of the "Perpetual Trouble Shooter's Manual, Volume II." Again the publisher is the Radio Treatise Company. The copyright date is 1932.

(The Four Versions of Rider's, continued)

to "trouble shoot"; i.e., how to analyze various circuit malfunctions. The remaining 101 pages give 188 commercial radio schematics provided to Rider by 31 different manufacturers. Evidence of the censorship placed on the circuits by those manufacturers is seen all through the circuit section of this volume. Of the 188 circuits, only 70 have all components and tubes marked with their values or types.

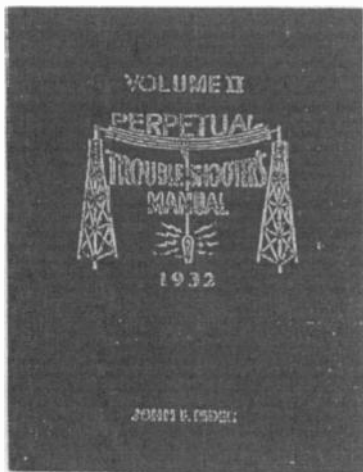


Figure 5. The cover of this "Perpetual Trouble Shooter's Manual" displays the date "1932."

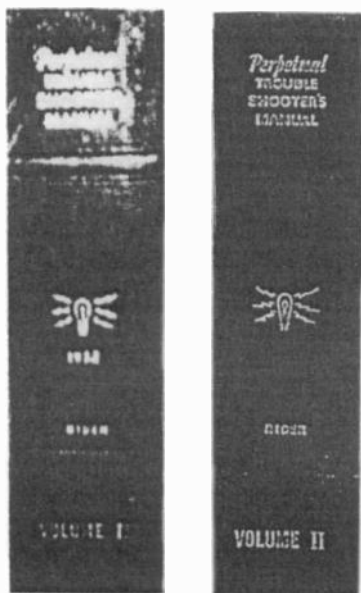


Figure 6. The spines of Volume II, 1st Edition, on the right and the same volume dated "1932" on the left.

Many circuits appear to be fully annotated, but a closer look shows only cryptic manufacturer's part numbers or function names; e.g., grid leak, filter by-pass, volume control, etc. Many parts have no markings at all. The Freed-Eisemann Company left no room for doubt — "A Strict Observation of the Confidential Character of this Drawing is Required" streams across the top of each of the company's drawings.

Rider's preface to this volume tells more: "Permission to publish the enclosed wiring diagrams was secured from the various manufacturers with the understanding that they would not be reproduced in magazines and newspapers without special permission, and we trust that the readers of this book will cooperate with the author in this respect."

And not all of these circuits were current! Of the 165 indexed circuit diagrams, the only 1929 models were a Majestic 180, Philco Models 82 and 86, and a Federal K. Sixty-three were 1928 models, and all the rest were at least two years old. As pointed out by Ed Lyon in his article "Rider Volume Zero" in the July 1998 issue of *Radio Age*, there are only radios with triodes (and diodes) in this manual with the exception of a Type 222 tube in the 1928 Freshman Model Q15 and a Type 24 tetrode in the Federal Model K. This manual, almost useless for schematics, and replaced by Rider's later manuals, is of interest for these reasons:

1. It was the first *Trouble Shooter's Manual* issued by Rider;
2. It was published almost two years before any other manuals, including Gemsback's *Official Serviceman's* manuals;
3. It reveals the severe opposition Rider faced in trying to bring commercial radio schematics to servicemen.

Whatever the 1929 Volume II lacked, radio servicemen must have been hungry for any sort of manufacturer's information. Within six months, when Rider offered his *Supplementary Diagrams of 1929-1930 Receivers* that contained 115 additional schematics, he apparently experienced ready sales.

PERPETUAL TROUBLE SHOOTER'S MANUAL, VOLUME I, 1931

As editor of *Radio Craft* magazine, Rider was apparently accumulating new circuit diagrams at an increasing rate. By early 1931, he combined all of the diagrams from his 1929 *Trouble Shooter's Manual* (except one Thermodyne diagram) and the accumulated new diagrams. To this set of diagrams, he added a 100-page section titled "Modern Trouble Shooting" (which mimicked the first part of his 1929 manual). This combination of trouble-shooting theory and circuit diagrams was published in May 1931 as his *Perpetual Trouble Shooter's Manual, Volume I*, dated 1931. Rider left *Radio Craft* in the same month. The story of this 1931 manual is covered in detail in the June 1998 issue of *A.R.C.*

The period from May 1931 to early 1932 must have been a difficult time for Rider. He had sold his "1931" manuals with a promise of updates, and he sent out many free supplements to manual owners. The flood of manufacturers' diagrams demand-

ed that he send out the older diagrams to holders of the "1931" manuals and collate the more recent diagrams into a format for the next manual.

PERPETUAL TROUBLE SHOOTER'S MANUAL, VOLUME I, 2ND EDITION

By November 1931, Rider must have just about reached the 1,300-page limitation of the Swivelok binder used for the "1931" manual. So, in an incisive move, he revised the "1931" manual and reissued it as Volume I, thus cutting off all further updates.

Rider didn't change the basic organization of the book in his rewrite: it had the same serial Arabic pagination with inserts carrying alphabetic addends, the same "Modern Radio Servicing" article in the front, and the same sections on "Amplifiers," "Power Supplies," "Midgets," etc. in the back. But its redefinition allowed Rider to divert later 1931 schematics to the next issue — Volume II.

PERPETUAL TROUBLE SHOOTER'S MANUAL, VOLUME II, 1ST EDITION

Rider published this manual in June 1932 using the Radio Treatise Company name. The title page of this edition is reproduced here as Figure 4 and the spine of the binder is shown in Figure 5 right. Although this manual is the second Rider publication to be designated "Volume II," it is actually the first edition of a Volume II in the *Perpetual Trouble Shooter's Manual* series.

This 1st edition of Volume II contains all new schematic diagrams. There are no duplications from Volume I. Information about point-to-point resistance measurements is included and consists of 10 pages of text and 50 pages of point-to-point resistance charts from four major manufacturers. The 98-page "Modern Radio Servicing" that appeared in Volume I was not included this time. In his preface, Rider describes the content of this manual as follows:

"Let it be known that Volume II does not supersede the first volume. It contains entirely new material. Volume I covered the period from 1919 to about October 1931; Volume II covers the period from October 1931 to the end of May 1932."

In this Volume II, Rider had, at last, binder space to burn! He put in all the things he had so painfully left out of Volume I, such as voltage tables, chassis views, parts lists, resistance tables and alignment data. He even added some parts lists and other data for some of the circuits in Volume I. The binder was hardly full.

In what seems, in retrospect, like a real "dumb bunny" scheme, Rider continued numbering the pages as an extension of the sequential numeric/alpha numbering scheme used in Volume I. This scheme assigned a range of Arabic page numbers to a manufacturer and used alphabetic (A, B, C, etc.) and alpha-numerics (A-1, A-2, A-3, etc.) when the available "pure" Arabic numbers were used up.

I do know that this scheme led to some horrendous page numbers and illogical progression of numbers. Some examples from Volume I may help you understand this numbering system. The pages in Volume I are generally arranged in alphabetical order by the manufacturer's name, and the pages are then numbered sequentially. A-C Dayton schematics appear first and are numbered 1 through 7. An Acme Apparatus schematic follows the A-C Dayton pages, and its page number is 8. Acme Electric schematics appear on page 9 and so on.

When a page was added to A-C Dayton it was numbered 2-A. The first Atwater Kent page number is 91 and the highest page number is 114. Because page number 115 is used for the Audio-lia Radio Company, added Atwater Kent pages had to be identified as 114-A, 114-B, etc.

Page numbering in the 1st Edition of Volume II was even more cumbersome with page numbers like 114-ZP-1. What a mess! Examples of these and the later Folio numbering scheme can be seen in Table II.

PERPETUAL TROUBLE SHOOTER'S MANUAL, VOLUME II, 1ST EDITION "1932"

Around this time, Rider must have issued the same manual in the same Swivelok binder, except that it was imprinted with the date "1932" on

(Continued on following page)

Table II — Rider Page Numbering Schemes

Manufacturer-Model	Numeric/Alpha	Sequential	Folio
Brunswick 42 AC DC	186-B-1	485	Brunswick 2-13
Brunswick 10	186-C	493	Brunswick 2-1
Grigsby-Grunow 25-B	386-Q-1	1182	Majestic 2-10
Grigsby-Grunow 35	386-Q-3	1184	Majestic 2-12
Ozarka Viking 5-A	458-B-1	1575	Ozarka 2-1
Ozarka S-5	458-B-2	1575	Ozarka 2-1
Philco 112	466-J	1704	Philco 2-38
Philco 490	466-D-8	1715	Philco 2-43
RCA SWA-2	504-J-17	1951	RCA 2-97
RCA R-5-X	504-B-1	1763	RCA 2-4
RCA R-11 AC	504-G	1782	RCA 2-18
Sparks Withington 16	568-X-4	2219	Sparton 2-11
Sparks Withington 25	568-Z-1	2226	Sparton 2-14

Note: Numeric/Alpha = sequential numbers with added pages identified by a letter, or a combination of a letter and a number; Sequential = sequential page numbers; Folio = Manufacturer name - Volume No. - Page No.

(The Four Versions of Rider's, continued)

both the front and spine of the binder. Let us call this volume the third version of Rider's Volume II. The front cover of this manual is shown in Figure 5 and the spine appears at the left in Figure 6. I was unaware of this version until informed by John Bayusik, but I have since heard of one offered on the Internet.

The "1931" date on his first *Perpetual Trouble Shooter's Manual* had proved to be so restrictive that it seems unthinkable that Rider would have deliberately put "1932" on his next manual, thereby limiting it to circuits from that year only.

For any other author or publication, the simple addition of a date on the cover might be too insignificant to mention. In the case of the Rider manuals, any date has to be a either a holdover from Rider's earlier publications or of some significance to Rider. Or it might have been a mistake.

The "1932" binder is the same style as the 2½-inch Swivelok with expandable posts used with the undated 1st Edition of Volume II. So, Rider must have ordered it from the same supplier, but probably not at the same time that he ordered the 3-inch Swivelok binders for the "1931" Volume I.

I would guess that Rider had ordered small quantities of binders ahead of time, and these had been delivered before he had decided to reissue the "1931" volume as Volume I. In that case, he could have found himself in possession of "1932" binders. He would not have wanted to throw them away. Maybe he had them over-embossed with "Volume II" and used them. So to me, the "1932" volume is somewhat of a mystery.

THE COMPLETE PERPETUAL TROUBLE SHOOTER'S MANUAL

This manual, published in 1933, was available in two versions. Both versions are credited to John F. Rider, but one binder bears the name and logo of RCA Radiotron, while the other carries the name and logo of E.T. Cunningham, Inc. Both binders note the companies' locations in Harrison, New Jersey. Until late 1935, RCA produced tubes and labeled them "Cunningham" for sale by the Cunningham Company.

The schematics in this "Complete" manual are arranged in alphabetical order by manufacturer, but the pages are numbered sequentially without the need for alpha-numerics — a vast improvement over the cumbersome numbering system used in Rider's earlier volumes.

PERPETUAL TROUBLE SHOOTER'S MANUAL, VOLUME III

For Volume III, Rider appeared to be consciously upgrading the manual's image. He changed to the 4-post Slide-Lock binder and changed its color from conservative black to deep blue. The schematics were printed from engravings for improved legibility.

Most important of all, Volume III was the first manual to be organized and printed in the "manufacturers folio" format — which proved to be a winner. The folio format treats the pages from each manufacturer as a separate group, with each page identified by the company or brand name, e.g. "Philco" for all Philadelphia Storage Battery Com-

pany products. Other examples appear in Table II. Within each group, or folio, the page numbers begin with the volume number in Arabic numerals, followed by a dash and then the sequential Arabic page number. Inserts use the appropriate page number and an addend such as A, B, C, etc.

PERPETUAL TROUBLE SHOOTER'S MANUAL, VOLUME II, 2ND EDITION

The fourth version of a Rider publication identified as "Volume II" is his *Perpetual Trouble Shooter's Manual, Volume II, 2nd Edition*. Copying the new features of Volume III, which had just been released, this 2nd Edition of Volume II used the 4-post Slide-Lock blue binder. The cover and spine of the binder feature the familiar antenna towers and tube design.

The really significant improvement was the change to the folio format that had been introduced in Volume III. Following the folio format, Rider took all voltage tables from the front and distributed them to their related pages throughout the revised manual. Unfortunately, he chose to delete tube layout views to make space for some of these voltage tables. Also, the tube tables were typed on the schematics and were done crudely. Not neat!

The special sections such as "Amplifiers" and "Power Supplies" were all integrated into the appropriate manufacturer's folio. The Canadian listings were dropped and only U.S. manufacturers were included. The total page count was about 960 of which 757 were schematic diagrams.

EPILOGUE

Rider went on to rewrite Volume I for a third time to get it into the same uniform folio format used in the Volume III and the 2nd Edition of Volume II. The folio format set the standard for Rider's manuals for the next twenty years. The manuals are so deceptively easy to access that one can't help wondering why Rider didn't figure out the folio pagination in the very beginning so he wouldn't have so many versions of his early manuals.

Starting his manuals business was apparently a matter of persistence, hard work and the pursuit of an ideal. Without Rider's determination, we would never have seen some of the radio schematics which he elicited from reluctant manufacturers.

References:

Lyon, Ed. "Rider Volume Zero," *Radio Age*, July 1998.
Radio-Craft, May 1930; May 1931.
Radio World, January, 1930.

© September 15, 1998. Charles Kirsten. All rights reserved.

(Charles Kirsten, *Radio Relics*, 15556 Sandra Lane, Sylmar, CA 91342)

Charles Kirsten is a spacecraft electronics engineer retired from the Jet Propulsion Lab in Pasadena, California. He has been repairing radios since age 12. He takes great pleasure in the beautiful jeweled meter movements and expressive speakers that give evidence of the electrical currents we can't see but try to control.

WITH THE COLLECTORS

A Ship Antenna

BY DAVE GONSHOR

One article frequently leads to another. Unlike the subjects of Dave Crocker's ship speakers, Dave Gonshor's ship is more than likely an antenna. Infinite variety is a hallmark of our hobby. (Editor)

In harmony with the ship speakers in Dave Crocker's article in the October 1999 issue of A.R.C., a similar ship is shown in Figure 1. This ship is not a speaker, however, but is believed to be an antenna. Similar to the miniature ship model speakers illustrated in Dave's article, this ship is the same style as the mighty galleons that sailed the seas and discovered America in 1492. I do not know the name of the ship.

CONSTRUCTION

The construction of the ship is excellent. The hull is made of wood and the sails of a light canvas. The rigging is made of heavy cord, and the ship details are hand-painted. The flags are metal. Construction is done via wood screws or small nails.

The ship measures 22" high x 25" long x 9.5" wide, so it is approximately the same dimensions of the ship speakers sold by Miniature Ship Models. There are no markings identifying the maker, builder, or kit supplier (if, indeed, it is a kit).

THE ANTENNA

Figure 1 also shows the ship's antenna. Approximately 20 feet of No. 18-gauge wire, consisting of ten turns of wire, is strung inside the hull. The wire is stranded copper. The coil of wire has one end protruding from the stern of the ship. Figure 2 shows a detail of the wire wound within the length of the hull (see arrows). The wire was obviously placed there during construction.

It is not clear how effective this ship is as an antenna. A good shortwave or broadcast antenna should be straight and long (tens of feet). A coil of wire would have been appropriate for a superhet of the early-to-mid 1920s, but the wire in this ship has only one connection, so it was not used as a loop antenna.

If this ship was intended to operate as a radio antenna, then what else might be found out there? We already know the Majestic Melody Cruiser radio and the ship speakers. Perhaps a ship

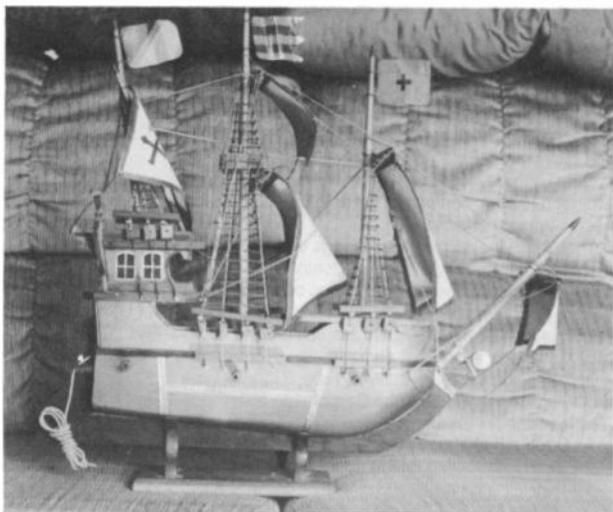


Figure 1. The wooden ship model that in reality is a radio antenna.

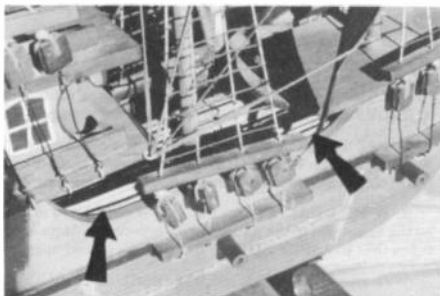


Figure 2. A close-up view of the ship model with arrows showing the antenna wire strung inside the hollow hull.

battery or a ship amplifier? Yet another reason to hit the antique shops and see what turns up.

(Dave Gonshor, 7121 S. Jellison St., Littleton, CO 80128)

Dave Gonshor, a registered professional electrical engineer, has been collecting radios for about five years. He enjoys battery sets, 1930s tombstones, cathedrals and consoles because of the more interesting electrical restoration they require.



VINTAGE VACUUM TUBES

Apex Audiotron Tubes

A.R.C. STAFF AND GEORGE A. FATHAUER

Your editor's collection is sometimes a source of inspiration for an A.R.C. article or cover. This time, the 4-page, 3 1/2" x 6" brochure on Apex Audiotron tubes leaped out at us for a February theme. Enclosed in a heart on the brochure cover is the ubiquitous 201-A tube, which, in 1924, the Radio Tube Corporation of Newark, New Jersey, claimed to be "The Heart of Your Radio Set." The heart is clearly visible on the Type 199A tube shown here. Below is a reprint of the brochure's list of "facts" about tubes. The page also states that "Apex Audiotron" is the company's trade name and that it means "sound perfection."

The use of the name "Apex" brings up the question of a connection to the Apex Electric Company in Chicago in the 1920s. Since there is no mention of a connection to this New Jersey firm in Alan Douglas' *Radio Manufacturers of the 1920's*, we assume that the Radio Tube Corp. was a totally separate entity.

In his *Saga of the Vacuum Tube*, Gerald Tyne mentions that the Radio Tube Corporation also made Cleartron and Dillion tubes.

As George Fathauer's book *Radio Tubes and Boxes of the 1920's*, reviewed on the opposite page, shows,

(Continued on following page)



Is There a Difference in Radio Tubes?

Here are several facts about tubes you should know.

1. **DISTANCE.** The ardent "radio bug" today is the "D. X. Fan"—the long distance enthusiast. He builds set after set in the hopes of hearing across the continent, or, better still, some far off foreign station. How hopeless it all seems when he has spent considerable money and long hours with different hook-ups and then finds the trouble is in the tubes. The tube is the "Heart of Your Radio Set," and when it ceases to operate, it takes the "heart" out of the enthusiast. APEX AUDIOTRONS have long been acknowledged and praised by the DX Fans.

During the recent tests between Europe and America "2 LO, LONDON, ENGLAND," was heard through the LOUD SPEAKER with APEX AUDIOTRONS: we have on file many confirmatory letters from set owners stating they clearly heard this broadcasting, with our Special Amplifying Tube.

2. **TONE QUALITY.** Tone quality is considered of primary importance in selection of radio tubes; it is so considered by the engineers of the Radio Tube Corporation. It was only after long periods of research and study of the utility of radio tubes that the APEX AUDIOTRONS were placed upon the market and introduced to the Radio World.

We adopted, therefore, our trade name APEX AUDIOTRON, which means SOUND PERFECTION.

3. **CRYSTAL CLEARNESS.** Often, no matter how costly a set may be, it will refuse to work well. It hisses, crackles, howls, groans—and then the fun commences. The Radio Fan changes "B" batteries and "A" batteries, the antenna is turned around, a new loud speaker or a new pair of phones is purchased, until finally he gives up in despair and concludes: "Well, I must be in a bad location." If it were realized that fifty per cent of the difficulties lay within the tubes, and all that is needed is the replacement of the weak tubes, the operator would smile at his troubles and expenses.

4. **VOLUME.** A radio tube may have a clear tone and yet lack volume. It has been repeatedly remarked by purchasers of APEX AUDIOTRONS that the results from the installation of AUDIOTRONS paralleled another step of amplification.

5. **ECONOMICAL UPKEEP.** The first question asked of a battery man is: "How long will this battery last?" He answers by asking in return: "What kind of tubes have you?" Some tubes draw more amperage from your battery than others, thereby lessening their life. APEX AUDIOTRON, type 199, consume only .06 amperes per hour.

6. **GUARANTEE.** Every APEX AUDIOTRON is guaranteed to deliver all the above qualities.

They are guaranteed further to act as detectors, to oscillate, and to function as both audio and radio frequency amplifiers. APEX AUDIOTRONS give perfect service. Our rigid inspection of each tube permits us to offer this guarantee.

7. **A GOOD TUBE AT A REASONABLE PRICE.**



BOOK REVIEW

Radio Tubes and Boxes of the 1920's

By George A. Fathauer

REVIEWED BY DICK BERGERON

Numerous tube manuals and books have been published over the years. The most notable were the "Spec and Data Sheets" released by tube manufacturers at regular intervals as new tubes were released. As time marched on and the interest and use of the electron tube waned due to technological advances, publications on tubes also dwindled in number. The contents of tube books still being published became more selective, shifting from technical data to a more general chronological and historical roadmap of the evolution of tubes from the early 1920s into the 1970s and 1980s.

This selective process continues with the release of *Radio Tubes and Boxes of the 1920's* by George A. Fathauer. As the title suggests, the book pictorially displays the tubes used in early broadcast receivers of the 1920s. As an additional bonus, pictures of the unique tube boxes that these tubes were sold in are also portrayed. A historic overview to the period is contained in the introduction, while an updated list of 201-A brand names and a selected bibliography are also included.

Thumbing through the pages of this book, one can't help but notice the hundreds of different companies that released or produced the 01-A tube. As the author



mentions in his introduction, RCA owned the patent rights to this tube. Some companies selling the tube were "legal," while others were not.

When the going was good, the companies trying to peddle this tube had to implement a few of the key marketing techniques known to be effective in selling a product successfully. Those tricks of the trade were 1) price — sell it cheaper than the other guy — or 2) unique packaging — the tube box filled this bill.

Packaging truly was dominant. The names of companies like Apex, ACE, Advance, Blue Ribbon, and Champion on boxes suggested that the product was the best of breed. Or how about Boone, Crusader, and Pioneer as indicators of

leaders in the industry? A box labeled Perfectone, Tru Tone, Music Master, Kleer-Tone, Fultone, or Grand-tone needed no further explanation about its contents. At the bottom end of the spectrum, company names like PAR, OK, and Quality might suggest cheaper, run-of-the-mill products.

All in all, the color photos of the tube boxes are particularly interesting. In their imaginative methodology of packaging, these companies related their names to the quality of their products. If you are collecting old tubes in boxes, this book is a "must have."

Radio Tubes and Boxes of the 1920's by George A. Fathauer has 105 pages with over 400 color photos and illustrations. It is published by Sonoran Publishing in an 8 1/2" x 11" paperback format and is available from *Antique Radio Classified* and other booksellers for \$26.95. Be sure to check for shipping information.

(Dick Bergeron, Box 8311, Essex, VT 05451)

Dick Bergeron is the proprietor of *Electron Tube Enterprises*, which can be reached at the above address or by telephone at (802) 879-1844 or fax at (802) 879-7764. His latest catalog lists over 2000 types of radio, TV, transmitting, military, communications, industrial, etc. tubes in stock. All tubes are new-old-stock. Since new tubes are being added to stock continually, collectors should inquire when the tube they are looking for is not listed.

(Apex Tubes, continued)

packaging was even more important to sales in the 1920s than it is today. Apex tubes and boxes are illustrated on pages 9 and 11 of Fathauer's book. On page 10, a full-page Apex Audiotron ad says that these tubes are much in demand, and are offered with a full guarantee for the first time. Four tubes are listed, each for \$4: Types 201A, 199, 12, and 200.

According to George Fathauer and to our own research, little is known about the Radio Tube Corporation and its Apex Audiotron tube. Perhaps someone out there has more to add to this story.

(A.R.C., P.O. Box 2, Carlisle, MA 01741; George A. Fathauer, 116 N. Roosevelt, Suite 121, Chandler, AZ 85226)



PHOTO REVIEW

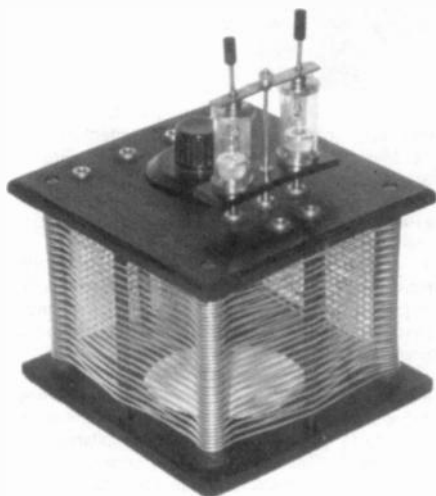


This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection.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



RADIALAMP HORN SPEAKER –

This decorative library table lamp has a horn speaker inside the tapered, cast-bronze stem and a driver at the bottom of the base. It was manufactured by the Radialamp Co., 5th Ave., New York City. The idea was that the sound was enhanced by the warm air surrounding the bulbs at the metal tone deflector inside the 15" diameter shade. It has 2 frosted, antique, 15-watt bulbs and measures 18" tall. (Dave Crocker – Mashpee, MA)



BALTIC CRYSTAL SET – This Swedish crystal set has a unique, plug-in, double detector with a 3-pin connector. The set, made in 1925, tunes with a variable plate tuning condenser. The Baltic receiver is quite rare, as I have never seen another exactly like it. (Erwin Macho – Vienna, Austria)



R.I. TYPE V3A – This 3-tube (valve) receiver was manufactured by Radio Instruments, Ltd. of London. Slots in the lid cover allow the binding post wires to stay attached with the cover closed. (Jim Taylor – Bournemouth, England)

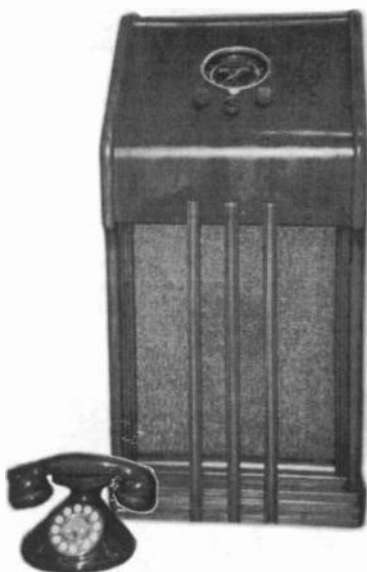
PHOTO REVIEW



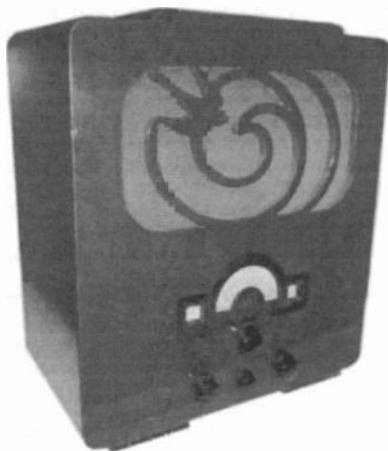
PHILCO MODEL B-127 – This unique television set, produced from 1969 to 1971, was manufactured by Philco of Brazil. It has a 23-inch black and white picture tube and a cabinet with a strange shape. (*Alceu Massini – Sao Paulo, Brazil*)



MICROPHONE RADIO – This 5-tube microphone-style set has the speaker mounted in its base. Most of these radios operated on a fixed frequency, which was the same frequency of the call letters shown on the top of the radio. This set, however, has a normal tuning condenser, with the knob on the back of the square cube. When this radio was found in 1988, KDEF was located in Albuquerque, New Mexico, but at the 1150 frequency. The station owner at that time stated that no one at the station remembered being at the 1280 frequency shown on the radio. The FCC advises that the KDEF call letters are not currently assigned. (*Victor Marett – Miami, FL*)



SMALL CONSOLE, MANUFACTURER UNKNOWN – This floor model radio is only 27" high, but it looks huge next to the telephone shown beside it for scale. I don't know the manufacturer, but I'm sure it is not a Philco. The dial scale has "Baby Grand" imprinted on the face. Can anyone out there identify this radio? (*H.B. McMahan – Tyler, TX*)



ECHO MODEL 348 – This wooden table radio was built in France by GMR in 1933. Behind the nice cutout of a bird are two speakers. The set uses 8 tubes with (2) Type 47s in push-pull. (*Rian van der Weiden – Revere, MA*)

MEET & AUCTION REPORT

VRPS-AWA Convention & Auction Irving, Texas — October 29-31, 1999

REPORTED BY GEORGE AND MICHAEL POTTER

The Vintage Radio & Phonograph Society (VRPS) held its 24th annual convention October 29-31, 1999, at the Holiday Inn Select, DFW South, Irving, Texas. Of the 360 total attendees, 228 were member registrations. Each registered person received an embroidered cotton cap commemorating our 25th year. VRPS celebrated this 25th anniversary with two large sheet cakes, each emblazoned with the club's logo in color. Both an RCA Radiola 18 with speaker and an early Columbia phonograph were given away as preregistration prizes.

Two technical sessions were scheduled. George Potter presented the first on the history of the Watterson Radio Manufacturing Co. of Dallas, Texas. The second session, presented by Robert Olinger, was on antique radio and television collecting and the Internet.

Quite often a VRPS family member or spouse will be active either in bidding or in attending a technical session. This was most evident in the packed to capacity auction rooms. Four auctions were scheduled: a tube and paper auction, the Friday night auction, the Saturday silent auction and the main Saturday auction. Each of the auctions was completed on time, with all guaranteed items brought up for auction, as well as approximately 98 percent of the nonguaranteed items.

Here are the results: total items sold — 841; total passed items — 91; total dollar amount — \$55,351.50! After the auctions, checkout was about as fast as possible with 80-plus buyers waiting. We utilized two laptop computers with a custom program and a high-speed laser printer. Our treasurer used two people to receive and disburse money and two people to handle any



Michael Sherman, the official auctioneer for VRPS, was assisted by Jim Sargent. Both individuals did a great job in moving the items along.

corrections or problems. In addition, we had 12 people to escort buyers and to help find their purchased or passed items.

During the auction VRPS used two large video displays for the audience and one smaller CRT for the auction and set-handler staff. We do not move large bulky consoles anymore; instead, we

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



This 1934 Model 411 Emerson Mickey Mouse radio with non-original top sold for \$700.



Ray Richardson won 1st place with his Model A Standard Talking Machine.

utilize remote cameras to view the large quantity of radio consoles, phonographs and boxes of tubes. A large wall partition separates the audience from the equipment, thus allowing full concentration on the items up for sale. Verification of equipment condition comes from two people independent of computers and experienced in a good cross-section of equipment from early sets to late transistors. Phonographs, books and tubes are included.

VRPS had 78 entries in the old equipment contest with 60-plus awards given. The "Best of Show" and the "President's Award" went to Blake Dietze for his outstanding display of Zenith Royal 500 transistor radios in a nice shadow box display.

The final event on Saturday was the annual Awards Banquet. The room was filled to capacity, with no additional tickets available. The Houston Vintage Radio Association (HVRA), which had just celebrated its 20th anniversary this year, honored VRPS for its 25 years as a club. Chevie Crandell, VRPS past President, was honored for his 15 years service, as was E.G. Crandell, Chevie's wife. We also recognized four charter members of VRPS.

We were pleased to have fellow Texan and A.R.C. publisher John Terrey as our 25th Anniversary guest speaker. John discussed in detail A.R.C.'s current activity on the updated Web site and what the future holds for the hobby.

Fortunately, a time change occurred and we all had an extra hour of sleep, before the indoor flea market started at 7 A.M. on Sunday. The buying, selling and trading was fast and furious, and the last person out at 11 A.M., turned off the lights.

Highlights of the four auctions included an early Mickey Mouse radio selling at \$700; an Atwater Kent Model 206 cathedral radio at a whopping \$475; an Edison Gem phonograph with original horn and extra cylinders at \$500; a Mu-Rad Triplex at \$150; an RCA Radiola 140 Gothic-style tombstone in excellent condition at \$425; and an RCA Victor R-13 tombstone at \$410.

An RCA Radiola 32 superhet console sold for \$475; a Scott All-Wave console for \$475; a Hopalong Cassidy Arvin for \$275; and a Western

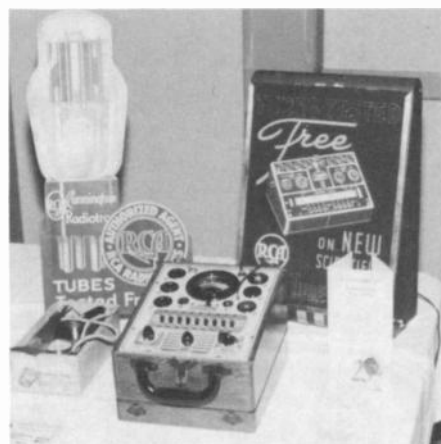
Electric 205E tennis-ball tube for \$95. Three notable passes included a Grebe CR-9 (\$500 min.); an RCA Victor 74B microphone (\$600 min.); and a Philco 19 restored cathedral (\$165 min.).

The following list of items is a combination of all separate auctions. Accuracy of identification and condition is not guaranteed. An asterisk (*) indicates that the set is a "gold star" guaranteed by its owner to work perfectly and to have been restored. It also could be returned if the buyer was not satisfied.

e=excellent, vg=very good, g=good, p=poor, f=fair, *="gold star" guarantee, N.O.S.=new Old Stock, wk=working, nwk=not working, WT=with tubes, NT=no tubes, BB=brass-based, TT=tipped top

Admiral 69C108, g	\$24
Air Castle 540, Bakelite, g	45
Air King 810, clean, wk, vg	80
Air King A425, *	30
Airline 15GCB, vg	40
Airline 17A80 console, g	20
Airline 62-352, g	90
Airline 62-368 Tele-dial, vg, *	100
Airline 62-425, g	35
Airline 64WR-1512A, white, f	15
Airline 93W6-601, Deco, Bakelite, g	50
Airline 94BR1535A, g	20
Airline 305 farm set, g	30
Airline 1219-B, 8-transistor radio, g	10
Airline GZ455, wk well, g	120
Airline WD1635, *	25
Airline WG24 tombstone/cathedral, wk, vg ..	140
Amplical Intercom Master	24
Arbophone, w/speaker	160
A.R.C. 1985, 1989	25
Arvin 61R58, wk, vg	20
Arvin 62R49 Sportsman portable, g	15
Arvin 71-A, white, g	65
Arvin 451-TL, g	20
Arvin 502, white, metal, g	55

(Continued on following page)



Entered in the contest in the category of "Pre-1950 Tube Testers" was this fine display of equipment as well as some original dealer signage.

Arvin 760T, white, g	15
Arvin 45280-1	15
Arvin Hopalong Cassidy, vg, *	275
Arvin transistor radio, ca. 1962	25
Astatic D-104 Silver Eagle microphone, e	70
Astatic microphone, w/stand, (2)	20
Atwater Kent 30, NT, p	45
Atwater Kent 33, in Pooley cabinet, vg	150
Atwater Kent 36, NT, f	40
Atwater Kent 37, metal box, WT, f	60
Atwater Kent 40, metal box, f-g	50
Atwater Kent 40, metal box, WT	45
Atwater Kent 40, metal box, WT, g, (2)	55, 70
Atwater Kent 40, WT, metal box, g	55
Atwater Kent 44 secretariat console, 1927, g ...	140
Atwater Kent 44, w/speaker, WT, g	130
Atwater Kent 47, WT, f	75
Atwater Kent 55, w/F-2 speaker, wk, vg	160
Atwater Kent 89 console, nice	325
Atwater Kent 145 tombstone	110
Atwater Kent 145, f, *	65
Atwater Kent 206, original, vg	475
Atwater Kent 944, restored, wk, nice	180
Atwater Kent cabinet, w/speaker, g	50
Atwater Kent E2 speaker, g	35
Atwater Kent F2 speaker, g	75
Atwater Kent L horn, complete, f-g	220
Atwater Kent M horn, repainted, vg	120
Atwater Kent M horn, vg	120
Audiotronic schoolhouse record player, vg	25
Automatic 613, wood, vg	60
AWA Review, 1999	40
B&K 612 tube tester	20
B&K 700 tube tester	30
B&K dual-trace oscilloscope, wk well	60
BC 221 frequency meter, w/built-in AC supply ...	12
BC 457E, WE transmitter, f	20
Beitman '52-'55, '60, g	45



Antique Radio Classified's publisher John Terrey is seen conversing with a banquet attendee just after his talk on A.R.C.'s new Web site and current activities.



This Scott AllWave receiver in a beautiful console cabinet brought a high bid of \$475.

Beitman '57,'59,'60,'61,'66, g	45
Belmont 585 tombstone, g	70
Belmont 636, Bakelite, g	70
Belmont 705 console, f	20
Bosch 210, original, g	65
Bosch 505, g, *	50
Bosch 5A, f	55
Brømer-Tulley Counterphase, NT, g	50
Brunswick 5NO	70
Bulova 300, green, g	20
Calrad microphone, g	30
Calrad microphone, w/stand, g	35
CBS tubes advertising clock, g	110
Clapp-Eastham, Radak R-4, f-g	120
Coronado 43-8190 Plaskon, vg	425
Coronado 806A, wood, g	35
Coronado 907, vg	70
Corting 1007, Bakelite, unusual	20
Craftsman 800 tuner, nwk	45
Crosley 5M3 tombstone, p	45
Crosley 5M4 tombstone, vg	120
Crosley 6H2 tombstone, g	70
Crosley 9-212M console, w/phono, f	25
Crosley 10-135 dashboard, vg	150
Crosley 10-136E, 1950, g	80
Crosley 10-137, dashboard, g	65
Crosley 10-140 dashboard, green, vg	120
Crosley 11-101U Coloradio bullseye	240
Crosley 11-105U Coloradio, orange, vg	110
Crosley 11-19U, light blue	140
Crosley 12H console, g	140
Crosley 50, p	130
Crosley 51, WT, f-g	70
Crosley 52, WT, duds	90
Crosley 56TD, maroon, vg	80
Crosley 56TN, wk, vg, *	45
Crosley 56TU, white, vg	50
Crosley 124 cathedral, g	85
Crosley 125 cathedral, vg	100



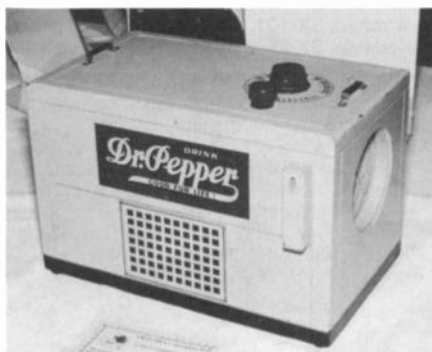
This beautiful 6' x 4' oil on canvas painting with a phonograph theme sold for just \$350. Its interesting to note that this painting is quite similar to the one the Italian artist Pompeo Massani did for the Edison Co. for one of its early ads. This can be seen on page 151 in "The Talking Machine, an Illustrated Compendium" by Fabrizio & Paul.

Crosley 127 10-tube tombstone, g	110
Crosley 157 cathedral, g, (2) *	180, 190
Crosley 516 tombstone, f	70
Crosley 715, tombstone, wk, g	160
Crosley 9120N, red, f-g	50
Crosley Coloradio, bullseye, white g	90
Crosley Coloradio, bullseye, e	80
Crosley D-10-CE, vg	100
Crosley D-25-WE dashboard, wk, vg	200
Crosley D-25-CE, g	140
Crosley Dynacone F, bad cone, good driver, p	15
Crosley E-15-CF, 1953, lime green, vg	60
Crosley Fiver Jr, vg, *	75
Crosley Gembox, metal box	45
Crosley metal sign, e	130
Crosley/DeForest 3R3, Canadian, vg	75
Delco 1109 console, g, *	95
Delco R1234, AC, white	36
Deluxe 1731, chrome front, g	55
Dynaco 343X amplifier, g	50
Edison cylinder records, (7) 2-min, (13) 4-min, f	110



In the contest was this beautiful 1935 Emerson Model 42 in an Ingraham cabinet.

Edison cylinder records, 2-min, clean, (6)	45
Edison Gem A, orig. hom, w/cylinders, vg ...	500
Edison phono oil painting, e	350
E.H. Scott Allwave 15, in beautiful cabinet ...	475
E.H. Scott Allwave Imperial, w/phono, vg ...	425
Eico HF50 amplifier, g	40
Electro-Voice 631 microphone, no stand	110
Electro-Voice 664 microphone, w/stand, vg ...	60
Emerson 34C tombstone, vg	80
Emerson 117 butterfly radio, g	110
Emerson 149 farm set, toaster style, g	45
Emerson 511, gold front, g	35
Emerson 539, f, *	20
Emerson 541, g, *	20
Emerson 610A, maroon, g	45
Emerson 646, maroon, *	34
Emerson 646, maroon, cracks, f	10
Emerson CG318 table	100
Emerson DS436, Ingraham cabinet, e	150
Emerson Kadette, f	40
Emerson Mickey Mouse radio, repro top	700
Emerson Model 522, Bakelite, vg, *	40
Esquire 19736 clock radio, f-g	20
Fada 160 chassis, nice	100



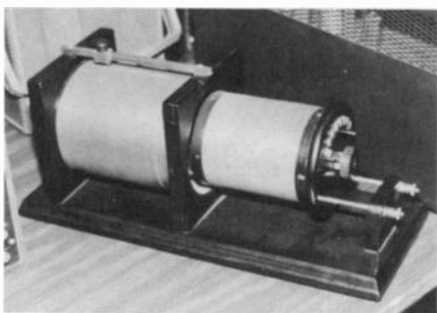
This unique Dr. Pepper radio in green color was seen on display in the contest.

Fada 175A Neutrodyne, g	45
Fada, Plaskon, white	125
Fansworth ET067, wood, vg	30
Famsworth ET065, white Bakelite, g, (2) ...	45, 50
Famsworth GT051	35
Federal 1030, 1946, g	35
Firestone S7403-9, vg	140
Freshman Masterpeice TRF kit parts, N.I.B. ..	100
Garod 5A1, f	40
GE 81, f	35
GE 321 table, wood, f	17
GE 600 table, maroon	30
GE A-63 tombstone, f	65
GE A-83 tombstone	10
GE dealer Clock-TV/Radio Service sign, vg ...	230
GE F96 console, f-g	45
GE GD60, g, *	100
GE H620, brown Bakelite	75
GE H634 table, 1939, g	30
GE HJ-1005 console, f	55
GE tube caddy full of TV tubes - N.O.S.	25

(Continued on following page)

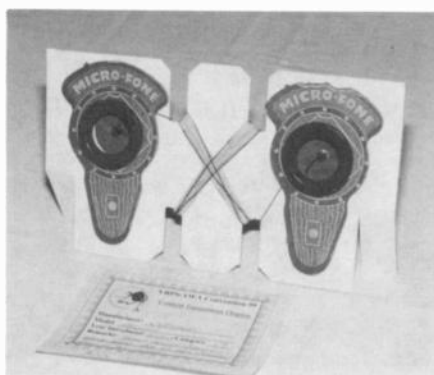
(VRPS Meet & Auction Report, continued)

GE tube caddy w/N.O.S. tubes, (2)	30, 35
GE TV, w/stand, 1956	20
GE YRB60-2 table, *	25
GEF-96 console, wk, g	130
Geiger counter	50
General Radio 512 piano radio, g	170
Githens hom driver (Trustone radio hom), vg	230
Globe Champion ham radio	25
Gloritone 27 cathedral, f	80
Goodyear 015060, g	45
Graybar 310, WT, vg	90
Grebe Synchrophase MU-3, g	140
Grundig 3010, 220v, wk, vg	120
Grunow 580 tombstone, g	75
Grunow 1191 console, vg	170
<i>Guide To Old Radios, 1st Ed.</i>	25
Guild 785 gramophone, wk, g	45
Hallcrafters 5R20, 1950s, f	18
Hallcrafters 51C2	20
Hallcrafters Continental, f	35
Hallcrafters HT-32 transmitter, g	60
Hallcrafters S-120	20
Hallcrafters S-40B	26
Hallcrafters S-51, hums, f-g	25
Hallcrafters SX-100, f	60
Hallcrafters SX-101, w/manual, wk, g	95
Hallcrafters SX-25, w/matching speaker, vg ...	180



This extra-nice, factory made loose coupler of unknown manufacture garnered \$200 at the auction.

Hallcrafters SX-62, recapped, g	210
Hallcrafters TW-1000, missing 1 tube	30
Hammarlund HQ-25, w/speaker, f	55
Harper, red, small, wk well	25
Home brew crystal set, w/meter, vg	260
Home brew crystal set, w/Brandes headset, g ...	100
Heathkit TC2 tube checker	20
Heathkit Warrior kilowatt linear amplifier	50
Hewlett Packard 202C audio oscillator, g	30
H.H. Scott 121-C preamp	75
H.H. Scott 344C receiver, g	45
H.H. Scott 800B amplifier	20
Hickock 534B tube tester, e	45
Hickock 1605 multimeter, g	40
<i>History of GE, book, e</i>	45
HV crystal set, e	140
I-177 tube tester	35
Jackson Bell 62 swan, restored, vg	250
Kapsch Juwel UKW Austrian set, g	60
KCRS transistor advertising radio, in box	35
King battery set, WT g	75



In the contest equipment display was this toy, hand-held Micro-Fone communicator connected by string.

Kolster K110, wk, vg, *	230
L. Tatro 32-volt console, f	50
Lafayette KT200 receiver, g	70
Lafayette, AC/DC, wood, g	50
Leningrad Russian radio, vg	70
Loose coupler, factory-built	200
LR Dooley SW set	55
Magnavox GR190 chairside, p	35
Magnavox R3-D hom speaker, g	80
Magnavox T battery set, g	60
Majestic 461 tombstone, f-g	80
Majestic B eliminator, e	30
Majestic 5A410, Deco, g	50
Majestic 5LA7, e	40
Majestic 20 tombstone, 1932, g	70
Majestic 44 Duo Chief, g	110
Majestic 51, brown Bakelite, f	35
Majestic 90, NT, g	75
Majestic 90B, NT, p	55
Majestic 200 tombstone, wk, vg, *	170
Majestic M71 highboy, w/speaker, f	50
Mantola 11-701, repainted, g	20
Mantola R454 table set, wk, clean	40
Meissner 8C, FM tuner, g	20
Meissner signal shifter	16
Meissner AM/FM tuner	20
Military I77-B tube tester, g	75
Military BC348, g	20
Minerva Tropic Master, rough	40
Mitchell Lullaby, brown, f-g	45
Mitchell Lullaby, white, vg	40
Monarch 320, Bakelite, g	24
Motorola 5T tombstone, vg	160
Motorola 50XL, brown, *	22
Motorola 56R, red face	40
Motorola 56W, g	20
Motorola 63C, clock wk, radio nwk, f	17
Motorola 65L1, w/battery	20
Motorola suitcase portable, e, *	80
Mu-Rad Triplex, scarce, p-f	150
Music Master square wood speaker, vg	85
National SW-54, g	80
Northern Electric B4000, f	50
Oilers helmet radio, g	30
Peerless cathedral speaker, e	65
Peerless speaker, large, p	30



This Atwater Kent Model 206 cathedral in very good original condition brought an amazing \$475 bid in the auction.

Philco 18 console, Deco, g.....	180	Philco 89, good shape.....	90
Philco 37-50, p.....	65	Philco 517, original finish, wk, f-g.....	50
Philco 37-60 cathedral, f.....	95	Philco 625 tombstone, tube missing, g.....	60
Philco 37-610, vg, *.....	65	Philco 4095, w/converter, vg.....	65
Philco 38-34 tombstone, p.....	40	Philco F-10 speaker, f.....	60
Philco 38-7, restored, refinished, e.....	120	Philco H834-124.....	20
Philco 40-115, wood, g.....	45	Philco PT-2, g.....	25
Philco 40-130, g.....	120	Philco Safari TV, brown, f.....	75
Philco 40-150, g, *.....	90	Philco Safari TV, f.....	60
Philco 40-150, slant front, nice.....	80	Philco T9125 Trans-World, 1959, vg.....	75
Philco 40-150, vg, *.....	70	Precision 660 tube tester.....	20
Philco 40-180 console, g.....	95	<i>Radio Girls Of Roselawn</i>	35
Philco 40-180 console, wk, g.....	130	<i>Radio Listeners Guide</i> , 1937, g.....	10
Philco 40-90, f.....	20	<i>Radio World</i> , 1930s, (3), g.....	10
Philco 41-125, wk, g.....	45	<i>Radios Redux</i> , <i>Radio Golden Age</i> , new.....	10
Philco 41-290 console, f-g.....	100	Raytheon tube caddy full of tubes.....	35
Philco 42-221 farm set, g.....	25	RCA Radiola 17, WT, f.....	110
Philco 42-380, g.....	90	RCA Radiola 18 table, W100A speaker, vg.....	160
Philco 42-1201 radio/phono, f.....	80	RCA Radiola 28 stand, loop, vg.....	100
Philco 42-KR3, white, wood, vg.....	50	RCA Radiola 32 console, original, nice.....	475
Philco 46-350 portable, w/sliding front, f.....	25	RCA Radiola 33 w/stand and speaker, g.....	120
Philco 46-420, modified, f.....	32	RCA Radiola 60 table speaker, vg.....	150
Philco 48-200, Bakelite, off-white, f.....	30	RCA Radiola 60, w/manual, WT, vg.....	110
Philco 48-214, wood, vg.....	55	RCA Radiola 100 speaker, f.....	32
Philco 49-420, g.....	40	RCA Radiola 100 speaker, nwk, nice.....	70
Philco 49-901, black, g.....	60	RCA Radiola 100A speaker, f, g, (2).....	30, 35
Philco 49-901, green, g.....	40	RCA Radiola 100A speaker, wk, vg, (2)....	50, 80
Philco 49-1100 console, f.....	65	RCA Radiola 103 speaker, f-g.....	55
Philco 51-530, 1951, f.....	10	RCA Radiola 103 speaker, f.....	85
Philco 51-632, f-g.....	20	RCA Radiola 104 speaker, f-g.....	60
Philco 51-932, f-g.....	15	RCA Radiola 106 speaker, good fabric, g.....	60
Philco 52-548, Bakelite, f.....	24	RCA Radiola 140 tombstone, e.....	425
Philco 54, g.....	55	RCA Radiola AR-812 portable, NT, f.....	40
Philco 60 cathedral, clean, g.....	80	RCA Radiola AR-813 superhet, NT, g.....	110
Philco 60, wk, g.....	95	RCA Radiola III-A, nice, NT, vg.....	100
Philco 62 cathedral, vg, *.....	90	RCA Radiola UZ-1325 hom, (2), g, vg....	100, 140
Philco 70 cathedral, original finish.....	210	RCA Radiola UZ-1325 hom, p.....	85
Philco 70 cathedral, restored, vg.....	290	RCA Victor 2XF91, g.....	30
Philco 84 cathedral, g.....	65	RCA Victor 1MBT6 portable.....	45
Philco 89 console, g.....	65	RCA Victor 3BX671 Strato-world portable, vg....	140
		RCA Victor 6RF9, AM/FM, vg, *.....	25
		RCA Victor 8BX6 AC/DC aluminum portable, vg, *.....	40
		RCA Victor 8T02, nice.....	70
		RCA Victor 9TC275, 16" TV.....	20
		RCA Victor 9T270 console, TV, f.....	5
		RCA Victor 9X572, mustard color, g.....	25
		RCA Victor 16-5, wood, recapped, g.....	45
		RCA Victor 27K console, g.....	110
		RCA Victor 45 record player, (2).....	10, 12
		RCA Victor 45-rpm phono.....	30
		RCA Victor 45X11, 1940, g.....	24
		RCA Victor 46X23, wk, vg.....	45
		RCA Victor 54B1 portable, alligator case, g....	55
		RCA Victor 54B1 portable, 1946, f.....	24
		RCA Victor 54B3 portable, f.....	10
		RCA Victor 65X1, Bakelite, f.....	20
		RCA Victor 75X14, 1948, g.....	10
		RCA Victor 75X15 table, woodgrain, g.....	35
		RCA Victor 86T, f.....	20
		RCA Victor 86T3 tombstone.....	45
		RCA Victor 118 tombstone.....	85
		RCA Victor 119, p-f.....	45
		RCA Victor 222 console.....	95
		RCA Victor 811K console, f-g.....	95
		RCA Victor 811K console, WT, (11), f.....	90
		RCA Victor 813 console, NT, p.....	50
		RCA Victor B-411 portable transistor radio, f.....	12

(Continued on following page)



This 1933 Grunow Model 501 with chrome trim was in pristine condition for display in the contest.

RCA Victor BT42 farm set, f.....	20
RCA Victor BX6 portable, f-g	24
RCA Victor lighted multimeter sign, g	65
RCA Victor R-13 tombstone, e, *	410
RCA Victor R-7 tombstone, nice	160
RCA Victor T8-14 tombstone, f	35
RCA Victor tube caddy, w/N.O.S. tubes, g, (2).....	25, 30
RCA X551 table	10
Rider 7,8,9,10, f-g	50
Rider 18,19, g.....	60
Rider 20, 21, g.....	55
Rider 1-5 abridged, g	20
Rider 9, g.....	25
Rider 11, 12, 14, g.....	25
Rider 15, g.....	20
<i>Sams Red Book</i>	15
Schafa Chinese, painted red, e	50
Schlitz beer barrel radio, g	22
Sears 22-071 micro chip radio, g	10
Sentinal 309, stylish home brew wood cabinet, g ..	50
Sentinel 400 TV	70
Sentinel book radio	180
Silvertone 60-16, Bakelite, g	45
Silvertone 132-877, Bakelite, wk, vg	20
Silvertone 198-2A tombstone, g	60
Silvertone 1720 console, WT 45 (4), g	65
Silvertone 2016, AM, f.....	16
Silvertone 3141, Bakelite, f	30
Silvertone 4500, *	50
Silvertone 6050, metal grille, vg	40
Silvertone 6120, g	50
Silvertone 6200A farm set, f	20
Silvertone 132804 midget, small crack, f	24
Silvertone M8004, metal case, f	20
Silvertone Model 1, 1950, g	18
Silvertone World's Fair, 1934, vg	90
Silvertone, WT 201-A (5), wk, f	75
Skyrover 9002N, g	10
Sonochord speaker, nice!!	120
Sonora, RBU-175, white, *	32
Sony ICF-5900W shortwave, g, (2)	30, 75
Sony 8-301A transistor TV	170
Sparton 5A7, small crack	20
Sparton 538 tombstone, clean, g	120
Sparton horn, small, e	220
Stamper 170 early kit set, NT, g	50
Stewart-Warner 01-6K, wood, wk, g	20
Stewart-Warner 03-5E1, g	65
Stewart-Warner 016GZ, f	20
Stewart-Warner 525, WT, wk, *	85
Stewart-Warner Porto Baradio, no glass, f-g ..	20
Stewart-Warner, Ingraham cabinet, g, *	110
Stromberg-Carlson 370 12-tube console, f	120
Stromberg-Carlson 1400, g	90
Stromberg-Carlson 230H, deluxe, g	120
Stromberg-Carlson 500-H, Bakelite	40
Stromberg-Carlson 201 amp & microphone ..	25
Stromberg-Carlson 335H, g	110
Stuart-Warner B51T2 Air Pal, vg	80
Sylvania tube caddy, w/N.O.S. tubes	30
Teac reel-to-reel tape player, vg	75
Technics 8-track tape deck	20
Telefunken hi-fi stereo	25
Temple 56 drum horn speaker, f	60
Temple F616 table, g	35
<i>The Tube</i> , book, new	10
Tiny Mite display, cardboard, N.O.S, g	160

<i>Tom The Telephone Boy</i> , book	30
Tower Meistersinger horn speaker, p	85
Trav-Ler 50, white, f	20
Tropicana transistor radio, wk well	10
Truetone D731, f	35
Truetone D941B, brown Bakelite, g	30
Truetone D2017 Boomerang, white, vg	85
Truetone D2611, g	45
Truetone D2815, brown, f	25
Truetone D2919, g	10
Truetone E2002, AM/FM, f	10
Truetone Plaskon, white, e, *	350
Truetone D731, vg	55
Tube(s): Audion, Shaw base, open fil	20
Tube(s): 01-A, BB, TT, rainbow, g	40
Tube(s): 01-A, (2), g	35
Tube(s): 01-A, BB/TT, (2), g	30
Tube(s): 01A, globe, (4), g	50
Tube(s): UV 01-A, BB, g	30
Tube(s): 2A3, RCA, (4), test fair	45
Tube(s): 27, globe, (5), g	25
Tube(s): 45, (2), g	50
Tube(s): 4S1000 transmitting tubes, box lot ..	60
Tube(s): 45, (3), g	40
Tube(s): 45, (3), g	45
Tube(s): 45, and 127 blue, g	10
Tube(s): 71A, globe, (2)	40
Tube(s): 80, N.O.S., (5)	40
Tube(s): 120, w/socket, g	20
Tube(s): 151, 226, 226, blue, unk	30
Tube(s): 45, (5),	70
Tube(s): UV/UX 99, (5), g	40
Tube(s): UX 199, g	25
Tube(s): Vac-O-Bulb, tipped, dud	40
Tube(s): VT-25 QTY, (3), g	35
Tube(s): VT4C, large, (2)	10
Tube(s): VT52, (2), g	65
Tube(s): WD-11, no tip, ,g	90
Tube(s): WD-11, TT, g	65
Tube(s): WE 101F, tennis ball, g	35
Tube(s): WE 101M, (2), g	35
Tube(s): WE 102F, (2), g	35
Tube(s): WE 102L, (2), g	20
Tube(s): WE 205, dud	20
Tube(s): WE 205E tennis ball, g	95
Tube(s): WE 205E, g	95



Chevie and E.G. Crandell pose for the camera displaying their VRPS awards honoring his 15 years as VRPS President and her constant support of club activities.

Tube(s): WE 215E, dud	25
Tube(s): WE 328A (2), g	20
Tube(s): WE 329, (2), g	15
Turner U95 microphone, w/box, N.O.S.	110
Victor 48 console, g	150
Victor R-35, missing parts, p	75
Watterson coin-op, p	24
Watterson 4581, wood, small, g	40
Watterson L640, e, *	55
Western Model 377, wk, nice	100
Westinghouse Aeriola Sr. w/good WD-11, g	170
Westinghouse H, white Bakelite, vg	55
Westinghouse H188, g	16
Westinghouse H210, g, *	24
Westinghouse H398T5 clock radio, g	25
Westinghouse refrigerator radio, g	65
Westinghouse WR-170, g	25
Weston 774 set analyzer/tester, g	30
WLS Silvertone drum speaker, g	40
Wonder radio, w/digital clock, g	110
Woolaroc 3-5A table, black	60
Zenith G730W, wk, g	20
Zenith 4B31 tombstone, g	95
Zenith 4V31, vg, *	170
Zenith 5B23NK-N table, g	45
Zenith 5D0112Z, brown Bakelite	20
Zenith 5D312, curved front	100
Zenith 5D610W table, white	20
Zenith 5G03 clock radio, recapped, g	38
Zenith 5R126 cube, g	85
Zenith 5R312, Bakelite, vg	75
Zenith 5S139 chairside, f	170
Zenith 5S228, nice	130
Zenith 5S319, vg	140
Zenith 5S328 chairside, g	95
Zenith 6B128, converted to AC	160
Zenith 6D05, g	22
Zenith 6D410, brown Bakelite, 1942, g	50
Zenith 6D612, vg	30
Zenith 6D625, g	45
Zenith 6G001Y portable, AM, g	60
Zenith 6G05 white Bakelite, vg	65
Zenith 6G05, vg	20
Zenith 6J230	85

Zenith 6S027, wood, g	40
Zenith 6S351, missing parts, unk,	30
Zenith 6S527, 1941, g	55
Zenith 6S656 console, f	85
Zenith 7C02, AM/FM, f	10
Zenith 7E02, AM/FM, brown Bakelite, g	25
Zenith 7G01, AM/FM, f	20
Zenith 7G02, AM/FM, f	20
Zenith 7H820, AM/FM (old & new)	50
Zenith 7S363, wk, vg	280
Zenith 7S634R, wood, g	90
Zenith 8D617, Bakelite, g	32
Zenith 8G005 Trans-Oceanic, g	90
Zenith 8G005 Trans-Oceanic, wk, f-g	50
Zenith 8G005Y Trans-Oceanic, f	30
Zenith 8S30 tombstone, f-g	400
Zenith 8S154, vg	350
Zenith 8S661 console, 1942, f	75
Zenith 8S667 console, wk, g	160
Zenith 9S344 chairside, g	170
Zenith 9S367 console, vg	400
Zenith 10H571 spinet, vg	300
Zenith 10S363, 1941	190
Zenith 10S464 console, f-g	100
Zenith 52 console, vg	160
Zenith 1000 Trans-Oceanic, g	100
Zenith 1000D Trans-Oceanic, vg	90
Zenith 8946 console, f	65
Zenith B835E, blond finish, vg	25
Zenith C845 hi-fi, vg, *	20
Zenith D7000 Trans-Oceanic, w/manual, vg	210
Zenith G500 Trans-Oceanic, g	90
Zenith GD612, brown, wk well	26
Zenith H500 Trans-Oceanic, f-g	50
Zenith H500 Trans-Oceanic, g	60
Zenith H500 Trans-Oceanic, wk well, f	70
Zenith H503Y Trans-Oceanic	35
Zenith H511, round end, Bakelite, vg, *	55
Zenith H615Z1, recapped, g	26
Zenith HF1C845, AM/FM, g	25
Zenith J506C, plastic, 1960s, f	10
Zenith J615, recapped, g	22
Zenith K412, g	110
Zenith K510, brown, g	15
Zenith L500 Trans-Oceanic	30
Zenith L500 Trans-Oceanic, wk, g	65
Zenith L600 Trans-Oceanic, g, *	75
Zenith Parts & Service lighted sign, wk, g	80
Zenith porthole TV	45
Zenith Royal 500H transistor radio and case	45
Zenith S749E, brown Bakelite, f	85
Zenith T40AF portable, green, g	25
Zenith Universal AM, 1946, f	20
Zenith X733 clock radio, vg	20

Photo Credits: George Potter and John V. Terrey

(George Potter, 536 Drexel Dr., Lewisville, TX 75067-2974; Michael Potter, 629 Delaine, Corpus Christi, TX 78411)

For information on the Vintage Radio & Phonograph Society (VRPS), contact George Potter, P.O. Box 165345, Irving, TX 75016. VRPS publishes "The Reproducer" quarterly and "Soundwaves" monthly between quarterlies. Dues are \$13.50. The club holds monthly meetings, a spring auction, an annual convention, and summer swap meets.



RESTORATION TOPICS

Capacitors in Old Radios — Part 3 Mica & Electrolytic Capacitors

BY RAY BINTLIFF

In this third of a series of articles on capacitors, Ray Bintliff describes and illustrates some typical mica and electrolytic capacitors. Parts 1 and 2 appeared in the December 1997 and December 1998 issues. (Editor)

Paper dielectric capacitors were covered in Part 2. Now in Part 3, mica and electrolytic capacitors receive similar treatment. You may want to read Part 1 again to refresh your memory regarding the advantages and limitations of each type of capacitor — mica, paper and electrolytic.

MICA CAPACITORS

Most early commercially-produced radios and home brews used mica-dielectric capacitors similar to those shown in Figure 1. These capacitors were usually of the stacked-and-riveted type of construction, but some were housed in a molded Bakelite case. Some included clips for mounting grid leak resistors. Figures 2 and 3 show mica capacitors that use a less conventional form of construction. The "Faradon" capacitor, manufactured by Wireless Specialty Co., uses stacked construction but has a single rivet at its center as opposed to the 2-rivet types shown in Figure 1. The "Hilco," shown in Figure 3, uses an unusual round case configuration. Look Ma, no rivets.

No doubt, old radios and junk boxes will contain some other very different looking mica capacitors, but you get the idea.

Although their basic construction remained the same — a multilayered sandwich of metal plates and mica dielectric — the appearance of mica capacitors changed as manufacturing techniques advanced. Figure 4 illustrates some types of mica capacitors that you may encounter in radios starting from about the 1930s. The three capacitors on the right are from RCA radios. The capacitor at the top is of open construction and was in use from about the early to mid-1930s. The two capacitors below it are encased in molded rubber and date from about the late 1930s until the early 1940s. The top three capacitors on the left are typical of the cased micas to be found in radios from other manufacturers.

The capacitor shown at the bottom left is an example of a contemporary dipped mica capacitor. These encapsulated components offer improved

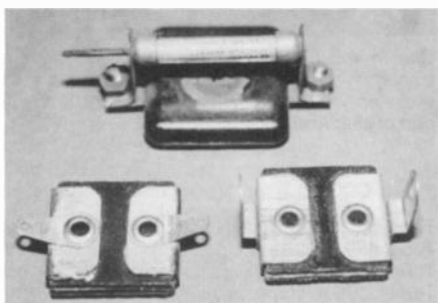


Figure 1. Three examples of early mica capacitors: From left to right: a 0.006 mF of open construction; a 0.002 mF with clips for mounting a grid leak resistor, and a Micamold brand molded case capacitor with a grid leak in place.

moisture proofing and protection from an adverse environment. They are excellent replacements for defective capacitors in old radios.

Mica capacitors are reliable components with a much lower failure rate than paper or electrolytic capacitors. But do not make the mistake of assuming that all of the micas in a radio are OK (they do fail sometimes).

IS THAT A MICA?

Just when it all seems clear, up jumps Murphy! Unfortunately, there are some wire-wound resistors that come in molded cases and look much like micas. Worse yet, they carry the *Micamold* brand. One example is shown in Figure 5. The resistors can usually be identified by their shape (their length to width ratio is much greater than micas).



Figure 2. This "Faradon" mica capacitor carries patent dates ranging from 6-12-17 to 9-15-25.



Figure 3. This "Hilco" mica capacitor has a very colorful label, and its round case is unusual.

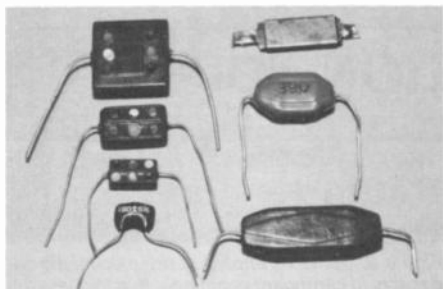


Figure 4. These examples of mica capacitors from RCA and other manufacturers are described in the text.

ELECTROLYTICS

Electrolytic capacitors provide large values of capacitance that are impractical in paper or mica form. Early AC-operated radios use paper capacitors as DC power supply filters. These paper capacitors are physically large, but relatively small in terms of capacitance. The use of electrolytics enabled design engineers to reduce the weight and size of their radios and to obtain better filtering through the use of larger values of capacitance. The first electrolytic capacitors were of the "wet" type. An early can-type electrolytic capacitor is shown at the bottom of Figure 6. This type of capacitor was referred to as "wet" because the electrolyte was in liquid form. Shake one of those old units and you can hear the electrolyte slosh around inside the can (unless it has all leaked out). Figure 7 shows a bottom view of a wet electrolytic capacitor from which the electrolyte has leaked and dried. As the electrolyte leaks from the capacitor its capacitance decreases and



Figure 5. A molded wire-wound resistor that may be mistaken for a mica capacitor.



Figure 6. Two examples of can-type electrolytic capacitors: a wet type at the bottom and a dry type at the top. Note the nut and threaded base used to mount the capacitors.

hum develops. These wet units had to be chassis-mounted in an upright position. Although the cans that enclosed the capacitors were usually made of aluminum, copper cans were also used. Figure 8 depicts a wet electrolytic from a Philco radio. The capacitor has been removed from the can to show its internal construction.

The wet electrolytic was an improvement over paper filter capacitors and the "dry" electrolytic was another step forward. The term "dry" is misleading since it is not really dry. The electrolyte is in paste form. The paste can ooze out if a seal goes bad, but the dry electrolytic capacitor is a much more stable component. A typical dry electrolytic capacitor is shown at the top of Figure 6.

The development of the dry electrolytic brought changes in the capacitors' configuration. Although metal cans were still used, manufacturers began



Figure 7. An example of a leaking wet electrolytic capacitor.

producing capacitors that were packaged in cardboard, as shown in Figure 9. The tubular and rectangular cardboard containers gave designers greater flexibility. Now they could place electrolytics under the chassis and in any position.

Unlike paper capacitors, electrolytic capacitors must be wired according to their polarity. The can-type of capacitors uses the can as the negative terminal and a solder lug or wire lead as the positive terminal. In some radios, the negative lead goes to a B- connection rather than to a

(Continued on following page)

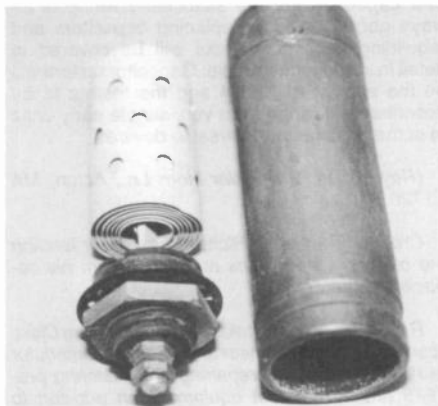


Figure 8. A copper, can-type, wet electrolytic capacitor from a Philco radio.

(Capacitors in Old Radios—Part 3, continued)

chassis ground. Then the metal can must be insulated from the chassis. Fiber insulating washers are used with nut-mounted cans while fish paper or a similar insulator is used with clamp-mounted cans. The insulated cardboard capacitors eliminate the need for such measures.

The early can-type electrolytics were single units, but soon cans containing two to four capacitors were being produced. Figure 10 shows a multisection electrolytic.

REPLACING CAPACITORS

It is a rare instance when all or most capacitors in an old radio are good. In my opinion, *all* paper capacitors should be replaced when a radio is repaired or restored. Most capacitors can be replaced in the time it takes to test them. There are exceptions, such as those "hard to get to" caps buried deep in the RF circuitry.

Replacements for paper capacitors are more reliable and much smaller in size than the original parts. Modern replacement capacitors are readily available and reasonably priced. Figure 11 provides a comparison between an old paper capacitor and a modern unit. The old unit's rating is 0.5 mF at 400 Vdc, while the new smaller unit is rated at 0.47 mF at 630 Vdc. The present-day replacements, which use plastic film as the dielectric, are self-healing. Typical voltage ratings are 400 and 630 Vdc.

Modern electrolytic capacitors are also much smaller than their old equivalents. Figure 12 shows modern electrolytics paired with their old equivalents. These smaller replacement electrolytics can easily be fitted under the chassis so that the radio keeps its old look above the chassis. Unfortunately, many old radios have gaping holes where can-type electrolytics were once installed. Good repair/restoration practice dictates that the old cans must be left in place to preserve the radio's original appearance.

A note of caution — do not wire the replacement electrolytic in parallel with the old capacitor. The wiring to the old capacitor's positive terminal must be removed and connected to the replacement capacitor. Adding a terminal strip to support the new capacitor and the associated wiring is always good practice. Replacing capacitors and rebuilding capacitor blocks will be covered in detail in some future article. Capacitor testers will be the subject of Part 4 and the testers to be described will range from very simple early units to some complex and versatile devices.

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

Credits: Thanks to Richard Foster for lending the old can electrolytics recovered from his capacitor cemetery.

Ray Bintliff, W1RY, holds an amateur Extra Class license. A retired engineer and frequent contributor to A.R.C., he enjoys repairing and restoring pre-1945 radios and test equipment. In addition to Amateur Radio, his interests include electronic equipment design and audio reproduction.



Figure 9. Some examples of dry electrolytic capacitors in cardboard containers that insulate the capacitor from the chassis. Note the multisection unit at the top left.



Figure 10. This "bottoms up" view shows a 4-section electrolytic capacitor.

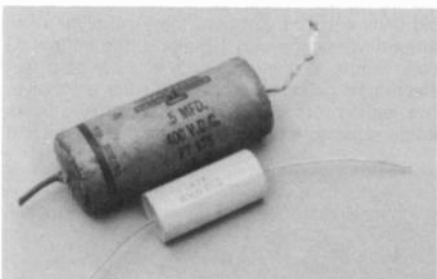


Figure 11. Modern capacitors with plastic film dielectric are much smaller than the old paper dielectric capacitors.

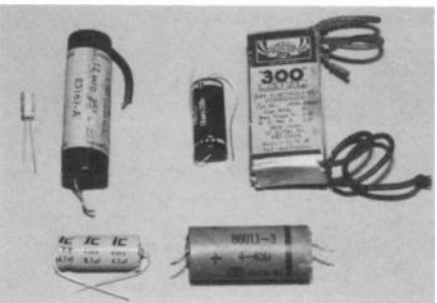


Figure 12. Modern electrolytic capacitors are very compact. Compare the modern capacitors shown on the left with their older equivalents on the right.

WITH THE COLLECTORS

More on RCA TV Service

BY ALTON A. DUBOIS, JR.

Wow! Did Ray Bintliff's article about RCA Service Company ring bells and blow horns for me. I was one of those field techs starting in 1948.

It all started when I was working for a small, two-man radio shop in Scarsdale, New York. I had just gotten my second class radio telephone license, and I had heard that RCA was hiring. I reported for an interview and after an electronics test, I was offered \$37.50 a week and guaranteed overtime. It was \$2.50 more than what I was making for six days and no overtime pay. So, figuring that it was a bigger pond than I was in, I accepted it.

When I reported to the Westchester, New York, branch, in Bronxville, New York, to my amazement, it was the same shop building where my father had been an auto mechanic in the 1930s.

My first assignment was with another man who had been with the company only a year or so longer than I. We had two antenna installations to do, and we completed them by 11:30 A.M. Then, after lunch, we spent the rest of the day reading the newspaper. I began to wonder what I had gotten into. After working 9:00 A.M. to 6:00 P.M. for six days a week, and no overtime, here I was "dogging it" on the job.

That changed right after the branch moved to White Plains. In no time, we had about 70 employees because Channel 13 had just gone on the air. We were running around like crazy, putting up Channel 13 antennas on old installations and even on some new ones.

One time, in Yonkers, New York, we were searching for a place for a Channel 13 antenna, and neither high nor low was good. Then, the roof guy dropped the antenna, and it landed on a small front door roof, pointing almost to the ground. There was a good picture. We screwed the antenna to the roof and ran a separate line to the antenna switch. Most of the antennas were coupled onto the larger one with a special balun and pointed slightly off center from the big one, because Channel 13 was broadcasting from New Jersey.

Later on, we ran all over Westchester County trying to get Channel 3 from Hartford, Connecticut.

MORE CHANNEL 13 PROBLEMS

A year or so later, we had another problem with Channel 13. Since it was the high frequency TV station at that time, the problem was moisture. The wooden cross arm that had two aluminum rods bolted next to each other with brass washers was susceptible to moisture and corrosion.

One incident that I recall involved a customer who complained that every time she flushed the toilet, Channel 13 and other channels would disappear! On checking, I found that Channel 13 was

O.K., but in examining the antenna, I noticed that it was mounted on a chimney, and the active elements were over the flue. Below it was a sewer vent pipe commonly known to us as a "stink pipe." I asked my helper to get a sprinkler can of water.

"What the hell do you need that for?" he asked.

I told him to go watch Channel 13. I sprinkled water on the antenna and he yelled, "It's gone!"

What had happened was that the soot from the chimney had coated the antenna elements at the washers, and when the fumes from the stink pipe came up, the antenna was soaked with moisture. Cleaning and relocating the antenna solved the problem.

THE MET LIFE PROJECTS

After a few years, I was offered a temporary transfer to "The Met Life Projects." Another fellow and I commuted to Metropolitan Avenue in the Met Life projects. We were later joined by several others from the Bronx branch.

We started to make surveys for the antenna positions on the Parkchester apartments, and to install master antenna systems using the high-gain amplifiers under the approval of a Met Life engineer who had very strict demands for antennas and the quality of reception. We acquired more men and proceeded to do the same in other Met Life projects that included Stuyvesant Town, Peter Cooper Village and Riverton in Harlem. The antennas we used were large Yagi individual channel antennas on a 10-foot pipe. We had many problems with reflections, including problems with Channel 13 as previously mentioned.

Five years later, I went back to the Westchester branch as a master antenna specialist. I could now do dB losses in my sleep!

When the company started telephone installations, I accepted a job in this new field. I spent hours racking my brain in telephone school at Maple Shade, New Jersey. We did a lot of telephone systems in Westchester, but I was sent back to Parkchester several times on temporary assignment. I made many friends that I still hear about through the RCA Retirees Club newsletter titled *Nipper News*.

(Alton A. DuBois, Jr., 67 Peggy Ann Rd., Queensbury, NY 12804)

Alton DuBois has been interested in radio since working for an engineer after school in the 1930s for 10 cents an hour. In 1948, he began working TV service for RCA, and he is a founding member of the RCA Retirees Club. His collecting interests include antique radios and clocks. He is the president of the Tower Clock Chapter of the National Association of Watch Clock Collectors.



RADIO MISCELLANEA

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

More on Raytheon Tubes

Dear Editor:

I have congratulated Phil Whitney on his interesting article about the labeling of Raytheon tubes in the October 1999 A.R.C. He mentioned that Raytheon occupied the plant used earlier by the makers of the famous Liberty airplane engines found on World War I bombers. I had never heard that story before. I wondered if that was the Lowell, Mass. plant formerly known as the Davis Aircraft Company. If not, where was this plant located and what was its name?

Phil's photo of the tube with "Raytheon" stamped on the metal plate inside the tube is very good. I have only one such tube in the Raytheon archives here in Lexington, Mass., and it is quite unusual.

One of the reasons the tubes were branded "Eveready Raytheon" was that National Carbon, owner of Eveready, signed an unpublicized option in 1929 to buy Raytheon for \$15 to \$19.5 million within a few years. The company agreed to invest \$500,000 to cement the deal, and Raytheon agreed to make a line of standard receiving tubes with half of them marked "Eveready Raytheon."

When I joined the company in 1935, National Carbon had let the option go in the early 1930s and never acquired Raytheon. By 1935, we were "private branding" many of our tubes with Philco, RCA, GE, Silvertone, Motorola, etc. No one tube company was able to tool up for all the tube types, as it was not economical.

Enjoy your magazine each month and circulate it to three people here at the Lexington plant.

Norman B. Krim, Archivist, Raytheon, Company, Lexington, MA

Who Was Ulysses A. Sanabria?

Dear Editor:

In response to the inquiry in the October 1999 A.R.C. about TV pioneer Ulysses A. Sanabria, I offer the following information: I am a graduate of the American Television Institute of Technology, which Mr. Sanabria founded. Enclosed is a copy of the commencement program for the class of 1952. U.A. Sanabria is listed as President and Founder, J.M. Sanabria as Vice-President, and H.N. Sanabria as Treasurer.

Others listed are Col. George Engelthaler, as Director of Training, Milton Goldstein as Dean, and Col. Paul G. Armstrong, and Park Livingston as trustees. None other than Dr. Lee De Forest is named as Director of Research. Perhaps some of these names can be traced and will lead to more information about U.A. Sanabria.

Donald G. Spencer, Burney, CA

Without A.R.C.

Dear Editor:

Our radio hobby wouldn't be as exciting or productive without your great A.R.C.

Bill Olson, Filer, ID

Con Auction Reports

Dear Editor:

I'm annoyed! Every issue has pages and pages of results of distant auctions. I couldn't care less that someone paid more than a radio is worth.

I would like to see more technical articles with information on restoration and articles on the history of sets. If anyone seriously wants a list of auction results, put it on your Web site. Don't take up the limited article pages.

Alton A. BuBois, Jr., Queensbury, NY

Unfortunately, we can't always please everyone. However, we always insure that our meet and auction reports include more than just prices. The November 1999 Rochester & Elgin Issue, for example, included 14 photos from a special Zenith Exhibit including three Zenith Stratospheres; one Stratosphere was shown in color on our cover. Numerous unusual and/or rare sets such as the Pocket Radio, Paragon RA-6, Victory-Grantone, Pierson radio, etc., were included among the 64 photos in that issue.

We also run these meet and auction reports to encourage collectors to attend these events where they meet and talk with other collectors and learn more about old radio, which we all enjoy.

By the way, auction prices are included on our web site. (Editor)

It's Not The New Millennium Yet!

Dear Editor,

I just saw the front cover of A.R.C. and the first sentence of your comments.

I am sure you must know that the 3rd millennium and the new century does not start until next year, 2001. Have you fallen for all the hype put out by the media, Madison Ave, and the computer people into believing the we are in the 3rd millennium now??

If A.R.C. were not somewhat of a historical magazine, I would not think too much about it, except that here is just one more organization going along with all the incorrect hype. It is disappointing to see A.R.C. fall in line with all the rest of the sheep.

I like history, and dates are important. The way I see it, by accepting the insertion of a "zero" year before year 1 A.D. which conveniently, although wrongly, makes year 2000 the first year of the new century and of the 3rd millennium is like trying to revise history. There was no "zero" year!

Oh well, I know my voice is just a feather in the wind. I am happy though that there are more folks out here such as myself that are trying to keep the truth alive and well concerning what century and millennium we are experiencing.

Allen W. Steiner, Burlington, KS

I guess that in a weak moment, A.R.C. succumbed to the millennium hype. See the "Editor's Page" in this issue for more comments. (Editor)



CLASSIFIED ADVERTISEMENTS



WANTED: RCA or Welch Scientific demonstration breadboard of superheterodyne receiver. Must be working. Art Sabin, 315 Plymouth, Chicago, IL 60604. (312) 987-1441. E-mail: 7sabin@jmls.edu

WANTED: Arvin metals, 12" Alnico speaker for 1940 GE console. Patrick Franzis, N10CJ, 235 Millville Ave., Naugatuck, CT 06770-3848. (203) 723-8976. E-mail: n10cj@arrl.net

WANTED: Antique demonstration, scientific apparatus, electrical and optical. Early microscopes. Allan Wissner, Box 102, Ardsley, NY 10502. (914) 693-4628. E-mail: wissner@bestweb.net

WANTED: 1941 Oldsmobile radio, complete & good cosmetic condition. Bill Johnson, 34 Springlake Pl. NW, Atlanta, GA 30318-1646. (404) 355-6308

WANTED: Radios by American Bosch. Table, tombstones or consoles (Model 18, 20-L) in vg condition. Repwood radios. Tom Ballard, 12 Wellington St., Shelburne Falls, MA 01370. E-mail: tomballard@fcs.state.ma.us

WANTED: Early 1920s EV-RA-LAB radio units, components. The Carlisle & Finch Co. headphones. George Freeman, 102 E. Main St., PH. Madison, IN 47250-3411. (812) 265-6878

WANTED: Antique quack medical, Electrotherapy, Diathermy, X-ray equipment. Wallplates, cabinets, shockboxes, made by Wappler, Thompson-Plaster, McIntosh, Liebel Flarshiem, Victor, etc. Dr. Albert Abrams E.R.A. devices (Oscilloclasts, Dynamizers). Spectrochromes (colored light projectors). Electropoise, Oxydonor, Oxyphator devices (chromed metal cylinders with wires attached). Magnetic belts brushes. Tesla, Oudin, induction coils. Please visit my web site at www.radiantslab.com/quackmed. Send picture/description or call. Mr. David Rickert, 2107 S. 5th St., Apt. 1, Arlington VA 22204-1931. (703) 486-2782. E-mail: rickertd@gdls.com

WANTED: Escutcheon for Dynaco SCA-35 integrated amp. Also Philco 60B, Crosley 66TA, Gloritone 26. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

WANTED: Tube hi-fi/commercial tube gear, Altec, Heath, Dynaco, McIntosh, Fisher, Scott, Marantz, Quad, Leak, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

WANTED: Several affordable 0-1 and 0-5 DC ammeters, both regular and 270° types. Prefer small, round, black face meters. No radioactive, luminous paint. Chris Cross, Box 68, Cedarville, IL 61013

WANTED: Book, My San Francisco Story Waterfront Wireless, by Johnstone, 1965, name your price. Jerry Simkin, 10 Avalon Ln., Matawan, NJ 07747. (732) 583-5196

WANTED: \$1,000 paid for certain 78 rpm records. For our illustrated wantlist, send \$2+ LSASE to Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389

WANTED: Rider's Perpetual Trouble Shooter's Manual Volume 3 in good condition. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

A.R.C. Advertising Policy
Sellers and Buyers, Please Note!

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

WANTED: General Electric K-64, RCA 121, or Westinghouse WR-37 cathedral radio. Mark Hewitt, 6659 Tipperary Trl., Roscoe, IL 61073. (815) 623-8729

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

WANTED: Unusual early transistor radios by General, Yaou, other stuff not listed in books. David Mednick, 10 Doe Dr., Wesley Hills, NY 10901-2302. (914) 354-5041. E-mail: davemed@acd-pc.com

WANTED: Vogue picture records. Phonograph advertising items: original advertising from Edison, Victor, RCA Victor. Needle tins, advertising featuring Nipper. Record brushes and dusters. Pocket advertising mirrors. Dealer trade cards, lapel pins, buttons, posters, puzzles, fans. Edison, Columbia, and any wax cylinder records. Phonograph toys. Toy wind-up phonographs. Thanks. Bernie Seiberg, 714 Moredon Rd., Meadowbrook, PA 19046-1907. (215) 886-6124. Fax: (215) 638-2265. E-mail: phonoman-bernie@worldnet.att.net

WANTED: Coca-Cola, Yogi Bear, Signal Corp. BC14-A, and other older crystal radios. Galen Feight, The Crystal Radio Guy, 3104 S.E. 20th, Portland, OR 97202. (503) 231-9708

WANTED: Plug-ins for HP140A, inner label for Freed-Eisemann NR-5. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (610) 367-0861

WANTED: Nice original speakers: 1941-42 Philco 860 ohm 12 inch; 1937 Zenith 1200 ohm 5 inch. Pilot light lens for 1941 Philco console 5/16" hole. Lawrence Golub, 102 Wild Plum Ln., Longwood, FL 32779. (407) 788-0117

FOR SALE: Reprints of early radio articles. Send stamp or check this web address: <http://www.rainybooks.com/reprints.htm>. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448.

FOR SALE/TRADE: Amplifiers, Eico HF12, Heath EA2, SA2, Craftsmen Solitaire C250, variac for ham gear. Joseph Bedlovics, PO Box 139, Stratford, CT 06615

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: Sentinel Model 4057 portable TV - \$175. RCA 1-X-53 green plastic radio - \$45. Jeff Gentry, 708 Locust Ave., Charlottesville, VA 22902-4913. (804) 979-0699

FOR SALE: Sams Photofacts. Send for list or call for those available. Thanks. Bill Olson, 4023 N. 2000 E., Filer, ID 83328. (208) 326-4962

FOR SALE: Red Arvin Hopalong radio - \$375. Visit internet web site: interestingoldjunk.com. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. E-mail: w2ioj@yahoo.com

FOR SALE: Philco 40-125 - \$65. Crosley 52TF - \$40. Silvertone 1017 - \$30. Motorola 52R - \$25. Herb Love, 6 Linda Ln., Pearl River, NY 10965. (914) 735-9172

FOR SALE: Last chance, moving: Panel meters - no lists. Receivers/transmitters prior to 1930. Ye Olde Meter Cellar, Leonard W. Cartwright, 879 Russet Dr., Sunnyvale, CA 94087. (408) 739-6025. E-mail: lencartwright@msn.com

FOR SALE/TRADE: Emerson 572 white Plaskon clockette; Philco 39-6 factory bone-white! **WANTED:** CaVac, Courier, Peerless. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knervins@tc3net.com



FOR SALE: Spruce up your Crosley radios! Now you can realistically connect Crosley receivers to their appropriate amplifiers with Crosley binding post connector straps (see photo above). Nicely made new stock: rolled steel with dull nickel-plated finish - \$3 ea. plus shipping. Sam Luscomb, 510 Virgo, Mission, TX 78572-6529. (956) 580-2474. E-mail: glassshard@acnet.net

FOR SALE: (2) Ampex recorder/reproducers in good operating condition (1 AG-354 tubes, the other is solid-state) with remote controls, (2) extra transport decks, (1) 19" vertical mounting rack on wheels, some extra parts and manual included - \$650. Marty Fleisher, 12 Zellers Rd., PO Box 123, Long Valley, NJ 07853

FOR SALE: Telephone amplifier. Adapt any telephone to hands free speakerphone operation, N.I.B. - \$10 plus shipping. Ralph Michelson, 4538 Golfview Dr., Brighton, MI 48116. (810) 225-9825

FOR SALE: Philco farm set, tombstone, 1933 - \$110. RCA 4-RC-84 wood shelf radio; works - \$45. Plus 18 more. Write for list. SASE. All plus shipping. Don J. Scher, 3705 57th Ave., Vero Beach, FL 32966

I buy Western Electric

"What do you want to sell me today?"



Chong Ong

Tel : (703) 255-3218
Fax : (703) 255-3718
e-mail : ongkt88@erols.com

10223 Valentino Dr. # 7304
Oakton, VA 22124



24th ANNUAL CC-AWA

"Spring Meet in the Carolinas"

Southeastern Conference of the Antique Wireless Association
hosted by the

Carolinas Chapter of the Antique Wireless Association Inc.

Thursday, Friday & Saturday
March 23, 24, 25, 2000
Charlotte, NC

Our 7th. year in the same GREAT location

- The Sheraton Airport Plaza Hotel -

I-85 @ exit 33, the Billy Graham Parkway

For AWA group rate make your reservations before Feb. 22
directly with the Sheraton AP Plaza call 704-392-1200 during business hours

**NO Buying, Selling, Trading, or Displaying of Merchandise
before 8am Friday March 24th.**

<i>Thursday, March 23rd.</i>	<i>Friday, March 24th..</i>	<i>Saturday, March 25th.</i>
12 noon, Registration Desk opens "Program Sessions"	7:00am, Registration Tent opens in rear parking lot	8:00am, Flea Market opens
2:00pm, Key Collecting	8:00am, Flea Market opens "LeMans Start"	9:00am, LAST CALL for Contest Entries
3:00pm, - TBA -	12noon, Check in equipment for Auction & Contest	10:00am, Contest Room closed for judging
4:00pm, CC-AWA Annual Membership Meeting	3:00pm, Equipment Auction	12noon, Annual CC-AWA Members Luncheon
7:30pm, Radio Restoration by, Stan Watkins	7:30pm, Reception in BR A&B View Contest Entries	1:00pm, Contest Room opens for viewing of awards
8:30pm, Restoration Forum		

Conference Fees	In Advance	At the Door
GENERAL ADMISSION -	\$10 each person	\$20 each person
VENDOR SPACE -	\$20 each space	\$30 each space
SATURDAY LUNCHEON -	\$12 each person, in advance <u>ONLY</u>	

Pre-Registration MUST be postmarked no later than March 13th.

We must have the name and address of each person attending the conference.
There are a limited number of vendor spaces, PLEASE Pre-Register.

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

To Pre-register or to request a conference brochure write to:

CC-AWA
POBox 3015
Matthews, NC 28106

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

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

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

FOR SALE: Civil German W.W. II radios DKE 38 with one German symbol - \$235. VE 301 DYN with (2) German symbols - \$290. VE 301 with German eagle - \$250. All include packaging and shipping by air. **WANTED:** Old motors and Bendix 526C radio. G. Faassen, Heideweg 1, 5953 T. L. Reuver, Holland. Fax: 0031-77-474-6683

FOR SALE: Rider's manuals 1-13. Sams Photofacts 1 thru 1500, approx. most in filing cabinets. Precision signal generator Model E-200C. Meissner analyst signal tracer. Electro Model BJ filtered power supply 6 & 12 volts for auto radio repair. Transvision coil tester. Hickok Model 670 scope needs repair. Hickok television video meter, Model 650. Amphenol CRT commander. Full set of RCA adapters for older RCA color TVs service work. RCA color bar, DOT, cross hatch generator #WRG4B. RCA mini color bar generator WR508B. Hundreds of brand new tubes in original boxes. Condensers, resistors, volume controls, transformers. Tube caddies, coils. No phone calls. Replies by mail only. Buyer must take all, no piecemeal. Pick up only - Best Offer over \$5,000. John Marona, Box 606, 32 Front St., Millbrook, NY 12545

FOR SALE/TRADE: New Sound of Music by Wolff & Jacobson (latest version) for a Douglas book or Shortwave Receivers by Osterman. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR SALE: DeForest D-7, D-10, etc. reproduction loop antenna, quality built - \$135 plus \$10 shipping. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. (919) 851-1517. E-mail: ekbell@mindspring.com

FOR SALE: GE-503 works, vg - \$150. Delco R-1230 ribbon grille - \$70. Gloritone 99 cathedral, works - \$200. Silvertone 1807 tombstone, missing knobs - \$50. Tom Ballard, 12 Wellington St., Shelburne Falls, MA 01370. (413) 625-8345. E-mail: tomballard@fcs.state.ma.us

FOR SALE: Oscilloscope tester; Hallicrafters S-38 receiver; Western Electric 301 BC amperes tester - Best Offer takes any/all. Gary Van Hoozer, 812 N. Third St., Tarkio, MO 64491. (660) 736-4528

FOR SALE: LSASE for 16 page list misc. SkyRover: BRC740 in wood cabinet - \$25. Channel Master 6 transistor, Japan, leather case - \$25. Zenith Royal 130 black, couple marks on front - \$35. Zenith R600L, 6R41 brown leather w/operating guide, orig. brochure, cabinet parts list, schematic diagram - \$250. Zenith 3000 slight rust on back side - \$150. RCA 9X561 - \$45. RCA 6RF9 - \$35. RCA Radiola 61-8 - \$45. Arvin 6640 - \$50. Lorenz Touring II portable - \$25. Sonora RDU 209, 229 - \$45. Airline 94-BR1535A - \$50. Clayton Vedder, 1037 Rt. 23A, Catskill, NY 12414. (518) 678-0475

FOR SALE: Air capacitors, transformers, publications. SASE for lists. Bill Riley, W7EXB, 863 W. 38th Ave., Eugene, OR 97405-2375. (541) 345-2169

FOR SALE: Sparton Ensemble Model 101, rare, expensive, radio-phonograph c. 1929, thirteen tubes, push-pull 26s driving push-pull 50s, heavy cast record changer, burl walnut cabinet in mint condition, original owners manual and service notes. Will consider trade on high end Victor Electrola. Paul Ciancia, 437 Sicomac Ave., Wyckoff, NJ 07481. (201) 569-8255, days. (201) 891-6842, eves.

VACUUM TUBES WANTED

(920) 208-0353

(All tubes are subject to testing and inspection)

WESTERN ELECTRIC:

VT-2 / 205A/B \$225 NOS, \$110 used
 VT-25 \$50 NOS, \$25 used
 VT-52 \$150 NOS, \$75 used
 101D / 101F \$175 NOS, \$100 used (TB)
 101D / 101F \$40 NOS (ST)
 102D / 102F \$175 NOS, \$100 used (TB)
 102D / 102F \$35 NOS (ST)
 205D/E \$425 NOS, \$275 used (TB)
 205F \$200 NOS, \$100 used
 211A/D/E \$300 NOS, \$175 used
 212A/D/E \$750 NOS, \$300 used
 216A / 217A \$175 NOS, \$90 used
 228A \$100 NOS, \$50 used
 231D / 257A / 281A / 349A \$50 NOS
 242A/B/C \$200 NOS, \$100 used
 244A / 249A \$25 NOS
 252A \$1100 NOS, \$650 used
 261A \$150 NOS, \$75 used
 262A Balloun / 275A \$90 NOS, \$50 used
 262B \$40 NOS, \$15 used
 264A/B/C \$30 NOS, \$15 used
 274A / 274B \$210 NOS, \$110 used
 274A / 274B \$250 NOS engraved base
 276A \$100 NOS

300A / 300B \$850 NOS (engraved base)
 300B \$550 NOS, \$275 used (1950-60's)
 310A / 311A \$20 NOS, \$10 used
 331A / 367A / 272A \$45 NOS
 348A \$80 NOS, \$40 used
 350B \$200 NOS, \$100 used
 345A / 352A \$25 NOS, \$13 used
 412A / 418A \$10 NOS
 417A / 420A / 5755 \$10 NOS
 421A / 422A \$35 NOS
 347A / 437A \$75 NOS, \$38 used
US & EUROPEAN TUBES:
 2A3 RCA \$42 NOS, \$20 used
 2A3 Single-Plate \$175 NOS, \$100 used
 10 Balloun \$70 NOS, \$35 used
 10 Balloun "Meshplate" \$100 NOS

112A Balloun \$25 NOS, \$13 used
 26/226 Balloun \$10 NOS, \$4 used
 45/245 Balloun \$60 NOS, \$30 used
 45 Balloun "Meshplate" \$110 NOS
 50 Balloun \$200 NOS, \$110 used
 50 Balloun "Meshplate" \$275 NOS
 71A Balloun \$25 NOS, \$13 used
 80/280 Balloun \$30 NOS, \$13 used
 211 RCA / United \$110 NOS
 800, 808 RCA \$40 NOS, \$20 used
 845 RCA \$200 NOS, \$85 used
 5691 Red Base \$18 NOS, \$10 used
 5692 Red Base \$18 NOS, \$18 used
 6550 Tungsol \$60 NOS (ST)
 7189A US Brands \$10 NOS
 7591A \$30 NOS, \$15 RCA used
 6L6GC RCA Black Plate \$30 NOS
 12AX7 Telefunken \$15 used
 12AX7 RCA \$8 NOS
 5AR4 Mullard \$35 NOS
 EL34 Mullard \$60 NOS, \$30 used
 EL37 Mullard \$60 NOS, \$30 used
 KT66 Genalex / Mullard \$70 NOS
 KT77 Gold Lion/GEC \$120 NOS
 KT88 Gold Lion/GEC \$150 NOS

TUBE WORLD, Inc.

2712 Superior Ave.
 Sheboygan, WI 53081
(920) 208-0353 Phone/Fax

Call, Fax, Write or Email for our
 detailed "Want to Buy List"
 Email: tekman@tubeworld.com

WANTED: Amateur Call Books from 1941 & 1946. Type 35 vacuum tube. Joe Janovsky, 407 Phillips Rd., Saugerties, NY 12477. (914) 246-2452. E-mail: w2ovf@ulster.net

Classified Ad Deadline Noon

Feb. 10 for Mar. 2000 Issue

Mar. 10 for Apr. 2000 Issue

Boxed, Photo, & Display Ads - 1st

WANTED: Small cathedral in good condition. Picture and details to: Ray Judd, 225 S. Riverside Dr., Ames, IA 50010. E-mail: jjudd@iastate.edu

WANTED: Old hi-fi/commercial horn speakers, Altec, JBL, EV, Jensen, Goodmans, Western Electric, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

WANTED: Pre-1925 equipment. Tubes, Grebe, DeForest, Murdock, AKent, in good condition. Marc Gottlieb, Box 1112, South San Francisco, CA 94083-1112. E-mail: mgottlieb1@excite.com

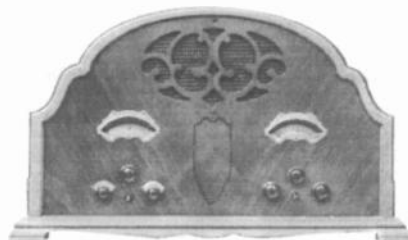
WANTED: Miniature and subminiature tube coat pocket size plastic radios. Dinged and blemished beauties also proudly displayed. Toy crystal radios resembling classic tabletop designs also collected. Mike Brooks, 7335 Skyline, Oakland, CA 94611. (510) 339-1751, evenings

WANTED: 1950-1952, Richard J. Buchan, WØTJF published Rhombic TV Antenna book. Desperately want copy or copy of copy. Robert B. Cooper, PO Box 330, Manganui, Far North, New Zealand. E-mail: Skyking@clear.net.nz

WANTED: Chassis for Majestic Melody Cruiser Model 1S49, any condition. Jerry Valentine, 10803 N.E. 143 St., Kirkland, WA 98034-4409. E-mail: w7ozx@qsl.net

WANTED: Crystal sets, collection now at 449 pieces, seeking more. Erwin Macho, Ambrosweg 17/A/8, A-1230 Vienna, Austria. Fax: ++431/8874355

WANTED: Schematic diagrams of solid-state radio control systems for six meters, non commercial. Robert Jenkinson, 10156 12 1/2 Ave., Hanford, CA 93230



WANTED: The above Pilot radio, will pay up to \$1,500 or trade. Call: Bill Moore, 1901 Spanish Oaks, Huntsville, AL 35803. (256) 885-0068. E-mail: bmoore2nd@aol.com

WANTED: Wood table radios, General Electric Model HP657A, Stromberg-Carlson Models 320H or 400H. D.W. Donaghu, 19791 Lombardy Ln., Yorba Linda, CA 92886. (714) 693-8632

WANTED: Instructions and carrying handle for RCA AR812 Superhet. Reproductions acceptable. John L. Frigo, 2807 Willow Rd., Homewood, IL 60628. (708) 799-3472, evenings

WANTED: Roland radios from the 50s, any type or color. Roland Frolund, 1265 Linn Ct., Turlock, CA 95380. (209) 668-1959. E-mail: rfrolund@aol.com

WANTED: WE 753 will buy/trade other WE, Tannoy GRF, Marantz. Frank Cooney, 30 Columbia Ave., Cranford, NJ 07016. (908) 272-0676. E-mail: fjc1z@worldnet.att.net

A. G. Tannenbaum

Electronic Service Data

PO Box 386, Ambler, PA 19002

Phone: (215) 540-8055

Fax: (215) 540-8327

THE



FOR

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

Credit Cards Welcome

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

CLOSING DOWN MY GRILLE CLOTH BUSINESS!

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

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

See me at Westford, Mass. on February 20, 2000 and save even more.

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

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

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

FOR SALE: QST 1977 to 1999 sold as a lot only - \$275 plus UPS. Onorio L. Sabetto, W8PIU, 1717 Burgess Rd., Cleveland, OH 44112-1103. (216) 481-1036

FOR SALE: Tested Globe/balloon shape tubes: 24 - \$3; 26 - \$8; 45 - \$50; 47 - \$15; 56 - \$12; 71-A - \$26; 80 - \$28. Jeff Arndt, 1215 Division St., Manitowoc, WI 54220-5734. (920) 684-8830

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

FOR SALE: Vintage tube CBs & vintage microphones, LSASE for lists. Fisher Spaceexpander, complete. Charles Zafonte, N1FRX, RR3 Box 2075, Fort Kent, ME 04743. (207) 834-6273, eves./weekends

FOR SALE: (3) speaker set 12/8/5" w/good cones and voice coils - \$31 + shipping. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

FOR SALE: (80) records 45s, metal rack holds 40, not picked through - \$80 ppd. lower 48. Darrell Combs, 6587 Pacheco Way, Citrus Heights, CA 95610. (916) 969-0635

FOR SALE: (2) Hammarlund Super Pros - \$100 ea. - \$175 both. Pick up LA only. Joe Epperson, 1808 Milan Ave., South Pasadena, CA 91030. (626) 799-1389

FOR SALE: RCA 96T4, wood (Bunis 3), nice - \$65. B&K 960 transistor radio analyst, works - \$25. Rod Galloway, 2220 Woodbury Rd., Melbourne, FL 32935. (321) 254-0280

FOR SALE: Sony TR6080 green transistor radio, corner chips - \$49. **WANTED:** Crestline 6T330. Radio sale web site: <http://members.aol.com/dmradios/tube.html>. Donald M. Maurer, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: dmradios@aol.com

FOR SALE: Sams Auto Radio manuals, 329 different vols. - \$400 takes all. Jim Farago, 4017 42nd Ave., So. Minneapolis, MN 55406-3528. (612) 722-0708

FOR SALE: Tabletops: GE114WP, ivory - \$45; Westinghouse H-393T6, maroon - \$35; Stewart-Warner 9151A, rare Canadian version, AM - \$45. Fisher Spaceexpander tube reverb - \$80. Freed 1110A inductance bridge - \$75. Vintage microphones, LSASE. Charles Zafonte, N1FRX, RR3, Box 2075, Fort Kent, ME 04743. (207) 834-6273, eves./weekends

FOR SALE: Fada 740, white, perfect - \$160. Philco 20 chassis - \$50; shield - \$25. Philco 86 chassis - \$40; speaker - \$45. A-K 55C and 60 chassis - \$40 ea. Parting Gloritone 26. **WANTED:** Zenith 835 chrome front and Super 28. Chris Hicks, RR 2, Box 342, Clinton Corners, NY 12514. (914) 266-4257

FOR SALE: Zenith Trans-Oceanics, all original, working, complete, 100% cosmetically restored to showpiece condition. H-500 - \$275; R600 - \$310; A600 - \$285. Frank J. Manzano, 82 Monhegan Ave., Oakland, NJ 07436. (201) 337-5263

FOR SALE: T.A.D. 15" drivers #1601A - \$350 pair + shipping. John Harding, 318 Main Ave. SW, Glen Burnie, MD 21061. (410) 761-1072

FOR SALE: Cathedrals - \$250. Transistors, testing equipments - \$25. Emersons - \$35. Pioneer automobile stereophonics. Magazines. Televisions. David Grace, 1337 Chalkstone Ave., Apt. 2, Providence, RI 02909. (401) 351-6127. E-mail: David_Grace@cguusa.com

FOR SALE: Zenith 6T5 used eye tube, one only. Trade for N.I.B. 6E5s or 6U5s or? It's visible with the lights on! Equip your console with the original magic eye tube. Radios, tubes, parts and radio miscellaneous stuff on my list for a LSASE, stamp or email. Stan Lopes, KB6LGV, 1201-74 Monument Blvd., Concord, CA 94520. (925) 825-6865. E-mail: splopes@aol.com

HIGHEST PRICES PAID FOR NEW and USED TUBES

WANTED!

*Western
Electric*

VT25/A VT52 101D/F 104D
205D/E/F 211A/D/E 212A/D/E
231D 239A 252A 262A/B
264A/B/C 274A/B 275A 300A/B
301A 310A/B 311A/B 347A
348A 349A 350B 412A
417A 421A 422A 437A

OTHER TUBES WANTED!

2A3 5AR4/GZ34 6BQ5/EL84 6CA7/EL34
6DJ8/ECC88 6L6G/GC 6SN7GTB 6V6G/GT
10(GLOBE) 12AT7/ECC81 12AU7/ECC82
12AX7/ECC83 (Amperex/Mullard/RCA/Telefunken)
45(GLOBE) 50(ST & GLOBE) KT66 KT77 KT88
211 EF804S 845 5691 & 5692 (Red Base)
6267/EF86 6550 7025 7189 7199 7591/A, Etc.

**IF YOU HAVE ANY OF THE TUBES LISTED IN THIS AD,
PLEASE Call, Fax or E-Mail DON SINGERHOUSE**

Call TOLL-FREE (Tel / Fax) (888) 715-8823

E-Mail singtube@frontiernet.net

SINGERHOUSE

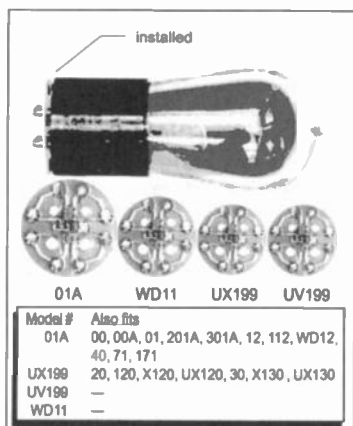
OUND, LLC

PO Box 321, New Richmond, Wisconsin 54017

Est. 1994

Radio Restoration Parts

Vacuum Tube Repair Wafers



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

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

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

Antique Radio Power Supply

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

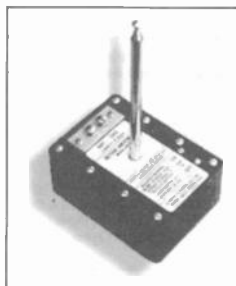
A very desirable feature of the H15/H16 is the method of switching power on and off. This function is provided by the switch on the radio. No radio modification required.

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

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

The compact size, 4"x4"x3/4", allows the unit to be installed with batteries in the battery compartment of most radios.

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



Active Antenna

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

Only \$34.95

New Atwater Kent Breadboard Switch -

Only \$50

Order from: PTI, 7925 Mabelvale Cutoff, Mabelvale, AR 72103

Orders shipped UPS or Parcel Post, prepaid in continental U.S. Please allow 3 weeks for delivery.

Arkansas residents add 6.125% sales tax.



To Order: Call (501) 568-1995

FOR SALE: Hallicrafters S-77A - \$25. AK 10C excellent original - \$1,250. Radio Amateur Call Book magazine, Fall '47, Fall '53, Spring '54 - \$15. One side of crate 25" x 51" for Edison Diamond Disc Phonograph - \$125. Leonard Aquino, 2 Somerset Ln., Putnam Valley, NY 10579. (914) 528-6857

FOR SALE: Lafayette signal generator and tracer Model KT-208, with manual/leads - \$35. Simpson 260 vo/meter - \$40. All plus shipping. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. Phone: (856) 881-0244. E-mail: slbon@erols.com

FOR SALE: (2) Altec A7-500 utility gray. 802-8D HF driver, N501-8A X-over, 416-8A LF driver - \$1,200/pr. Joe Esdale, 1769 Eastwood Ave., Highland Park, IL 60035. (847) 831-2544

FOR SALE: Ampro Deluxe 12" speaker in cabinet - \$20. RCA Model 1Y29A reel-to-reel tape recorder - \$25. John Martin, 111 Bancroft, Rochester, NY 14616. (716) 663-4182

FOR SALE: 1st Trans-Oceanic 7G605 Bomber complete & excellent - \$750; 3000-1 excellent - \$250. Panasonic RF-5000A working - \$195. Ted Demski, 5806-225 Pl., SW, Mountlake Terrace, WA 98043. Ph./fax: (425) 778-7100

FOR SALE: Rare Coronado 690B chairside fabulous Deco cabinet, reverse painted glass top excellent - \$175 plus S/H. Sam Mannino, PO Box 331, Villanova, PA 19085. (610) 353-6747

FOR SALE: 52 issues of Old Timers Bulletin (AWA) excellent condition, from 1975 to 1992 - Any Offers. Leo L. Gibbs, 701 Brookfield Rd., Dayton, OH 45429-3323. (937) 299-3965

FOR SALE: New model Galena crystal detector, with station finder and vibration resistant. L. Gardner, 458 Two Mile Creek Rd., Tonawanda, NY 14150

FOR SALE: Zenith Y832 AM-FM in blonde limed oak cabinet, almost mint - \$110 plus shipping. Martin Piepenburg, 5536E 500N, Monterey, IN 46960. (219) 542-2591

FREE - 20 WORD AD EACH MONTH

To get your free 20 words,
include your SUB# with your Ad.
Additional words are 29¢ each.
Read inside back cover for details.
MANY THANKS!!!!

FOR SALE: Cornell Dubilier decade capacitors, CDA, CDC - \$20 ea. GR decade resistor, 602D - \$35. R. Allen, 399 Canterbury Tpk., Norwich, CT 06360. (860) 822-6096. Web: <http://www.99main.com/~allens>

FOR SALE: Detrola-Deco Model 146, rare - \$195; RCA 68R1 large Bakelite AM/FM - \$65; Motorola 5X1 orange knobs & pointer on wire base - \$125; Bakelite GE220 - \$55; RCA portable ivory w/metal Nipper logo - \$55; Philco radio/phono Deco Bakelite - \$95; RCA 66X1 AM/SW - \$55; Westinghouse WR222 Deco wood - \$60; Zenith G615 - \$35; Crosley musical chef, white - \$75; GE 401 white, red knobs - \$45; Crosley wood 14AG - \$45; European radios: Grundig long rectangular wood case - \$150; Lowe-Opta wood - \$95. Communications receivers; Heathkit Mohawk RX-1 green & gray metal cabinet 15 tube double conversion Superhet with selectable sideband and manual - \$275. National NC 173 tan with manual - \$225; RCA Bakelite record player, 45s - \$75; Truetone D2616 - \$45. Frank J. Manzano, 82 Monhegan Ave., Oakland, NJ 07436. (201) 337-5263

FOR SALE: Radio-electronics books, quality list. Harry A. Weber, 4845 W. 107th St., Oak Lawn, IL 60453-5252

FOR SALE: N.O.S. 6LQ6 - \$25. Many others. Bob Putnak, 1507 4th St., Monongahela, PA 15063. (724) 258-6236. E-mail: tubesound@home.com. Web: www.tubesound.com

DELAWARE VALLEY HISTORIC RADIO CLUB

SUPER WINTERMEET 2000 HAVERTOWN, PA

Saturday, March 4, 1999 - 8:00 AM till 2:00 PM

The Delaware Valley Historic Radio Club presents its all-Indoors swapmeet and auction at the Grimes Center, St. Denis' Church, in Havertown, PA. Just west of Philadelphia, the site has easy access from the PA Turnpike or I-95. It is a large meeting hall with easy, ground floor unloading from the parking lot. The auction is planned for 11 o'clock. Food and beverages will be available. Seller setup begins at 7:30 AM. Buyers only admitted at 8:00 AM.

From the PA Turnpike: use exit 25A (I-476 South) to Exit 4 (Rte. 3 East/Upper Darby.) Stay left. Turn left at the second light (Lawrence Road.) At the next light, go left onto Eagle Road. At the third light, turn right onto St. Denis Lane; head for the Grimes Center on the left.



From I-95: Go north on I-476 to Exit 4 (Rte. 3 East/Upper Darby.) Stay left. Turn left at the second light (Lawrence Road.) At the next light, go left onto Eagle Road. At the third light, turn right onto St. Denis Lane; head for the Grimes Center on the left.

RATES: Buyers: \$3 at the door on the day of the event. Sellers: the rate is \$15 per table in advance, \$20 per table on the day of the event. **THIS IS A SELLOUT MEET!!! RESERVE EARLY to guarantee a space.** To reserve your space, just send a check, payable to OVHRC, to P.O. Box 847, Havertown, PA 19083. For confirmation, send SASE.

For information contact: Bill Overbeck at 610-853-3199 or Dave Abramson at 610-827-9757.

Check our website at <http://pw2.netcom.com/~firstake/dvhr.htm>

WANTED: Wooden cabinet tabletop AM radio/78 record player combination from late 30s or early 40s. It does not have to work but must be complete and repairable. Jerry L. Everhart, K4FMC, 278 Wildlife Rd., Lexington, NC 27292-2113. (336) 357-7761

WANTED: Wurlitzer jukebox 750E, record cutting machines, Chrysler Highway hi-fi record players, 45 rpm records. Kim Gutzke, 7134 15th Ave. S, Minneapolis, MN 55423. (612) 869-4963. Fax: (612) 798-4169

WANTED: Chart for Eico 636, schematic for Stewart-Warner 300 and 900 AC, chassis for S/W 300. Leonard Manning, 1948 Thurmond Pl., Charlotte, NC 28205. (704) 332-8811

WANTED: In excellent cosmetic cond.: A batteries Eveready #746 or Burgess #G3; B batteries Eveready #482, Burgess #M30 or Ray-O-Vac #202. Need (2) A Types & (2) B Types. Write to: Mike Hanke, PO Box 773, Wausau, WI 54402

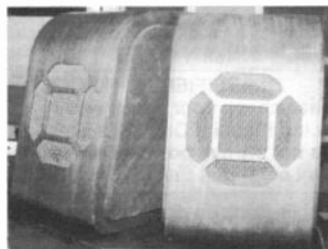
WANTED: British crystal sets, detectors, crystal tins. Please note I've moved! Ian L. Sanders, 1175 Teresa Ln., Morgan Hill, CA 95037. (408) 778-7547. E-mail: ilsande@ibm.net

WANTED: 21AXP22 picture tube (round, metal, color). Also want other early 21" color TVs and early BW TVs (Philco, RCA, Zenith, DuMont, etc.). William T. Cahill, 5631 4th St. S., St. Petersburg, FL 33705. (727) 866-8659

WANTED: Victrola-Radiola 7-11. Tim Riggins, 2215 S. Montana Ave., Caldwell, ID 83605. E-mail: TRiggins@CanyonCounty.org

WANTED: Federal 59 or 61, complete, original, vg-e condition. Bob Schmitz, 5925 Grace Lee Ave., Sykesville, MD 21784. (410) 795-5091. E-mail: sekndbass@aol.com

WANTED: Books: Test Equipment by John D. Link. Radio Theory Simplified, 1926, by Merle Dilton. Radio Simplified 1922, Kendall & Koehler. Practical Radio Electronics by Supreme, lessons 36 to 53. Advanced Radio Servicing by Supreme, 30 lessons. Paul M. Williams, 2364 Beaver Valley Pike, New Providence, PA 17560-9622. (717) 786-3803



WANTED: Wall speaker cabinets exactly as pictured. RCA Selectron tube. Audio input and output transformers. A printer to reproduce my antique electronic catalogs. V. Vogt, 2311 Pimmit Dr., #114E, Falls Church, VA 22043. (206) 295-4418. E-mail: vcv mav@webtv.net

WANTED: Westinghouse Model H-164 radio chassis, with or without speaker. P.A. Kinzie, 530 Topeka St., Kingman, AZ 86401

WANTED: Paying \$1,000-\$1,500 for right Fada 182G Baby Grand and 182S Spinnet piano radios. Crosley 122 Super Buddy Boy. Dayton XL-5 table-glass. Hidetoshi Wada, 1-10-23 Akasaka Chuo-ku, Fukuoka-shi 810-0042. Fax: 81-92-732-9009. E-mail: wada-hi@pi.highway.ne.jp

WANTED: Atwater Kent 337 dial pointer. Jon Kummer, 20 Harbor Rd., Port Washington, NY 11050. (516) 944-0963. E-mail: jon@pcnet.com

Audio & Collector Tubes



In the photo: R86 Dario, 80ST Pope, ARDE Ediswan, Re604 Tfk, 231D WE, EL 156 Tfk, 4101D STC TB, 180 Arct., V24 & S625 Marconi. Also available RS212 TFK, S610 & T250M Marconi, U415 & P420 Zenith, Philips TB, Re134 & Re084 TFK... and many others, ask what you need!

Nicolo Rubini, Via Mazzini, 7-35040 Masi (PD) Italy.
E-mail: nirubini@tin.it

FOR SALE: Philco 37-650, 42-380, GE, Majestic and other consoles, most - \$60 to \$150. Malcolm D. Burdick, W1N00, 156 Station Rd., Hampton, CT 06247. (860) 456-9640, before 8:30

FOR SALE/TRADE: 1936 Weston Model 201 PF meter, 1926 Weston Model 1 DC volt meter pair - \$40. Radio/phonos: 1942 Crosley 52TP - \$20. 1940s Emerson - \$45. Tabletops: Silvertone 3026 - \$35. 1940 RCA Model 16T4 - \$45. For others: Thomas Guastella, 1633 W. 11th St., Brooklyn, NY 11223. (718) 256-8367

CLASSIFIED AD NOTICE

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

FOR SALE: Precision signal generator zero Hz-240 MHz - \$40. AK horns H & M - \$140 ea. Electrical Engineers Handbook Pender & McLwain and Handbook of Applied Mathematics - \$30 ea. Riders III, IV, V - \$25 ea. Andrew Toross, 425 Old Country Rd., Orange, CT 06477. (203) 795-4523

FOR SALE: Battery eliminator for auto radios, marine equipment, 6 or 12 volts, Eico 1064. Louis L. Veltre, 643A Sherwood Ct., Lakehurst, NJ 08733-4207. (732) 657-7592

FOR SALE: (3) Hallicrafters S-41, g; Skyrider, vg - \$90; SR-10A, g - \$50; SX-104, vg - \$80. Silvertone 7224 T-O SW BC, 4 band, vg - \$100. Gilbert Simpson, 18 Beechwood Dr., Ansonia, CT 06401

FOR SALE: Zenith R7000-1 clean - \$165. Call: Carl Duck, Pratt's Electron Tubes, PO Box 1931, Hallandale, FL 33008. (305) 949-2644

FOR SALE: Aunt Sammy's Radio Recipes Revised Cookbook, 142 pp., 1931, softcover - \$13 ppd. Donald Sochurek, W191 S7500 Richdorf Dr., Muskego, WI 53150. (262) 679-0212

FOR SALE: Catalins: Fada bullet; RCA black, yellow marbling; possibly a perfect L-56 Fada; rarely seen white Plaskon Lafayette, early. Ted Chronister, 7073 Carlisle Pike #26, Carlisle, PA 17013. (717) 766-6436. E-mail: shorty@ezonline.com

FOR SALE: Selling tube stock, add shipping. Lot #1, box about (30) N.O.S. rectifier tubes, 5U4, 5AU4, 5X4, 5Y3G, etc. in cartons - \$45. Lot #2 (50) good used 4, 5, 7 pin tubes, my choice, no boxes - \$70. Lot #3 (20) hi-voltage rectifiers, N.O.S. - \$30. Lot #4 (40) audio output tubes, older, used, 41, 42, 47, 6V6G, 6F6G, 6L6G - \$79. Lots of 7 volt tubes, N.O.S. - Inquire. Lot #5 box (25) used television sweep tubes 6LB6, 6LF6, etc. - \$30. Maurer Television, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481

FOR SALE: Hallicrafters S-19R, great condition - \$125. **WANTED:** Hallicrafters SX-43. Robert Braza, W1RMB, 49 Fifth St., East Providence, RI 02914. (508) 222-5553

FOR SALE: 1933 Emerson L-557, wood table - \$100. 1936 Belmont 675 coat & vest tombstone - \$150. Bulova blue 100 clock radio - \$45. **WANTED:** 6T5 eye tube. Eric Miller, PO Box 778, Linn, MO 65051. (573) 897-4121. E-mail: E_A_Miller@hotmail.com

FOR SALE: Hundreds of antique, collectible radios, including cathedrals, tombstones, foreign, amateur, military, transistors, novelties, speakers. Also, multibands, tape recorders, televisions, transcriptions, tube hearing aids, antique medical, classic, other books. Test instruments. Polka, square dance records. Hi-fidelity, amplifiers, uniforms. For catalog, send three-stamp LSASE to: John Enigl, Sr., K9HJL, 5425 Cherry Ln., Egg Harbor, WI 54209. (920) 743-3672

FOR SALE: RCA 3RF91 AM-FM TM, vg - \$55. Hallicrafters S40A receiver & R46 spkr - \$150. Bob Fuerderer, Holly Farm, 813 Rte. 12A, Surry, NH 03431. (603) 352-3005

Collection For Sale

AK Model 5, AK Model 9, AK Model 10A, AK Model 4205, AK 3955 breadboards. BB tipped tubes, blue and gold. Marconi loose coupler, Kennedy V, Kennedy VI, Crosley Pup, Radiola IIIA, Radiola V crystal, Radio Aeriola Grand RG, Howe crystal, AK speakers M, H, L, E, E2. UZ1320 (2), other horn speakers (2), tube tester, (25) other battery and electric early radios. All radios are very good to mint condition.

**Selling entire collection,
not individual pieces of collection,
due to health.**

All for \$11,000.00

**Larry Voris
704-878-6710
E-mail: sirovla@aol.com**



WANTED: AK 19, 21 and/or 24; any condition considered. **FOR SALE:** (12) Zenith Royal 500s plus one Royal 275; includes two handwired units, all working, all in good condition; will sell only as package - \$1,300 firm. Send SASE or e-mail for detailed listing. Gary Haberman, 29 Woodways Rd., Plainview, NY 11803. E-mail: seniormang@aol.com

WANTED: Chassis or complete Buddy Boy. Amaud Vrand, Lauwestraat 67, B-8560 Belgium. Fax: 09-32-56-42-63-30. E-mail: arv@unicall.be

WANTED: The following large size Crosley cathedrals. Models 130, 170, 171. Also Tenstrike. Ronnie Kaczmar, 5747 Williamson, Dearborn, MI 48126. (313) 582-4348

WANTED: Radios with chrome grilles or trim, tiny 1930s tube radios, miniature cathedrals. Jay Malkin, 1250 Galapago #206, Denver, CO 80204. (303) 623-6451

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

WANTED: Old guitars/guitar amps, effects pedals, Gibson, Fender, Vox, Univibe, Marshall, Gretsch, etc. Sonny Goldson, 1413 Magnolia Ln., Midwest City, OK 73110. (405) 737-3312. Fax: 3355

WANTED: 1920s RCA or Cunningham tube manuals. Would also appreciate quality photocopies. Dennis Craft, 10513 E. Clinton St., Scottsdale, AZ 85259. (602) 860-8951. E-mail: dcraft@uswest.net

WANTED: Jerrold TV booster amplifier using a 6AK5 and produced about 1948. Frank Baxter, 111 Grizzly Bear Path, Ormond Beach, FL 32174. E-mail: tmcfc@n-center.com

WANTED: Philco 89C '40, Admiral B, 29-G5. Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi, Nagano-shi, Osaka, Japan 586-0027. Ph./fax: 011-81-721-52-4695, mid./eve., local. E-mail: yamada1r@silver.ocn.ne.jp

WANTED: Wood case electric or control room clock, Biddle instruments. Henry Weiland, 8946 West Grantosa Dr., Milwaukee, WI 53225. (414) 463-4681

WANTED: Unbuilt or partially assembled Heathkits and Knight kits. Gene Peroni, Box 7164, St. Davids, PA 19087-7164. (610) 293-2421

WANTED: RCA TV flyback transformer, part no. 102132; RCA radio R-7 escutcheon; Guild Spice Chest drawers; Philco 51 speaker. Or will buy junkers. Charles Phillips, 8607 Rembrandt Cir., Newark, DE 19702. (302) 832-9592

WANTED: I will pay extra high for Western Electric 596, 597, TA 4171, TA 7257. Vincent Gallo, 532 LaGuardia Pl. #600, New York, NY 10012. (212) 274-0432

WANTED: Radio chassis/speaker for Stewart Warner R 1264 A, or chassis R126. Mr. & Mrs. L. M. Page, 4138 North Highway 41, Mullins, SC 29574-9359. (843) 464-6887. E-mail: Pagehaven@aol.com

WANTED: Information, schematic or finished unit for Antique Electronic Supply kit K-167 or P-M167, battery powered wireless transmitter. Richard Dzick, 31572 Juniper Ln., Warren, MI 48093. (810) 268-4671. E-mail: n8mq@uol.com

RATE FOR ADDITIONAL WORDS:

29¢ per word

FIRST 20 WORDS FREE!

*Cash or stamps OK for small amounts.
Your payment helps to keep A.R.C. healthy!*

WANTED: Heathkit mono W-3, 4, or 6 singles. **FOR SALE:** Selling Audio Classics Mc-60s - \$1,750 OBO. Jim Walker, 414 Wedgemere, Libertyville, IL 60048. (847) 573-8853

WANTED: Fairchild Model 275 power amplifier. Ed Brozek, 2661 Hyacinth St., Westbury, NY 11590. (516) 333-0922. E-mail: Stratochief57@aol.com

WANTED: 1940s televisions: Farnsworth GV260, Belmont 22AX21, Dumont Clifton, Cleerview, Garod, Automatic cabinet. Ed Dessau, 40 Verna Rd., Monroe, CT 06468. (203) 452-1981. E-mail: ekdessau@aol.com

WANTED: Kolster speaker with claw feet to match Kolster Model K-28 radio. Blue tuning knob for Arvin 243T. Jim Ligouri, 7 Sycamore Ct., Atkinson, NH 03811. (603) 362-5712. E-mail: jligouri@aol.com

WANTED: Tube socket adapter kit MX949U. Howard E. Sutton, 1163 Furman Dr., Sumter, SC 29154. (803) 494-2888. E-mail: hesutton@ftc-i.net

SOUTHEASTERN ANTIQUE RADIO SOCIETY

WINTER INDOOR MEGA MEET

8 AM TO 12 PM

February 12th, 2000 - Winder, GA

Amateur radio operators invited
to buy or sell HAM gear as well.

Held at C-Tech Systems,
575 B Smith Road - Winder, GA 30680

Bob Niven (770) 586-5816
E-mail: bobwiz@aol.com
See MAP at ctechsys.com or
Gordon Hunter (770) 475-0713

Live Remote Broadcast by WIMO 1300 AM

Accommodations available at
The Jameson Inn in Winder.
The Club discounted rate is \$52.00 plus tax.
Call (770) 867-1880 and ask for Pat.

Seller registration is \$15.00
and includes one table and one chair.
Additional tables are \$7.50 each.
Pre-registration is encouraged.

The Electronics Collector

(Formerly Transistor Network)

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

Information • Articles • Classifieds

Subscribe Today!

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

\$43.95 Other Countries (Air)

Subscribers get a free 50-word ad monthly.

The Electronics Collector

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

Free sample copy upon request.

FOR SALE/TRADE: Pristine & working, 1923 Grebe CR13 receiver, all original with manual. Stu Mount, W2AO, 35 Grand St., Highland, NY 12528. (914) 691-7957

FOR SALE: Victor Orthophonic Victrola-Electrola Radiola Model 9-40. Victor's combination orthophonic phonograph & Radiola 28 radio receiver. Acoustic and electric record reproduction. In good restorable condition. Big, pickup only – Best Offer by March 1. Frank Hagenbuch, 1045 Bonair Dr., Williamsport, PA 17701. (570) 326-0932. E-mail: fhagen@pcspower.net

FOR SALE: Philco 39-25 slant front table radio, recapped & working – \$125. Ken Lemke, 1452 Fall Crk Rd., Canisteo, NY 14823. (607) 698-4938

FOR SALE: Tubed stereo amplifier. Harman Kardon A-300 Award Series w/wood case, working good – \$45 + shipping. R.G. Purcell, 4473 W. 136th St., Cleveland, OH 44135. (216) 251-6511

FOR SALE: Victor radio R-52. Airline 93BR-715A. GE K80. Screen grid 46. Philco 37-620. Wayne R. Ader, 2023 S. Quanicasssee Rd., Reese, MI 48757. (517) 868-4511

FOR SALE: ARRL Handbook 1938 – \$15. Baldwin headphones Type C – \$22. 6A3s used – \$5 ea. Plus S/H. Ed Povraznik, 9606 Biddulph Rd., Cleveland, OH 44144-1015. (216) 661-0032

FOR SALE: Field coil speakers: Operadio 10"; Jensen 6", (4) 5", (1) 4", (1) 3"; (2) Wurlitzer/Magnavox 12" PM. Angelo Pallotta, W2TPW, 1367 D'Angelo Dr., N. Tonawanda, NY 14120. (716) 695-0329

FOR SALE: Two ARC-5 receivers and two ARC-5 transmitters – \$100 OBO. Also Heathkit tuner and amplifier Models AJ-15 and AA-15 – \$150 OBO. All plus shipping. Kenneth Hunt, 872 Sudden Valley, Bellingham, WA 98225-4824. (360) 734-9572. E-mail: kwhunt@uswest.net

Visit the A.R.C. Web Site!

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

Our site includes highlights from current and recent issues:

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

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

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

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

FOR SALE: (3) B&K Model 290 analog multimeters – \$40. Jackson 637 tube tester – \$30. Ross Wollrab, 9990 Holly Ln., Apt. GS, Des Plaines, IL 60016-1428. (847) 759-0651. E-mail: rewollrab@aol.com

FOR SALE: Zenith 10XT26 4-speed solid-state stereo phono with barrel spkrs, mid 60s – Best Offer. Fleetwood globe transistor six – \$75. Sound Design 8-track player with (2) spkrs & cassette adapter – \$30. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

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

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

(Please no classified ads by phone. Thanks!)

FOR SALE: Sams Quickfacts Vol. 1 and 2. Rider's changer & recorder manual, new condition. William K. Seiler, 8819 S. State Rd., 135, Pekin, IN 47165. (812) 883-1453

FOR SALE: Crystal radio kits, complete with face panel and base board, 365 variable capacitor, large prewound coil, and many other parts for an old style crystal radio, remit – \$19.50. Carl & Grace Ent., 5636 Romeyn, Detroit, MI 48209

FOR SALE: Philco 48-460 – \$35. GE 115-W, ivory – \$40. Zenith 6D525, walnut – \$70. All work. Arthur Kreitner, 2013 East Belle Ave., Belleville, IL 62221. (618) 233-5610

FOR SALE: Western Electric headphone. Collins radio S-line tube shields. Hallicrafters Super Defiant, HT40. Pair amplified antennas. Radio Shack remote control center. Bill Coolahan, 1450 Miami Dr. NE, Cedar Rapids, IA 52402-2933. (319) 393-8075

FOR SALE: Used tested tubes: 24A – \$3.75; 26 – \$5.60; 27 – \$2.20; 80 – \$7.15. James R. Lopaz, 5467S 975E, Ogden, UT 84405. (602) 617-9739

FOR SALE: Sparton Jr., restored and refinished – \$295. Grunow 460 tombstone, restored – \$95. Emerson CS, trapezoid shaped, table model, solid walnut, about 1929 vintage – \$100. Airline, b.m. Bakelite, 1 1/2 V, farm set works – \$35. The following farm table model sets restored and refinished: Grunow 502 tombstone – \$85; Coronado 806A small wood – \$50; Howard 920 small blk. Bakelite – \$45; Emerson AJ149 – \$60. Can supply battery eliminators for above for – \$35 ea. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

FOR SALE: Hallicrafters Echophone EC-1 8 plus – \$75. National NC-60 Special 9 – \$65. Joel Levy, 8 Waterloo, Morris Plains, NJ 07950. (973) 285-0233

CATALIN	WANTED
WANTED	RADIOS
	
<p>TOP PRICES PAID!</p> <p>Michael Lawlor P.O. Box 179 Santa Barbara, CA 93102 (805) 682-2336</p>	

RADIOFEST XIX

A new show for the New Millennium!

August 4, 5, 6, 2000

Ramada Hotel* Elgin, IL



In keeping with these exciting new times, the Antique Radio Club of Illinois (ARCI) is reinventing Radiofest XIX and introducing some new and exciting concepts.

- The show will now be on Friday, Saturday and Sunday
- There will be no minimum 3-night stay at the hotel
- Selling will begin at 6:00 am on Friday
- A public appraisal "fair" will be offered and the public will be allowed to enter items into the auction
- The radio auction will be moved to noon on Saturday

We are keeping some of the old ideas as well.

- The display room will be focusing on Motorola and hi-fi equipment (tentative)
- Presentations throughout the day Friday and Saturday will continue
- The popular old radio contest will remain (see details below)
- The Carolyn Kripfel Awards Banquet will be held on Friday night
- The donation auction will be held on Sunday morning

In addition we are updating the pricing structure to make it easier to understand and fairer to those sellers wanting more than one space. Details are still being worked out so watch the March 2000 edition of A.R.C. for the registration form and pricing.

We are excited about the new Radiofest XIX for 2000. See you there!

OLD RADIO CONTEST CATEGORIES

- | | |
|---|--|
| 1) Crystal & Battery Sets 1928 & Before
(includes amplifiers, home brew, & kit sets) | 6) Novelty Radios (tube type or transistor) |
| 2) Post 1928 AC Sets (includes cathedrals, tombstones, etc.) | 7) Communications Receivers
(WWII or before) |
| 3) Horns, Cones & Speakers | 8) Consoles & Chairside |
| 4) Plastic & Bakelite Radios | 9) TV Sets & related items |
| 5) Transistor Radios | 10) Open Category (any radio or radio-related item not included in other categories) |

A "non contest" or "display only" table will be included. It is intended for those wishing to display an item to share with other collectors.

- Items which have previously won an award in an ARCI contest may not be entered.
- Only one entry per person per category will be allowed.
- Prizes include a \$25 cash award for the 1st Place winners in each category and \$100 cash award for the "Dr. Ralph Muchow Award" (Best of Show).

Questions about the contest can be directed to the club at the address below.

- * Same hotel with a new name.

Updates about Radiofest XIX will be posted to our website at
<http://members.aol.com/arci31280/arci.htm>

For more information regarding Radiofest XIX, contact:
A.R.C.I., P.O. Box 1139, LaGrange Park, IL 60526 — E-mail: arci31280@aol.com

FOR SALE: Zenith Trans-Oceanic G500 made only one year – \$155 plus shipping. Jim Montague, 1907 S. Stanley Ln., Spokane, WA 99212. (509) 535-9576

FOR SALE: 1939 RCA 96T5 AM/SW table, wood cabinet, works – \$30 plus ship. Jerry Wieland, 780 Charleston Ln., Hoffman Estates, IL 60195. (847) 934-1790. E-mail: jwieland@owc.net

FOR SALE: Catalin radios: Emerson BT-245 yellow/maroon trim, excellent – \$2,750; Motorola circle grille, lemon yellow bottom screw repair, beautiful – \$2,750; Fada Temple yellow/red, excellent! – \$1,350. Call: Mark Sack, 8 Metacom Dr., Simsbury, CT 06070. (860) 559-9491. E-mail: mbsjss@aol.com

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

**Ads – Subscriptions – Book Orders
See inside front cover for details**

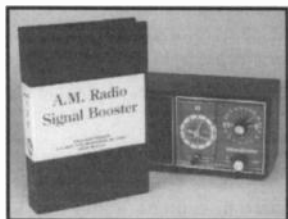
FOR SALE: Precision tube tester – \$35. **WANTED:** Simpson tube tester Model 555 and Fairbanks Morse Model 91. Leon Gann, 1134 E. 50 Pl. N, Tulsa, OK 74126. (918) 425-3590

FOR SALE: Purchased 6,000 tubes, still sorting. Used types are: 71A, 2A3, 10, 6A3, 01-A, 201A, 30, 2A5, 24A, 80, 6AS7, 26, etc. N.I.B. 30, 6D6, 6F6, 6E5, 2A5, etc. SASE for list. Discount for \$100 worth. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

FOR SALE: Philco Boomerang style Radio-RP, 49-1401, Baby Boom Vol. 4, p. 174; five tubes, N.O.S. set for Zenith Trans-O; Motorola VT71M 7-inch TV, good cabinet, restored chassis, no knobs or CRT; Yamaha MX200-12 mixing console; Otari MX5050 2-track recorder. Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. (606) 484-9393. E-mail: Charper@kyk.net

IT'S HERE!

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



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

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

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

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



FALA ELECTRONICS

PO Box 1376, Milwaukee, WI 53201

FOR SALE: Repro of rare WE 1A loop antenna, the square model, ca. 1922 – \$150 plus S&H. Wally Worth, 2 W. Elm Ave., Wollaston, MA 02170. (617) 479-4512, call before 9 pm

FOR SALE: (2) Heath tube testers TC-2, manual, both – \$65. SASE for booklet. 25% off. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Ph./fax: (440) 331-9206

FOR SALE: Electro-Voice Model 664 microphone with heavy duty desk stand, cables and connectors, very good condition – \$90 plus \$10 shipping. Bob Eckert, 133 East 7th St., Clifton, NJ 07011-1104. (973) 340-0579

FOR SALE: Schematics for Neumann & AKG mics, 15-page set – \$16.99 ppd. Zenith 15S-373, exc – \$1,500. Dozens of old radios & mics on our website at www.garm.com or call. Tommy C. Meers, 773 Carlisle Club Dr., Stone Mountain, GA 30083. (404) 297-0557, lv. msg. E-mail: tom@garm.com

FOR SALE: 15 bands Sony ICF 7700 dig. comp. SW radio with AC adapter and manual, very good condition – \$65 plus shipping. Arnold Giron, PO Box 862533, Los Angeles, CA 90086. (323) 221-9211

FOR SALE: Collection of 50 Dumont new in original box television tubes – \$35 plus shipping. Harry Cap, 190 Beech St., Bridgewater, MA 02324. (508) 697-8648

FOR SALE: NRI package tube tester, VTVM training books, etc. H.N. Felder, 7517 Granada Dr., Bethesda, MD 20817-6603. E-mail: radiok3rpy@aol.com

FOR SALE: Rare Swan MK-1 linear amp, mint – \$600. RME-50 w/speaker – \$275. Two meter Gonset Comm IV, xcvr – \$100. Walter Ashe catalogs, 1959 & 1957 – \$20 ea. Beautiful Fada 1930s 60" x 40", folds up, cardboard window display – \$125. Howard 450A rcvr – \$450. **WANTED:** Speaker for NC-100X; directional bridge coupler for J.W. Miller auto-track 2500; for SX-73, band select knob, bottom covers, name plates and pull handles. Thanks! Keith Perry, K7PSZ, 384 S. 48th St., Springfield, OR 97478. (541) 726-1512, home. (541) 995-1172, work

FOR SALE: Crystal rocket radio N.I.B. – \$45. Hallicrafters SX-110 shortwave receiver – \$90. Shipping extra. Steve Whited, 3637 West 71st St., Indianapolis, IN 46268. (317) 298-9967

FOR SALE: N.O.S. Chrysler Infinity dual cone coaxial high fidelity speakers, P/N 4372157, 4502, 36670. These oval speakers measure 5 1/2" x 7 1/2" x 3" deep and have integral 12 Vdc powered amplifier with crossover network, weight 2 1/2 lbs, asking – \$10 ea. or \$112.50 for 15. Ed Davis, Box 203, West Baden, IN 47469. (812) 936-9611

**ARBE-III – Universal
Battery Eliminator**

\$149.95 Shipped USA

☞ Contact: ☞

Antique Radios Inc.

Box 6352, Jackson, MI 49204

(517) 787-2985 or

Fax (517) 782-7422



WANTED: Globe Chief, Johnson Navigator, Heath AT-1, DX-20, DX-35, DX-40 or similar transmitter. ARC-5 receivers in good working order, with power supplies. WWII/1950s vintage earphones. Morgan Godwin, 166 West 87th St., #901, New York, NY 10024

WANTED: Honeycomb coils (battery sets), need information on a Bremer-Tully coil kit 12 1/2 - 200 meters. Harry Mac Mullan, 469A Gamet Mine Rd., Boothwyn, PA 19061. (610) 494-4196. E-mail: harry.macmullan@phl.boeing.com

HAS YOUR SUBSCRIPTION

EXPIRED?

**It has if your mailing label reads
"EXP=FEB00" or earlier.
Renew now!**

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

Renewal rates are:

\$39.49 for Periodicals Mailing

\$57.95 for First-Class Mailing

(Two-year renewals are twice above rates.)

WANTED: Coronado console radio (maybe Mod 807) with Gamble-Skogmo 807-B chassis. Would take cabinet only or non working. Steve Danielson, 7630 Grand Oaks Cir., Lincoln, NE 68516. (402) 472-8693. E-mail: sdaniels@unlnotes.unl.edu

WANTED: Working Sodian S-13 tube & UV199s (2), cabinet for Sodian set, written data on Sodian sets. Stu Mount, W2AO, 35 Grand St., Highland, NY 12528. (914) 691-7957

WANTED: Detrola Pee Wee (wood) back tracing; Silvertone 1152 Repwood cathedral. Bob Slagle, PO Box 7203, Colorado Springs, CO 80933. (719) 635-6208



WANTED: Symphony and Detrola Catalins. If only you knew how necessary these radios are to my very existence. Gee, if you knew that you'd probably never call or hope I'd wither away ending once and for all these stupid ads. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Airline 1936 Model 62-203 or 62-205 console farm set. Dennis Craft, 10513 E. Clinton St., Scottsdale, AZ 85259. (602) 860-8951. E-mail: dcrafft@uswest.net

WANTED: A copy of the booklet that came with the Quaker Oats crystal set. Robert Stapleford, 1800 S.W. Randolph Ave., Topeka, KS 66604-3158

WANTED: Parts set for SLRM receiver. Call or write: Charles Filer, 1163 Hawksbill Ln., Summerland Key, FL 33042-3159. (305) 745-1801

WANTED: Disc recording lathe (overhead) similar to Allied or (under) like Presto, with/without head. No Wilcox-Gay. Send complete description. Charles Graham, W1HFI, Fieldwood Dr., Bedford Hills, NY 10507. (914) 666-4523, anytime

Estes Auctions

Service That Sells



Preview
8:30 AM

Vintage Radio Auction

Saturday, February 26, 2000 - 10:00 A.M.

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

This sale will consist of two collections and several small consignments to consist of battery sets, speakers, tubes, literature, table radios, books & magazines, tombstone and cathedral radios, consoles, and advertising. A well rounded auction with items for the veteran collector or the first time buyer.

ESTES AUCTIONS

7404 Ryan Road

Medina, Ohio 44256

RICHARD ESTES - AUCTIONEER

AMATEUR RADIO CALL K8LRY

Tech. Support

Bob Dobush

Kim Graca

Bob Ready

Phone: (330) 769-4992

(330) 769-3987

Fax: (330) 769-4116

FOR SALE: Radiola 62, exc cond. - \$500 pick up. Majestic 70 or 72 spkr - \$50+. **WANTED:** Band knob Panasonic RF-1600 radio; Teac 4300 tape recorder service manual. Ray Barnes, 38 Woodmere Rd., Framingham, MA 01701. (508) 877-5232

FOR SALE: Crosley 51 two tube radio with good 01-As, fair cond. open audio - \$60 + shipping. Charles Kirsten, Radio Relics, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491

**IF YOUR EXPIRATION DATE IS
FEBRUARY OR BEFORE, RENEW TODAY!
EARLY RENEWALS
RECEIVE AN EXTRA ISSUE!**

FOR SALE: Vacuum tubes, all kinds, 50,000 on hand. Send want list & SASE for prompt response. Tom Ivas, 2932 W. 99th St., Evergreen Park, IL 60805. Ph/fax: (708) 423-0528. E-mail: tivas@xnet.com

FOR SALE: Ivory mike radio, see web photo at <http://www.interestinggoldjunk.com> - \$200. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. E-mail: w2ioj@yahoo.com

FOR SALE: Rack mount, GI, Collins 51J; Navy, by Emerson, R B Z, missing mike; Wells Gardner military TRF low frequency receiver, 15 to 600 Kc. Telmer Olson, W0YPT, 304 West Iowa St., Monona, IA 52159. (319) 539-2315

FOR SALE: Min. N.I.B. tubes 2, 3, 4, 5, 7, 8, 9, 10V - \$8/20 plus shipping. Choice of voltages only. Harry Pewowaruk, 1535 N. 8th Ave., St. Cloud, MN 56303. (320) 252-9910. E-mail: HPewowaruk@aol.com

FOR SALE: Addison, Fada, DeWald Catalins; also AK, Crosley. See them at <http://www.catalinradio.homepage.com>. No calls please. J. Finkelstein, 63 Cedar Hill Ln., Media, PA 19063. E-mail: evanor@home.com

FOR SALE: Lunalit, only one known (Plate 612, Bunis & Breed's novelty radios guide) - \$300. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

FOR SALE: Collins mechanical filter brochure - \$20. Atwater Kent auto ignition coil/switch - \$50. Mike Grimes, K5MLG, 3805 Appomattox Cir., Plano, TX 75023. (972) 867-6373

FOR SALE: Riders 8, clean - \$20. Tubes N.I.B.: 0A2, 0Z4 - \$2; 2A5, 5U4GB - \$10; 5Y3GT - \$2.50; 2A5 - \$10; 5R4GYB - \$7; 5V4GA - \$6; 807 - \$7; 80 - \$12; 83 - \$10; 12AU7 - \$4; 12BY7 - \$5; 12BV7 - \$5; 12BH7A - \$9; 12BA6, 12BE6, 35W4, 50C5 - \$2 ea.; 5Z3 - \$4; 6CG7/6FQ7 - \$9; 6SA7GT, 6U8 - \$2; 6EA4, 6EA7 - \$3; 6A3 (1) - \$20; 6L6G (2) - \$20; 6A7G - \$7; 6F6GT - \$5; 6V6 - \$7; 6V6GT - \$9; 2A3 - \$40; 6KN6 - \$10; 6SN7GTB - \$7; 46 - \$12; 6CA7 Raytheon - \$15; 8417 Raytheon - \$25; 6360 - \$5; 7239 - \$25; tele egg 809 - \$10; amp E8OF/6084 - \$15; 6072 - \$9; 8156 - \$10; amp 6360A - \$10; 6267 - \$20; 7199 - \$12; 7868 - \$25; 7189 - \$15; 8158 - \$10; CV11 - \$25; 280 - \$40; C6J - \$45; 2051 - \$7; 6P5GT - \$8; 813 - \$45; 8156 - \$10; VT25 - \$55; WE C3J - \$35; 8158 - \$10. Used tested: 6A3 - \$10; 171A 280 - \$20; 201A - \$15; 245 - \$40. Many other new and used tubes. Tony Rinaldo, 308 Lenox Ave., Oneida, NY 13421. Ph/fax: (315) 363-3644

FOR SALE: Zenith Poketradio 4K600 hard to find - \$125 plus UPS. Claude Chafin, N0FMO, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-4518

FOR SALE: Barzilai walnut stereo: w/ (2) 15" speaker cabinets, Scott 296, Fisher FM 200B, Colliaro phono, velour doors. Francis H. Yonker, PE, W2IBH, 1229 Inverary Pl., State College, PA 16801. (814) 867-1400

FOR SALE: (70) loctal tubes, (25) N.O.S., others used - \$50 ppd. R. J. Eastwick, W2RJE, 400 N. Haddon Ave., Unit 109, Haddonfield, NJ 08033. (856) 429-2477

Our Customers Say It Best: "You've Gotta Have an AM-100!"

Whether you are a novice collector with one radio or a seasoned veteran with a roomful, curious visitors always ask the question: "Does it still work?" What better way to prove the point than with a live old-time radio broadcast. With the Comtronics AM-100, you can entertain friends with authentic on-the-air radio demonstrations!

Will it Work for Me? You be the Judge:

"Big-band music all the time from any of my radios"

"I can't live without one!"

"The little transmitter works like a champ...the bass response is remarkable!"

"As I'm writing this, I am enjoying vintage Count Basie on my RCA 816K"

**This is the Genuine Article. Call Now and
Enjoy the Music**

Tusa Consulting Services

19 Augusta Drive, Covington, LA 70435
(504) 892-7348 (504) 892-2075 FAX



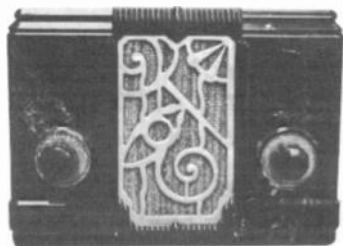
**Make those old radios come alive
with an AM-100, today**

Price: \$199.50

Includes antenna, power supply
and UPS delivery (48 States)
1yr warranty, 30day trial

WANTED: Input trans. Philco 116B-121 No. 32-7057, power supply. Majestic 91 or 92. Brad Thomas, 3891 Logan Ct., Concord, CA 94519. (925) 825-0645

WANTED: An escutcheon for a Philco Model 89-B radio. Paul M. Williams, 2364 Beaver Valley Pike, West Providence, PA 17560-9622. (717) 786-3803



WANTED: Kadette pictured, Detrola, RCA, Air King, etc. prewar plastics. I am new to the field of collecting but have plenty of money to live with big mistakes. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Payphones, 3 slot, Automatic Electric, Western Electric, any color. I pay highest prices. Stanley Schreier, 350 Hendrickson Ave., Lynbrook, NY 11563. (516) 887-4966. Fax: (516) 887-4780

WANTED: Construction plans, blueprints, photographs, circuits, books and papers about antique or unusual geophysical prospecting units and treasure finders especially as advertised in 1930-1940 radio and electronics magazines. Terms used for advertised units included radio balance, balanced loop, Hughes inductance balance, radiodyne prospector, metal and pipe locator, bomb detector and variable inductance monitor. Articles appearing in popular U.S. journals and magazines are not needed. Bart Henson, 7608 Teal Dr. SW, Huntsville, AL 35802. E-mail: barth@hiwaay.net

WANTED: Power supply for American Bosch Model 29 (Bunis 2, p. 20), like Model 28. Paul Cowlshaw, 1424 25th St., Ogden, UT 84401. (801) 393-8703

WANTED: 16-inch radio transcriptions, big records, by Sammy Kaye (Sunday Serenade) & Jan Garber Orchestras. Robert DeMars, 5034 Rosen Blvd., Boynton Beach, FL 33437. (561) 832-0171

WANTED: Electron tubes, ball bearings radio & aircraft receivers & transmitters, connectors, lamps, relays, switches, breakers. Hy Ness Company, 709B Delair Rd., Cranbury, NJ 08512-4212. (609) 395-1116. Fax: (609) 395-1117

WANTED

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

Andrew Mooradian,
5 Priscilla Lane
Winchester, Massachusetts
01890
tel. 781-729-1873 after 7 pm



WANTED: World War II walkie-talkie BC-721 or red Crosley bullseye radio. Bill Jewell, 3800 Ridgehaven Rd., Fort Worth, TX 76116. (817) 377-4664. E-mail: OldRadios@aol.com

WANTED: Service manuals for RCA Radiomarine direction finder Model AR8712 and BC-314 receiver. Al Kaiser, 713 Marlowe Rd., Cherry Hill, NJ 08003-1551. (856) 424-5387

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

WANTED: Schematic for Raytheon GM114 marine direction finding radio. David Wunsch, 111 Louise Rd., Belmont, MA 02478. (617) 489-0079. E-mail: dwunsch@cs.uml.edu

WANTED: Unusual early transistor radios by General, Yaou, others not pictured/listed in books. David Mednick, 10 Doe Dr., Wesley Hills, NY 10901-2302. (914) 354-5041. E-mail: davemed@acd-pc.com

WANTED: Antique medical, scientific devices, fans, Deco clocks, radios, and horn phonographs. Richard Cane, 1333 N.W. 127th Dr., Sunrise, FL 33323. (954) 846-7116. E-mail: rbcane@sprynet.com

WANTED: Unrestored Zenith 1937 console, Model 6S152. Dennis Craft, 10513 E. Clinton St., Scottsdale, AZ 85259. (602) 860-8951. E-mail: dcrafft@uswest.net

WANTED: Yaesu FP-800HD P/S. Reasonable cash price or can swap FP-757 P/S plus difference. Or equipment, meters, parts from my list. SASE. George H. Goldstone, W8AP, 1010 Burnham, Bloomfield Hills, MI 48304. (248) 642-7673

WANTED

Your pre-1940 radios for our 10th Annual Radio Auction. Send list and model numbers now to qualify for this great Midwest auction. The demand is great for RARE items. See results in the August 1999 issue of A.R.C. We will pack and haul large collections.

Call 1-800-862-6674,
or write:



ANTIQUE AUCTION CENTER

PO Box 476
203 S. 18th Ave.
Marshalltown, Iowa 50158

FOR SALE: Heathkit SG-6 signal generator – \$25. Heathkit IM-28 VTVM, manual copy – \$30. Shipping extra. John Osborne, 2 Lake St., Winthrop, ME 04364. (207) 377-2519

FOR SALE: Tubes: (2) 5691 RCA, red base – \$40 ea.; (1) 7591 – \$45; (1) Amperex 5AR4 – \$40; all N.I.B. Also 5894, 6267, 6386, 6844, 6907, 6973, 7199, 7360, 7580, 7868, others. Danny Brou, 212 Wainwright Rd., Pineville, LA 71360. (318) 445-4843

FOR SALE: (1) Edison cyl. record player table model Amberola 50-SM-56166 – \$750. (3) Philco 89 chassis (2) complete, (1) for parts – \$60 all. + S/H. Carlos Gimenez, 15901 Shamrock Dr., Fort Myers, FL 33912. (941) 482-0198

FOR SALE: Radiolas 16 & 17 and (2) 100A speakers from mountain bam – \$100 + ship or separate prices. Cleo A. McAleander, Box 4, Stanleytown, VA 24168. (540) 629-2972. E-mail: cmcaleander@stanleyfurniture.com

FOR SALE: Tandberg 64 reel-to-reel recorder for parts, MT, nice cabinet – \$20. Jim Clifford, KE4DSP, 108 Bayfield Dr., Brandon, FL 33511. (813) 654-7531. E-mail: j.c.clifford@juno.com

FOR SALE/TRADE: Novelty windmill radio, wood & plastic exc playing condition – \$90 plus shipping. Paul Fulton, 711 Jacquelyn Rd., Westwood, NJ 07675. (201) 664-5260. E-mail: pfulty@aol.com

FOR SALE: General Radio working #631B Strobotac and repro manual, flashing speed: 600 to 14,400 per minute – \$75 ppd. Hugo Kann, 2320 King's Ct., Marion, IA 52302. (319) 377-1090, evenings. E-mail: hmkann@home.com

FOR SALE: #623 Tungar bulb used – \$5 plus postage. Jon Andreasen, PO Box 22, Newton, NJ 07860. (973) 579-6261, 6 to 9 pm Eastern. E-mail: jda@nac.net

FOR SALE: Sylvania equipment brochures, five in all. Scope, sig. gen. – \$12 shipped. Leroy Marshall, 1178 Foxboro Ln., Bartlett, IL 60103. (630) 483-8833

FOR SALE: Sansui 1000A receiver – \$100. Stromberg-Carlson 105 PA – Free. Both pick-up only. Don Behrens, 2417 W. Acacia Rd., Glendale, WI 53209. (414) 228-1980

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

FOR SALE: Hickok tube tester, excellent condition, Model 799, simplified set-up for quick testing with book – \$275. B and K picture tube tester and restorer Model 467 deluxe with three meters with papers – \$265. Replacement cost one grand. Two Beckman VTVM meters Model 350, both – \$85. Add shipping to all. Maurer Television, 19 South 4th St., Lebanon, PA 17042

FOR SALE: Hammarlund HQ105TR receiver – \$140. Local pick-up preferred. Bruce Mueller, 730 E. Harmony Ln., Fullerton, CA 92831

FOR SALE: Coronado leatherette tube portable 15RA4-43-9876C 117VAC/DC/batt. – \$22 delivered UPS. SASE list. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614. (218) 226-4291. E-mail: catt@lakenet.com

FOR SALE: Radiotron Designer's Handbook, 4th Ed., very good – \$80 plus postage. Many other good radio, wireless, telegraphy books, check the Electro-Technology catalog on our website at <http://www.abebooks.com/home/oldauthors>. Roger Hart, VA3OA, Old Authors Bookshop, PO Box 403, Morrisburg, Ontario, Canada K0C 1X0. (613) 543-3337. E-mail: authors@momet.on.ca

FOR SALE: Early radio & collector tubes: new and used globe and ST 4, 5, 6, & 7 pin. Special: good used Kellogg 401 – \$20; and Raytheon BH tipped – \$5 ea. See www.fathauer.com or write for catalog. George H. Fathauer & Assoc., 688 W. First St., Ste. 4, Tempe, AZ 85281. (480) 968-7686. E-mail: fathauer@home.com

FOR SALE: Elenco electronic trainer has meter, power supplies, and generator in one case, with manual plus extras, all for – \$65 plus UPS. Daniel Seidler, 10337 S. Keating, Oak Lawn, IL 60453-4753. (708) 424-2057

FOAM SURROUND REPLACEMENT KIT

Kit c/o two foam surrounds, shims, speaker cement and instructions.

8" kit = \$17.95

12" kit = \$21.95

10" kit = \$19.95

15" kit = \$24.95

plus \$4 S/H. N.J. add 6% sales tax

Sound Remedy

331 Virginia Ave.
Collingswood, NJ 08108
(856) 869-0238
Fax (856) 869-6880

Got Grille Cloth?




World's largest selection!

- ★ 12 Philco patterns
- ★ 8 Zenith patterns
- ★ Majestic (Grigsby-Grunow)
- ★ German (Grundig, Telefunken, Nordmende)
- ★ Stromberg, GE, Westinghouse, Emerson
- ★ Plus many other generic patterns

Send \$3 for cloth sample sheets to:

John Okolowicz, N3VSR
624 Cedar Hill Rd.
Ambler, PA 19002




or
see them on the web @
www.grillecloth.com
email: john@grillecloth.com

RADIO XXXI

Biggest Show on the East Coast ★ Same Giant Location
1999 Event Sold-Out ★ 870 Attendees & 72 Exhibitors
6,500 Square Feet ★ 90+ Tables

An Indoor Old Radio Flea Market

Sunday, February 20, 2000 — 8:00 A.M. till 1:00 P.M.

Registration begins for all at 7:30 A.M.

\$6 admission (spouse & children free) – Exhibitors see below.

Westford Regency Inn — Regency Room — Westford, Mass.

(I-495 at Exit 32 — directions below)

Refreshments will be available.

Informal Dinner — Sat., Feb. 19th, 7 P.M. to 9 P.M. — No reservations needed — Dutch
Yangtze River Chinese Restaurant — 2.2 mi. west of Westford Regency on Rt. 110.

Preregistration & Info.: A.R.C., P.O. Box 2, Carlisle, MA 01741 – (978) 371-0512 or arc@antiqueradio.com

Exhibitors: \$6 per person for admission plus \$18 per 8' table. Table sizes and location assigned on a first come-first serve basis. Early registration is recommended in order to obtain space in the main hall. Last year's exhibitors may reserve the same location as last year if we receive their paid registration by 2/4/00. Adjacent rooms will be used for overflow. Four table limit per exhibitor. Exhibitors may register at the door or may pre-register by mailing payment to: Radio XXXI, c/o A.R.C., P.O. Box 2, Carlisle, MA 01741. (Make check/MO to A.R.C.; Visa or MasterCard OK, too.) If paying by credit card, exhibitors may pre-register by calling (978) 371-0512 or faxing (978) 371-7129. **Note:** After picking up registration materials at the registration desk, exhibitors may enter the hall only to deliver goods to their table (e.g. not to set up) and then must return to the foyer until the doors open for everyone at 8 A.M. **Cancellation Policy:** Table fee will be refunded only if requested and the table is resold. If a table is not occupied by 9 A.M., a table may be cancelled and resold.

Overnight stay: Westford Regency Inn at 1-800-543-7801. Mention Radio XXXI for special rates. Room reservations should be made by January 31, 2000 for special rates. Bring your family to enjoy indoor pool, health club, racquetball courts, three restaurants, bar, etc. Night skiing at Nashoba Valley Ski Area, only 2 miles away!

Directions: From I-495, take Exit 32. Follow "To Rt. 225" sign. At stop light, turn right onto Rt. 110-West for 0.4 miles. The Westford Regency is on the right. Use doors on right (north) side of Inn. Ramps at both show entrances! The Westford Regency Inn and Conference Center is a 193-room hotel with 3 restaurants and over 500 parking spaces. With over 20,000 square feet of conference space, we have room to expand our future radio meets!

Sponsored by:

The Greater Boston Antique Radio Collectors

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

Thanks to Antique Radio Classified for organizing this meet.

(1/7/00)

FOR SALE: Acousticon hearing aid with three Raytheon tubes. Gordon Wilson, 11108-50 Ave., Edmonton, Alberta, Canada T6H 0H9. (780) 434-6257. E-mail: wilsons@freenet.edmonton.ab.ca

FOR SALE: Tuner sub box #2011. Sams Photofacts - cheap. Colorbargen. 246. Ann Bichanich (Jay's), 15 W. Lake St., Chisholm, MN 55719. (218) 254-4421

FOR SALE: Hi-fi gear, (2) Eico HF32 amps - \$55. Eico HF-81 - \$35. Grommes PG8 - \$20. Blonder-Tongue A1-B - \$15. Harman Kardon A-300 - \$40. Bogen DB15 - \$50. RCA MI 12236 - \$25. McGohan M204 - \$50. Calbest 8211 - \$65. Kenwood KW60 - \$80. Tuners: Bell 6070 - \$25. Bell 2441 - \$35. Knight 285 - \$20. Eico HFT-90 FM - \$20. Eico MX99 multiplex adapter - \$35. All the above working. Norton Thompson, Box 422, Paonia, CA 81428. (970) 527-3017. E-mail: sweet1950s@juno.com

FOR SALE: Transmitter 829B tube driver breadboard, professionally manufactured, real nice job. Paul Recupero, 265 Union St., Portsmouth, RI 02871-2209

FOR SALE: Too many tubes, radios, books, parts. LSASE. WANTED: Mystery chassis (A.R.C. Sept. 1998, p. 9). W.F. Horn, 13110 Marsh Rd., Bealeton, VA 22712. E-mail: wehcoll@tidalwave.net

FOR SALE: '31 GE S22 Junior w/brass handle, elec. restrd, good bouquet grille cloth, exc orig. finish - \$225. '41 Silvertone 3111 Midget Bakelite, repaint, nice, (same as 7000 p. 181 M.A.J.A. I) - \$60. Ampex 900 auto rev. R/R deck - \$75. Fisher 400 FM rcvr, repaired - \$135. Philco 40-90 Bakelite farm w/one tube pwr supply, nice orig. finish, elec. restrd - \$60. Mike Biddison, 15 Palomino Ct., Chico, CA 95928. (530) 894-2800

FOR SALE: 300-400 N.O.S. old style resistors in 1943 Allied Radio box. N.O.S. RayDyne portable windup phono, museum condition. Iv Sanders, 242 Hunter Ln., Harrisburg, PA 17112. (717) 469-2185

FOR SALE: Antique Radio Classified, Jan. thru Dec. 1991, (12) issues - \$40 includes postage. Bob Barr, 4477 S.E. Heartwood Trl., Stuart, FL 34997. (561) 283-4143

FOR SALE: Dynaco ST-70 stereo amplifier, very clean, works well - \$350. Ben Deovlet, W6FDU, 933 Robin Ln., Campbell, CA 95008. E-mail: w6fdu@aol.com

FOR SALE: Brunswick 78 rpm record player (Panatropex Exponential Type #272191) - \$150. GE Model J805 radio - \$60. Marvin L. Honeycutt, 1303 Minna St., San Francisco, CA 94103. (415) 861-5066. E-mail: oldtags1@earthlink.net

— WANTED —

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

FOR SALE: Garrard single play turntable chassis Model T/AMK II in original box - \$65 plus UPS. Allen Jochem, 2205 Broadway, Quincy, IL 62301. (217) 223-6751

FOR SALE: Many many used sweep tubes 6LF6, 6LQ6 etc. - \$12 each. Byron Bemor, 33855 McEnnery Cyn, Acton, CA 92510. (661) 269-5459

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

FOR SALE: WD40 novelty radio gift pack with can of WD40 - \$35 with shipping. George Stevens, 313 N.E. 151st St., Seattle, WA 98155. (206) 364-0227. E-mail: steveqr@scn.org

FOR SALE: AK5, AK10 in Poole cabinet, Westinghouse crystal detector DB, Radiola 26. Joel Levine, 67 Derby Ave., Greenlawn, NY 11740. E-mail: Joelbmh@worldnet.att.net for pictures and details

FOR SALE: Scott RBO - \$200; BC-221Q - \$40; Wheatstone bridge - \$60; Heath RS-1 - \$20; CO-1 - \$32; SB-303 - \$150; Millen receiver preamp - \$45. Big list - Free! Richard Prester, 131 Ridge Rd., West Milford, NJ 07480. (973) 728-2454. E-mail: rprester@warwick.net

FOR SALE: Principles of Radio, Keith Henney 3rd edition, 1938. 495 pp, good condition - \$15 + shipping. John R. Tebeau, 2572 Oak Villa Rd., Thomson, GA 30824. (706) 595-8211. E-mail: Tebeauj@aol.com

FOR SALE: Triplett 631VTVM-VOM - \$50; Powerstat 175 w. 110-220v - \$75; Philco 90 cathedral, vg performance, needs cabinet veneer only - \$300; Detrola 568 chrome front - \$50; DuMont (2) lace front 1 with clock - \$100, other - \$75; RCA 75X11 red oriental, works, needs touchup - \$100; Hammond power transformer N.I.B. 169VS 175w. line isolating - \$45. Sid Greenspan, 500 S. Ocean Blvd., Boca Raton, FL 33432. (561) 368-2019

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

FOR SALE: Have many many transistor radios for sale. Will sell one or all. Doug Ferrero, W8YNZ, 70173 Hillside Ct., Romeo, MI 48065. (810) 336-0120. E-mail: ynzdsd@bignet.net



BUY/SELL

TUBES

NEW & USED

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

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

TEL: 802-879-1844

FAX: 802-879-7764

EMAIL: etetubes@vbiemail.champlain.edu

WANTED: Altec/Lansing A323B audio amps, non-working or partial units OK. Robert Tucker, 727 Highland St., Helena, AR 72342. (870) 338-7628

WANTED: Phonograph horns wood or metal parts, machines or whole & working Victor Edison, etc. John F. Yanalavitch, 153-19 75 Ave. Apt. 2G, Flushing, NY 11367-3016. (718) 268-6413

WANTED: Channel selector & fine tuning knobs for Motorola VT71A, 1948 television. Telephone components. Michael Cutler, 2419 Ave. O, Galveston, TX 77550. (409) 763-0938

WANTED/FOR TRADE: My pair of ?Sentinel tortoise knobs for your pair of Garod yellow knobs. Peter Jaber, 281 McDowell St., Asheville, NC 28803. (828) 277-2060

WANTED: Lafayette LA-70, Stromberg-Carlson AU-36, MC 30. Soterios Gardiakos, 63 S. Broadway Ave., Aurora, IL 60505-3325. (630) 844-0590

WANTED: Spark transmitter, buying all types. Call: George Panagiotides, 68 Kedrinou St., 115 22 Athens, Greece. Ph.: 011-301-642-9800

WANTED: Deutsche Arbeits Front (DAF) 1011 table radio. Will pay your price. John A. Miner, 6961 E. Arkansas Ave., Denver CO 80224-2034. (303) 759-9152

WANTED: Remler parts for control panels 330 and 333. Need info, schematics, pictures, etc. Bob Nicholson, 2745 S.W. Villa West Dr., #1308, Topeka, KS 66614-5236. (785) 271-5604. E-mail: bnichxxxks@webtv.net

WANTED: Tuning capacitor for an RCA K80. Dick Stewart, 656 Squire St., Colorado Springs, CO 80911. (719) 392-9694. E-mail: StewartWCF@aol.com

WANTED: Clear S-1 and S-2 sun lamp bulbs with mercury blob; and other antique, unusual, novelty light bulbs including neon and argon figural and panel lamps. Have some to trade. Chris Kocsis, 7315 Oriole Ave., Springfield, VA 22150-4302. (703) 913-9143. E-mail: chrisk@radix.net

WANTED: Good used Silvertone tubes no 48 and no 76. Jack Ghare, 1753 Community Beach Rd., Odín, IL 62870. (618) 532-5548

WANTED: Fada P38 portable parts set or inside medallion for same. Barry McDaniel, 6 Pecos Ln., Little Rock, AR 72212. (800) 755-3326

WANTED: Excellent Zenith 6D615 or 6D630 or chassis for either. Gerry Harmon, 10803 Chateau Hill, Austin, TX 78750. (512) 219-0072. E-mail: wharmon1@austin.rr.com

WANTED: G1340 adaptor for Precision tube tester. Jim Conaway, 723 Ann Dr., Kennett Sq., PA 19348. E-mail: Jim.conaway@usa.dupont.com

WANTED: Original wood coil box for 5 National HRO coils, National S-101 impedance coupler. Don Barsema, 1458 Byron SE, Grand Rapids, MI 49506. E-mail: dbarsema@prodigy.net

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

WANTED: Walsco or Jensen replacement idler wheels. Gary Stork, 37530 E. Meadowhill, Northville, MI 48167. (248) 478-0990. E-mail: gstork@concentric.net

WANTED: Stewart-Warner radio Model 01-817 with floor console cabinet. Need not be in working condition. Jack Carlisle, 4009 Leon Dr., Plano, TX 75074. (972) 424-1924. E-mail: carlisle@onramp.net

WANTED: Lower escutcheon (around push buttons) for GE HJ-905 console. Jeff Ross, PO Box 487, Quakertown, NJ 08868. (908) 782-3121. E-mail: pamro@rcn.com

WANTED: Manuals for radar sets: SCR-520, SCR-720, SN, SP, AN/APQ-7, others! Also, radar stuff and parts. William Donzelli, 15 Gen. MacArthur Dr., Carmel, NY 10512. (914) 225-2547. E-mail: aw288@osfn.org

WANTED: Front panel for Pilot Super Wasp AC any condition, also internal metal parts. Joseph Kelber, 503 S. Scranton Ave., Scranton, KS 66537. (785) 793-2323

WANTED: Paying \$1,000 for right RCA 10T tombstone, must be excellent and original. Igor Golio, 17 Addison Dr., Fairfield, NJ 07004. (973) 463-4973. E-mail: golio@gdats.com

**ADORABLE PLASTER DOGS
MAKE THE PERFECT GIFT OR
COLLECTOR'S ITEM**

**Wholesale Prices Available for
Purchases of Ten or More Pieces**



Large (14 1/2")
\$65. + \$12. S&H



Medium (9")
\$35. + \$5. S&H



Small (6 3/4")
\$25. + \$5. S&H



Record Holder (14 1/2" x 5 1/2")
(record not included) \$35. + \$5. S&H



Wall Hanging
(10 1/2" x 7" x 1 1/4")
\$30. + \$5. S&H

RON HARING

17024 FRAZIER RD • PLANO, IL 60545
630-552-1558

PUETT ELECTRONICS

PO BX 180618 DALLAS TX 75218-0618 U.S.A.
IN OUR 27TH YEAR

**88-PAGE CATALOG
\$5.00 POSTPAID IN U.S.A.
OVERSEAS AIR MAIL ADD \$3.00
\$5.00 DISCOUNT COUPON WITH CATALOG.
OVER 2,500 INSTRUCTION MANUALS,
AND OTHER PIECES OF LITERATURE/
TUBES, RADIO SHOWS, ETC.**

VISIT OUR WEBSITE:
www.flash.net/~puett



FOR SALE: Novelties, manual copies, Radio Boys and other books. LSASE for list. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. (765) 459-8308. E-mail: w9itt@juno.com

FOR SALE: Clear plastic dial covers for over 500 old radios, such as: Addison 2; Belmont 6D111. Emerson 400, Fada 1000, National NC240D, Zenith G500 - \$15 ea. ppd. Also covers made and installed in your bezel - \$22.50. Doyle Roberts, HC63 Box 236-1, Clinton, AR 72031. (501) 745-6690. E-mail: drob@hypertech.net

Classified Ad Deadline Noon

Feb. 10 for Mar. 2000 Issue

Mar. 10 for Apr. 2000 Issue

Boxed, Photo, & Display Ads - 1st

FOR SALE: Philco tube manual, 1937, copy. Socket layouts of all Philco sets 1929-1937. Tube characteristics, schematics, base layouts - \$10 ppd. Milt Faivre, K4EBT, 1445 2nd Rd. SW, Vero Beach, FL 32962

FOR SALE/TRADE: Lafayette radio manuals LSG10, HE10/KT200, TE18, TE57, HE20T, HE25 Voyager, TE27, HE45B, HA50, HE55, HE56, TM59A, HE61A, HA63A, HE71, HE74, HE89, HA90, KT116, KT135 ExplorAir, HA144, HA146, KT208, HA230/KT340, HA250, HA350, KT390 Starflite, HA410, HA450, HA460, HA500, HA600, HA600A, HA650, HA700, HA750, HA800, HA1200. A.J. Bernard, PO Box 690098, Orlando, FL 32869-0098. (407) 351-5536. E-mail: ni4q@juno.com

FOR SALE: Hallicrafters Model 101A with spkr & manual, exc condition - \$200 + UPS. Phil Guinan, 106 Page Rd., Litchfield, NH 03052. (603) 889-6213

FOR SALE: MFJ Telepatch Model 620 - \$20. 1947 Emerson Model 525 wooden radio-phonograph - \$40. Richard Zintek, 11954 U.S. 31, Grand Haven, MI 49417. (616) 842-2211

the Radio Attic

Buy & Sell Your Old Radios Here!



Advertise your radios on the Internet with full-color photographs. Your ad runs until your radio sells for one payment. We can scan your photos & crop to best show off your radio. We have other pages of interest for collectors, including featured articles, radio club events, and a "Who Knows This Radio?" page. Check us out!

the Radio Attic

P.O. Box 90

Moody, AL 35004

<http://www.radioattic.com>

e-mail: ads@radioattic.com

FOR SALE: Television magnifier - \$20. Television Rider's Vol. 1, Vol. 2 - \$50. Eight Pilot Wasp coils - \$99. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145. (440) 871-4547

FOR SALE: Sony studio TV camera, AVC-3200, B&W, zoom lens, electronic viewfinder, fine & manual - \$95. Alan J. Kriss, 1872 Portsmouth Way, Union, NJ 07083. (908) 688-2092

FOR SALE: Superior tube tester Mod TV11 in wood case - \$35. Metrodyne single dial battery table radio, (6) tubes (incl. (5) Cunningham 301As & (1) Radiotron 201A), etched Bakelite front panel, nice cabinet, untried - \$150. Philco 81 Junior cathedral, works, needs on/off switch, painted antique green, has couple of separations in veneer near top - \$55. Plus shipping, iv. message. Raymond Humphreys, 904 Jackson, Macon, MO 63552. (660) 385-2821

FOR SALE: Radios for sale and free software for organizing your radio collection: <http://pws.prserve.net/usinet.hmauer/miypw.htm>. Hank Maurer, 101 Sunset Terr., Scotts Valley, CA 95066. E-mail: hmauer@attglobal.net

FOR SALE: Working shortwave radios. Hallicrafters S38D - \$50; S41G - \$65; S53A - \$85; S19R - \$100; SX110 with R48 speaker - \$150; S85 - \$100; EC1 - \$80. Heathkit GR64 - \$40; HR108 - \$60. Zenith tube Trans-Oceanics. Ray Schmidt, 607 1 Ave. SW, Austin, MN 55912. (507) 433-0069

FOR SALE: Transistors: Pepsi-Cola vending machine, N.I.B. - \$25; Sanyo RP1250 - \$5; GE P-2750 - \$5. James S. Looney, Rt. 1 Box 54, Grundy, VA 24614. (540) 531-8677

FOR SALE: Philco 19/89 chassis parts, no speaker. What do you need? Maureen Martin, 1407 Memory Ln., Lutz, FL 33549. (813) 949-1835

Join the
AWA

ANTIQUE WIRELESS ASSOCIATION THE ORIGINAL AND LARGEST HISTORICAL RADIO-COLLECTOR GROUP

- Publishes *Old Timer's Bulletin* with:
 - Battery and AC receiver restoration
 - Vacuum-tube history and collecting
 - Old-time amateur-radio contests
 - Communications receivers
 - Free want-sell-swap ads
 - Early television
 - Horn loudspeakers
 - Reviews of current books
 - Keys and land-line telegraphy
 - News of U. S. and foreign clubs
 - Information on public radio museums.
- Maintains unique radio-TV museum.
- Produces the annual Rochester meet.
- Co-sponsors local meets.
- Publishes the annual *AWA Review*.



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

Antique Wireless Association, Inc.

Box E, Breesport, NY 14816

<http://www.antiquewireless.org>

TUBES WANTED



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

Western Electric

TB=Tennis Ball

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

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

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

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

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

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

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

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

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

231D \$65 NOS, \$30 used

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

252A \$1200 NOS, \$700 used

261A \$155 NOS, \$80 used

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

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

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

275A \$140 NOS, \$65 used

300A \$900 NOS, \$675 used

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

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

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

331A \$45 NOS, \$23 used

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

350B \$210 NOS, \$95 used

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

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

TRIODES:

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

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

10 Balloon \$80 NOS, \$35 used

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

50 Balloon \$220 NOS, \$120 used

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

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

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

211 RCA / United \$125 NOS

845 \$700 NOS, \$95 used

PENTODES:

6550 Tungsol \$65 NOS

7591A \$34 NOS, \$18 used

616GC RCA (Black-Plate) \$40 NOS

EL34 Mullard \$80 NOS, \$35 used

EL37 Mullard \$75 NOS, \$35 used

KT66 Genalex / Mullard \$80 NOS

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

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

PREAMP / DRIVERS:

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

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

65N7 Sylvania / RCA \$6 NOS

65L7 Sylvania / RCA \$4 NOS

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

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

12AT7 / ECC81 Telefunken \$30 NOS, \$6 used

EB8CC Telefunken (Gold Pin) \$40 NOS, \$18 used

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

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

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

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

We will meet or beat any written offer!

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

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

MICROPHONES:

Neumann U-47

Neumann U-67

Neumann U-87

Neumann KM84

Neumann M-50 Omni

RCA 44

RCA 77

Sony C-37A

Telefunken ELAM 251



TUBES FOR MICROPHONES:

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

Telefunken AC701K \$120 NOS



OUTBOARD / RACK GEAR:

Fairchild 660 / 670 Compressor

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

Telefunken V72 / V76 Mix Pre

Pultec EQ's

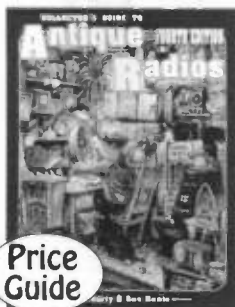
RCA BA6A Compressor

Urei 1176 Compressor

Urei LA2A Compressor

**WE BID ON SMALL OR LARGE LOTS.
IF YOU HAVE ANY QUESTIONS OR IF YOU HAVE ANY OF THE ITEMS LISTED HERE, GIVE US A CALL!**

Order These Popular Books From Antique Radio Classified



**Price
Guide**

The Collector's Guide to Antique Radios 4th Edition by Marty & Sue Bunis. 8,500+ Battery & AC sets from the '20s to the '60s. Updated prices. Many new photos. 1996. Shipping Now. — **\$18.95**
Combined Ed., CD-ROM by Bunis & Kaczowka. Available Now. — **\$39.95**

The Collector's Guide to Transistor Radios 2nd Edition by Marty & Sue Bunis. This book will help you identify the most sought-after vintage transistor radios. Over 2,900 models, all with current prices. Includes radio club listing. 375 all new color photos, 320 pages. 1996. — **\$16.95**



**Price
Guide**

NEW.....

The Collector's Guide to Antique Radios, Combined Ed., CD-ROM, Bunis & Kaczowka. Combines book editions 1-4. Over 9,000 models with pricing. 1,800 full color photos. Requires a web browser. Runs on both IBM & Mac. 1998. **\$39.95**

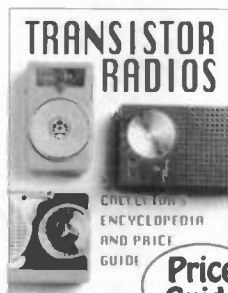
The Collector's Guide to Vintage Televisions, Durbal & Bubenheimer. Size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs made from 1945-1960 and transistor TV sets through 1980. 200+ color photos. Price guide. 176 pgs.. **\$15.95**



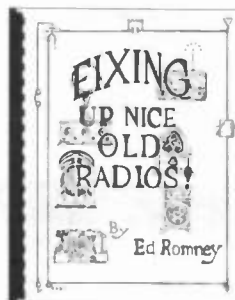
**Price
Guide**

The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed. by Robert Grinder. Over 20,000 radios by manufacturer, model number, year, etc. with prices. Radio history, cabinet style chapters. No photos, 264 pages. — **\$26.95**

Transistor Radios, A Collector's Encyclopedia and Price Guide by Robert Lane and David Lane. Identification guide to over 2,500 transistor and novelty radios. History and key to collecting chapters, 170 pages. — **\$19.95**



**Price
Guide**



Fixing Up Nice Old Radios by Ed Romney. Written by a retired radio instructor. Plastic binding. 300+ figures, 185 pages. — **\$35.00**

Old Time Radios Restoration and Repair by Joseph J. Carr. A self-paced training guide. History, theory and practical operation of antique and classic radios. 200 illustrations, 256 pages. — **\$19.95**



U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).

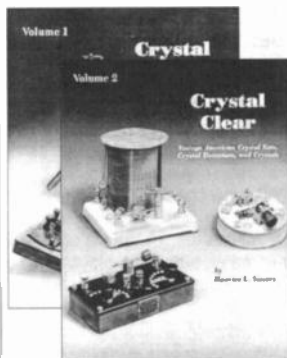


A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



Order These Popular Books From Antique Radio Classified



Crystal Clear Volume 1 and Crystal Clear Volume 2 by Sievers. *Comprehensive reference to crystal sets, crystal detectors, and crystals. Each volume contains different illustrations and information. Order by volume. — \$29.95*

Flick of the Switch by Morgan McMahon. *The classic photo reference guide for 1930s - 1950s radios. 1000+ photos of radios, 5" x 8", 263 pages. — \$11.95*



**Hams! We now have
8 ham books .
See our full page ad**

NEW.....

Radio Tubes and Boxes of the 1920s, Fathauer. *Pictorial presentation of radio tubes of the 20s, including packaging and advertising. 400+ color photos and illustrations. 105 pages. \$26.95*

A Pictorial History of Collins Amateur Radio Equipment, Miller. *The most complete story of Collins told in hundreds of photos and in the words of the men who made it happen. 175 pages. \$39.95*



Guide to Old Radios, Pointers Pictures, and Prices, 2nd Ed. by Johnson. *Introduction to radio collecting. Includes hundreds of photos and a price guide. 272 pages. — \$19.95*

**Price
Guide**

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



The Zenith Trans-Oceanic: The Royalty of Radios by Bryant and Cones. *Presents the fascinating story of the development and use of the Trans-Oceanic. Several photos, documents, ads, etc. 160 pages. — \$24.95*

Communications Receivers, 4th Ed. by Ray Moore. *Information on vacuum tube receivers by 66 manufacturers. 448 radios illustrated, 136 pages. — \$19.95*



U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



FOR SALE: Parting out Airline Deco 62-288, good case. Write or call needs. Alva May, 6623 U.S. Hwy 340, Shenandoah, VA 22849-9728. (540) 652-8638

FOR SALE: RCA Model 8X541 brown Bakelite table radio in excellent condition - \$40 + shipping. Michael Leopold, 788 Duxbury Ln., Bartlett, IL 60103. (630) 540-1282

FOR SALE: Admiral Super Aeroscope Bakelite radio, white enamel, some chips, plays - \$30. Grundig chassis, 9-tube, 5-band stereo, long glass dial - \$15. M.B. Gaskins, WB4MNZ, 227 Risen Ave., Campbellsville, KY 42718. (270) 465-3755

RATE FOR ADDITIONAL WORDS:

29¢ per word

FIRST 20 WORDS FREE!

Cash or stamps OK for small amounts.

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

FOR SALE: Mylar sheets 5 and .010 thick, measure 53" x 40" - \$3/sheet. Insulation paper 5 and .010 thick, measure 32" x 40" - \$1/sheet. Clear lucite rods 3/8" diameter x 25" long - \$1 ea. Bakelite sheets in various sizes and thicknesses, state needs. Radios: AK 246, works, but needs work - \$175; Crosley 10-135 white works great - \$65. Majestic Grandmother clock radio cabinet only for Model 20 chassis - \$150. Three Zenith Trans-Oceanics for parts - \$75 takes all or will separate for \$30 ea. All items plus shipping. Mark Miner, 11430 Tuscarora Ln., Clermont, FL 34711. (352) 394-6596. E-mail: flradiodoc@aol.com

FOR SALE: Tubes: good, used, tested and N.O.S. Please call, fax, e-mail or write your needs. In stock now in N.O.S.: 6EU7 - \$7 ea.; 27st - \$7 ea.; 6K7 - \$2 ea.; 6B8 - \$1.50. Many others in stock. Kirk Cline, PO Box 9462, Greensboro, NC 27429-0462. (336) 288-6903. Fax: (336) 282-8366. E-mail: kirk6922@aol.com or hotmail.com

THE TUBE SHOP

"Your one stop for new old-stock tubes"



Box 231160

Boston, MA 02123-1160

Phone: 617-369-0980

Fax: 617-262-0148

Fax: 617-353-1466

E-mail: tubeshop@quik.com

On the Web at:

www.thetubeshop.com

FOR SALE: Tubes, new and used types you can use. For list - SASE. I want xmr catalogs. Bob Lindahl, 10680 S.W. Wedgewood St., Portland, OR 97225. E-mail: bob@webgypsy.net

FOR SALE: Quality copy of 1921 Remler catalog - \$13.50 ppd. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Ph./fax: (919) 851-1517. E-mail: ekbell@mindspring.com

FOR SALE/TRADE: WWII Ampro 16 mm. sound projector, Model YSA w/Model Y auxillary speaker, exc condition, w/lots of accessories, belts, cleaner, lens, orig. military manual - \$200, OBO. Cool aluminum wall mount coin-op hotel radio, rebuilt - \$125, OBO. Tubes: four 45-STs, all over 80% on Hickock - \$25 ea. or 4 for \$95; two 27-STs - \$10 ea.; one 41 - \$15; one 42 - \$15. Precision Model 612 tube checker, tests miniatures, nuvistors, etc. - \$95. Eico 668 tube checker, metal case, also, checks miniatures and nuvistors - \$95. Donner wow & flutter meter, tube-type, older, very nice - \$75. Baldwin Type C mica diaphragm headset, 4 headphones, 3 work, two earbands, enough for one double and one single set - \$50 all. Conoco transceiver, Model 132 w/antenna & mic - \$10. Always looking for vintage broadcast and recording mics, Neumann CMV-3 bottle, other bottles by Western Electric, Neumann, RCA, others; RCA 77-C mic, black & chrome mic, looks like other RCA 77s, has ring around bottom, will trade liberally. All older desk, floor, boom mic stands, curved leg type, etc. Seriously looking for Zenith Stratosphere 1000, also, WWII enigma spy machine, other WWII spy stuff. Will pay your price or trade liberally! See want ad this issue. Demand items sold to highest bidder, don't be bashful! The more you buy, the cheaper it gets (same as in the last millennium!) Ward Kremer, 5807 Papaya Dr., Ft. Pierce, FL 34982. Ph./fax: (561) 468-7732. E-mail: WKremer798@aol.com

FOR SALE: Newcomb E10 amp with (2) Turner 252 mikes, plus ship - \$75. Robert Rossi, 10936 Melbourne St., Allen Park, MI 48101. (313) 886-8321

FOR SALE: Atwater Kent playing cards in box (no 2-3s) - \$275. White Dahlberg pillow speaker radio - \$175. Coradio, coin - \$65. Montgomery Ward 62-368 teledial w/tuning eye - \$50. Midwest 14 tube chassis and speaker WT - \$50. Zenith 6D311 - \$75. Battery sets NT: Crosley 550 - \$50; Atwater Kent 35 - \$40; Pearson - \$50; Fada 192A - \$110; Thompson Neutrodyne - \$60. All plus shipping. Ken Armstrong, Box 216, Storm Lake, IA 50588. (712) 732-3012

FOR SALE: Sams 1977-3089 complete sets, unused - \$3 plus postage. Joe Koehler, 1919 W. Nimisila Rd., Clinton, OH 44216. (330) 882-5281

(818) 786-2500



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

RADIO CRAZE

John Sakas P.O. Box 4124 So. Hackensack NJ 07606-4124
Phone (201)794-0437 ~ Fax 24 Hours (201)794-8359
visit our web site at <http://www.radiocraze.com>

WANTED



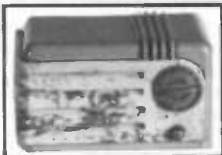
AIR KING SKYSCRAPERS

PAYING \$14,500.00+ for near mint condition red or blue
\$10,000.00+ for green, lavender or yellow
\$3,000.00+ for black and \$2,000.00+ for white or brown
ALSO WANTED ANY COLOR-ANY CONDITION
COLLECTOR PAYING TOO MUCH, CALL ME LAST



TOM THUMB CATALIN RADIOS WANTED

paying \$6,750.00+ for mint cond. red, green, orchid, blue
\$2,500.00+ for any mint condition one
ALSO WANTED ANY COLOR-ANY CONDITION



DETROLA PEE WEE & SUPER PEE WEE WANTED

paying \$800.00+ for mint cond. black, white
\$1,450.00+ for beetle, gray, salt & pepper
\$2,000.00+ for red, blue \$3,500.00+ for green or lavender
ALSO WANTED ANY COLOR-ANY CONDITION

WANTED ANY CATALIN RADIO

ADDISON 2 MAROON & YELLOW \$900.00, YELLOW & RED \$3,750.00
ARVIN 532 ANY COLOR \$2,500.00, BENDIX 526 GREEN & BLACK \$625.00,
DeWALD A501, A502 BROWN \$375.00, YELLOW \$425.00, RED \$1,200.00
EMERSON AU 190 & BT 245 YELLOW \$1,300.00, GREEN \$2,500.00,
DARK RED \$2,700.00, BLUE \$6,850.00, BRIGHT RED \$11,000.00
ESPEY MIDGET, YOU NAME THE PRICE I WILL PAY IT!
EMERSON BM258 YELLOW \$750.00, GREEN \$1,350.00, RED \$2,150.00, BLUE \$4,000.00
EMERSON 564 BLACK \$500.00, GREEN \$1,150.00, RED \$1,650.00
FADA L56, F55, S2, SF50, SF60, 136, 53X, YELLOW \$1,500.00, LT GREEN \$1,750.00
MAROON & YELLOW \$2,200.00, YELLOW & BLUE \$2,500.00, YELLOW & RED \$3,100.00
EMERALD GREEN & YELLOW \$7,000.00, BLUE & YELLOW \$7,000.00
FADA 115, 116 & 1000 ALL YELLOW \$700.00, MAROON & YELLOW \$950.00,
YELLOW & RED \$1,150.00, PEA GREEN \$1300.00, BLUE & YELLOW \$2,550.00
GAROD 6AU1 MAROON \$675.00, YELLOW & RED 1,350.00,
RED & YELLOW \$1,450.00
HALSON ANY COLOR \$1,500.00 TO \$5,000.00
MOTOROLA 50XC ALL YELLOW \$1,750.00, BROWN & TORT \$2,750.00,
RED & YELLOW \$6,000.00, GREEN & YELLOW \$6,250.00,
MOTOROLA S2 YELLOW & TORT \$1,500.00, MAROON & YELLOW \$1,850.00,
GREEN & YELLOW \$2,900.00,
SONORA KM ANY COLOR \$1,600.00,
SENTINEL 284 WAVEY GRILL YELLOW \$700.00, SAND 950.00,
RED 1,450.00, BLUE 6,500.00
SPARTON CLOISONNE ANY COLOR \$3,500.00 TO \$5,500.00, EMERSON 520 \$500.00

always buying any catalin or pre-war colored bakelite radios
We will buy one piece or the entire collection.

"watch out there's a new guy in town"

WANTED

ADDISON 2 MAROON & YELLOW \$900.00, YELLOW & RED \$3,750.00
ARVIN 532 ANY COLOR \$2,500.00,
BENDIX 526 GREEN & BLACK \$625.00,
DeWALD A501, A502 BROWN \$375.00,
YELLOW \$425.00, RED \$1,200.00
EMERSON AU 190 & BT 245 YELLOW \$1,300.00, GREEN \$2,500.00,
DARK RED \$2,700.00, BLUE \$6,850.00,
BRIGHT RED \$11,000.00.
ESPEY MIDGET, YOU NAME THE PRICE I WILL PAY IT!
EMERSON BM258 YELLOW \$750.00, GREEN \$1,350.00, RED \$2,150.00, BLUE \$4,000.00
EMERSON 564 BLACK \$500.00, GREEN \$1,150.00, RED \$1,650.00
FADA L56, F55, S2, SF50, SF60, 136, 53X, YELLOW \$1,500.00, LT GREEN \$1,750.00
MAROON & YELLOW \$2,200.00, YELLOW & BLUE \$2,500.00, YELLOW & RED \$3,100.00,
EMERALD GREEN & YELLOW \$7,000.00, BLUE & YELLOW \$7,000.00.
FADA 115, 116 & 1000 ALL YELLOW \$700.00, MAROON & YELLOW \$950.00,
YELLOW & RED \$1,150.00, PEA GREEN \$1300.00, BLUE & YELLOW \$2,550.00.
GAROD 6AU1 MAROON \$675.00, YELLOW & RED 1,350.00,
RED & YELLOW \$1,450.00
HALSON ANY COLOR \$1,500.00 TO \$5,000.00
MOTOROLA 50XC ALL YELLOW \$1,750.00, BROWN & TORT \$2,750.00,
RED & YELLOW \$6,000.00, GREEN & YELLOW \$6,250.00,
MOTOROLA S2 YELLOW & TORT \$1,500.00, MAROON & YELLOW \$1,850.00,
GREEN & YELLOW \$2,900.00,
SONORA KM ANY COLOR \$1,600.00,
SENTINEL 284 WAVEY GRILL YELLOW \$700.00, SAND 950.00,
RED 1,450.00, BLUE 6,500.00
SPARTON CLOISONNE ANY COLOR \$3,500.00 TO \$5,500.00,
EMERSON 520 \$500.00



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

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

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

Glass Audio

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

Fax: 603-924-9467 Email: custserv@audioexpress.com

Visit our website at www.audloexpress.com

FOR SALE: Communications receivers. Hallicrafters SX24, SX-110, Hammarlund HQ129X - \$110 ea. Realistic DX-160 with speaker, National NC57 - \$65 ea. All working, call for details. Dynaco PAS-3 stereo pre-amp, clean, with original Dynaco/Telefunken 12AX7s - \$175. Philco 70 console with factory shortwave converter built in, rare item, needs cabinet work, all parts there - \$175, pick up only. Add UPS other items. Rick Weibezahl, 305 Belvidere Ave., Washington, NJ 07882. (908) 689-3276

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

**Ads - Subscriptions - Book Orders
See inside front cover for details**

FOR SALE: Double cotton covered magnet wire, sizes 18, 20, 22, 24, and 26 - \$20 lb., one lb. minimum order per size. Visa, MC, Amex accepted. Add UPS or PP. AR residents add 6.125% sales tax. See our full page ad for additional items. PTI, 7925 Mabelvale Cutoff, Mabelvale, AR 72103. (501) 568-1995

FOR SALE: Index for Rider's Radio Manuals Number 1 thru 19, original - \$30. Nikkor lens. James Wright, 4307 Hwy. 166N, Maynard, AR 72444. (870) 647-2913

FOR SALE: Philco 54C - \$50. Philco 54S - \$65. Philco 610B - \$50. Zenith 4K422 - \$50. RCA 46X11 - \$40. Kadette 1019 - \$50. Kadette 1129 - \$50. Air Castle (Spiegel), no model # - \$25. Air Master black dial table model w/eye tube - \$75. Majestic 60 chassis & speaker (restored). Majestic 181 chassis, speaker & turntable. Hickcock #592 tube tester w/manual - \$100. Reproduction & original knobs, parts, etc. for Majestic radios (1928-1934). Can deliver to Charlotte. Chip Taylor, 2223 53rd St., Sarasota, FL 34234. (941) 713-6000. E-mail: chip100@gte.net

FOR SALE: '59 Olds portable auto radio - \$60. Victor 215 hand-wired phono with Federal 200 radio. Scott 1510 chassis - \$65. Protective sec. system WP6000 - \$65. Portable Victrola VV2-55 phono - \$90. Sears childs phono - \$15. Philco 38-10 chairside bar radio - \$175. Sencore SM158 aligner - \$12. RCA 100A speaker - \$65. Motorola tractor radio - \$40. Hudson SA39 radio - \$40. Coronado 2050 - \$100. Zenith X347 11-tube - \$40. (15) NRI Electronic books with (2) Mar-Kus books - \$15. (2) small tube radios - \$20. Zenith 4B131 tombstone - \$100. Philco 60 - \$120. #45 tubes - \$12 ea. (4) Coyne training books with (8) NRI books - \$20. (3) amateur radio books - \$20. Zenith L569 chassis - \$25. Philco 38-34 tombstone - \$100. **WANTED:** Black button assembly for left side of 7S657 Zenith. Walt Wrabek, Rt. 4, Box 370, Menahga, MN 56464. (218) 564-4623

FOR SALE: ...And now a word from our sponsor. Low Power Radio is celebrating its 10th anniversary by introducing the new BC-100 AM broadcast transmitter. Now you can enjoy old time radio programs or vintage music over your favorite antique radio. This powerful transmitter delivers up to 200 mW of crystal clear high fidelity power through your home and near-by neighbors. The BC-100 comes complete with a 1000 kHz crystal, power supply, antenna, and an attractive ABS case. Priced at only - \$129.95 plus \$6 for insured shipping. Order or reserve yours today! Send check or money order to: L. Patrick Ryan, 2122 Marconi Ave., St. Louis, MO 63110. (314) 664-9970, evenings for more information. And now back to The Shadow...

WANTED: Airline 62-351 cabinet, pointer and dia assy. for Emerson 539, cabinet for Garod 5A-2, (2) pushbuttons for Coronado 803, top handle and escutcheon for GE-522, escutcheon for Philco 89. Tony LaMartina, 13325 W. Dahlia Dr., Boise, ID 83713

WANTED: Spartan mirror in lid TV or hex control knobs. Shaw TV (1952) with doors. Fred Ringwald, 2909-A Mesa Rd., Colorado Springs, CO 80904. E-mail: fred.ringwald@wcom.com

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

WANTED: Cabinet for a Crosley 50. Chasses as follow: Aerola Senior, Motorola 51C or 52. Richard B. Jehlik, 14441 N. River Rd., Omaha, NE 68112. (402) 457-4604, after 9 pm. E-mail: rjehlik@creighton.edu

WANTED: Zenith Trans-Oceanic R1000M transistor military radio. John Flippelli, 7950 Tamoshanter, Glen Burnie, MD 21061. (410) 760-2265. E-mail: tea380@aol.com

WANTED: \$\$\$ for RCA CT-100, 21-CT-662U, need not work/complete, other 1950s TVs. Color TVs, Kevin Ross, 909 Martin Cir., #203, Petaluma, CA 94952. (707) 769-8921, after 7 pm PST

WANTED: Radio Rex from the 1920s. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Ph./fax: (919) 851-1517. E-mail: ekbell@mindspring.com

WANTED: Western Electric 216A tubes for restoration project. Can anyone out there help me? Tim James, 17365 S.E. Walta Vista Dr., Oak Grove, OR 97267. (503) 653-0407

WANTED: 6T5 tube in good condition. Sandy Gerli, AC1Y, 500 Country Club Rd., Avon, CT 06001. (860) 675-5566

WANTED: Need instruction manual for Morris coil winder. Photocopy OK. Tod Prowell, W3URG, 413 North York Rd., Mechanicsburg, PA 17055. (717) 697-5227

WANTED: Grunow 8B4 speaker. Cabinets for: Grunow 654. RCA 86T1, RCA 811K, Majestic 44 chassis, radio station verification (QSL) cards, letterheads, etc. prior to 1940. Radio Retailing magazine (1925-1930). Radio Today magazine (1935-1941). Radio Weekly, Talking Machine & Radio Journal. Majestic, Grunow & Rogers-Majestic paper. Can pick up on the way to Charlotte. Chip Taylor, 2223 53rd St., Sarasota, FL 34234. (941) 713-6000. E-mail: chip100@gte.net

ANTIQUE TUBES

NEW Colorful Catalog of Pre-Octal and Collector Tubes

for copy - e-mail: fathauer@home.com
 or send request to:

George H. Fathauer & Assoc., LLC
 688 W. First St., Ste. 4, Tempe, AZ 85281
 Phone: 480.968.7686 Fax: 480.921.9961

TUBE BID LIST AVAILABLE

WANTED: Crosley flip-top AC-DC radio Model 11-30X. Gordon Woodruff, 509 Rosewood Dr., Smithfield, NC 27577. (919) 934-4000. E-mail: gowoodruff@worldnet.att.net

WANTED: Mini reel wire and tape recorders for cash or my nice transistor radios, crystal sets. Jon Golden, Box 5077, Wayland, MA 01778. (508) 653-4140. E-mail: 3dman@ziplink.net



WANTED: Fada Catalans. I like 'em perfect or in pieces - whatever you have to offer. Don't humiliate yourself by letting some other "big shot" collector take advantage of you. Go ahead and use me. Uh oh! Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Pot metal capacitor for Geo. Walker multi-unit from Work-Rite. Michael Crain, 3 Hillside Ave., Harveys Lake, PA 18618-9782. E-mail: mcrain1952@aol.com

WANTED: I am looking for the book titled Simplified Radio Servicing By Comparison Method, published by M.N. Beitman in the early to mid 40s. It is an 8 1/2 x 11 with soft covers. Also wanted old style body-end-dot color coded resistors in 1W and 2W. M. Franzen, 3618 Effie St., Los Angeles, CA 90026. E-mail: mfranzen@neteze.com



NEW QUALITY CAPACITORS:



Volt 630 Axial Leads

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

ELECTROLYTICS:

Volt 160 Axial Leads

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

Volt 450 Axial Leads

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

To order, Send Check or Money Order to:

BOB'S ANTIQUE RADIOS AND ELECTRONICS

111 East 29th Street La Grange Park, Illinois 60526

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

Visit radioliquor.com or e-mail: radiobob1@aol.com

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

Shipping & Handling included in price. **Comparison price only

*Sold in 25 piece lots - No Minimum Order

Looking for a Price Guide?

The Collector's Guide to Antique Radios, 4th Ed., Bunis. *This guide covers radios from 1920s to 1960s. Over 8,500 prices and many all new color photos are included.* **\$18.95**

The Collector's Guide to Antique Radios, Combined Ed., CD-ROM, Bunis & Kaczowka. *Combines book editions 1, 2, 3, and 4. Over 9,000 models with pricing. Model number index for all manufacturers, photo index by category. 1,800 full color photos. Requires a web browser. IBM & Mac.* **\$39.95**

The Collector's Guide to Novelty Radios, Bunis & Breed. *The source for novelty transistor radios in all shapes & sizes. Radios are described in detail with current prices. 600+ color photos. 224 pgs.* **\$18.95**

The Collector's Guide to Novelty Radios, Book II, Bunis & Breed. *All new 2nd volume. New radios are described with current prices. 600+ all new color photos. 208 pgs.* **\$19.95**

The Collector's Guide to Transistor Radios, 2nd Ed., Bunis. *Identifies the most sought-after vintage transistor radios. Over 2,900 models, 375 all new color photos, with current prices. 320 pgs.* **\$16.95**

The Collector's Guide to Vintage Televisions, Durbal & Bubenheimer. *Includes information about the size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs made from 1945-1960 and transistor sets through 1980. 200+ color photos. 176 pgs. New.* **\$15.95**

Genuine Plastic Radios of the Mid-Century, Jupp & Piña. *Overview of plastic table radios with ads, vintage black & white photos. 439 color photos. 208 pgs. Hardcover.* **\$39.95**

Ham Price Guide, 2nd, Eugene Rippen. *Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 81 pgs. Softcover.* **\$10.95**

The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed., Grinder. *Directory of over 20,000 radios by manufacturer, model number, year, etc., with prices. History, cabinet styles, vacuum tube development chapters. 500 pgs.* **\$26.95**

Radios by Hallicrafters, 2nd Ed., Dachis. *The most definitive book on the company. Over 1,000 photos (some color) on everything they made. Additional coverage & updated pricing. An invaluable tool for anyone interested in Hallicrafters. 225 pgs. New.* **\$29.95**

The Talking Machine, Fabrizio and Paul. *Contains over 550 photos of internal and external horn photographs. The text and value guide, complemented with lots of visuals, make this book a must in your library. 256 pgs. Hardcover Only.* **\$69.95**

Transistor Radios: 1954-1968, Smith. *Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. Color photos and price guide. 160 pgs.* **\$29.95**

Transistor Radios, A Collector's Encyclopedia and Price Guide, Lane. *Identification guide to over 2,500 transistor & novelty radios. History & key to collecting chapters. 170 pgs.* ... **\$19.95**

Zenith The Early Years, 1919-1935, Bryant & Cones. *Explains the Zenith story. Discover never published photos, documents and info. 300 photos & illustrations, 120 color. 224 pgs.* **\$29.95**

Zenith Transistor Radios, Evolution of a Classic, Smith. *A complete listing of all transistor radio models created by Zenith from 1955-65. Color photos and price guide. 160 pgs.* **\$29.95**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

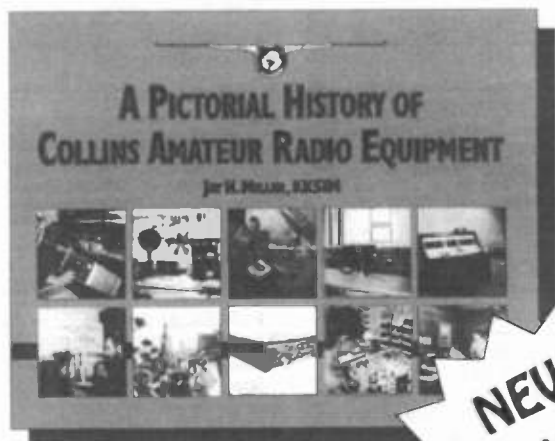
Fax: (978) 371-7129 - E-mail: ARC@antiqueradio.com - Web: www.antiqueradio.com



(Jan-00)

A Pictorial History of Collins Amateur Radio Equipment

By Jay H. Miller, KK5IM



**NEW!
Order
Today!**

**Early Gear, War and Recovery
History of SSB Development
The Full Story of the S-Line
Never Before Told Stories
100s of Original Photos – Many Full Color
Fully Indexed – 175 Pages**

\$39.95

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

FOR SALE: Zeniths. T-Os: Y-600 with manuals, plays, exc - \$145; T-600 vg - \$120. A835 wood table vg - \$30. 5F166 console vg - \$130, pu. Buzz Miller, 725 Mt. Rock Rd., Carlisle, PA 17013. (717) 776-3279. E-mail: buzzm@sprintmail.com

FOR SALE: New: New design Zenith t-shirts and sweats: The prewar Zenith neon window sign in electric green and orange! T-shirts, all sizes - \$14; sweats - \$22. Call for more info. Glass rods for your Zenith 5S317 - \$8 ea; Toothed drive belt for the Zenith 7000 - \$5 plus \$1.50 shipping. Rubber gasket for the dial glass for Zenith and other brands - \$3 per foot. Brass inserts for Zenith Trans-Oceanics and 1942 Zeniths - \$5 each or 2 for - \$8. Also H500 and 600 knobs with inserts - \$15. We stock a large selection of quality repro grille cloth. Lucite dial lens 1942 Zeniths - \$16. Universal Dial Belt Kit - \$9.95 ppd. Complete speaker repair - Call. New free parts and supply catalog. Visa, Discover, MasterCard. Alan Jespersion, PO Box 17338, Minneapolis MN 55417. (612) 727-2489, 8 am to 5 pm, Tues.-Fri., Sat. 10-3. Fax only: (612) 821-4821. E-mail: mte612@aol.com

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

FOR SALE: Hom drivers - \$25 ea. Baldwin, AK Type 5V, Utah. Crossovers, Wharfedale Type A, (1) only, N.I.B. - \$25. Altec N-3000-B, (2) ea, N.O.S. - \$25 ea. Vibrators, (10) ea, 6 & 12V - \$20. Telefunken Jubilate, Model 5161W, exc - \$160. Tubes: 2A5 (4) ea N.O.S. - \$20. 5632/C3J, N.I.B. - \$40. Radiotron UV-877, N.I.B. - \$25. Radiotron UV-876, N.O.S., no box - \$45. Shipping extra. Joel Camicia, 1811 N.E. 58th Ave., Portland, OR 97213-4103. (503) 287-7832

FOR SALE: Kikusui COS6100M manual - \$40. Pace desolder/rework units: PP8087U - \$70; PPS101 - \$60. Robert Morrison, 10238 117th Ln., Live Oak, FL 32060. (904) 362-1521. E-mail: rmorison@suwanneevalley.net

FOR SALE: Realistic PRO-2004 service manual - \$12. 1977 U.S. radio amateur callbook - \$5. Dave Minchella, 80 N. Campfire Rd., Henrietta, NY 14467. (716) 359-3337. E-mail: djmradionut@juno.com

FOR SALE: RCA beat frequency oscillator #IMX-134A - \$50. Heath FET transistor checker IT-3120 - \$55. Heath VTVM #IM-13 - \$29.95. Ernest Odeneal, 2710 Lee, Greenville, TX 75401. (903) 455-2113 or 455-5788. E-mail: odeneal@webwide.net

FOR SALE: 1940s Mills jukebox, plays 78s - \$600, can bring to Feb. swapmeet in GA. Steven Thompson, 7281 Coral Lake Dr., Flowery Branch, GA 30542. (770) 965-8692

FOR SALE: National SW3 good - \$350. NR110 needs some work - \$150. Both plus shipping. Sid Swedenski, 142 Franklin Dr., Yorkton, Saskatchewan, Canada S3N 2G6. (306) 645-4491. E-mail: s.swed@sk.sympatico.ca

FOR SALE: Philco mint cathedrals #70 - \$525; #90 - \$825; Sperton 557 blue - \$2,750. Richard Bednarcik, 28 Steele Ave., Lincoln Park, NJ 07035. (973) 694-6374

FOR SALE: Grundig, Sony, Garrard original sales brochures 1960s/1970, mint condition, (5) for - \$10. Ellsworth O. Johnson, 364 S. Coeur Dalene St., Spokane, WA 99204-1063. (509) 838-2161. E-mail: eojohnsonw2@home.com

FOR SALE: Loop wire, 19/32 strand, dark brown nylon braid covering. SASE or <http://people.ne.mediaone.net/oldradiodays/index.html>. Charles A. Days, PO Box 80205, S. Dartmouth, MA 02748-0205. (508) 979-3758. E-mail: oldradiodays@mediaone.net



Antique Electronic Supply wants your tubes!

NEW TUBES

300A WE	\$300.00	845	\$125.00	5892-Red (Red Base)	\$30.00	V201A	\$24.00
300B WE	\$350.00	211A/T4C	\$75.00	65N1GT-B (Full base, USA only)	\$4.00	171-A	\$20.00
Engraved base on above adds	\$50.00	6CD7/EM34	\$24.00	6900 (Bandix)	\$10.00	282	\$14.00
274A WE	\$175.00	EM335	\$20.00	123X7GT	\$3.50	WD-11	\$17.00
274B WE	\$150.00	2A3	\$24.00	6JUE6/BL06	\$17.50	01A (ST)	\$15.00
275A WE	\$75.00	2A3 Single Plate	\$75.00	20LF6	\$27.50	30 (Must say 30)	\$5.00
310A/B WE	\$15.00	5092 (Bandix)	\$15.00	6J56C	\$20.00	31	\$4.00
262A/B WE	\$50.00	5AR4/GZ34 (European USA)	\$25.00	6K6DE	\$15.00	684	\$12.00
348A WE	\$50.00	7868	\$16.00	6K8GT	\$15.00	6A8	\$4.00
417A WE	\$15.00	6A3	\$12.00	6K9V	\$12.00	6ABG	\$5.00
420 WE	\$25.00	12AX7A-Tele (Smooth Plate)	\$30.00	6L6	\$14.00	6ABGT	\$2.50
421A WE	\$15.00	12AX7A (Mullard)	\$30.00	6V6GT	\$14.00	83V	\$5.00
437A WE	\$30.00	12AX7A (Amperex B B)	\$25.00	6V6ZB20	\$8.00	8F6GT	\$5.00
412A WE	\$10.00	12AX7A (RCA)	\$10.00	41-ST	\$2.00	6VA/EZB0	\$5.00
6CA7-EL34-M (MULLARD)	\$40.00	12AT7	\$15.00	27LF6	\$18.00	41-ST	\$2.00
68Q5-EL84	\$8.50	(Tele Mullard Amperex B B)	\$4.00	40K66A/PL519	\$3.00	5Y4G	\$3.50
68Q5-EL84 (Tele Mullard Amperex B B)	\$12.00	12AT7 (RCA)	\$15.00	6J8	\$5.00	6386	\$16.00
6V6GT	\$6.00	(Tele Mullard Amperex B B)	\$5.00	8950	\$35.00	6072-A	\$4.00
6550 (Tung-Sol)	\$40.00	12AU7A (RCA)	\$12.50	M-2057	\$50.00		
6L6GC (RCA Black Plate)	\$25.00	6DJ8	\$12.50	8908	\$35.00		
1789A	\$12.50	(Tele Mullard Amperex B B)	\$8.00	42K48	\$3.00		
7027A	\$25.00	7308GP (Gold Pin)	\$10.00	31L06	\$7.00		
7591A	\$32.00	7025 (Can have only 7025 on glass)	\$10.00	6K8S	\$6.00		

B B - Bugle Boy
Tele - Telefunken

USED TUBES

300A WE \$150.00	437A WE \$15.00	2A3 Single Plate \$50.00	6K9V \$8.50	V201A \$12.00
300B WE \$175.00	6CA7/EL34 (Mullard only) \$20.00	8A3 \$5.00	6L6 \$7.00	171-A \$10.00
Engraved base on \$50.00	8417 \$10.00	6JUE6/BL06 \$6.00	21J58/23J56 \$4.00	282 \$12.00
above adds	7591A \$18.00	6L6/6BMH6 \$14.00	8950 \$25.00	WD-11 \$30.00
275A WE \$45.00	845 \$50.00	20LF6 \$14.00	M-2057 \$36.00	01A (ST) \$8.00
310A/B WE \$7.50	211A/T4C \$15.50	6J56C \$4.00	8908 \$17.50	30 (Must say 30) \$3.00
421A WE \$8.00	2A3 \$12.00	6K6S \$4.00	X201A/301A \$7.50	

We need the following tubes. All must be well known brands (GE, RCA, Sylvania, Tung-Sol, Philips, etc. of U.S. or W. Europe manufacture). New tubes must be in original boxes. All tubes subject to inspection. Ship by UPS (ground); we'll mail a check upon receipt and testing of prices shown plus your shipping charges. Call or fax for buying procedures and complete bid list. Call before sending more than 15 pieces of one type tube.

CALL FOR OUR FREE 72 PAGE CATALOG!

6221 S. Maple Ave. - Tempe, AZ 85283 (480) 820-5411 FAX (480) 820-4643 or (800) 706-5788
www.tubesandmore.com E-MAIL info@tubesandmore.com

WANTED: Heathkit M.I. Handitester, Heathkit coffee mug, Kenwood KR-2600. Tom Farkas, 14847 Fremont Ave. N, Seattle, WA 98133. (206) 283-5501

WANTED: Mitchell, Mitchell brand radios & appliances, except bedlamp and tall clock radios. Many needed. Lee Mitchell, The Mitchell Collector, 175E Delaware 8209, Chicago, IL 60611. (312) 337-3123. E-mail: toystoys@webtv.net



WANTED: Zenith Stratosphere radio, as pictured. Will say "Zenith Stratosphere" on dial. Steve Chapman, 1602 Alexander, Waxahachie, TX 75165. (972) 938-2720 or (972) 938-2726

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

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

(Please no classified ads by phone. Thanks!)

WANTED: Chassis for Philco 37-650X console. Michael Bajari, 4963 Quimby Ave. NW, Annandale, MN 55302. (320) 274-5629

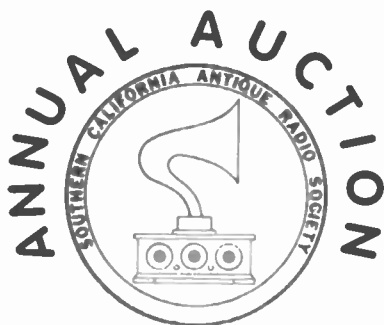
WANTED: Interested in acquiring businesses that serve the vintage radio and electronics marketplace. Send information in strictest confidence to: Radio Daze, LLC 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: 1930s console radios for restoration projects. In NJ, PA, DE or MD. Bill Wiley, PO Box 713, Hainesport, NJ 08036. (609) 267-9025



WANTED: Emerson Catalin radios. Would you believe that my mother's last request is that I gather every known example of this radio ever made. I guess she wanted me to suffer a long time. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Tubes. I am looking for N.O.S. Sylvania & GE 6CA7/EL-34 fat bottle, RCA & Tung-Sol 12AX7A, 7025, & 6V6GT, and Tung-Sol 5881/6L6WGB brown base. Steve Harrell, 1179 Boylston St. #30, Boston, MA 02215. (617) 549-3962. Fax: (617) 236-5659



**February 19, 2000
Van Nuys, CA**

**200+ Items to be sold
7:30-8:30 am Item Check In
9:00-9:45 am Preview of Items
10:00 am Auction Begins
Professional Auctioneer**

Pledged Item Examples:

- Kennedy XXX
- Philco 71A
- Sets of 01A's - 2@3 ea., 1@6 ea.
- Grebe MU1 syncro/chain
- RCA 3-BX-671 (2)
- Stewart-Warner 102
- Hallicrafters SX28, SX28A, S36, SX42, SX62A, SX100, SX111
- R390A VRR
- Capehart 113K2 console w/"flip over" changer
- Tube testers - Hickok 550X, I-177 w/adaptor kit, Heath TC2
- Stromberg-Carlson 1A

Rain or shine indoor location: Saint Andrews Lutheran Church, 15520 Sherman Way, Van Nuys, CA 91406

Local motels & additional information SCARS Gazette February 2000 or from Ricki Glassman, Auction Chairman - (818) 993-4560, or Thurston Armstrong, SCARS President - (310) 822-8382

Buyers & sellers must be Southern California Antique Radio Society members (membership available at the door for \$15)

FOR SALE: Philco Model 66, tombstone - \$160; Country Guild telephone radio, circa 1956, works - \$95; Crosley 52T - \$45; L600 Trans-Oceanic, needs on/off knob, plays, w/log book - \$120; Philco console, 40-180, parts - Call; American Bosch 610 - \$115; Minerva wooden radio, BC/SW, Model ? - \$65; novelty bumper car radio, w/cassette and orig. box - \$85; Firestone Air Chief, Model 7483-8 - \$95; Sentinel wood tabletop, w/ships wheel as dial - \$90; Ward's Airline Mod 62-370 w/eye - \$150; Zenith Royal 755G, leather - \$45; 1949 Plymouth car radio with chrome escutcheon, 7 push buttons, looks nice - \$60; Zenith transistor and clock radio, swivel, Mod Y-280A, Aristocrat - \$45; Transistor Americana, Model 620, in box - \$25; RCA Mod 68R1, large Bakelite - \$95; Panasonic, AM only, transistor radio, Mod R1599 - \$35; RCA 86T1, BC/SW, parts - Call; ARC 5-part radio - \$20; Zenith Model K-510 - \$35; Silvertone Model 8260 - \$70; Erud German radio, AM/FM, Mod Rekord Junior 196 - \$55; Arvin Model 68, circa 1939, part radio - Call; Truetone D2026B - \$45; Knight FM Monitor, Mod K6220, nice - \$20; Motorola Model 42B, chassis w/tubes and eye tube - \$60; Heathkit Marauder transmitter, HX10 - \$65; Heathkit Seneca transmitter, Model VHF1 - \$55; Webster Chicago record changer, 160-1 - \$40; Sprague Quik Test, KT-1, good eye tube - \$20; Truetone D3840, really nice, plays - \$55; Emerson 595A - \$70; Wards Airline 84GBE1062A - \$55; Arvin 35-86 - \$55; National NC57, part radio - Call; Victrola 4 portable wind-up phonograph, Mod 2-60, circa 1925 - \$95; (3) RCA Globetrotter radios, 8BX6, all three for - \$65, or - \$25 each; Truetone D1011, pushbutton - \$60; The Radio Handbook by William Orr, 16 ed., 448 pp. - \$14, and 10th ed. - \$12; Fundamentals of Vacuum Tubes by Eastman, circa 1941, hardback - \$25; have other radio books - Call; Hallicrafters S-40 and S-100 parts - Call. Have Trans-Oceanic parts. All of the above + S&H. Ron Crowe, PO Box 117, Handley, WV 25102. (304) 442-8179. E-mail: rcrowe@wvutec.edu

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

INDEX TO ANTIQUE RADIO CLASSIFIED

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

INDEX TO AWA PUBLICATIONS

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

Still available:

Tube Lore

A Reference for Users and Collectors

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

Ludwell Sibley
102 McDonough Rd.
Gold Hill, OR 97525

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

FOR SALE: Westinghouse M. H+I22, radio/phono detachable radio mahogany case @9 - \$75. Heathkit vis-audio sig. tracer M T-3 A/O N/D has power - \$45. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: (413) 245-0441

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

FOR SALE: Drake TR4C and M4. **WANTED:** Working Philco 70 chassis. Tom Wagner, 392 State St. 3-F, North Haven, CT 06475. (203) 407-1832. E-mail: Tomaswgnr@aol.com

FOR SALE: Dial belt kits, dial lamps, cloth covered power cord, capacitors, Hammond transformers, refinishing supplies, etc., etc. Check out www.radiodaze.com. Radio Daze, LLC 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com

FOR SALE: Tornisler radio Type E.B. (1944) WWII military, plays, good condition with German symbol - \$300. VE 301 working with tubes - \$150. R. Staffeldt, Tempelhofer Damm 185, 12099 Berlin, Germany. Fax: 011-49-30-75704882

FOR SALE: Crosley Model 9-122W, cabinet original paint nice, with back, one knob missing. Sentinel Model 724E-1745, 6D6 tube missing, power transformer replaced, no back, 6G5 eye tube missing, dial, grille & cabinet front & side very nice, top is so-so, dark trim needs repainting. Kellogg candlestick phone, rough, 1906 pat. date, coil & receiver hook switch in base, voice cone missing. Musicaire wood AM radio original grey paint, no back. Silvertone 6002, 4-tube metal midge, no pointer knob. Emerson brown Bakelite, repairable crack at vol. control extends across base, dial & grille trim OK. Gloritone Model 27, upside down chassis, good 45 output tube. Needs dial escutcheon. Airline 6 pushbutton and eye tube radio, 2 bad push buttons, 1/4 inch drilled hole on back near top, 6 volt battery home radio? Belmont Model 93BR-564A, dial trim cracked, cabinet front and ends excellent, with so-so 1266 vibrator, Operadio ten station intercom, historical item, cabinet quite good. Welch Scientific meter long laboratory resistance divider, adjustable, nice scale divider, complete. All items require payment up front. All shipping on receipt of checks to cover item and shipping cost. Frontier Capacitor, Everett Hoard, Box 218, Lehr, ND 58460. (701) 378-2341. Fax: (701) 378-2551. Toll free (877) 372-2341. Voice mail on at all times. E-mail: fmtcap@bektel.com



WANTED MICROPHONES

BROADCASTING EQUIPMENT

Amplifiers, mixers, compressors, on-air lights.
Mike flags, equalizers, literature, TV cameras.
Disk, wire & tape recorders. 16" transcriptions.
Turntables, arms, pickups, blank discs, speakers.
Commercial, home & theater audio. Interesting,
early or elaborate radio & TV sets. Buy & sell.



Robert Van Dyke, 2 Squires Ave., East Quogue NY 11942
Tel. 516 728 9835 Fax. 516 723 3538 vandyke@hamptons.com

Announcing a major new CD-Series



Collins Radio CD Technical Series

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

Volume 1 - Receivers

Volume 3 - Transceivers

Volume 2 - Transmitters & Amplifiers

Volume 4 - All accessories, etc.

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

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

Other Radio Era CD-ROM Publications

Complete Riders Troubleshooters Manuals - highest resolution with database search

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

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

The Radiophile Series - 3 volumes

The Antique Radio Repair Series - 2 volumes

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

Military R390-R390A/URR Technical CD-ROM

REA-Riders accurate index on CD-ROM

Sam's Dial Cord Series CD-ROM

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

Amos 'N Andy

and more on the way!

SCHEMATIC DIAGRAM & SERVICE MANUALS

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

2043 Empire Central

Dallas, Texas 75235

Inquiries: 214-358-5195

Fax: 214-357-4693

Email: tsm@radioera.com

Hours: 9-5 M-F CST

RADIO ERA ARCHIVES

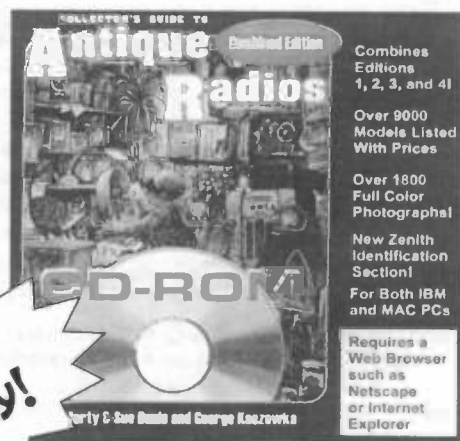
Visit us on the Internet:

<http://www.radioera.com>

We take all major credit cards

Collector's Guide to Antique Radios Combined Edition – CD-ROM

By Marty & Sue Bunis and George Kaczowka



**Order
Today!**

Combines Book Editions 1, 2, 3, and 4!

Over 9,000 Models with Pricing

1,800 Full Color Photographs

Model Number Index for All Manufacturers

Photo Index by Category

Runs on both IBM and Mac

Requires a Web Browser, such as Netscape Navigator or Internet Explorer

\$39.95

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

The Collector's Guide To Antique Radios - 4th Edition

By Marty & Sue Bunis



**Order
Today!**

**8,500+ Battery & AC sets from the '20s - '60s
400+ color photographs
Updated prices
\$18.95 - Softcover**

There are no transistor radios listed in the fourth edition. You will find them in
The Collector's Guide to Transistor Radios available from A.R.C. for \$16.95.

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

FOR SALE: Atwater Kent Model 567, extremely rare and hard to find radio - \$685. Sid Stivland, 17725 6th Ave. N, Plymouth, MN 55447. (612) 475-1332. E-mail: sgstivland@mmmpcc.org

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: TV-2C/U military tester - Best Offer. John Birck, 458 East 600 North, Orem, UT 84097. (801) 224-1216

FOR SALE: 12" field coil speaker and Wavemagnet from Zenith 9S263 (chassis 5905) - \$65. Optonica tape decks: 1) 2-motor professional style, RT3535 w/auto. locate - \$35; 2) RT6001 w/auto search - \$15; (2) Zenith Space Command receivers w/motors, and clickers - \$15 each. Plus UPS. WANTED: Tombstone cabinet (internal dimension: 15" wide, 9.5" deep, 23" tall). For Zenith 9S263, wiring diagram, 3 knobs (not tuning ones) and 6T5-G. Philco 37-116-122 owners manual (or copy). Dick Friedman, 1502 Elmwood, Wilmette, IL 60091. (847) 803-3050

FOR SALE: Capehart, Scott, other elaborate consoles, quality professional/home tube audio. On Ebay: randyke. Robert Van Dyke, 2 Squires Ave., East Quogue, NY 11942-4606. (516) 728-9835

FOR SALE: Auto radios 1950 Mercury - \$165. 1965 G+O AM - \$75. 1968 Chevelle AM-FM - \$200. 1970 Chevelle AM-FM - \$250. All serviced, other available. Ron McGee, 217 Crestbrook Dr., Jackson, MI 49203. (517) 789-6400



Craig L. Graybar Furniture Works Ltd.

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

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



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



"We Turn Ideas Into Heirlooms"

FOR SALE: Parts, tubes, books, equipment. SASE or email for list. WANTED: Large B-7971 nixie tubes & sockets. Swan 444 desk mic. Wayne Letourneau, PO Box 62, Wannaska, MN 56761. E-mail: wb0cte@arrl.net

FOR SALE: Sony component TV tuner VTX-1000R - \$35; Heathkit, the ultimate Heathkit, their Model GR-4500 45 inch projection TV, call for details - \$200. Fisher 250TX receiver (solid state) - \$125. Fisher 440-T (solid state) - \$125. H.H. Scott Model 99A (1954) mono. amp - \$125. RCA transistorized portable radio RGM-49E - \$30. RCA tube type portable radio (1955) Mod 6B-5B - \$30. EICO 667 tube tester (with roll chart & data) - \$125. Goodmans (England) 15 inch woofer - \$50. About 125 Sams AR (auto radio) books - \$6 each. About 3000 Sams Photofact folders, call for model lookup and available numbers - \$3 each. Bell & Howard 16mm sound movie projector Model 1535B - \$100. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

FOR SALE/TRADE: Realistic DX440 w/box - \$160. Pearlless Navigator works - \$45. Will trade for other multibands. Scott Howard, KA8THW, 165 Renfrew Ave., Adrian, MI 49221. (517) 264-4452, days. (517) 263-8890, after 5 pm

FOR SALE: Save shipping, order new radio photo and price guide Machine Age To Jet Age III with your other purchases - \$27.95, \$2 off cover price. Stromberg Carlsons: 231F mirror top chairside; 130H; 130R; 225H; Zenith 701 - \$135. Zenith 5S327 - \$325. Sony Earth Orbiter. Triangle Industries, Belmont chassis, candy-colored oval glass dial - \$250. Zenith 4V31 - \$195. Zenith 40A. Stewart Wamers: 1421 (R142 AS) Deco - \$135. Highly marbledized GE brown Bakelite H500U - \$195. Canadian Westinghouse 501 brown Bakelite - \$180. Philco 38 690. Cathedrals: Zenith LH - \$395; Zenith 210 - \$395; Zenith 805 - \$425. To reference our Zenith models, order our 60 page 11 x 17 Zenith Brochure Book for - \$28.95 ppd. The Story Of Zenith: I have a small quantity of this 1954 booklet Zenith reprinted 10 years ago - \$9 ppd. Most Trans-Oceanics available - Call. Many Rider's manuals available including 3, 4, 17, 18, 20 - Call. Zenith consoles: Aviatix; 15S373; 15U270; 12H689; 12S568; 12S569; 12S471; 12S370; 12S371; 12S265; 12S268; 12U159; 12U158; 12A58; 12A57; 980; 11S474; 10S470; 10S153; 10S155; 10S156; 10S160; 9S54; 9S55; 9S262; 9S264; 9S365; 9S367; 8S154; 8S463 (5808); 8S359; 7S261 bookcase; 6S362; 7S363; 7S364; 775B; 755 and many others. Zenith chairside: 9S242, 9S244; 9S344; 7S342; 7S340; 7S240; 6S239; 6S238; 6S203 phono; 6S241 bar radio. Zenith table models: 4K535; 5S126; 5S127; 5S319; 6S322; 6S528; 7S432; cathedrals: LH; L; 210; 805; 6D029; 6D630; 7S323; 6S439; 6V27; 6S27; 6S128; 6S229; 8S443; 10S130; 12S445; 8S531; 288; 711; 807; and others. Others available: Stromberg, Philco, GE RCA, Fada. We can and do ship consoles and we do it right. All radios unrestored electrically unless noted. Satisfaction guaranteed, highest quality assured. New free parts and supplies catalog, request. We offer complete chassis restoration service on all radios, including complete speaker repair - Call. Visiting Minneapolis? Visit our store at 5200 Bloomington Ave., just 5 minutes from the airport. Visa, MC, Discover. Alan Jespersen, PO Box 17338, Minneapolis MN 55417. (612) 727-2489. Fax: (612) 821-4821, 8 am to 5 pm, Tues.-Fri., Sat. 10-3. E-mail: mte612@aol.com

WANTED: Military LS-7 speaker. Michael Harrington, PO Box 250995, Little Rock, AR 72225

WANTED: Volume control for RCA Model T80. Radio tone arm and dial cover for Philco 41-603. Joseph Loubriel, #30 Rt. 17, Box 29, Southfields, NY 10975. (914) 351-5868

WANTED: Grunow chassis 7B for tombstone 750, supplemental papers for Knight KG-600B, Supreme Instruments 589 and N.R.I. Model 70 tube testers. Owners manual Bearcat BC-12 & xtals. Dial bezel for Silvertone 110. Contact: Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: wlbgr@aol.com

WANTED: RCA Broadcast News, Allied, Lafayette catalogs, audio transformers, 1975 Popular Electronics magazine. V. Vogt, 2311 Pimmit Dr. #114E, Falls Church, VA 22043. (206) 295-4418. E-mail: v22043@webtv.net

WANTED: Hallicrafters SX28 tuning knob skirt and dial lock assembly. Detroit grandfather clock radio. Dennis Smith, KN8H, Box 113, Trenton, MI 48183. (734) 675-5847

WANTED: E.H. Scott! E.H. Scott! E.H. Scott! Interested in Scott battery and A.C. sets, military, accessories, advertising, and literature. Check with us before selling your items, we are very serious Scott collectors. Radio Daze, LLC 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. Web: www.ehscott.com

WANTED: Nordmende Tasti, a 1960s FM transistor radio. Andrew Mitz, WA3LTJ, 4207 Ambler Dr., Kensington, MD 20895. (301) 897-5531. E-mail: arm@gnode.org. URL: http://www.somerset.net/arm/fm_only.html

WANTED: 175Kc bobbin wound input IF transf for 24A/35 IF stage. Airline 62-101 chassis and speaker. Keith Park, 31 Barkwood Ln., Clifton Park, NY 12065. (518) 373-0417

WANTED: RCA Radiola 25/28 loop antenna. David Buck, 3630 Wilcox St., San Diego, CA 92106. (619) 224-5821

WANTED: Zenith 7H820/7E01 AM/FM chassis or junker. Knobs for Zenith 16" porthole console. Mark Thierbach, 2282 Wehr Mill Rd., Allentown, PA 18104. (610) 712-3432. E-mail: MThierb@aol.com

WANTED: Addison A2 and Fada bullet Catalin radios. I'd like one of each to round out my collection. Thanks. Dave Springer, 1115 Brookfield Ln., Wausau, WI 54401. (715) 355-0271, before 9 pm CST

Old Authors Bookshop

**Wireless Telegraphy Telephony Radio
Television Electricity**

**Books and Literature
Bought and Sold**

PO Box 403 Morrisburg ON Canada K0C 1X0
Tel (613) 543-3337 Fax (613) 543-2380
e-mail authors@mor-net.on.ca

Website <http://www.abebooks.com/home/oldauthors>

WANTED: Navships 91472 AN/URM25B, 91474 AN/URM26, 91688 AN/USM-3A. Originals preferred. David Boardman, 10 Lemaistre, Sainte-Foy, Québec, Canada G2G 1B4. (418) 877-1316. E-mail: davidboardman@sprint.ca



WANTED: Motorola Catalins. I have been commissioned by the Almighty Himself to gather as many of these wonderful jewels for preservation before judgment day is upon us. Forsake these worldly objects before it's too late! I pay cash. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Cabinet and feet for Heathkit PT-1 AM-FM tuner. Manual for Rek-O-Kut N-33H turntable. Doug Fox, 603 S. 12th Ave., St. Charles, IL 60174. (630) 584-5915. E-mail: dfoxradio@aol.com

WANTED: RCA pickup head #43486 for 70-D transcription turntable. Complete arm all right. Thanks. Maurice B. Pope, 39 Highland Ave., Gorham, ME 04038-1701

WANTED: Zenith 25-tube Stratosphere or cabinet, any condition. Will trade from vast supply of fine radios or buy. Will pick up. Alan Jespersen, PO Box 17338, Minneapolis, MN 55417. (612) 727 2489. E-mail: mte612@aol.com

BUY • SELL • TRADE

CATALIN RADIOS



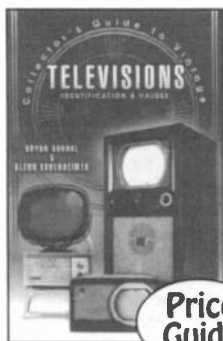
I'll buy single pieces or
whole collections. Top prices paid.

RADIOART

Jim Meehan

P.O. Box 102 • Centerbrook, CT 06409
(860) 526-1762
E-mail: radioart@ntplx.net

New Books for the Collector



**Price
Guide**

Collector's Guide to Vintage Televisions by Bryan Durbal and Glenn Bubenheimer. Includes information about the size of the screen, year of manufacture, cabinet composition, and current value for over 1,400 vintage TVs from 1945-1960 and transistor sets through 1980. 200+ full color photos. 5 1/4" x 8 1/4", 176 pages. Softcover. NEW. — \$15.95

Radio Tubes and Boxes of the 1920s by George Fathauer. A pictorial presentation of radio tubes of the 20s, including packaging and advertising. Over 400 color photos and illustrations. 8 1/4" x 12", 105 pages. Softcover. NEW. — \$26.95



2000 Calendar by Cincinnati Antique Radio Society. Beautiful color photos of vintage radios for all twelve months. NEW. — \$12.50



**Price
Guide**

Zenith Radio: The Early Years 1919-1935 by John Bryant and Harold Cones. The first of a planned 3-book series explains the Zenith story. Never published photos, documents, and information. 300 photos and illustrations, 120 in color. 8 1/4" x 11", 224 pages. Softcover. — \$29.95

Genuine Plastic Radios of the Mid-Century by Ken Jupp and Leslie Piña. Illustrates mid-century table radios made of plastic as examples of industrial design and pop-culture. Vintage B&W photos and advertisements. 439 color photos. 8 1/4" x 11 1/4", 208 pages. Hardcover. — \$39.95 NEW



**Price
Guide**



Radios: The Golden Age by Philip Collins. Colorful Catalin and Bakelite radios from the late 1930s to the early 1940s. Over 100 color photos. 10" x 8 3/4". 119 pages. Hardcover. — \$12.95

The Golden Age of Televisions by Philip Collins. An amazing collection of photos of these early machines that evoke a time when the television was more than merely a box or a screen: it was the center of every home. 10" x 8 1/4". Softcover. — \$15.95



U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Collector's Guide to Vintage Televisions

By Bryan Durbal and Glenn Bubenheimer



**Identification & Price Guide
1,400 Vintage TV Sets from 1945-1960
Transistor TV Sets through 1980
200+ full color photographs
176 pages**

\$15.95 - Softcover

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

FOR SALE: EICO #232 VTVM - \$15; #235 VTVM - \$20; #950B comparator bridge - \$20 + UPS. George Wright, 4181 Enders Way, Doylestown, PA 18901-5611. (215) 340-0413. E-mail: gwright@pennet.com

FOR SALE: RCA Model AR 812 very clean w/tubes as found cond. - \$375. Victor Victrola Model VV-50 first portable sold by Victor exc. cond. - \$350. Edison Standard banner decal 2 min., repro hom - \$725. When you visit NYC stop by the shop we have lots more for sale. Send us your want lists perhaps we have what you are looking for in stock. We are always looking to purchase from single items to fine collections or accumulations of stuff, let us know what you have. For more info contact: Waves, 110 W. 25 St. 10th floor of the Chelsea Antiques Building between 6th Ave. and 7th Ave. Tel: (212) 989-9284. Fax: (201) 461-7121. E-mail: c1wave@aol.com. Shop hrs are from 12-6 Mon.-Fri., 10-6 Sat. & Sun.

FOR SALE: Admiral Beetle beautiful color specs excellent original; Triumph bowling ball 1936; Horn spkr like Jan. A.R.C. 2000 cover; Echophone with 3 exposed tubes; RCA 1432A 15" field coil spkr; RCA transistor #8BT-8FE pink/ivory exc; Regency TR1 ivory w/leather case etc; Garod 5A2 blue/white original; General 5 tube tombstone w/tubes w/beautiful rosette knobs; Emerson table model beaut. Ingraham cabinet, big dial complete original; Emerson 572 black big gold dial complete orig. exc; 16" turq. Emerson 1956 orig. w/built-in antenna works - \$50; 17" Predicta beige - \$175. Call: Bill Kalcik, 3714 S. Lombard, Berwyn, IL 60402. (708) 788-9022, after 9 pm CST

FOR SALE: GMC factory 1967 Chevrolet 8-track tape player Model 7300481, untested - \$85 + shipping. Don Mier, 4009 N. Foxdale Ave., Covina, CA 91722. (626) 338-9225

FOR SALE: A large number of radio and electronic books and magazines. Send LSASE for free list. Gerald Scott, N7WVY, PO Box 2731, Elko, NV 89803

THANKS!

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

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

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

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

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

FOR SALE: Zenith S-14128 table, white, plastic, AC/DC, AM and (2) FM bands, 1946, vg - \$50, plus shipping. Leroy Neal, 603 Butterworth, Dyersburg, TN 38024. (901) 285-5120, after 8 pm CST

FOR SALE: Heathkit IT17 tube tester, ID22 electronic switch, VC3 voltage calibrator, manuals included - \$40 each; all 3 - \$100; shipping extra. Richard Flaws, 212 Mondovi Dr., Oswego, IL 60543. (630) 554-9207

HAS YOUR SUBSCRIPTION

EXPIRED?

**It has if your mailing label reads
"EXP=FEB00" or earlier.**

Renew now!

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

Renewal rates are:

\$39.49 for Periodicals Mailing

\$57.95 for First-Class Mailing

(Two-year renewals are twice above rates.)

FOR SALE: Many E.H. Scott chassis for sale - Call for info, no lists. (15) E.H. Scott consoles for sale. Owners and service manuals for most Scott radios - Call.

WANTED: Cabinet for 25-tube Zenith Stratosphere, or complete rough set, will pick up. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, Tues.-Fri., 8 am-5 pm, Sat. 10-3. Fax: (612) 821-4821. E-mail: mte612@aol.com

FOR SALE: 1938 Zenith 12 tube console Model 12A265AT CH1204A, good cabinet, dull finish, plays like new, original grille-cloth - \$800. Can deliver to most Mid-West summer meets. Arie E. Breed, 1595 N. Van Buren, Ottumwa, IA 52501-2144. (515) 682-6925. E-mail: abreed@lisco.com

FOR SALE: N.I.B. Bud No.Ck-356, LO-coil kit, range 11-210 meters - \$150, ppd. Also N.I.B. LGB passenger train set w/trans. Model 20301 - \$400 + \$35 shipping. John Nosbaum, W9BJP, 2743 Wilmette Ave., Wilmette, IL 60091. (847) 256-0547

FOR SALE: B-K 1077B TV analyst - \$85. B-K 470 picture tube Rejuv-tester - \$55. Conar-NRI test equipment: tube tester #224 - \$30; R/C substitution box #201 - \$10; transistor tester #214 - \$25; signal generator #280 - \$30. Kevin and Kathy Moe, 932 Adams St., Ottawa, IL 61350. (815) 433-4598

FOR SALE: Conrac/Fleetwood Model 800 classic 21" TV, remote tuner, cabinets, excellent with documentation, unused since 1960! - \$200/BO, pickup only. Max Strange, 11710 Wayneridge Ct., Fulton, MD 20759. (301) 725-3858

FOR SALE: Zenith Trans-Oceanic battery pack for all tube models, uses (10) D cells - \$89.95 includes shipping, less batteries. James W. Poitviant, 3 East Darby Cir., Mt. Holly, NJ 08060-3267. (609) 261-0059. E-mail: abbattery@aol.com

FOR SALE: Pair Patrician 800 Electro-Voice speakers, exc - \$8,000. Mr. Neal Vann Jr., 577 Simpson Rd., Trenton, GA 30752. (706) 657-6376

WANTED: Mini-Lab SE400 by Redline Co. Manual for PRD 809 Klystron power supply. Jim Krajovic, N3DKS, 546 Sheridan Ave. N, Pittsburgh, PA 15206. (412) 665-0916

WANTED: Collections, bulk and estate sales of radios, tubes, literature, advertising, etc. Radio Daze, LLC 7 Assembly Dr., Mendon, NY 14506. (716) 624-9755. Fax: (716) 624-7857. E-mail: info@radiodaze.com. Web: www.radiodaze.com

WANTED: Vibrators, vibrators, vibrators and 12V vibrator tester. Channel Master shield tuner spray. Phono idlers needles. Help! I'm a repairman, not a collector/investor. Noel S. Ilg, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: (440) 933-8864

WANTED: EARADIOS, made by Hoch Mfg. and by Micro-phonics ca. 1972, and related paper. Ted Hutson, 11 1/2 Winthrop Ave., Beverly, MA 01915-4139. (978) 922-3405. E-mail: tedhutson@yahoo.com

WANTED: Couple Navy knobs to fit J-38 key. FOR SALE: WD-II substitute units. Details SASE. Dave Smith, PO Box 81, Olney, IL 62450. E-mail: k9uim@otbnet.com

WANTED: Still need schematic and service data for Newcomb #AV-1200AM/FM, ca. 1959. Thanks! Michael K. Tremper, 110 Lynncrest Ter., Cheektowaga, NY 14225. (716) 834-9190

WANTED: Paying \$600 for ZENITH GLOBAL radio 6G004Y in excellent and original condition. Kenneth F. Cerva, 3851 Harbor Heights Dr., Largo, FL 33774-1209. (727) 584-6471

WANTED: Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irena, Valencia, CA 91355. 1-805-259-2011

WANTED: Paying \$800 for ZENITH TRANS-OCEANIC BOMBER 7G605 in excellent condition and original. Kenneth F. Cerva, 3851 Harbor Hts. Dr., Largo, FL 33774-1209. (727) 584-6471

ELECTRON TUBES: Over 1 Million Tubes in Stock. Buy & Sell. Daily Electronics, 10914 NE 39th St. #B-6, Vancouver, WA 98682. 800-346-6667. 360-896-8856. 360-896-5476, fax

WANTED: Broadcast-type MICROPHONES. Early carbon, condenser, ribbons, etc. Cash or trade. James Steele, P.O. Box 620, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphone collectors Internet site: http://www.k-bay106.com/mics.htm.

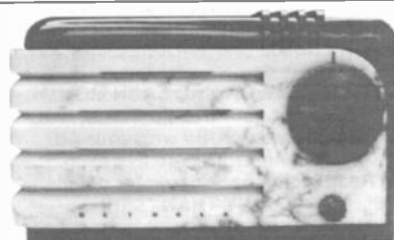
PHONO NEEDLES & CARTRIDGES (magnetic/ceramic). Over 500 cartridges and 5,000 needles. J. J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741

WANTED: 12AP4 CRT. Any condition. TOP \$\$\$ PAID. Steve McVoy, 4350 Dublin Rd., Columbus, OH 43221. E-mail: smcvoy@columbus.rr.com

BOXED CLASSIFIED ADS WORK! This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 1st of the month.

WANTED: Hallicrafters SX-122A communications receiver will pay fair price for an 8+ set. Henry Engstrom, PO Box 5846, Santa Rosa, CA 95402. (707) 544-5179. E-mail: pacifica@sonic.net

WANTED: Zenith 10K volume control & switch for Royal 94Y Inter-Oceanic. George Cortelyou, 1409 Madison St. NE, Albuquerque, NM 87110. (505) 255-3347



WANTED: Prewar plastics by Detrola, Kadette, RCA, Philco, etc. My cousin Vinny and I, we was thinking, "Hey, we got the cash," (a cool mil, to be exact), "so let's spend some before dem girls gets hold of it." You know what I'm saying? Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Philco radio/phone Models 46-1201, 48-1401 and Philco table radio 49-501. Anything Philco Predicta. FOR SALE/TRADE: Audiovox Mod PS 20R 20 amp regulated power supply. Drake TV-3300-LP low-pass filter. Harold LaRoche, 16426 Heiden Cir., Spring, TX 77379-7026. (281) 370-3451

MANUALS for VINTAGE amateur, audio, and radio-related equipment. Web: www.manualman.com or send \$2 for catalog. Pete Markavage, MANUALMAN, 27 Walling St., Sayreville, NJ 08872-1818. (732) 238-8964. E-mail: manualman@juno.com

WANTED: Paying \$3,000 for green ZENITH TRANS-OCEANIC MILITARY JB600 in original excellent condition. Kenneth F. Cerva, 3851 Harbor Hts. Dr., Largo, FL 33774-1209. (727) 584-6471

Victrola Repair Service: Windup phonograph repairs, parts, springs, needles via U.P.S. Rod Lauman, 19 Cliff St., St. Johnsbury, VT 05819. (800) 239-4188, eves.

WANTED: Paying \$1,000 for ZENITH TRANS-OCEANIC MILITARY R-520/URR in excellent and original condition. Kenneth F. Cerva, 3851 Harbor Hts. Dr., Largo, FL 33774-1209. (727) 584-6471

WANTED: Vintage Electronic Music Synthesizers and modules by the following manufacturers, especially the listed models. Aires Modular, System III. ARP 2500. Buchla Modular, 100, 400. E-mu Modular. EML Electrocomp 100, 101, 200. EMS Synthi A, Synthi AKS, VCS3. Korg Modular PS-3100, PS-3200, PS-3300. Moog Theramin, Modular, Series 15, 35, 55. Oberheim SEM modules, 2-, 4- & 8-Voice Systems. Pala Modular 2700, 4700. Roland Modular Systems 100, 700. Serge Modulares, System 79. Synton Modular System. Call and surprise me; make my day! John V. Terrey, 498 Cross St., Carlisle, MA 01741. (978) 369-9770. Fax: (978) 371-7129

FOR SALE: Red Emerson 888 Pioneer, no cracks and works - \$50 plus shipping. Allan Haasken, 8422 Berea Dr., Vienna, VA 22180. (703) 560-4869

FOR SALE: Copies of brochures and instructions, Radiola III and III-A, UZ-1325 loudspeaker, nice two sided card, Edison Diamond Disc Type A100-C150 and C200, Brach complete Aerial Storm King or Storm Guard. Willard Storage Battery Co. - \$4 each. Atwater Kent Kiel table 60 - \$199, lots of radios and books, call or e-mail for info. Matt Hussey, 8 Capitol Cir., Rochester, NH 03867. (603) 332-9927. E-mail: huzzman@aol.com

FREE - 20 WORD AD EACH MONTH

To get your free 20 words,
include your SUB# with your Ad.
Additional words are 29¢ each.
Read inside back cover for details.
MANY THANKS!!!!

FOR SALE: Approx 1964 auto radio for Jaguar auto, Model T972, working. To give away. 2 Electra walkie-talkies, leather cases and germanium transistors, untested. Hoby Irwin, 21 Hyland Cresc., Whitehorse, Yukon, Canada Y1A 4P6. (867) 668-6338. E-mail: xytech@polarcom.com

FOR SALE/TRADE: Zeniths: 12H670, 12S569Z, 7S258, 6S152. RCAs: 811K, 9K. Stromberg-Carlson 14 tube! WANTED: International Kadette. Nevins Museum of Radio, Ken Nevins, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knevins@tc3net.com

FOR SALE: Tubes new and used, also lots of 30s radio chassis. Many hi-fi integrated amps, tuners. Also lots of old N.O.S. TV stuff, e-mail or write for quote. Also dud Globe tubes for sale at good prices. WANTED: Amplion horns, old or unusual tubes, tube stocks. Thank! R. Dobush, 126 S. Main, Wellington, OH 44090. (216) 227-0040. Fax: (440) 647-3908. E-mail: bobtheatre@aol.com

A.R.C. BACK ISSUES

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

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

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

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

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

A.R.C. UN CUT, UN FOLDED COVERS

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

Mass. residents, please add 5% sales tax.

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

Or Call (978) 371-0512

FOR SALE: Arvin 722A - \$75. Bendix OS26E - \$75. Crosley E-15TN - \$95. Emerson 149 - \$90. Emerson 541 - \$80. Kolster K-21 - \$100. Philco PT-30 - \$60; 42PT94 - \$60; 42-321 - \$75; 46-421 - \$60; 47-204 - \$60. RCA 45X3 - \$85; 56X3 - \$65; 75X14 - \$90. Fada 355 - \$100. Westinghouse H-153 - \$75. Zenith J504Y - \$55. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200



FOR SALE: This tube set was designed to be shot out of a cannon! 1950s proximity fuze with battery - a simple but effective radar system utilizing subminiature vacuum tubes. While they last - \$50 ea. ppd. Steve Roush, PO Box 26480, Tempe, AZ 85285. E-mail: roamer22@earthlink.net

FOR SALE: Beautiful red Motorola flip front portable Model 5M2U, practically mint, great brass, plays good - \$40. David Spivey, #1 Rocky Valley Cove, Little Rock AR 72212. (800) 505-0621, weekdays

FOR SALE: E.H. Scott Super XII with factory Brentwood cabinet, replacement speaker, excellent unrestored condition, best offer over - \$1,000. GE L660 Deco style - \$35. Zenith K731 - \$25. GE 1950s AM/FM - \$10. Restorable AK82 - \$150. Philco Models 37-602 - \$25; 53-956 - \$25; 144 - \$225. Case Model 718 lowboy console no knobs, cabinet needs TLC - \$100, OBO. Osborne OCC1 portable computers (2) best offer over - \$100. RCA TV Serviceman Tubecaddy - \$50. Packing and shipping extra. Mark Gutekunst, 2600 Martin Rd., Willow Grove, PA 19090. (215) 657-8958. E-mail: gutekunstm@aol.com

FOR SALE/TRADE: Detrola 429, General Electric(s); E-81, K-80, S-22. Grunow(s): 654, 750. Heathkit A9B amplifier. Philco(s): 60, 144T. RCA 810K, Stewart Warner(s): A51T3 Air Pal, 51T36 tabletop. Victoreen brochure, blueprints. WANTED: Philco 42-1010. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (734) 421-2076, 10-12 am or pm

FOR SALE: TR-7625 2M Kenwood, box and manual - \$70. Kodak stereo camera & TDC stereo slide projector - \$500. Roger Ruddick, 33 Emily Ln., Ft. Meyers Beach, FL 33931. (941) 463-8887

FOR SALE: Stromberg 60, Crosley 77 chassis - \$25 each. Paritone Type C lid with tag - \$30. Brian Kurrle, 2222 Nodleigh Terr., Jarrettsville, MD 21084. (410) 692-0450

FOR SALE: Sonora wood table radios: Models RBV 207 and RDU 209, both need work - \$10 each. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 323-9657, 8 am to 6 pm

FOR SALE: Collectible televisions: GE, Motorola, Philco, Sony, RCA, Sylvania, Zenith. Console radios: American Bosch, Fada, GE, RCA, Zenith. Call for list or view list at <http://andersonelectronics.nvcap.rr.com/tvradio.htm>. Anderson Electronics, 95 N. Central Ave., Mechanicville, NY 12118. (518) 664-9555. E-mail: oanders1@nycap.rr.com

WANTED: November 1928 edition of Citizens Radio Callbook Magazine, Vol. 9, No. 4. Tod Prowell, W3URG, 413 North York Rd., Mechanicsburg, PA 17055. (717) 697-5227

WANTED: Collector tubes. We need all types of N.O.S. globe tubes. Call, write or e-mail for bid list. George H. Fathauer & Assoc., 688 W. First St., Ste. 4, Tempe, AZ 85281. (480) 968-7686. E-mail: fathauer@home.com

VISIT A.R.C.'s WEB SITE

www.antiqueradio.com

Book Orders - Subscriptions - Articles and more!

WANTED: Receivers, detectors, transmitters, speakers, etc. from the early 1920s and prior. By the piece or entire collections. Serious collector. It will pay you to contact me. Ed Bell, 5311 Woodsdale Rd., Raleigh, NC 27606. Ph./fax: (919) 851-1517. E-mail: ekbell@mindspring.com

WANTED: Headphones that fit in door of a Radiola II. O.E. Stinson, 909 S. 23rd St., Mt. Vernon, IL 62864. (618) 242-4336

WANTED: Any and all items relating to enigma machines from WWII, other spy stuff from era, i.e., British, American, German radios, etc., serious buyer. Also, looking for Zenith Stratosphere 1000, will pay your price! Have some great hi-end vintage mics, WE, Neumann, RCA, etc., and hi-fi to trade. Ex: Have complete Marantz system, consisting of 7-C pre-amp, 10-B tuner, 8-B amp, SLT-12 linear turntable w/Electro-Voice 3-way Century speakers, all sales lit, owners manuals, etc. Also, looking for Western Electric 53-A, Remler torpedo mics, U-47, U-67 literature. Have WE 381 doorknob tube, 45s, 71s, others for trade. Ward Kremer, 5807 Papaya Dr., Ft. Pierce, FL 34982. Ph./fax: (561) 468-7732. E-mail: WKremer798@aol.com

WANTED: Philco 70 w/original finish and brass escutcheon. Michael Harrington, PO Box 250995, Little Rock, AR 72225

WANTED: Audio Magazine 1950-1965 and 1940s-1960s. Japanese audio or hi-fi magazines. Randy Liebermann, 2820 Lee Oaks Place #102, Falls Church, VA 22046-7339. (703) 560-5790. E-mail: lunarcity@aol.com



WANTED: Air King Skyscrapers, wealthy extraterrestrial seeks examples of this architectural marvel for new intergalactic communications museum. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Tubes 6851, 6852, 6854. Also decent empty speaker cab for one 12" spkr. Tom Miller, PO Box 20138, London Terrace Station, New York, NY 10011. (212) 675 7704

WANTED: Early Magnavox tube and tube box. Larry Daniel, 1758 Chennault Cir., San Antonio, TX 78226. (210) 923-2634. E-mail: LDaniel102@aol.com

WANTED: Detrola console radios, with or without phonograph. Detrola tabletops with multicolor dial. Scott Flaughner, 41100 Plymouth Rd., Plymouth, MI 48170. (734) 737-4221. E-mail: scott.flaugner@unisys.com

CALL FOR OUR FREE 72 PAGE CATALOG!

ANTIQUE ELECTRONIC SUPPLY 1998 CATALOG

TUBES - PARTS - BOOKS - SUPPLIES

607.850.5411 FAX 607.820.4148 or 800.706.6789

6221 SOUTH MAPLE AVE. TEMPE, AZ 85283

6221 S. Maple Ave. · Tempe, AZ 85283 · (480) 820-5411 · FAX (480) 820-4643 or (800) 706-6789
www.tubesandmore.com · E-MAIL info@tubesandmore.com

TUBES PARTS SUPPLIES

ANTIQUE ELECTRONIC SUPPLY

your complete source for...

Tubes:

Over 3500 receiving, transmitting, audio and industrial types in stock, including many foreign and early types.

Transformers:

Hard to find power, filament, and output transformers as well as filter chokes for tube equipment. We feature HAMMOND performance transformers as well as many new old stock transformers.

Capacitors:

High voltage electrolytic and mylar capacitors, multi-section capacitors and more for tube circuits.

Parts:

Resistors, tube sockets, potentiometers, knobs, dial belt lamps, diodes, speakers, wire, phonograph needles and much more.

Literature:

Extensive selection of literature and books on antique radios, tubes, circuit diagrams, communication gear, and hi-fi equipment. Some items not available elsewhere!

Supplies:

Grill cloth, cabinet restoration supplies, batteries, chemicals, tools, test meters, kits and gifts.

HELP: Service literature for Cobra 142GTL, Sams CB219. Good copy OK. Jim Gaudin, 134 Hawthorne Dr., Danville, VA 24541. (804) 791-2286

HELP: Have a Thor-O-Dyne Masterpiece. Need to know resistance of missing detector rheostat. Richard Gentry, PO Box 9274, Phoenix, AZ 85068. (602) 944-3019

HELP: Need band selector knob for GE L631. Also looking for GE Model HP657A table radio. D.W. Donaghu, 19791 Lombardy Ln., Yorba Linda, CA 92886

HELP: Need dial glass for Philco 40-195. Thanks. Bill Redner, 1 Lantern Ln., Marlton, NJ 08053. (856) 983-0876

HELP: Info needed on radio marked Bri-tone on metal cabinet, Model 568-14, mid-late 40s? Duffy Edwards, 5616 Roe Blvd., Roeland Park, KS 66205. (913) 384-2752

HELP: Need info on Lang radios. Charles Dreitlein, 515 Elizabeth St., New Milford, NJ 07646

HELP: Need to compare operating features of Grebe CR13 receiver owners. Stu Mount, W2AO, 35 Grand St., Highland, NY 12528. (914) 691-7957



HELP: I would like to correspond with anyone who has one or knows anything about it. The name on the front panel says "Elkay." I believe it was made by Langbein & Kaufman Radio Co., New Haven, Conn. Any help would be appreciated. Thank you. Bob Sukosky, 62 Strong St., Manchester, CT 06040. (860) 646-8857, 5:30 pm EST

HELP: Need mechanical sheets for record changer only Sentinel 292K AM/phono. Alex Kaplan, 5347 Park Place Cir., Boca Raton, FL 33486. E-mail: alexlaw@gate.net

HELP: I am restoring a Sparton 557 Blue Mirror Sleigh radio. The wood part of the cabinet has a black finish that is smooth to the touch but has a crystalline appearance. It needs to be refinished, and I want it to be authentic. Can anyone out there do this refinishing, or tell me how to do it and where to get the right paint, lacquer, or whatever it is? Ted Rogers, 6938 E. Waco Dr., Syracuse, IN 46567. (219) 457-8886. Fax: (219) 457-8776

HELP: Need (2) audio transformers and knobs for FE Model 30. David C. Hulick, 925 E. Ellis, Tucson, AZ 85719-1619. (520) 293-2328

HELP: Wanted information on Pathfinder Manufacturing Co., made battery sets in 1920s. Henry Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. (732) 244-2345. E-mail: trabold@exit109.com

SERVICES: Radio schematics/service data U.S. & Canadian receivers. 1920s to 1960s - \$2.50 plus postage. Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. New ph.: (609) 597-2201. E-mail: rosenfeld@ems.att.com

SERVICES: Reproduction Philco cathedral cabinet parts. Front panels, bottom moldings, rear arches. Reproduction cabinets 20, 21, 70, 90. Grandfather clock finials: Philco 570, GE H-91, Crosley 124. Philco Colonial Clock top trim and finials. Other parts inquire. Gang tube shields: Philco 20, 21, 70, 90. **FOR SALE:** Schematics - \$2.50. Riders radio and TV manuals. Radio index 1 through 23, (copy) - \$25. Xerox copies of service manuals: Zenith, 942 p. - \$65; Philco, 300 p. - \$30; Crosley, 322 p. - \$30; Atwater Kent, 463 p. - \$35. Books, SASE for list. All plus shipping. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516

SERVICES: Hickok factory authorized contact person offering affordable, professional services, calibration and technical assistance. **FOR SALE:** Put your Hickok doll in a new, beautiful master crafted, natural finish all wood carrying case, sides front and back of solid oak or maple, top in bottom of matching, 1/4" furniture plywood, brass plated hardware, limited production. Complete line of Hickok accessories, obsolete tube adapters for Hickok 6000 A/B. Socket savers. Replace your old hot line voltage control with a cool electronic control. Test leads, knobs, bias, and shut controls, replacement tube sockets, etc. Cardamatics, calibration cells, hand punch, cards punch to order. Manuals for most Hickok and military test equipment. **WANTED:** Hickok radio test equipment such as 118 B, with or without cards, Hickok Models: 1234, 1575, 580 A, 6000 A, tube testers. Model 156 traceometer, etc. **MESSAGE:** Service that satisfies since 1943. Thanks for your continued support and patience. Wendell E. Hall, 3 Mockingbird Cir., Jeffersonville, IN 47130. Home phone: (812) 282-9709. Shop: (812) 256-2090. Fax: (419) 793-4036. E-mail: hickok@bellsouth.net. Please always include your phone, fax or e-mail with your communications

SERVICES: Antique radio repair at reasonable prices. Work guaranteed. Midwest Antique Radio Service, 22164 Fleming Ave., Tomah, WI 54660. (608) 372-0716. E-mail: rhodesl@mwt.net. Web site: <http://www.mwt.net/~rhodesl>

FOR TRADE: My Zenith 12S268 for your Zenith 12S370 or 12A58 or 12A57. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

FOR TRADE: Sparton main dial escutcheon shield for WE-216A Globe tube. Joseph William Wood, 6511 Chester Ave., Hodgkins, IL 60525-7608

MESSAGE: Frontier Capacitor of Lehr, N.D. cannot accept any capacitor cans for rebuilding for the next 90 days. This is due to the back-log which needs to be cleared up. Everett Hoard, Frontier Capacitor, PO Box 218, 403 S. McIntosh St., Lehr, ND 58460. Toll free: (877) 372-2341. Phone: (701) 378-2341. Fax: (701) 378-2551. E-mail: fmtcap@bektel.com

MESSAGE: Help urgently wanted. Authors seek 40s, 50s, and 60s hi-fi sets to photograph for new book. The more unusual the better. Will visit you if you have them. You get credit in the caption. Tim Fabrizio, PO Box 10307, Rochester, NY 14610. (716) 244-5546. E-mail: phonophan@aol.com



VIRGINIA - Feb. 2

TIDEWATER ANTIQUE RADIO ASSOC. MEETING

Call for location & directions
7 pm

Info: Vic Johnston - (757) 825-0757, eves.
Scott Balderston - (757) 549-0449, eves.

CALIFORNIA - Feb. 5

CALIFORNIA HISTORICAL RADIO SOC. SWAP MEET

Oakland, CA - Foothill Square Shopping Ctr.
8 am

Info: CHRS Hotline - (415) 821-9800

ARKANSAS - Feb. 3

ANTIQUERADIO COLLECTORS CLUB OF FORT SMITH - MEETING

Fort Smith, AR - St. Luke Lutheran Church
Waldron Road, at Free Ferry
7:30 pm

Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 - (501) 782-8178

CONNECTICUT - Feb. 5

VINTAGE RADIO & COMMUNICATIONS MUSEUM - SWAP MEET

E. Hartford, CT - St. John's Episcopal Church
Rectory Hall, corner of Rector & Main
8 am

Info: John Ellsworth - (860) 675-9916

NEVADA - Feb. 3

NEVADAN ENTHUSIASTS FOR ANTIQUERADIOS - MEETING

Las Vegas, NV - Sunset Road Library
Corner of Green Valley Pkwy. & Sunset Rd.
7 pm

Info: Cort & Eileen Ancman - (702) 312-7110
ancman@juno.com

MICHIGAN - Feb. 5

MICHIGAN ANTIQUE RADIO CLUB WINTER SWAP MEET

Dearborn, MI - Armenian Community Center
19319 Ford Rd., 1/2 mile west of M39
8 am-Noon

Info: Don Colbert - (313) 274-1948
E-mail: donsradio@aol.com

TEXAS - Feb. 4-6

HOUSTON VINTAGE RADIO ASSOC. Y2K HVRA-AWA CONVENTION

Houston, TX - Hobby Airport Hilton
2 Auctions - Awards Banquet
Old Equipment Contest - Flea Market
For hotel reservations: (713) 645-3000

Info: Bill Werzner - (713) 721-2242
mingqi53@earthlink.net

WASHINGTON - Feb. 5

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Anne Library
400 W. Garfield
2 pm

Info: REPS, 9936 N.E. 197th Street
Bothell, WA 98041 - (206) 488-9518

ARIZONA - Feb. 5

ARIZONA ANTIQUE RADIO CLUB WINTER SWAP MEET

Tucson, AZ - Dave's Antique Service
3210 S. Dodge, #11
8 am

Info: Steve Smith - (480) 831-3095

A free* listing on these pages is available for each coming antique radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made. *Club/museum/non-profit events are listed free; other events are obtained from advertisements placed elsewhere in A.R.C. Sorry, we don't have room for hamfests.

SUBMISSION DEADLINE: 5th OF MONTH

MINNESOTA – Feb. 6

NORTHLAND ANTIQUE RADIO CLUB WINTER WORKSHOP

St. Louis Park, MN – Pavak Museum
3515 Raleigh Ave.

Time: TBA

Info: Steve Raymer – (612) 926-8198
SRaymer@PavakMuseum.org

ARKANSAS – Feb. 10

ARKANSAS ANTIQUE RADIO CLUB MEETING

Call for Location and Directions
7 pm

Info: Tom Burgess – (501) 455-0773
(Call to confirm details)

NEW YORK – Feb. 6

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET

Lake Ronkonkoma, NY – 367 Hawkins Ave.
8 am-Noon

Info: Chris Lieppert – (516) 471-9526
Chris Bacon – (516) 821-7618

NEW JERSEY – Feb. 11

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ – Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)
7:30 pm

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

MISSOURI – Feb. 8

ANTIQUA RADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS MEETING

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

7:30 pm: Meeting
(earlier for conversation)
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 – (314) 725-2333

GEORGIA – Feb. 12

SOUTHEASTERN ANTIQUE RADIO SOCIETY WINTER INDOOR MEGA MEET

Winder, GA – C-Tech Systems
575 B Smith Road
8 am-Noon

Accommodations: Jameson Inn
(770) 867-1880, ask for Pat

Info: Bob Niven – (770) 586-5816
bobwiz@aol.com
Gordon Hunter – (770) 475-0713

N. CAROLINA – Feb. 8

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC – Golden Corral Rest.
504 S.W. Greendale Blvd.

6:30 pm

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

OKLAHOMA – Feb. 12

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK – Oklahoma Station BBQ
Springdale Shopping Center, 4333 N.W. 50th

6 pm: Dinner – 7 pm: Meeting

Info: Jim Collings – (405) 755-4139, after 6 pm
Mike Lapuzza – (405) 745-3394, after 7 pm

OHIO – Feb. 8

ANTIQUA RADIO COLLECTORS OF OHIO MEETING

Kettering, OH – National City Bank Basement
4100 Far Hills Ave., at Stroop Rd.

7:30 pm

Topic: Your Choice Radio Night

Info: John Heck – (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

OREGON – Feb. 12

NORTHWEST VINTAGE RADIO SOCIETY MEETING

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

10 am

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 – (503) 654-7387

Updating Club List

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

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

MARK YOUR CALENDAR

Feb. 2 - VA, TBA - TARA Meeting
 Feb. 3 - AR, Fort Smith - ARCCFS Meeting
 Feb. 3 - NV, Las Vegas - NEAR Meeting
 Feb. 4-6 - TX, Houston - HVRA-AWA Convention
 Feb. 5 - AZ, Tucson - AARC Winter Swap Meet
 Feb. 5 - CA, Oakland - CHRS Meeting
 Feb. 5 - CT, Hartford - VRCM Swap Meet
 Feb. 5 - MI, Dearborn - MARC Winter Swap Meet
 Feb. 5 - WA, Seattle - REPS Meeting
 Feb. 6 - MN, St. Louis Park - NARC Meeting
 Feb. 6 - NY, Lake Ronkonkoma - GNYVWA Swap
 Feb. 8 - MO, Kirkwood - ARCHGSL Meeting
 Feb. 8 - NC, Greenville - ECARC Meeting
 Feb. 8 - OH, Kettering - ARCO Meeting
 Feb. 10 - AR, Little Rock - AARC Meeting
 Feb. 11 - NJ, Freehold - NJARC Meeting
 Feb. 12 - GA, Winder - SARS Winter Indoor Mega Meet
 Feb. 12 - OK, Oklahoma City - OKVRC Meeting
 Feb. 12 - OR, Oregon City - NWVRS Meeting
 Feb. 13 - New Zealand, Wellington - NZVRS Meet
 Feb. 13 - NM, Albuquerque - NMRCC Meet
 Feb. 14 - GA, Norcross - SARS Meeting
 Feb. 15 - CA, Sacramento - CHRS-Sac. Meeting
 Feb. 16 - OH, Cincinnati - CARS Meeting
 Feb. 16 - OH, Columbus - COARA Meeting
 Feb. 17 - NY, Goshen - HARPS Meeting
 Feb. 19 - CA, Van Nuys - SCARS Annual Auction
 Feb. 19 - FL, Orlando - FAWG Swap Meet
 Feb. 19 - IN, Indianapolis - IHRS Winter Meet
 Feb. 19 - TX, Irving - VRPS Meeting
 Feb. 20 - IL, Elgin - ARCI Meeting
 Feb. 20 - MA, Westford - GBARC Radio XXXI
 Feb. 20 - TX, Schertz - TARC Meeting
 Feb. 20 - WA, Seattle - PSARA Meeting
 Feb. 21 - New Zealand, Auckland - NZVRS Meet
 Feb. 22 - OH, Kettering - SPARK Meeting
 Feb. 24 - CT, E. Hartford - VRCM Lecture Series
 Feb. 26 - KS, Shawnee - MAARC Winter Swap Meet
 Feb. 26 - OH, Seville - Estes Auction
 Feb. 28 - AL, Birmingham - ALHRS Meet
 Mar. 1 - VA, TBA - TARA Meeting
 Mar. 2 - AR, Fort Smith - ARCCFS Meeting
 Mar. 2 - NV, Las Vegas - NEAR Meeting
 Mar. 4 - CA, Sacramento - CHRS Meeting
 Mar. 4 - PA, Havertown - DVHRS Super Wintermeet 2000
 Mar. 4 - WA, Seattle - REPS Meeting
 Mar. 5 - NY, Lake Ronkonkoma - GNYVWA Swap
 Mar. 9 - AR, Little Rock - AARC Meeting
 Mar. 10 - NJ, Freehold - NJARC Meeting
 Mar. 11 - OK, Oklahoma City - OKVRC Meeting
 Mar. 11 - OR, Oregon City - NWVRS Meeting
 Mar. 11 - TX, Houston - HVRA Meeting
 Mar. 12 - CO, Denver - CRC Meeting
 Mar. 12 - NM, Albuquerque - NMRCC Meet
 Mar. 13 - GA, Norcross - SARS Meeting
 Mar. 14 - MO, Kirkwood - ARCHGSL Meeting
 Mar. 14 - NC, Greenville - ECARC Meeting
 Mar. 14 - PA, Telford - DVHRC Meet & Auction
 Mar. 15 - OH, Kettering - ARCO Meeting
 Mar. 18 - TX, Kyle - TARC Meeting
 Mar. 23-25 - NC, Charlotte - CC-AWA 25th Spring Meet
 Mar. 26 - British Columbia - CVRS Chapter Meeting
 Apr. 28-May 1 - Brazil, Sao Roque - Swap & Auction
 Apr. 29 - NH, Nashua - NEARC Meet
 May 13 - PA, Kutztown - 2nd Annual Radio Meet

MARK YOUR CALENDAR

(Continued from bottom left column)

May 19-20 - MN, Plymouth - Radio Daze 2000
 May 19-21 - OH, Dayton - Hamvention
 Jun. 8-10, Indianapolis - IHRS/AWA Spring Fling
 Jun. 30-Jul. 1 - WA, Seattle - PEMCO/REPS Showcase
 Jul. 7-9 - MI, Lansing - MARC Extravaganza '00
 Jul. 15 - NH, Nashua - NEARC Meet
 Aug. 4-6 - IL, Elgin - ARCI Radiofest XIX
 Aug. 26-27 - MA, Boxboro - Boxboro 2000 (ARRL)
 Sep. 6-9 - NY, Rochester - AWA Meet
 Oct. 21 - NH, Nashua - NEARC Meet

See expanded listing for many of these events

NEW MEXICO - Feb. 13

NEW MEXICO RADIO COLLECTORS CLUB MEET

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

1:30 pm: Tailgate Swap Meet
 2 pm: Program, Show & Tell
 and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park,
 NM 87047 - (505) 286-9674 - ChuckBurch@aol.com

NEW ZEALAND - Feb. 13

NEW ZEALAND VINTAGE RADIO SOCIETY WELLINGTON MEETING

Wellington - Tireti Hall
 Te Pene Ave., Titahi Bay
 1 pm

Info: Bob Hatton, 40 Rose St.
 Wadestown - 04-4728788

GEORGIA - Feb. 14

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA - Picadilly Cafeteria
 3400 Holcomb Bridge Road

6:30 pm

Topic: "B" & "C" Radios

Info: Gordon Hunter - (770) 475-0713
 SARS, PO Box 1055, Tucker, GA 30085-1055

CALIFORNIA - Feb. 15

CALIF. HISTORICAL RADIO SOCIETY SACRAMENTO CHAPTER MEETING

Sacramento, CA - SMUD Building
 Corner of Elkhorn & Don Julio

7 pm

Info: CHRS Hotline - (415) 821-9800

Submit your event listing to A.R.C.
 arc@antiqueradio.com or fax: (978) 371-7129.
 Or mail to: PO Box 2, Carlisle, MA 01741.

OHIO - Feb. 16

CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING

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

7:30 pm

Info: Barry Gould - (614) 777-8534

Chuck Davis - (614) 792-6237

OHIO - Feb. 16

CINCINNATI ANTIQUE RADIO SOCIETY MEETING

Norwood, OH - ITT Technical Institute
4750 Wesley Ave.

7:30 pm

Info: Greg Tierney - (937) 732-1844

NEW YORK - Feb. 17

HUDSON VALLEY ANTIQUE RADIO AND PHONO. SOCIETY MEETING

Goshen, NY - Catawag Fire House

7 pm-9 pm

Info: Peter DeAngelo - (914) 496-5130

(Call to confirm details)

CALIFORNIA - Feb. 19

SO. CAL. ANTIQUE RADIO SOCIETY ANNUAL AUCTION

Van Nuys, CA - St. Andrews Lutheran Church
15520 Sherman Way

10 am

Info: Thurston Armstrong - (310) 822-8382

Ricki Glassman - (818) 993-4560

FLORIDA - Feb. 19

FLORIDA ANTIQUE WIRELESS GROUP SWAP MEET

Orlando, FL - VFW Hall
4444 Edgewater Dr.

8:30 am

Info: Radio Relics - (407) 740-5581

oldradio@magicnet.com

*Clubs, Have You Submitted Your
2000 Meeting Schedule
to Antique Radio Classified Yet?*

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

INDIANA - Feb. 19

INDIANA HISTORICAL SOCIETY WINTER MEET

Indianapolis, IN - Holiday Inn, South East
5120 Victory Lane, I-465 at Emerson, Exit 52

7:30 am

Swap Meet - Contest

Lunch - Business Meeting

Info: Mike Clark - (317) 738-4649

Herman Gross - (765) 459-8308

TEXAS - Feb. 19

VINTAGE RADIO & PHONO. SOCIETY MEETING

Irving, TX - Senter East Building

3 pm

Info: George Potter - (972) 353-4862

VRPS, PO Box 165345, Irving, TX 75016

ILLINOIS - Feb. 20

ANTIQUE RADIO CLUB OF ILLINOIS MEETING - SWAP MEET

Elgin, IL - Elgin Plaza Hotel

345 River Rd. (Soon to be Ramada Inn)

7 am-1 pm: Swap Meet - Ballroom

10 am: General Meeting - Ivy Room

Info: A.R.C.I., PO Box 1139, LaGrange Park,
IL 60526 - E-mail: arci31280@aol.com

MASSACHUSETTS - Feb. 20

GREATER BOSTON ANTIQUE RADIO COLLECTORS - RADIO XXXI

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

8 am-1 pm

Drinks and snacks available

For hotel reservations: 800-543-7801
(in MA 800-543-7802) - Mention Radio XXXI

Info: A.R.C., PO Box 2, Carlisle, MA 01741
(978) 371-0512 - arc@antiqueradio.com

TEXAS - Feb. 20

TEXAS ANTIQUE RADIO CLUB MEETING

Schertz, TX - VFW Hall

2:30 pm

Info: Jim Moffett, 218 Shannon Lee, San
Antonio, TX 78216 - (210) 826-4938

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

WASHINGTON - Feb. 20

PUGET SOUND ANTIQUE RADIO ASSOCIATION MEETING

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

9 am-Noon: Tailgate Swap Meet
Noon: Meeting, Program
Show & Tell

Info: Pete Petersen - (425) 747-1323
PSARA - PO Box 2095, Snohomish, WA
98291-0125 - (360) 568-2698

NEW ZEALAND - Feb. 21

NEW ZEALAND VINTAGE RADIO SOCIETY AUCKLAND MEETING

Auckland - Horticultural Soc. Hall, Chamberlain
Park Golf Clubhouse, 990 Great North Rd.

7:30 pm

Topic: IF Stages & Their Alignment
Info: Ian Sangster - Ian.Sangster@aimz.co.nz

OHIO - Feb. 22

SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE MEETING

Kettering, OH - Party Room at Cassano's
Pizza, 1700 E. Stroop Rd.

7:30 pm

Presentation: Story of Radio Station WHAM
Show & Tell: Transistor Radios
Info: PO Box 292111, Kettering, OH 45429
E-mail: sparkinc@juno.com

CONNECTICUT - Feb. 24

VINTAGE RADIO & COMMUNICATIONS MUSEUM - WINTER LECTURE SERIES

E. Hartford, CT - VRCM
711 Main St.

7:15 pm

Featured Speaker: Ed Sax
Topic: The Telegraph,
the Original Electronic Internet
Info: John Ellsworth - (860) 675-9916

KANSAS - Feb. 26

MID-AMERICA ANTIQUE RADIO CLUB WINTER SWAP MEET

Shawnee, KS - Holiday Inn
63rd St. & Metcalf

9 am

Info: Bob Lutz - (913) 894-1327

OHIO - Feb. 26

ESTES AUCTIONS VINTAGE RADIO AUCTION

Seville, OH - Seville Antique Auction Barn
8240 Wooster Pike Rd.

8:30 am: Preview - 10 am: Auction

Info: Estes Auctions - (330) 769-4992
(330) 769-3987 - Fax: (330) 769-4116

ALABAMA - Feb. 28

ALABAMA HISTORICAL RADIO SOCIETY MEETING

Birmingham, AL - Homewood Public Library
1721 Oxmoor Road

7 pm

Info: Julian Brook, PO Box 130307,
Birmingham, AL 35213 - (205) 879-1191

VIRGINIA - Mar. 1

TIDEWATER ANTIQUE RADIO ASSOC. MEETING

Call for location & directions

7 pm

Info: Vic Johnston - (757) 825-0757, eves.
Scott Balderston - (757) 549-0449, eves.

ARKANSAS - Mar. 2

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH MEETING

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

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 - (501) 782-8178

NEVADA - Mar. 2

NEVADAN ENTHUSIASTS FOR ANTIQUE RADIOS MEETING

Las Vegas, NV - Sunset Road Library
Corner of Green Valley Pkwy. & Sunset Rd.

7 pm

Info: Cort & Eileen Ancman - (702) 312-7110
ancman@juno.com

SUBMISSION DEADLINE

5th OF MONTH

Please include date, time, place, directions,
event details & information/contact person.

CALIFORNIA - Mar. 4

CALIFORNIA HISTORICAL RADIO SOC. SWAP MEET

Sacramento, CA - Towe Auto Museum
9 am

Info: CHRS Hotline - (415) 821-9800

PENNSYLVANIA - Mar. 4

DELAWARE VALLEY HISTORIC RADIO CLUB SUPER WINTERMEET 2000

Havertown, PA - Grimes Center
St. Denis' Church

8 am: Swap Meet

11 am: Auction

Info: Bill Overbeck - (610) 853-3199

Dave Abramson - (610) 827-9757

WASHINGTON - Mar. 4

RADIO ENTHUSIASTS OF PUGET SOUND MEETING

Seattle, WA - Queen Anne Library
400 W. Garfield

2 pm

Info: REPS, 9936 N.E. 197th Street

Bothell, WA 98041 - (206) 488-9518

NEW YORK - Mar. 5

GREATER NEW YORK VINTAGE WIRELESS ASSOCIATION SWAP MEET

Lake Ronkonkoma, NY - 367 Hawkins Ave.

8 am-Noon

Info: Chris Lieppert - (516) 471-9526

Chris Bacon - (516) 821-7618

ARKANSAS - Mar. 9

ARKANSAS ANTIQUE RADIO CLUB MEETING

Call for Location and Directions

7 pm

Info: Tom Burgess - (501) 455-0773

NEW JERSEY - Mar. 10

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ - Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)

7 pm

Info: Marv Beeferman - (609) 693-9430

Phil Vourtsis - (732) 446-2427

OKLAHOMA - Mar. 11

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK - Oklahoma Station BBQ
Springdale Shopping Center, 4333 N.W. 50th

6 pm: Dinner

7 pm: Meeting

Info: Jim Collings - (405) 755-4139, after 6 pm

Mike Lapuzza - (405) 745-3394, after 7 pm

OREGON - Mar. 11

NORTHWEST VINTAGE RADIO SOCIETY MEETING

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

10 am

Info: Ed Charman, PO Box 82379

Portland, OR 97282-0379 - (503) 654-7387

TEXAS - Mar. 11

HOUSTON VINTAGE RADIO ASSOC. SWAP MEET

Houston, TX - Lucky Ling Rest., Tides II
Hotel, 6700 S. Main St. at Holcombe

Noon-1 pm: Lunch

1 pm: Swap Meet

Info: Bill Werzner - (713) 721-2242

mingqi53@earthlink.net

COLORADO - Mar. 12

COLORADO RADIO COLLECTORS MEETING

Denver, CO - VecraBank Bldg.
1380 South Federal Ave.

1 pm

Info: Larry Weide - (303) 758-8382

NEW MEXICO - Mar. 12

NEW MEXICO RADIO COLLECTORS CLUB MEET

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

1:30 pm: Tailgate Swap Meet

2 pm: Program, Show & Tell
and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park,
NM 87047 - (505) 286-9674 - ChuckBurch@aol.com

Publicize Your Event

Submit your listing to A.R.C.

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

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

GEORGIA - Mar. 13

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL

Norcross, GA - Picadilly Cafeteria
3400 Holcomb Bridge Road

6:30 pm

Topic: "A" Radios

Info: Gordon Hunter - (770) 475-0713
SARS, PO Box 1055, Tucker, GA 30085-1055

OHIO - Mar. 15

ANTIQUE RADIO COLLECTORS OF OHIO MEETING - 7:30 PM

Kettering, OH - National City Bank Basement
4100 Far Hills Ave., at Stroop Rd.

Topic: Emerson Radios

Info: John Heck - (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

MISSOURI - Mar. 14

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

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

7:30 pm: Meeting (earlier for conversation)

Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 - (314) 725-2333

TEXAS - Mar. 18

TEXAS ANTIQUE RADIO CLUB MEETING - 10 AM

Kyle, TX - Railroad BBQ

Info: Jim Moffett, 218 Shannon Lee, San
Antonio, TX 78216 - (210) 826-4938

N. CAROLINA - Mar. 14

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC - Golden Corral Rest.
504 S.W. Greendale Blvd.

6:30 pm

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

N. CAROLINA - Mar. 23-25

CAROLINAS CHAPTER - AWA - 24TH ANNUAL SPRING MEET IN THE CAROLINAS

Charlotte, NC - Sheraton Airport Plaza Hotel
I-85, Exit 33, the Billy Graham Parkway

Thurs: Noon - Registration

2 pm - Key Collecting

4 pm - Annual Membership Meeting

7:30 pm - Radio Restoration

8:30 pm - Restoration Forum

Fri.: 7 am - Registration

8 am - Flea Market

3 pm - Equipment Auction

7:30 pm - Reception, View Contest Entries

Sat.: 8 am - Flea Market

Noon - CC-AWA Members Luncheon

1 pm - Contest Awards Viewing

For hotel reservations: (704) 392-1200

Info: Ron Lawrence - (704) 289-1166

kc4yoy@trellis.net - CC-AWA.org

PENNSYLVANIA - Mar. 14

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING - SWAP MEET - AUCTION

Telford, PA - Telford Community Bldg.
Hamilton & Hamlin

7:30 pm

Info: Bill Overbeck, PO Box 847,
Havertown, PA 19083

BRITISH COLUMBIA - Mar. 26

CANADIAN VINTAGE RADIO SOCIETY BRITISH COLUMBIA CHAPTER MEETING

Richmond, BC - Steveston Hotel

Info: Fred Tutt - (604) 275-2033

Mention A.R.C.

when contacting clubs!

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

**PUT
YOUR BUSINESS CARD
HERE!**

**\$53 FOR 3 MONTHS - \$90 FOR 6 MONTHS
DON'T HAVE ONE? SEND AN EXTRA \$7 AND
WE WILL TYPESET ONE FOR YOU.**

Richard E. Desjarlais
(978) 486-9018

Antique Radios
Bought and Sold

DICK'S RADIO DAYS



Don't Trash - Get Cash!

P.O. Box 629, Littleton
Massachusetts 01460

Member AWA NEARC

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

Antique Radio & Television

Visit our shop in downtown New London
15 Green St., New London, CT 06320
www.tuberadiorepair.com

(860) 442-0233
William Morse

Mon.-Sat. 11 am to 7



ARBE-III
Universal



Battery Eliminator

Visit us on the web at
www.bcity.com/antiqueradiosinc

David & Nancy Snow, PO Box 6352,
Jackson, MI 49204. (517) 787-2985

Great Northern Antiques

We Buy and Sell
Antiques-Collectibles-Advertising
and Vintage Radios

Alan Jespersen
5200 Bloomington Ave. S
(4 blocks west of Cedar Ave)
Minneapolis, MN 55417

TEL (612) 727-2489
FAX (612) 821-4821
E-Mail: mt612@aol.com

• CASH • SALES • TELEVISION • NEWSPAPERS • JEWELRY • SPECIALIZING IN REPAIRS FOR EUROPEAN RADIO SETS •

The Bavarian Radio Works



ROSS A. HOCHSTRAßER
(781) 547-1294
bavarianradio@mediaspace.net

40 WALTON ST.
WHITMAN, MA 02382

FRED GORDON

Fred's
OLD RADIO REPAIR • HOME • CAR

221 North Commerce
Corsicana, TX 75110

Bus 903-874-4531
Home 903-874-7147



36 years experience



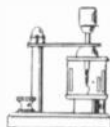
Jackson Speaker Service

Expert Antique Loudspeaker Repairs
(Cone Types) And Reconing A Speciality.
Speaker Parts And Repair Service On
Virtually Any Speaker Made Including
Stereo, P.A., And Antique Auto Speakers.

217 Crestbrook Dr
Jackson, Mich 49203

Owner
Ron McGee

Ph. - (517) 789-6400, Ans. 4th ring
Wk-days 10am-7pm Wk-ends 9-5pm



CRYSTAL SETS

PARTS - PLANS - KITS - BOOKS
CATALOG \$2.00

Largest source of Vintage and New
Variable Air Condensers, Variometers,
Vario-Couplers, Tap Switches, Tap
Points, Galena and Germanium
Detectors, Detector Stands, Cat
Whiskers, Terminals, Sliders,
Headsets, Dial Knobs, Coil Forms,
Magnetic Wire, etc.

B. TURKE

P.O. Box 222288
Hollywood, FL 33022
(954) 925-3870
B.A. Turke, Ph.D.E.E.



If you buy, sell or like Jukeboxes you need
ALWAYS JUKIN'-THE MONTHLY JUKEBOX
MAGAZINE!! Subscribers in 25 countries,
ALWAYS JUKIN' LEADS THE WAY: Articles,
photos, show reports, ads, new products,
price guides, restoration tips, repairs—
everything you need to know about **JUKE-**
BOXES—the fastest appreciating collectible in
the world!!! Fun & a great investment.
Sample Copy, \$3. \$36 per year.
ALWAYS JUKIN', 1952 1st Ave. S, Ste. #6AR,
Seattle, WA 98134, (206) 852-4005.
Fax (206) 852-4007
Master/Visa OK

LOGANS RADIO SERVICE

724-837-5580

BUY • SELL • TRADE • WHEEL AND DEAL

N.O.S. BLACK/WHITE PICTURE TUBES
40's-70's

FOR SALE, CALL OR WRITE

SERVICE AND RESTORATION SINCE 1952

REAR 526 MT. PLEASANT ST., GREENSBURG, PA 15601

Antique Radio & TV Repair

Repair & Restore of Vacuum Tube Electronics

Bill Christie, KB3DCS
2208 Persimmon Dr.
Coatesville, PA 19320
Ph: 610-486-6820

E-mail: christiewi@prodigy.net

I accept work from all states via UPS or USPS

Erstwhile Radio Brings You

Oldtime Radio Broadcasts on Cassettes
5,700+ Shows Available - Purchase By The Hour
Catalog is Only \$2.00 (P & H) - Send To:

Erstwhile Radio
P.O. Box 2284
Peabody, MA 01960-7284

Your Ticket To The Golden Age of Radio



WAVES
ANTIQUES
EARLY RADIOS
&
PHONOGRAPHS
BOUGHT • SOLD
RENTALS • REPAIRS

MON-FRI 12-6
SAT-SUN 10-8

FAX 201 461-7121
e-mail: c1waves@aol.com
www.wavesradio.com

110 W 25th St., NY, NY 10001 Suite 1005 212 969-9264
PROPRIETORS Bruce and Charlotte Mager

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

Antique Radios



David & Nancy Snow
P.O. Box 6352
Jackson, MI 49204
(517) 787-2985

We Buy, Sell, Repair
ARBE - III Battery Eliminators

ANTIQUE RADIO REPAIR

Repair - Restore - Buy & Sell

Schematic Service
Radios \$2.⁵⁰, TVs \$4.⁵⁰

DAMASKE ELECTRONICS
574-W16834 Janesville Road
Muskego, WI 53150
Phone: (414) 679-0838



1298 SE 5th Avenue
PO Box 1939
Melrose, FL 32666
Phone: (352) 475-1950
Fax: (352) 475-1128

RADIO ELECTRIC SUPPLY

We Specialize in Receiving and Special Purpose Tubes

Buy and Sell

Don and Dorothy Gies

<http://www.vacuumtubes.net>
E-mail: tubes@mandspring.com

FOR SALE: Just released, Flyer **200**.

For details send **2-stamp LSASE**
for 20-page flyer to:

Olde Tyme Radio Company
2445 Lyttonsville Road, Suite 317
Silver Spring, MD 20910

Fax/phone: (301) 587-5280
Fax anytime, phone 10 am-10 pm local time
E-mail: oldetymeradio@juno.com

TV's "F" FITTING???

Around 1950-1951, "F" fitting introduced by some firm - preceded by smaller version than today. Do you know who, when??? Help please. Cooper, PO Box 330, Mangonui, Far North, New Zealand or e-mail Skyking@clear.net.nz

SOUTHERN CALIFORNIA GA RADIO SERVICE

TUBE - TRANSISTOR - IC

SPECIALISTS IN COLLECTOR CAR RADIOS
CORVETTE - MUSTANG - T-BIRD & CLASSICS

PHONE/FAX 760-741-9660

140 N. ANDREASEN, ESCONDIDO, CA 92029

SPY EQUIPMENT WANTED!

- Code Machines
- Secret Cameras
- Secret Radios
- OSS, SOE, CIA, KGB!
- Clandestine Weapons
- I Buy or Trade!

Keith Melton

880 Jupiter Park Dr., Suite 5, Jupiter, FL 33458
(561) 743-1143 Days: Fax (561) 743-7504
E-mail: hkmelton@adelphia.net



PR NOVELTY

VACUUM TUBE SPECIALISTS
(New Old Stock and Used)
Juke Box Amplifier Rebuilding

PO Box 140 Milwaukee WI 53201
email prnovelty1@earthlink.net

www.prnovelty.com

Paul and Robin
phone 414 964 3392
fax 414 964 3393

Hear and compare 12 classic broadcast microphones.
See their interior construction.

CLASSIC MICROPHONES

from the **GOLDEN AGE OF RADIO**

Video Vol. I \$45⁰⁰

Western Electric 618, 630, 633, 639
RCA 50A, 88A, BK-1A, 44BX, 74B 77C, D, DX, KB-2C, BK-5A

HIGHLAND LABORATORIES

747 Front Street, #202, San Francisco CA 94111

Tel (415) 981-5010 Fax 981-5019



ESTES AUCTIONS

Specializing in Vintage Radios

7404 Ryan Rd
Medina, Ohio 44256

Bus Phone 330-769-4992
Fax 330-769-4116
Res Phone 330-769-3987

WANTED

PRE 1900
ELECTRICITY
MEDICAL • X-RAY
TELEGRAPHY • TELEPHONE
PRE 1925
RADIO • WIRELESS
PRE 1940
TELEVISION



**NEW WIRELESS
PIONEERS**

P.O. Box 398
ELMA, NY 14059
716-881-3186
FAX 716-881-4540

BOOKS • TUBES • ARTIFACTS
MAGAZINES • AUTOGRAPHS
CATALOGS • EPHEMERA

**1930's to 1980's
BUY
SELL
REPAIR**

William A Burrows, N2WFR
709 Division Street
Gloucester City, NJ 08030
Phone (856) 456-5998
Email wabr101@erols.com



BEC

Antique Radio Restoration & Repair
Quality Dependable Work Guaranteed

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

TEST EQUIPMENT

BUY - SELL - TRADE

Parts - Manuals - Books

Boca Electro Magnetic Lab
22340 Greentree Circle
Boca Raton, FL 33433

(561) 750-8911
bocalab@bellsouth.net



Collector, Historian, Seeker of
Stromberg-Carlson Radio Apparatus



Entrepreneur: Art Moderne,
Streamline, Machine Age Design

ANTIQUE RADIOS

Specializing in
Horn ——— WANTED
Speakers

DAVE CROCKER
4B Beechwood Point Dr.,
Mashpee, MA 02649 (508) 477-1578

Fine Quality Reproductions - Addison to Zenith - SASE for List

DECALS & DIAL SCALES

Rock-Sea Enterprises
PMB 241
323-110 E. Matilija St.
Ojai, CA 93023

Mike Tobin
(805) 646-7362
dials @ juno.com
<http://members.aol.com/RockSeaEnt>



THE RADIO MAN
Buy-Sell-Trade
Antique Radios • Tubes • Parts

DICK MORGAN
RES: (972) 564-6464

TEL: (972) 276-5458
FAX: (972) 272-1831
P.O. BOX 461485
GARLAND, TX 75046-1485



Internet Sales
of Antique
Radios

Terry Williams

Toll-Free: (888) 339-4517
eFax: (603) 843-7903
eMail: info@radioage.com
Website: www.radioage.com

2751 Caminito San Pablo
Del Mar, CA 92014

Proud Member
AMA & MAPS
"The Early Soundman"
JOHN P. ANDOLINA JR. is
Satisfaction Guaranteed

ANTIQUE PHONOGRAPHS



Honest, Friendly
Advice

Collector & Expert in Restoration
of Spring Wound Cylinder & Disc
Phonographs. Supplier of Needles,
Main Springs, Original & Reproduction
Parts.
28 Glen Oaks Drive
Rochester, NY 14624
(716) 247-3056
Specialist in
Reproducer
Rebuilding
E-mail: rhysndmn@rochester.rr.com

40s-50s TV/FM Accessories

TV boosters, distribution amps and
passives, UHF set-top converters, antenna
rotors, data sheets/literature collected. Cash
or swaps from extensive inventory. Cooper,
PO Box 330, Mangonui, Far North, New
Zealand or e-mail Skyking@clear.net.nz
(U.S.A. ship to address)



john d. eckland

Vintage American & European Radio Repair
Expert Hi Fi Services • Custom Built Amplifiers
988A ADDISON AVENUE PAILO ALTO, CALIFORNIA 94501
Chilversport 3-0101



All Tube Equipment Repaired

"The Fisher Doctor"

Al Pugliese
718-948-7489

27 Daleham Street
Staten Island N.Y. 10308

VINTAGE FISHER PRODUCTS
Bought • Sold • Traded • Repaired



Modern Radio Laboratories
Since 1932

Crystal Set and One Tube Radio Instructions. Exclusive source,
printing and publishing of all MRL Handbooks & literature by
Elmer G. Osterhoudt. Tested instructions and plans.

Catalog \$2.00 ppd.

MODERN RADIO LABS
P.O. Box 14902-T
Minneapolis, MN 55414-0902

WANTED: Tube Hi-Fi Components of the 1950's and 1960's

Marantz - McIntosh - Western Electric
Brook - Leak - Quad - Tannoy - RCA - Altec
UTC - Fisher - Jensen - JBL - RCA - Hadley

Richard Sharisky
P.O. Box 521
Belmont, MA 02478

Tele: 617-484-5784
Fax: 617-484-5784

BUSINESS CARD ADS - \$53.00 FOR 3 MONTHS

BETA-TEK

ANTIQUE RADIO SERVICE

- Quality Repair & Restoration of Vacuum Tube Radios
- Free Estimates • Radios Bought & Sold • Battery Eliminators

RAY BINTLIFF, W1RY

2 Powder Horn Lane

Acton, MA 01720-2014

☎ 978-263-7435

e-mail: w1ry@msn.com



(708) 383-1649
BY APPOINTMENT

DO YOU HAVE
A PROBLEM RADIO ?

THE OLD RADIO SHOP

SERVICE OF VACUUM TUBE ELECTRONICS
SCHEMATIC DIAGRAM SERVICE
RESTORATION OR REPAIR • FREE ESTIMATES

ED HURTHUR

1925 ERBE ST
OAK PARK, IL 60302



Vintage Electronics

Phono

Cartridges/Needles

Center Post/Idlers

45 Adaptors

Fax Anytime



Phone: Mon.-Fri.
8AM-5PM CST only

128 Buccancer Drive
Hattiesburg, MS 39402

Ed Crockett

Phone (601) 264-4755

Fax (601) 264-0226

RADIO BOOKS WANTED

Always buying: Books, Magazines or Manuals.
We have a large selection of books on Radio and related
Technology. Call or write for our List of Catalogs or

Visit our web site: <http://www.rainybooks.com>

RAINY DAY BOOKS

P.O. BOX 775, FITZWILLIAM NH 03447

(603)-585-3448

ANTIQUE ELECTRONIC RESTORATION

35 Years Experience

Radios • Juke Boxes • Vintage TV's

Repair • Buy • Sell

Complete Restorations • Auto and Home • Prompt Service

COOPERS'S RADIO SERVICE

425 Court Street

Rockwell City, Iowa 50579



LARRY COOPER

712-297-7232

Old Time Applications

"TURN TO US WHEN YOU NEED KNOBS"

KNOBS • PUSHBUTTONS • ESCUTCHEONS

PLASTIC GRILLS • HANDLES

LARRY BORDONARO

5744 TOBIAS AVE. VAN NUYS, CA 91411

PHONE (818) 786-2500 • FAX (818) 909-0241

(856) 869-0238



SOUND REMEDY

Loudspeaker Repair Service

Richard G. Stamer
Reliable-Prompt-Guaranteed

331 Virginia Avenue
Collingswood, NJ 08108

PHILCO PRECINCTAS WANTED:



BUY • SELL • TRADE • RENT • RESTORE
APPRAISALS / LECTURES GIVEN

DAVID WEDDINGTON
(615) 890-7498

2702 Albany Ct
Murfreesboro, TN 37129

RADIOGALLERY.COM

QUALITY ANTIQUE RADIO SALES

"CLASSIC MODELS THAT WORK" / NEVER "as is" or "untested"

Big selection on the Internet at: www.RadioGallery.com

Order On-Line...ALL MAJOR CREDIT CARDS WELCOME!

Scott Stambaugh

725 South 14th Street Lebanon, Pa. 17042

E-MAIL: Scott@RadioGallery.com

Free Estimates
M-F 9 AM - 5 PM EST
Tues. - Sat

Tel / Fax (960) 928-2628

E-Mail: radioadoc@neca.com

<http://users.neca.com/radioadoc/>

ANTIQUE RADIO RESTORATION & REPAIR

1920 - 1960's

Buy or Sell

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



BOB ESLINGER

20 Gary School Road
Pomfret Center, CT 06259

WANTED !

JAPANESE MILITARIA

any kind of WW-2 Japanese hardwares - aircraft instruments
radios, optics.

Takashi Doi

Fax : 011-8145-301-8069

E-Mail : taka-doi@a2.ctktv.ne.jp

I-21-4 Minamidai, Seyaku, Yokohama, 246 Japan.



Cayce Vintage Sound Company

(803) 791-0733

Your complete source for

Leatherette

"Black Stag" style leatherette stocked

Others available by special order

Scott McAuley
117 Sandy Lane
Cayce, S.C. 29033

LSASE for samples
cavisco@aol.com
Expert Vintage Electronic Repair

Amateur Radio Books



COMMUNICATIONS RECEIVERS

4th Edition

By Raymond S. Moore



By Heathkit

Communications Receivers 4th Edition by Raymond S. Moore. A comprehensive guide to 750, 1932 to 1981, vacuum tube receivers by 66 manufacturers. Three pages of military receivers. 448 radios pictured! Sharper, clearer photographs. 8 1/4" x 11", 136 pages. Softcover. — \$19.95

Heathkit, A Guide to the Amateur Radio Products by Chuck Penson. Documentation of ALL Heathkit's amateur products. 200+ sharp photos. Most products are pictured with a full-page description. 8 1/4" x 11", 256 pgs. Softcover. — \$24.95



The Pocket Guide to Collins Amateur Radio Equipment 1946-1980 by Jay Miller. A pictorial guide to Collins equipment and accessories. 90+ sharp photographs. 3 1/4" x 7", 108 pages. Softcover. — \$19.95

Radios by Hallicrafters, 2nd Ed. by Chuck Dachis. This book includes over a thousand photographs (b/w & color) of radio receivers, transmitters, electronics accessories and advertising material. Technical descriptions are provided for every known Hallicrafters model, including dates of production, model numbers, accompanying pieces and original prices. This 2nd edition includes additional coverage of receivers and updated pricing. 8 1/4" x 11", 225 pages. Softcover. — \$29.95



Price Guide



Shortwave Receivers Past & Present Communications Receivers 1942-1997, 3rd Edition by Fred Osterman. This book is designed for the radio collector, the informed receiver buyer or anyone interested in the history and development of shortwave radios. Over 770 receivers from 98 manufacturers. 8 1/4" x 11", 473 pages. Softcover. — \$24.95

Ham Price Guide, 2nd by Eugene Rippen. Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas, test equipment, books, tubes and catalogs. Small print. 8 1/4" x 11", 81 pages. Softcover. — \$10.95

Ham Price Guide 2nd

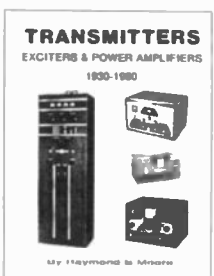


Price Guide



Tube Type Transmitter Guide by Eugene Rippen. Provides a wealth of information on transmitters and transceivers. Includes ancillary items such as linear amplifiers, converters, modulators and VFOs. Over 500 illustrations. 8 1/4" x 11", 145 pages. Softcover. — \$17.95

Transmitters, Exciters & Power Amplifiers 1930-1980 by Ray Moore. Pictorial and descriptive guide to amateur high frequency transmitters and amplifiers manufactured in the U.S.A. Over 500 photos. 8 1/4" x 11", 144 pages. Softcover. — \$21.95



TRANSMITTERS

EXCITERS & POWER AMPLIFIERS

1930-1980



By Raymond S. Moore

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



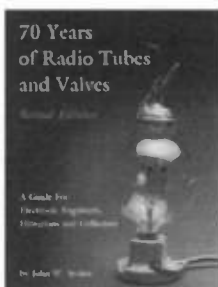
A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



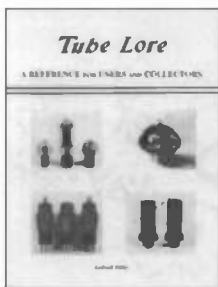
(Jan-00)

Books About Tubes



70 Years of Radio Tubes and Valves, 2nd Ed., Stokes. *The thermionic vacuum tube story from 1883 through 1960. New chapter on audio application tubes, more photos, magazine ads and a new index by tube number.* 264 pgs. — \$29.95

75 Years of Western Electric Tube Manufacturing, Magers. *A log book history. 750+ WE tubes. Illustrated.* 133 pgs. — \$16.95

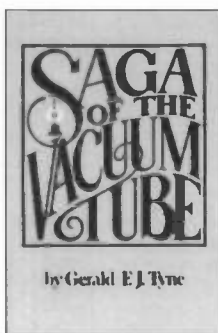


Tube Lore, Sibley. *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales.* 186 pgs. — \$19.95

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



NEW



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

TubeData, Holm. *The most comprehensive list of vacuum tubes and data in an easy-to-use program for PCs. 27,000+ tubes, includes receiving and transmitting tubes. Lists function, manufacturer, technical data, & more. (3 1/2" disk).* — \$39.95



U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Collector's Guide to Novelty Radios ***Book II***

By Marty Bunis & Robert Breed



**Order
Today!**

All New Second Volume
600+ Color Photographs
Price Guide

\$19.95 - Softcover

Collector's Guide to Novelty Radios by Bunis & Breed, First Volume – \$18.95

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Radios by Hallicrafters

2nd Edition

By Chuck Dachis



**NEW!
Order
Today!**

Over 1,000 Photos
Additional Coverage of Receivers
6 Additional Pages of Special Purpose
and Prototype Items

Updated Pricing

\$29.95 - Softcover

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Zenith Transistor Radios Evolution of a Classic

By Norman Smith



**Order
Today!**

**Includes all Zenith Transistor Radio Models
from 1955 through 1965**

200+ Color Photographs — Price Guide

**Photographs, Documents & Original Drawings
from Zenith Archives**

\$29.95 - Softcover

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Transistor Radio Books



Price Guide

The Collector's Guide to Transistor Radios 2nd Edition by Marty & Sue Bunis. *This book will help you identify the most sought-after vintage transistor radios. Over 2,900 models listed, all with current prices. Includes radio club listing. 375 all new color photos. 5 1/2" x 8 1/4". 320 pgs. 1996. Softcover. - \$16.95*

Transistor Radios: 1954-1968 by Norman Smith. *Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. 460+ color photographs and price guide. 8 1/4" x 11". 160 pgs. Softcover - \$29.95*



Price Guide



Price Guide

Transistor Radios, A Collector's Encyclopedia and Price Guide by David Lane & Robert Lane. *Identification & price guide to over 2,500 transistor and novelty radios. History & key to collecting chapters. 8 1/4" x 11". 170 pgs. Softcover. - \$19.95*

Collector's Guide to Novelty Radios by Marty Bunis & Robert Breed. *This book is the source for novelty transistor radios in all shapes and sizes. Radios are described in detail with current prices. Over 600 color photographs. 8 1/4" x 11". 224 pgs. Softcover - \$18.95*



Price Guide

NEW



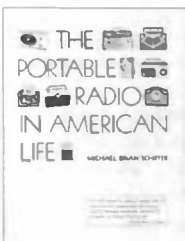
Price Guide

Collector's Guide to Novelty Radios, Book II by Marty Bunis & Robert Breed. *All new second volume takes up where the first book left off. New radios are described with current prices. Over 600 all new color photographs. 8 1/4" x 11". 208 pgs. Softcover - \$19.95*

Zenith Transistor Radios, Evolution of a Classic by Norman Smith. *A complete listing of all transistor radio models created by Zenith during the Magic Years from 1955-65. 200+ color photographs and price guide. 8 1/4" x 11". 160 pgs. Softcover - \$29.95*



Price Guide



The Portable Radio in American Life by Michael Schiffer. *Approximately 50 pages on transistor radios, beginning with the Regency TR-1 through to the later sets made overseas. 450 photographs, 193 transistor radios pictured. 8 1/4" x 11". 259 pgs. Softcover - \$26.95 Hardcover - \$45.00*

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Radios

of the Baby Boom Era

Four Volumes — 2000 pages — From Sams' Archives
 1946 to 1960 — 274 Brands — 3494 Illustrations (B&W)
 6769 Models — Catalin, Bakelite, Wood, Transistor Radios & More



Vol.	Brands	Included
1	56	Admiral to Clearsonic
2	54	Co-op to Geloso
3	58	GE to Monitorradio
4	36	Motorola to RCA Victor
5	35	Realtone to Stratovox
*6	35	Stromberg-Carlson to Zenith

* Out of Print. Limited stock available.
 Vols. 1 and 4 Out of Print & Unavailable.



1/2 Page for each illustrated radio including:

- Large illustration of the radio including knob functions
- Short description of the radio
- Number of tubes
- Power supply type (AC, Battery, etc.)
- Tuning range
- Manufacturer
- Sams Photofact Set number & year Photofact published.

Each Volume: \$16.95 – Softcover
 8 1/2" x 11" – Approx. 328 pages

ALSO

- Index by model number listing tubes in radio
- List of similar radio models indexed to pictured radio
- List of manufacturers and suppliers indicating their brand names
- Basic trouble-shooting hints

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Transistor Radios: 1954-1968

By Norman Smith



**Over 1,000 Transistor Radios
460+ Color Photographs
Price Guide**

\$29.95 - Softcover

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



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

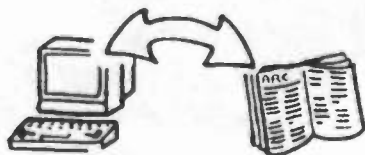


(Jan-00)

Announcing
A.R.C.'s Expanded Web Site Including
★ CLASSIFIED ADS ONLINE ★

www.antiqueradio.com

Look for your password
on each month's address label.



Try These New Features Online Now!

Searchable Classified Ads for Subscribers Only
Searchable Past Auction Prices

Coming Soon!

An Improved Searchable A.R.C. Marketplace

Updated Each Month

The Cover, On The Cover, Editor's Page
One or More Feature Articles (Web Editions)
Book Reviews, Radio Miscellanea
Coming Radio Events & Mark Your Calendar
Radio Club Listing (over 80 clubs, worldwide)
Links to Over 200 Related Web Sites

Archives on the A.R.C. Web Site

Nearly Four Years of Web Editions of A.R.C.

The A.R.C. Web Store

Subscribe and Renew
Order From Over 90 Books and Videos
Request a Free Sample Copy

Also on the A.R.C. Web Site

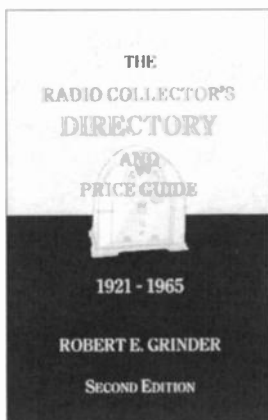
Frequently Asked Questions (FAQ) about A.R.C.
E-mail A.R.C. With Your Ads and Comments

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

(Dec 99)

The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.

by Robert E. Grinder



20,000+ Models Listed

U.S. models manufactured from 1921-1965.

Listing includes:

***Model Name,
Year of Production,
Type of Power,
Cabinet Style, and
Current Market Value Range.***

Rewritten Chapters On:

***Early Broadcasting,
Radio Broadcasting Regulation,
Advances Made in Receivers,
The Evolution of Radio Cabinet Styles.***

\$26.95 - Softcover

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Radio Manufacturers of the 1920's

BY ALAN DOUGLAS



"The definitive book on American broadcast receivers of the 1920's"

Volume 1: A-C Dayton - Adams Morgan - Air-Way - All-American Mohawk - American Bosch - Amrad - Amrad S-Tube - Apex - Atwater Kent - Bremer Tully - Browning-Drake - Clapp-Eastham - Crosley - Cutting & Washington - Day-Fan - DeForest - Eagle - ERLA - FADA - Federal - Ferguson. 225 Pages.

Volume 1: \$24.95 - Softcover Only

Volume 2: Freed-Eisemann - Eisemann - Freshman - Garod - Gilfillan - Grebe - Howard - Jones (Lester/Melco) - Jones (Jos.) - Kellogg - Kennedy - King - Kodel - Kolster - Leutz - Magnavox - Majestic - Marti - Metro - Klitzen/Michigan - Midwest - Mu-Rad - Murdock - Music Master - Neutrowound - Operadio - Ozarka - Pfanstiehl - Philco - Pilot - Priess. 266 Pages.

Volume 2: \$29.95 - Softcover Only

Volume 3: RCA - Scott - Silver-Marshall - Slagle - Sleeper - Sonora - Sparton - Splitdorf - Steinite - Stewart-Warner - Stromberg-Carlson - Thermodyne - R.E. Thompson - Thorola - Tri-City - C. D. Tuska - Ware - Western Coil - Western Electric - Workrite - Zenith. 292 Pages.

**Volume 3: \$29.95 - Softcover
\$39.95 - Hardcover**

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

Millennium Special

Back Issues — 60% Off — \$2.00 Each

Full Calendar Years

A sampling of articles and topics is listed below.

(12 issues in all years except 1984. All originals except for June 1984 through March 1987)

- 1984 A.R.C.'s First Year. The June Sample Copy plus September-December. First Kreuzer's Value Guide,* Heathcote's Collectors' Corner, Crocker's Crosley Review,* With The Collectors* and Meet Reports.* (5 Issues. Photocopies; 16-20 pgs.) \$10
- 1985 First Photo Review,* Radio Novelties,* Collector Profile,* Telegraph Key Review,* Crystal Set Review* and Atwater Kent Breadboard Review.* Also Value Guide A-T, Penna Wireless, Marconi 106, WD-11. (Photocopies; 20-24 pgs.) \$24
- 1986 First Collecting British Crystal Sets.* Collectors' Corner, Value Guide S-Z, Horn Speaker Values, Speaker Review, Precision Ace, Quaker Oats Crystal Set, HQ-120X, First Issue Published by John Terrey. (Jan.-Sept. Photocopies; Oct.-Dec. reprints; 24-28 pgs.) \$24
- 1987 First full-color covers. First Foster's Restoration Topics,* Vintage Television.* Philco 38-3, EHScott 48-Tube Set, Marconi Multiple Tuner, Vacuum Tube Value Guide, Freed Eisemann, Crosley Pup, Fada Bullet, Vitus, Spartan Mirrored Radios. (Jan.-Mar. reprints; Apr.-Dec. originals; 32-36 pgs.) \$24
- 1988 First Old Tyme Radio Services Directory,* Jim Fred's Repairing AC Radios,* Vintage Test Equipment.* Also DuMont Clifton TV, Mechanical TV, Aerola Senior, A-K Model 20, Kennedy 220, Philco Predictas, Martian and Gem Crystal Sets. (40-60 pgs.) \$24
- 1989 Automatic Radio, Clapp-Eastham HR/HZ, Mechanical TV,* Western Electric 1920-1927, Radiola 44, Ace Radio Repair on June cover, Arvin & the Hopalong Radio, Magnavox TRF-5, A-K Crystal Set, A-K 9A, Philco Block Capacitors, Marconi 106D, Patterson PR-10, Oniole 7B. (32-68 pgs.) \$24
- 1990 First Radio Adventures.* Also California Earthquake, Transistor Radios, Cleaning Bakelite, EH Scott Telematic, Ekco Round Radios, Radiola Grand, Horn Speaker Survey, Atlantic Radio, GE 901 TV, Philco Block Capacitors, Tuska 224, RCA 816K, RCA Theremin. (68-92 pgs.) \$24
- 1991 First Collecting Foreign Sets,* Out-Of-Sight Radios, Philco 20, 90, Wilcox-Gay Recordio, A.R.C. Index '84-'90, Westinghouse RC-RA-DA-DR-RT-AR, Radio Stock Certificates, German Radios, Subminiature Tube Radios, Early Navy Radio Equipment, Gonset. (84-100 pgs. Index Issue is 148 pgs.) \$24
- 1992 Vintage Microphones, Gonset, Early Navy Equipment, Superhets of the 20s,* The Neutrodyne, Telmaco, Atlantic Radio, Vintage Hi-Fi, Battery Eliminators, Radio Fans, A-K 35, RCA 648PTK TV, Repairing IF Transformers, Paragon RA-10/DA-2, A-K 21, 33, WLW, 1991 Index. (88-100 pgs.) \$24
- 1993 Arvin Metal Radios, Repairing RCA Catacombs, Philco Armchair Radios, Kenrad Crystal Set, Transistor Radios, A-K 52, Philco Cabinet Design,* Webster Electric Co., Klyterson Electrostatic Speaker, Vintage Guitar Amp, Tower Cone Speakers, EH Scott Allwave, 1992 Index. (100-104 pgs.) \$24
- 1994 Radiola I, Radiola 60 series, Pot Metal, Fada Neutrodyne, Clinton Mfg. Co., Kardon Radios, Philco Cabinet Designers, Palco, SCR-609 & 610, Philco Survey, Permeability Tuning, Weston, Regency TR-1, Charles Herold, Nipper, 1993 Index. (100-116 pgs.) \$24
- 1995 Zenith Trans-Oceanic, Steinway Capehart, Ken-Rad, Radio Shop J, Freshman Master Speaker, Broadcast Equipment, Philco Survey, Power Transformers, Tube Testers,* Radio Apparatus Co., L.E. Knott Apparatus Co., Ford Museum Auction in color, Ozarka, 1994 Index. (108-116 pgs.) \$24
- 1996 Communications Receivers, KDKA, Philco Designers, Radiola IV, WJZ, Art Deco Radios, Herold Microphone, Tuning Battery Sets, Paul Godley & Paragon, Soldering, Webb Microphone Collection, Mirrored Glass Radios, Samson Electric Co., Russian Red Star, Echophone EC-1. (100-116 pgs.) \$24
- 1997 Thompson Minuet, Marconi Archive Auction Saga, Frank Krantz, Emerson Multivalve Radios, De Forest Detectors & Tuners, Remote Control Radios, Ekko Stamps, Freshman Polydyne, Vintage Audio Recorders, Selenium Rectifiers, DeForest Reflex Sets, Early Zenith. (100-116 pgs.) \$24
- 1998 Sears Commentator, 300B Tube, Replica Nameplates, Australian Radios, WMAZ, Espey, Nipper, Early Wireless, Rider's Volume 1, Pilot Radio, Browning-Drake, Army-Navy Numbering System, Cortlandt Street Radio Row, Pooley Co., Transistor's Early History. (100-108 pgs.) \$24
- 1999 Reinartz Receiver, Cone Ship Speakers, The Internet, WebTV, Military Equipment, Krantz Estate Auction, Atwater Kent Time Capsule, Atwater Kent Radiodyne, RCA Radiolas for 1923/24, 15th Year Special Issue, Australian Pedal-Operated Radio, Early RCA TV, Battery Set Power Supplies. (100-108 pgs.) \$24

* These articles continued for one or more years and some continue today.

Millennium Back Issue Special: U.S. Orders - Above prices include shipping. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Money back return policy. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Non-U.S. orders - write for shipping costs, or use VISA or MasterCard and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan-00)

COLLECTOR BOOKS AVAILABLE FROM A.R.C.

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

- 2000 Calendar, CARS. Beautiful color photos of vintage radios for all 12 months. NEW \$12.50
- Antique Radio Restoration Guide, 2nd Ed., Johnson. Beginner's introduction to troubleshooting and repairing AC table model radios. 1992. 145 pgs. \$14.95
- The AWA Review. Collections of articles. Vol. 6: Hawaiian Wireless, U.K. TV, SCR-RC-BC Dir., NYC Wireless, etc. Vol. 7: Poladhu xmitters, Navy equipment, Arc xmitters. Vol. 8: Keys, Federal Co., KFS-Federal-Mackay story, Nat'l Electrical Supply Co., Navy Electronics Dir., etc. Vol. 6-8, ea. \$10.00
- Vol. 9: Marconi, The Int'l Contest for Radar, Magnetron Story, F. Lowenstein, Ham Licensing. Vol. 10: Atwater Kent, Race for Radiotelephone, Radio Central 75th Anniversary, The Heintz and Kaufman Story, Collins Radio Co. Vol. 11: Scott Radio Products, National sliding coil receivers Vol. 9-11, ea. \$20.00
- Vol. 12: The Atwater Kent Radios NEW \$34.00
- The Antique Radio Boys and the Garrulous Grebe, Dryer. Adventure story written in the style of the '20s & '30s. 51 pgs. \$4.95
- The Auto Radio, Matteson. Info, photos & ads of the auto radio through the 1950s. 316 pgs. (hardcover) \$34.95
- Audio! Audio! Hill. A comprehensive directory of classic audio amplifiers and control units. Details of over 850 models from nearly 150 British manufacturers from the 1940s to the 1970s. Signed and numbered. 95 pgs. \$19.95
- Behind the Front Panel, Rutland. Reviews radio circuits and radio history. Easy descriptions. 25 pics. 158 pgs. \$18.95
- Blast from the Past, A Pictorial History of Radio's First 75 Years, Rhoades. The performers, programs, & technology that made radio a part of everyday life. 100s of never-before-published photos (hardcover) \$39.95
- Classic TVs, 2nd Printing, Wood. Preview to 1950s. Revised price guide. 140+ color photos, repros of catalogs & ads. 86 pgs. \$18.95
- E The Collector's Guide to Antique Radios, 4th Ed., Bunis. This guide covers radios from 1920s to 1960s. Over 8,500 prices and many all new color photos are included. 1996. \$18.95
- E The Collector's Guide to Antique Radios, Combined Ed., CD-ROM, Bunis & Kaczowka. Combines book editions 1, 2, 3, and 4. Over 9,000 Models with pricing. Model number index for all manufacturers, photo index by category. 1,800 full color photos. Requires a web browser. IBM & Mac. 1998. \$39.95
- The Collector's Guide to Novelty Radios, Bunis & Breed. Descriptions with prices. 600+ color photos. 1994. 224 pgs. \$18.95
- The Collector's Guide to Novelty Radios, II, Bunis & Breed. New radios & prices. 600+ color photos. 1998. 208 pgs. \$19.95
- The Collector's Guide to Transistor Radios, 2nd Ed., Bunis. Identifies the most sought-after vintage transistor radios. Includes club listing. Over 2,900 models, 375 all new color photos, with current prices. 1996. 320 pgs. \$16.95
- The Collector's Guide to Vintage Televisions, Durbal & Bubenheimer. Includes information about the size of the screen, year of manufacture, cabinet, and current value for over 1,400 vintage TVs. 200+ color photos. 1999. 176 pgs. NEW \$15.95
- E Communication Receivers, 4th Ed., Moore. Information on 750, 1932 to 1981, vacuum tube receivers by 66 manufacturers. 448 radios illustrated. 3 pages of military receivers. 136 pgs. \$19.95
- The Compleat Talking Machine, 3rd Ed., Reiss. A guide to antique phonographs. Revised price guide. Covers construction, cleaning and repairing of parts and cabinets. Over 700 pictures. 245 pgs. \$29.95
- E Crystal Clear - Vintage American Crystal Sets, Crystal Detectors and Crystals, Sievers.
- Vol. 1 - Comprehensive reference with 750 illustrations, 570 crystal sets, 341 detectors, 207 crystals. 282 pgs. \$29.95
- Vol. 2 - 479 All new & different illustrations, more crystal sets, detectors and crystals identified. 252 pgs. \$29.95
- Crystal Radio: History, Fundamentals, and Design, Kinzie. Plus crystals for detectors. 121 pgs. \$10.95
- Crystal Set Building and More, The Xtal Set Society. Projects and information about crystal radios, mostly dealing with design and electronics issues. Also included are Vols. 6 & 7 of the Xtal Set Society Newsletter. \$15.95
- Crystal Set Projects: 15 Radio Projects You Can Build, The Xtal Set Society. 160 pgs. \$14.95
- E.H. Scott Radio Collectors Guide, 1925-1946, Clark. The reference for collectors of Scott radios, cabinets and accessories. Lists original prices of cabinets and accessories. Over 200 photos with descriptions. 88 pgs. \$29.95
- 1940 E.H. Scott Catalog, King. Quality reproduction of the custom built receivers. Includes radios & cabinet illustrations. \$12.95
- Early Radio, In Marconi's Footsteps, Jensen. Realistic description of Marconi's work and his surroundings. Early construction projects with diagrams. Color and B&W photographs. 170 pgs. (hardcover only) \$39.95
- Evolution of the Audio Recorder, Van Praag. Comprehensive guide to the audio recorder. 1997. 518 pages. \$39.95
- Evolution of the Radio, L-W Books. Radios pictured and priced, plus reproductions of catalog pages and ads.
- Vol. 1 - Eight-hundred + radios. 1991. 227 pgs., 118 pgs. in color. \$22.95
- Vol. 2 - Totally different from volume one with new photos, etc. 1993. 654 color photos. 226 pgs. \$24.95
- E Fixing Up Nice Old Radios, Romney. Written by a retired radio instructor, this book covers Ohm's law, through battery sets, superhets and communications receivers. 1990. 300+ figures, 185 pgs. \$35.00
- E Flick of the Switch, McMahon. The classic photo reference guide for '30s - '50s radios. 1000+ photos. 263 pgs. \$11.95
- Genuine Plastic Radios of the Mid-Century, Jupp & Piffa. Overview of plastic table radios with advertisements, vintage black & white photos. 439 color photos. 208 pgs. (hardcover) \$39.95
- E The Golden Age of Televisions, Collins. Nice collection of photographs of these early machines \$15.95
- E Guide to Old Radios - Pointers, Pictures & Prices, 2nd Ed., Johnson. Introduction to radio collecting. Includes hundreds of photos and a price guide. 1995. 272 pgs. \$19.95
- Hake's Guide to TV Collectibles. Price guide and photos for 1600 TV shows, comic books, etc. 1990. 185 pgs. \$14.95
- Ham Price Guide, 2nd, Rippen. Prices for over 3,800 transceivers, receivers, tuners, transmitters, amplifiers, antennas and test equipment. Additional prices for books, tubes and catalogs. 1999. 81 pgs. NEW \$10.95
- E Heathkit, A Guide to the Amateur Radio Products, Penson. Documentation of all Heathkit's amateur radio products, a complete history of the company. 200+ sharp photos. 256 pgs. \$24.95
- Inventing American Broadcasting, Douglas. From the days of Marconi to broadcasting in the 1920s. 1987. 363 pgs. \$14.95
- L. A. Radio Manufacturing, Paul. Radio makers in L.A. from 1922-42. Echophone, Gillfillan & 10 others. 88 pgs. \$11.90
- Supplement No. 1, Paul. Coverage of additional manufacturers, people and sets. 1993. 48 pgs. \$6.75
- Supplement No. 2, Paul. Coverage of additional manufacturers, people and sets. 1999. 54 pgs. NEW \$10.90
- The Magnetic Cone Speaker Notebook, Paul. 250+ cone speakers from 120+ companies. Photocopy. 1995. 58 pgs. \$11.90
- The Mechanics of TV, Yanczer. Explanation of mechanical to, details for a working system. 5 1/2" by 7 1/2", 170 pgs. \$24.95
- Most Often Needed 1926-38 Radio Diagrams and Servicing Information (reprint). 600+ diagrams for mostly AC radios from '26-'38. 240 pgs. \$18.50
- Old Radio Sets, Hill. The development of the radio in Britain from the late Victorian era until the late 60s. 60 photos. 32 pgs. \$4.95
- Old Telephones, Emmerson. The development of the telephone in Britain from 1878 thru the 80s. 50 photos. 32 pgs. NEW \$4.95
- Old Television, Emmerson. The development of the television in Britain until the late 60s. 50 photos. 32 pgs. \$4.95
- E Old-Time Radios! Restoration and Repair, Carr. How to repair vacuum-tube and transistor radios. A self-paced training guide. 200 illustrations, 256 pgs. \$19.95
- Philco Condensers and More, Bintliff. Detailed service data for Philco Bakelite block condensers, metal-cased condensers and tone controls. Pictorial guides show electrical connections and capacitor values. 300+ illustrations. 68 pgs. NEW \$14.95
- E Philco Radio: 1928-1942, Ramirez. A reference book on Philco. Shows receivers and company history year-by-year. 464 color photos, 364 black & white photos and drawings. 1993. 160 pgs. \$29.95
- Phono-Graphics: The Visual Paraphernalia of the Talking Machine, Schwartzman. 119 pgs. \$16.95

- A Pictorial History of Collins Amateur Radio Equipment**, Miller. The most complete story of Collins. Told in hundreds of photos & in the words of the men who made it happen. 1999. 175 pgs. NEW \$39.95
- The Pocket Guide to Collins Amateur Radio Equipment 1946-1980**, Miller. 90+ sharp photos. 3 1/2" x 7". 108 pages... \$19.95
- Portable Radio In American Life**, Schiffer. Traces the development of the portable radio and how it affected American culture and society. 450 photos and drawings, 259 pgs. (hardcover: \$45.00) \$26.95
- RCA Radiolas, Radiotrons, and Accessories** (reprint). Twenty-page booklet summarizing RCA's 1926 product line. \$4.50
- Radio Art**, Hawes. A chronological, illustrated history of the technical and stylistic progress of the radio. Mostly British, but American sets are featured as well. 250 photos, 150 in color, 128 pgs. (hardcover only) Low Price \$9.95
- Radio Art Postcard Deck**. 30 full-color photographs from Hawes' book. \$7.50
- Radio Collector**. (Videotape, VHS). The five-part Emmy-nominated PBS series combined on one 130-minute videotape. \$29.95
- The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.**, Grinder. Directory of over 20,000 radios by manufacturer, model no., year, etc., with prices. History, cabinet styles, vacuum tube development chapters. 500 pgs. \$26.95
- The Radio Collector's Foto-Finder**, Bintliff. An alphabetical index to illustrations in the four editions of the "Collector's Guide to Antique Radios" by Marty & Sue Bunis. 1997. 48 pgs. \$12.95
- Radio Collector's Guide**, McMahon. Listing of 9,000+ radios made by some 1200 companies from 1921 to 1932. Gives manufacturer, year, model name and other info. No photos, 264 pgs. \$11.95
- Radio Diagram Sourcebook**, Gray. Valuable tool for identifying radios. Tubes used, replacement dial lamps, and I.F. frequency. Reprint of Syltania's tube complement guide is included listing almost 10,000 radios. 290 pgs. \$18.95
- Radio Horn Speaker Encyclopedia**, Paul. Listing of horn speakers for 320+ manufacturers for the 1920s. Expanded info. on 10 companies. 145+ photos, 80 pgs. \$15.90
- Radio Horn Speaker Notebook**, Rev. H. Paul. The companion to the Encyclopedia. Over 450 horn picture ads are shown, over 325 manufacturers are identified. Photocopy. New Index. 1995. 72 pgs. \$16.90
- Radio Manufacturers of the 1920's**, Douglas. 3 volumes. Vol. 1: A-C Dayton thru Ferguson (softcover only) \$24.95
Vol. 2: Freed-Eisemann thru Press. 266 pgs. (softcover only) \$29.95
Vol. 3: RCA thru Zenith. 292 pgs. (hardcover: \$39.95) \$29.95
- Radio Tubes and Boxes of the 1920s**, Fathauer. A pictorial presentation of radio tubes of the 20s, including packaging and advertising. 400+ color photos and illustrations. 1999. 105 pages. NEW \$26.95
- Radio! Radio!**, 3rd Ed., Hill. Comprehensive coverage of British radios from the 1920s-70s. This expanded edition includes the previous versions plus 75 new pages and 50 new illustrations. New transistor radio section. (hardcover only) \$64.95
- Radios by Hallicrafters**, 2nd Ed., Dachis. The most definitive book on the company. Over 1,000 photos (some color) on everything they made. Additional coverage & updated pricing. An invaluable tool for anyone interested in Hallicrafters. 225 pgs. \$29.95
- Radios of the Baby Boom Era**. Pictures and info from Sams Photofacts. 3,494 radios illustrated plus 3,275 additional radios listed. 274 brands. 1946 - 1960. 300+ pages per volume. Vol. 1: Admiral - Crosline Vol. 2: Co-op - Gelo. Vol. 3: GE - Monitorradio. Vol. 4: Motorola - RCA Vol. 5: Realtone - Stratovox. Vol. 6: Stromberg-Carlson - Zenith. (Per Vol.) \$16.95
- Radios: The Golden Age**, Collins, (reprint). Vintage table radios. 100+ color photos. 119 pgs. \$12.98
- Rasco Radio Parts**, (reprint). Catalog No. 18 summarizing 1928's product line. 144 pgs. \$9.95
- Refinishing Old Furniture**, Wagoner. Written by a furniture restoration instructor. A step-by-step guide to furniture (or radio) restoration, from removal of finishes right up to the final polish. 178 pgs. \$14.95
- Saga of the Vacuum Tube**, Tyne. The development of vacuum tubes - 1880 to 1930. From Edison, Thomson and Fleming to de Forest, Philips, Siemens and many more. 100+ tube photos, 495 pgs. \$18.95
- Shortwave Receivers Past & Present, Communications Receivers 1942-1997**, 3rd Ed., Osterman. For the radio collector, the informed receiver buyer or anyone interested in the history of shortwave radios. 700+ receivers listed. 473 pgs. \$24.95
- S. Gernsback Radio Encyclopedia** (reprint). 1927 classic encyclopedia on radio. From "A" battery to Zirconium, with 1000s of entries in between. 100s of illustrations, 175 pgs. \$9.95
- 70 Years of Radio Tubes and Valves**, 2nd Ed., Stokes. The thermionic vacuum tube story from 1883 through 1960. New chapter on audio application tubes, more photos, magazine ads and a new index by tube number. 264 pgs. \$29.95
- 75 Years of WE Tube Manufacturing**, Magers. A log book history 750+ WE tubes. Illustrated. 133 pgs. \$16.95
- The Talking Machine**, Fabrizio and Paul. Over 550 photos of horn phonographs. 256 pgs. (hardcover only) \$69.95
- Transistor Radios: 1954-1968**, Smith. Over 1,000 transistor radios identified by manufacturer, marketing organization, type, and style. Color photos and price guide, 1998. 160 pgs. \$29.95
- Transistor Radios, A Collector's Encyclopedia and Price Guide**, Lane. Identification guide to over 2,500 transistor and novelty radios. History and key to collecting chapters. 1994. 170 pgs. \$19.95
- Transmitters, Exciters and Power Amplifiers 1930 - 1980**, Moore. Pictorial and descriptive guide to amateur high frequency transmitters and amplifiers manufactured in the U.S.A. Over 500 photos. 144 pgs. \$21.95
- Tube Data**, Holm. The most comprehensive list of vacuum tubes and data in an easy-to-use program for IBM compatibles. 27,000+ tubes, includes receiving and transmitting tubes. Lists function, manufacturer, technical data, & more. (3 1/2" disk). \$39.95
- Tube Lore**, Sibley. Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales. 186 pgs. \$19.95
- Tube Type Transmitters**, Rippen. Provides a wealth of info on transmitters and transceivers. Includes ancillary items such as linear amplifiers, converters, modulators and VFOs. Over 500 illustrations. 145 pgs. \$17.95
- The Weekend Refinisher**, Johnson. A complete guide to stains and finishes and tips for setting up your own workshop. A handy furniture "first aid" kit for quick repairs. Illustrated. 296 pgs. \$12.00
- Wireless Communication in the U.S.**, Mayes. Early development of American radio operating companies. Alternators, coherers, stock promotions, unpublished letters, etc. 160 illustrations, 240 pgs. \$29.95
- The Xtal Set Society Newsletter**, Anderson. Complete set of the Society's newsletter. Order by volume. Vol. 1 & 2: 7/91 to 5/93. Field Strength Meter, FM Xtal Set, Xtal Sets & Wireless, the Lead Pencil Detector, The Universal Xtal Set, & more. \$19.95
Vol. 4: 1/94 to 11/94 - Measuring Coil Capacitance, home-brew headphones and curve tracers, etc. Vol. 5: AM Receiver Design, Marconi Type 107, Radio Outfit in a Headset, & more. Vol. 4-5 \$10.95
- The Xtal Set Handbook**, Anderson. Formulas for coil inductance, a procedure for measuring coil capacitance, circuit matching theory, & more. Also included is Vol. 3 of the Xtal Set Society Newsletter. \$11.95
- Zenith The Early Years, 1919-1935**, Bryant and Cones. The 1st of a planned 3-book series. Explains the Zenith story. Discover never published photos, documents and info. 300 photos and illustrations, 120 in color. 224 pgs. \$29.95
- Zenith Radio Corporation** (reprint). The instructions for installation and operation for Models 39-39A Models 392-392A, and Electric Zenith Receivers. 3 schematics, 3 photos, 7 1/2" by 5", 16 pgs. \$4.50
- The Zenith Trans-Oceanic: The Royalty of Radios**, Bryant and Cones. Presents the fascinating story of the development and use of the Trans-Oceanic. Several photos, documents, ads, etc. 160 pgs. \$24.95
- Zenith Transistor Radios, Evolution of a Classic**, Smith. A complete listing of all transistor radio models created by Zenith during the "Magic Years" from 1955-65. Color photos and price guide, 1998. 160 pgs. \$29.95

U.S. Orders - Enclose \$3.00 per order for packing & book-rate shipping if total order is under \$35.00. If using VISA or MasterCard, include name on card, card number and expiration date. Send payment with order. Mass. residents add 5% sales tax. Money back return policy. Softcover unless stated otherwise. Most orders shipped the same day received, but allow 2-4 weeks to receive order. Foreign orders - write for shipping costs, or use credit card and specify air or surface (allow 2-3 months for surface shipping).



A.R.C., P.O. Box 2, Carlisle, MA 01741. Tel: (978) 371-0512

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



(Jan 00)



Junior Juke Box Model 11—This red painted wooden phonograph from Hudson Electronic Corp. has 4 round windows that light up when playing. Well made; amp works but hums. **\$53**



FOR SALE: Spice Chest radio-5 tube set. Model 484 from Lampsmiths, Los Angeles, this is actually **Rock Maple!** Clean and complete, but has loud hum. Non-Guild novelty...**\$47**



1950's DEALER Flags! These are screened with company logos and slogans. Some frayed—but these are really great backdrops!

Westinghouse TV Furniture-Fashion (some fraying on edge) **\$19**

Olympic Blue plastic with White (16"x45") **\$24**

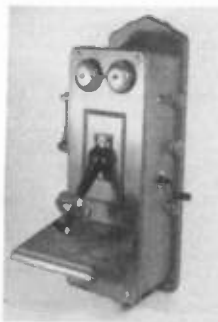
Motorola multi-colored pink silk (20"x30") **\$17**

RCA Tubes and TV Service (28"x36") **\$26**

PHILCO Power-Plant TVs 1952 (22"x40")...**\$28**



FOR SALE: Country Bell Tube-Type wooden novelty radio that looks like an old fashion phone. Missing a piece of brass trim, but nice. Clean 5-tube GUILD, Model #556...**\$42**



FOR SALE: Country Bell Transistor wooden novelty radio—I hadn't seen this before. Works, from the late 1950s, same cabinet to above—but includes FM band as well. Working cond..**\$46**

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 29¢ each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by Noon Eastern Time on the classified ad deadline date to guarantee inclusion in the current issue. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page 2 for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Faxed & e-mailed ads: Please see additional information on the inside front cover.

When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

To minimize our typing errors: Please write legibly. Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, l and I (the number one, the capital i and the small L.). Also: 0, O, o, Q and D; r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets].

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

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason. See also Publishing Rights on page 2.

Clubs: Since club activities receive free coverage on the *Coming Radio Events* pages, the free 20 words may not be used for club activity ads. A discount on display advertising is available for clubs.

CLASSIFIED AD DETAILS

Deadline: NOON ET- 10th of the month!

Classified ads must have a standard heading such as WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:

First 20 words: **FREE***

29¢ per word for extra words over 20 plus

10¢ per word for a shaded ad (count all words including free words).

* Subscribers may take 20 free words on only one ad each month.

Non-Subscribers:

47¢ per word plus

10¢ per word for shaded ad.

Please do not forget to send in the extra 29¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with "For Sale," etc. Minimum run is 3 months, prepaid. Discount: 10% for 6 months; 20% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:

40¢ per word for all words,* none free, plus

10¢ per word for each bold word plus

10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):

50¢ per word for all words* plus

10¢ per word for each all-caps word.

Non-Subscribers:

Add 20¢ per word to above costs.

*Three words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month

for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

\$23.00 per month for each photo or drawing

(If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

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

IMPORTANT — COUNTING WORDS — IMPORTANT

The standard headings: WANTED, FOR SALE, etc., count as one word each time used in an ad. Name, address and (one) telephone number, count as 6 words, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.

PERIODICALS



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

ADDRESS SERVICE REQUESTED

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