



# **RADIO AGE**

**The Newsletter of the  
Mid-Atlantic Antique Radio Club**

## **Cumulative Index to MAARC Newsletters and MAARC's Radio Age**

# **January 2016 Edition**

(Through January 2016)

Note: This index is also available on-line on MAARC's Website:

[www.maarc.org](http://www.maarc.org)

# CUMULATIVE INDEX TO MAARC NEWSLETTERS and the new *Radio Age*

Complete Through January 2016

MAARC newsletters began with Volume 1, Number 1, in August 1984 and continued until the May 1994 issue, which was Volume 11, Number 5. MAARC began publishing *Radio Age* as its newsletter in June 1994, after purchasing the rights to this publication from its original publisher, Don Patterson. The first issue of *Radio Age* published by MAARC was the June 1994 issue, designated Volume 19, number 1. This index covers all issues of the MAARC newsletters and the issues of *Radio Age* between June 1994 and April 2015.

Copies of most back issues are available at nominal cost from MAARC. See page 2 of the most current *Radio Age* or the MAARC website for the current price of back issues and ordering instructions. Please request copies of back issues by month and year, not by Volume number and allow two to four weeks for delivery. Make your check or money order payable to MAARC.

MAARC is posting PDF copies of newsletter back issues on the members-only section of the website. We hope to have all issues posted in the near future.

The index below lists items by author and by subject matter (keywords). Numbers precede letters in the alphabetizing scheme used here. The reference is coded as abbreviated month and year, a colon, and the page number(s). For example, Jun86: 7 means the referenced information can be found on page 7 of the June 1986 issue of the newsletter. Note that there were a few issues of the newsletter in which the date footer on the inside pages showed an incorrect month. Check the date on the front page to verify the correct month, although there may have been an error or two there, too. Ad reproductions are listed at the beginning of each manufacturer's listing. Book reviews are listed by book author under the heading "Book Reviews" as well as under the name of the reviewer.

We have tried to make this index error-free, but proofreading a document such as this is daunting! Should you uncover an error as you use it, please notify Brian Belanger (address, phone number, and email address are on page 2 of *Radio Age*) so the error can be corrected in the next edition.

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## **Cathode Ray Tubes**

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## **Cavac**

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## **CBS**

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## **CC-AWA** (Carolinas Chapter of AWA)

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## **CD Reviews - See Book Reviews**

## **CeCo (C. E. Manufacturing Co.)**

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## **Centralab**

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## **Chambers, F.B. & Co., and Chambers Institute of**

### **Wireless Telegraphy**

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## **Chandler, Bob**

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## **Channel 1 (on TVs)** by J. Koester, Jan89: 14

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## **Chassis Cleaning**

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## **Chelsea Radio Co.**

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## **Chidester, Buford**

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## **Cleartron**

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## **Cochrane, Donald**

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## **Coca Cola Cooler Radio**

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## **Colick, Joe**

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### Combs, Charles

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### Committee to Preserve Radio Verifications (CPRV)

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### Cross, Jim

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### Crumpton Auction

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### Crystal Oscillators

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### Crystal sets & detectors

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### Curtis

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### **Death Rays (by radio)**

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### **de Freitas, Edison**

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### **Detectors**

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### **Deutsch, Emory**

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### **DeWald**

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### **Diatuner**

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### **Digital Radio**

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### **Dilks, John**

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### **Direction Finding - See Navigation**

### **Displays**

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### **Diversity Reception**

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### **Dixon, Roy**

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### **Doron Brothers**

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#### **Drift - see frequency drift**

#### **Drive belts - See Restoration tips - Drive belts**

#### **Dubilier**

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#### **Duvall, E. B. (Ted)**

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#### **Dynamotive Radio Corp.**

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#### **Earhart, Amelia**

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#### **Early Television Museum (Hilliard, OH)**

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#### **Earphones - See Headphones**

#### **E-bay Auction**

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#### **Echo (Polish radio mfr.)**

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#### **ECI Test Equipment**

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#### **Edison (Thomas A. Edison, Inc.)**

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#### **Eico - See Electronic Instrument Co., Inc.**

#### **Eimac**

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#### **Eisemann**

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#### **Eisenbrey, Ron**

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#### **Eitel-McCullough**

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#### **Ekstrom, Joel**

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#### **Electronic Instrument Co., Inc. (EICO)**

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#### **Elektrit (Polish radio mfr.)**

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#### **Elkay**

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#### **Eltz, Nicholas**

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#### **Emerson [Radio and Phonograph Co., Radio and Television Company, Emerson Radval Company listed separately]]**

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### **Encryption**

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### **Engstrom, Bill**

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### **Eslinger, Bob**

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### **Esposito, Frank**

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### **Essigmann, Skip**

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### **Estes, Richard**

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### **Eveready**

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### **Everett, Paul**

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### **Fabris, Robert**

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### **Facsimile**

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### **Fada**

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### **Fallfest**

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### **Faraday**

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### **Farm Radios**

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### **Federal Communications Commission**

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### **Federal Telegraph (of California)**

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### **Federal Telephone & Telegraph (of New York)**

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### **Feedback**

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### **Fessenden, Reginald**

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### **Fiberloid Co.**

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### **Finland and Finish Radios**

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### **First, Matt**

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### **Fisher, Avery**

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### **Fisher, John**

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### **Flash-O-Graph**

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### **France and French radios**

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### **Frequency Drift - curing**

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### **IF Transformers and Amplifiers**

Determining Unknown IF Peaks, by J. Lowe, Oct91: 11  
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### **Indiana Historical Radio Museum**

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### **Infoage Science/History Learning Center**, Oct05:10

### **Infradyne Receiver**

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### **Independent Radio Manufacturers, Inc. - see IRM**

### **Inductors (See also Coils)**

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### **Ingraham Company (cabinets)**

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### **Institute of Electrical and Electronic Engineers (IEEE)**

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### **Insuline Corp. of America**

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### **Integrated Circuits**

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### **Intercoms**

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### **Interference**

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### **International Restoration Contest**

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### **Ionosphere**

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### **Isolation Transformers**, Jun 97: 7, Mar99:11

### **Jackson-Bell**

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### **Jackson, Henry**

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### **Jefferson Transformer Co.** - Ad reproduction, Feb92: 19

### **Jenkins, C. Francis** - Tidbit, Sep98:11

### **Jensen**

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### **Jewell Electrical Instrument Co.**

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### **JFD**

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### **J-M-P Manufacturing Co.**

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### **Johnston, Dale**

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### **Jones, Larry**

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### **Juke Boxes**

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### **KA2XXB**

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**Ken Rad**

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**Kirsten, Charles**

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**Klink, Granville**, Obituary, May97: 4

**Klitz Wireless Apparatus Company and Klitzen Radio**

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**Knott, E. R. Machine Co.**

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**Koczur, Dan**

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**Koste, Mike**

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**Krauter, David**

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**Krause, Ernest J.**

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The Shocking Mystery Control Mystery, by E. Lyon, May08:4  
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 Shadow Tuning, by Ted Hannah, Jul91: 3; Oct91: 6  
 Those Philco Capacitors, by Ed Lyon, Nov87: 11

#### **Philmore**

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 "Blackbird" crystal set, Jul85: 9; also, photo on back cover of Apr91  
 "Supertone" crystal set, Jul85: 12; Jun89: 20  
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**Phippen, W. Scobell** [Atwater Kent engineer] - An Interview with W. Scobell Phippen, by G. Symonds, Jun91: 1

#### **Phono Oscillators**

AES Wireless Transmitter Kit No. K-488, by C. Palmer, Dec01:3  
 AM Transmitter for Use with Old Receivers, by C. Marshall, Mar91: 8  
 AM Wireless Broadcaster Kit (SSTran), Feb06:10  
 Another Wireless Broadcaster, by D. Johnston, Feb08:6  
 A Low Power AM Broadcast Band Transmitter for the Old Radio Collector, by J. DeMayo, Mar15:11  
 Improving the AES Wireless Oscillator, by L. Greenough, Apr01:10  
 The Phono Oscillator Revisited, by N. Greenough, Jul88: 6  
 Signal Generators, by B. Belanger, Oct99:6  
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 A Tube-type Phono Oscillator, by R. Altig, Jun91:16

#### **Phonographs**

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#### **Photofacts - See Sams (Howard W. Sams Co.)**

#### **Pickard, Greenleaf Whittier**

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#### **Pickerill, Elmo**

Early Wireless and Early Aviation, by D. Sohn, Jun07:1

#### **Pierce, George Washington**

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#### **Pilot**

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#### **Plaskon radios**

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#### **Plastic Radios & TVs - See Also "Bakelite," "Catalin," and "Plaskon" listings**

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Detrola's PeeWee and the Silk Industry, by E. Lyon, May08:1  
Plastics history, Jan08:11  
Pioneer in Plastics in Radio, by E. Lyon, Sep05:14  
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Some Thoughts on Those Aged and Crumbling Parts, by D. Houston, Jan94:6  
Surprising Fun with a Broken Radio: Repairing Cabinets and Reproducing Labels, by B. Goodwin, Dec07:8  
Those Fabulous Bakelites, by R. Dixon, Oct85: 7

#### **Plastic Turning Company**

Early and Late Rarities in Catalin, by E. Lyon, Jul04: 8

#### **Plerophone - See Daley, and Research Products Corp.**

#### **Plymouth Radio & Phonograph Co.**

The Plymouth Radio and Phonograph Co., by G. Hunolt, Dec10:1

#### **Poetry**

"Radio Man," by David Fratus, Jan87: 15

#### **Point of Purchase Displays, Inc.**

The Coca Cola Cooler Radio: Who Made It?, by T. Hannah, Jun03: 10

Putting the Searchlight on Off-Brands, by E. Lyon, Jul03: 1

#### **Poland**

Radio Manufacturing in Poland in the 1930s, by Robert Lozier, Apr09:7

#### **Police radio**

Motorola, Automobile Radios, and Police Calls, by B. Belanger, Apr93:9

#### **Portable radios**

The First Portable Radios – or Dial O for Operadio, by E. Lyon, Jan06:1

The Voxson "Harvey" Three-way Portable--Well, Almost, by E. Lyon, May02: 1

**Poster, Harry** - Televisions and TV Collecting, Nov88: 12

#### **Pot Metal -See Metal Parts**

**Potentiometers** - cleaning and repairing, Dec85: 7

**Poush, Kathy**, RadioActivity: It Keeps Getting Better, Jul02: 5

**Power Supplies** - battery eliminators for old radios - See Battery Eliminators

#### **Precision Equipment Co.**

Thomas E. New, Ace Radios, and the Crosley Corp., by B. Belanger, Jun10:6, Follow-up, Aug10:8

#### **Press Wireless**

Press Wireless in WW II, by D. Kimberlin, Dec97:7

#### **Prices, Radio & TV, Tubes**

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Art Deco Radios on Display, by Ira Raskin, Nov87: 3

The Collector's Lament, by Joe Koester (bargains), Feb86: 8

**How Much Did You Say?**, by J. Cohen (original prices vs cost of living and value of dollar in those days), Jun86: 6

Recent Radio Prices, Feb07:14

MAARC Collector Sets New Purchase Record, by J. Koester, Aug90: 12

Tidbit, 1920s dumping, Nov07:11

Today's Cost of Yesterday's Radios, by C. Kelley (converting original cost to today's dollars), Mar95:7

What Price Art Deco, by T. Hannah, Jan86: 7

What Price Radio Tubes?, by T. Hannah, May 97: 9

Wholesale radio prices, Aug12:14

**Private label sets** - manufacturers' codes for Sears & Wards, Sep86:14

#### **Projection TV**

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#### **Prorise, Colleen**

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#### **Prorise, Michael**

1928 - Birth of the Philco Radio, Monograph No. 3, Jan. 1993 (mailed with February 1993 issue)

#### **Proximity Fuse**

The Proximity Fuse Program, by E. Lyon, Mar01:1

The Proximity Fused--The Other Side, by E. Lyon, Jan02: 6

Radio Age Solves an Old Mystery, by E. Lyon, Mar02: 10

**Puett, J. W. F.** - Reprint from "Silver Ghosts" (biographical material on E. H. Scott), Dec85: 2; Jan86: 4; Feb86: 6

#### **Public Address (PA) Systems**

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#### **PZT (Polish radio mfr.)**

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#### **QSL cards**

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QSLs of the Rich and Famous, by E. Lyon, Jan01:8

Save Those QSL Cards!, by B. Belanger, Aug99:1

#### **Quinby, Edwin Jenyss**

Radio Operator, Patriot, Calliope-Player, and Racket-Buster—the Story of Edwin Jenyss Quinby, by E. Lyon, Mar06:1

#### **Quiz - See "Radio Quiz"**

#### **Racal**

Tidbit about Racal and Collins, Mar04: 10

A Wadley Loop Receiver - The Racal RA-17, by E. Lyon, Jan99:1

#### **Radar**

Adventures of a Crystal Detector, by E. Lyon, Jan03: 1

Air to Surface Radar in World War II, by A. Roycroft, Jul96:1

American Airborne Radar in World War II, by E. Lyon, Sep95:6

Anti-Radar - A Golden Anniversary, by H. Olson & E. Lyon, Nov95:10; Part 2, Jan96:6; Part 3, Mar96:10; Part 4, May96:7

Beams, Enigma, and the Coventry Myth, by R. Thomas, Jan01:9

Book review by E. Lyon, *The CIA and the U-2 Program*, (discussion of radar in the Soviet Union), Jan99: 11

Building a Shortwave Station Under Trying Conditions, by E. Lyon, Jul98:10

HRO versus HRO, by Ed Lyon, Sep13:1

The International Race for Radar (Series), by Ed Lyon, Dec92: 1, Feb93: 1, Apr93:1, Jun93:1, Aug93:1, Oct93:1, Dec93:1, Feb94:1, Apr94:1

A Midlife Crisis in Spark Transmitters, by E. Lyon, Jul09:1

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A Parasitic Radar in World War 2 – Part 1, by E. Lyon, Sep12:1; Part 2, Nov12:8

Radio Echoes...Echoes...Echoes, Part 1, by E. Lyon, Sep11:1

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Those Thousands of Little Inventors, by E. Lyon, Nov00:1; Follow-up, Mar01:10

Ultra Wideband Radar, Jan08:12

- The Woodpecker Watch, by E. Lyon, Mar13:1
- Radio Amateur Callbook**  
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- Radio & Television Institute** (Ad), Feb00:13
- Radio and Television Museum**  
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- Radiobar Co.**  
Earnest J. Krause and the Radiobar Co., by John Okolowicz, Jun05:1
- Radio Broadcast News** (magazine), Jan06:12
- Radio Club of America**  
The Other RCA: The Radio Club of America, by B. Belanger, Dec89: 11  
Update on the RCA, Feb90: 10
- Radio Control**  
Radio-Controlled Drones--a Modern Surveillance Tool, by E. Lyon, Jan02: 12
- Radio Corp. of America - See "RCA"**
- Radio Development and Research Corp.**  
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- Radio-Electronics-Television Manufacturer's Association (RETMA)** (See also Radio Manufacturers Association)  
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- Radio Engineering Co. (RECO)**  
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- Radio Engineering Laboratories (REL)**  
The "Other" FM Radios, by E. Lyon, May12:11
- Radio Equipment Co. (Baltimore)**  
The RECO Key Story, by John Dilks, June12: 1
- Radio Era Archives**, Product Review, CD-ROM, Feb99: 14
- Radio Exhibitions**  
How a Gilded Weather Vane Briefly Became the Golden Girl of Early Broadcast Radio, by D. Sohn, (1925 Radio World's Fair), Aug10:1
- Radio History Society**  
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Extensive Publicity Accompanies Grand Opening of RHS Museum, by B. Belanger, Aug99:14  
Museum Developments, by B. Belanger, Dec98:11  
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The NRI Schematic Service and the MAARC/RHS Connection, by B. Belanger, Dec01:6  
Radio Exhibit Opens at GWU, Apr01:13  
Radio Museum/Library Closer to Reality, by B. Belanger, Sep94:10  
Radio & Television Museum Receives a Large Grant, by B. Belanger, Oct06:6  
Radio-Television Museum News, Dec00:11  
Radio-Television Museum to Open in Time for RadioActivity 99, Apr99:15  
The Radio Television Museum Receives a Challenge, Oct99:4  
RHS Signs Memorandum With GWU: Radio Museum Library is One Step Closer, Mar98:5  
Rodger Nye Re-Challenges the Radio History Society, Aug00:10  
R/T Museum Doings, Feb00:14
- Seeks Members and Volunteers, by B. Belanger, Oct94:18  
You Can Help Create the New RHS Museum, by B. Belanger, Feb99:7  
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- Radio Lamp Corp. of America**  
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A Cool Radio Lamp, by G. Shearer, Jul06:9
- Radio League of America**, Mar86: 8
- Radio-Lite-Tenna**  
The Super-Ball Antenna Company—Part 1, by G. Hunolt, Jun11:8
- Radio Index Magazine**, Mar87: 16
- Radio Industry**  
The Radio Industry in the Mid-1930s—Part 1, by B. Belanger, Apr15:10; Part 2, Aug15:9
- Radio Instrument Company**, Tidbit, Jan03: 14, Jan14:8
- Radio Manufacturer's Association (RMA)**  
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- Radio Navigation - See Navigation**
- Radione**  
Nicholas Eltz and His Radione Receivers, by E. Lyon, Nov04: 13
- Radio News**  
Amateur's Handbook, 1930 Ed. - Ad Reproduction, Sep89: 12  
Radio Design Contest of 1926, Sep00:14
- Radio Prices - See "Prices, Radio and TV," and "Auction Prices"**
- Radio Products Corp.** of Birmingham, AL  
Radio Products Corp., by B. Belanger, Nov90: 9
- Radio Quiz:** (Note that for some quizzes, the answers were given in the first or second issue following the issue in which the quiz appeared, whereas for other quizzes, the answers appeared in the same issue. Note also that one-question radio quizzes are not listed here. Sep84: 5; Oct84: 4; Nov84: 5; Dec84: 8; Jan85: 4; Feb85: 6; Mar85: 5; Apr85: 7; May85: 5; Jun85: 3; Jul85: 7; Aug85: 3; Sep85: 2; Jul86: 8; Aug86: 5; Sep86: 6; Oct86: 3; Nov86: 4; Jan87: 7; Feb87: 3; Mar87: 3; Apr87: 8; May87: 6; Jun87: 5; Apr89: 3; Nov95:9  
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- Radio station logs - see "Station Logs"**
- Radio Technician Association**  
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- Radio Trading Co.**, New York - Ad repro. - "Twinplex" SW set, Dec85: 14
- Radio Trivia Quiz - See "Radio Quiz"**
- Radio Wet Ground Mfg. Co.** - Ad Reproduction - Jul89, 12
- Radiobar Co.**  
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- Radiogem** - Ad Reproduction - crystal set, Jun88:10
- Radiola - See "RCA"**
- Radios as "Objets d'art,"** Apr86: 9
- Radiodyne** (This brand name was used by Western Coil and Electrical Co. and by Atwater Kent - see both)
- Railroads and radio**  
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- Rasco** - Ad Reproductions - Baby Detector, Filter Block, Horn Speaker, May89: 6
- Raskin, Ira** - Art Deco Radios on Display, Nov87: 3
- Rauland**  
Rauland, Zenith, and Tubes, by L. Sibley, Oct04: 1
- Ravenswood Radio**  
Ravenswood Radio - A Latter-Day Scott, by E. Lyon, Sep97: 3; Follow-up, Sep97: 12
- RAX military radios**  
Command Radio Sidebar by E. Lyon, Nov05:13
- Ravmer, Steve**  
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- Raytheon**  
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- RCA (Radio Corporation of America) and RCA Victor**  
(The Radio Club of America is listed under its full name.)  
Ad Reproductions:  
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Automatic cigarette lighter, *Letters Patent*, by Randy Warren, Jan94:8  
Book Review - *Recollections of a Research Engineer* (biography of George Brown, who worked at RCA), May86: 5  
Birth of The Radio Group, superhets, licensing, etc. (Historical Note Series, by E. Lyon), Mar85: 3; Apr85: 3; May85: 4; Jun85: 4; Jul85: 8; Aug85: 5; Mar86: 4; Feb87: 4; Apr87: 3  
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How RCA and Farnsworth Camera Tubes Were Different By L. Greenough, Dec02: 1  
A Link Between Articles by Two of our Authors, by L. Greenough, Feb02: 12  
Loudspeakers for Early RCA Public Address Systems, by O. Parker, Oct94:9  
Simplification and Innovation: Making FM Radios Affordable, by E. Lyon, May05: 6  
The "Missing" Little Nippers, by E. Lyon, Nov98:1; Follow-up by Lyon and A. Douglas, Jan99: 12  
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RCA Catacomb Adventures, by H. Perkins, Dec02: 6  
The RCA Dynamic Demonstrators—Part 1, Dec15:1  
RCA Goes to China, Oct05:10  
RCA's Little Nipper Division, by E. Lyon, Nov02: 13  
RCA's Patent Strategy, by B. Belanger, Dec99:1  
RCA's Special Red Tubes, by B. Belanger, Aug12:9  
RCA's TV Glow Tube, by L. Sibley, Apr03: 14  
An RCA Victor Prototype, by L. Sibley, Feb95:12  
Second-Guessing RCA: Correcting a Design Flaw in a 1939 AC/DC Radio, by T. Hannah, Apr07:8  
Seldom Seen RCA Radiolas, by B. Belanger, Feb10:11  
Service tips available from RCA in 30s, Sep86: 13  
The Should-Have-Been RCA Model 23K: Analysis of a 23-tube Prototype Receiver, by L. Bassett, Jun06:1  
The Should-Have-Been RCA Model 23K: Analysis of a 23-tube Prototype Receiver, by L. Bassett, Chapter 2 – The Main Chassis, Dec11:1

Strato-World, by T. Hannah, Aug90: 14  
Substandard tubes during WWII, Oct84: 3  
Supreme Court breakup of radio trust, Jul08:10  
To Tell the Truth, or Will the Real History of Radio Please  
Stand Up, by E. Lyon, Jan01:1; Follow-up, Mar01:10  
Victor Name in "RCA Victor" - Hist. note, by E. Lyon,  
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VoltOhmyst - VTVM History: The Rider VoltOhmyst,  
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**Red Lion Cabinet Co.**

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The Red Lion Cabinet Co., by B. Belanger, Jul93:1

**Redmanol** (predecessor of Catalin), Tidbit, Nov06:10

**Refinishing and Cabinet Restoration** (See also "Cabinet  
Cleaning" and "Veneer")

The Bane of the Finicky Refinisher, by E. Stenberg, May06:1  
Basic Wood Radio Cabinet Refinishing--Part 1,  
by E. Stenberg, Aug02: 5; Part 2, Sep02: 7  
Cabinet Refinishing - Another View, by D. Houston,  
Dec94:7  
Cabinet Refinishing, The Old Fashioned Way, by G.  
Symonds, Jan90: 4  
Cabinet Refinishing companies in DC area, Feb06:10  
Cabinet Refinishing Tips, by B. Belanger, Jun92: 7  
Credit Cards and Old Radios, by J. Koester, Feb06:14  
Custom-mixed stains/paints available, Dec89: 18  
Easy Method Cabinet Refinishing, by B. Belanger, Nov84: 3  
Fine Abrasive Restoration Technique, by J. Koester and  
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MAARC Cabinet Refinishing Panel, Jun15:12  
Notes from the Workshop, by R. Warren, May94:5, Jul94:5,  
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Radio Cabinet Restoration, by J. Koester, Jun09:1; Aug09:5  
Refinishing Method Described, Aug93:15  
Sawdust and Old Radios, by J. Koester, Jun01:6

**Reflex Circuits**

David Grimes and His Inverse Duplex, by B. Belanger,  
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Tidbit (one-tube reflex), Sep08, p. 10

**Regenatone** - Model DW1 (schematic and descrip.), Jan87: 4

**Regency**

Texas Instruments and the Regency TR-1, by C. Cook,  
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**Reid, John**

Tube Amplifier Distortion, Sep94:1

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**Remler**

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**Remote Controls**

Restoring a Philco 39-116 (with "Mystery Control"), by B.  
Belanger, Dec97:1  
The Shocking Mystery Control Mystery, by E. Lyon,  
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The Silvertone Model 112, by D. Gonshor, Mar11:1  
**Resas, Inc.** - Ad Reproduction - superhet kits, Apr87: 3

**Research Products Corp.**

The Daley Plerophone and the Research Products  
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**Resistance Line Cords** - see restoration tips, line cord resistors  
**Resistors**

Bill and Joe: Resisting Part 4, by W. Lindenschmidt, Mar07:6  
Bill and Joe: Resisting Part 5, by W. Lindenschmidt, Jul07:12  
Bill and Joe, Part 6, by W. Lindenschmidt, May08:9  
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Lindenschmidt, Jan07:6  
Repairing Nichrome resistors, by T. Hannah, Dec88: 7  
Repairing wirewounds, by J. Cohen, Mar86: 6  
Resistors-So Simple Nowadays, by E. Lyon, Mar99:5  
Symbols used by Stromberg-Carlson and Zenith, Aug88: 13  
Voltage divider part data, Jun89: 15

**Restoration Tips** (*Check specific component categories such  
as speakers, transformers, capacitors, refinishing, veneer,  
etc., as well. Also, tips for particular models will be  
listed under that manufacturer -- e.g., a note on restoring  
an AK 60 would be found under Atwater Kent.*)

ac/dc radio power supply safety - adding resistor "fuse,"  
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 P. Hart, Apr14:1, Part 2, Apr15:1  
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 Tester, Mar88: 8; see also additions/modifications to  
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 M. Higgins, Oct14:13; To Bogey or not to  
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 That Radio Has HOW Many Tubes?, by E. Lyon, Jan00:10  
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- Tubes vs. Transistors, by B. Belanger, Sep93:3
- Tubes vs. Transistors-Redux, by R. Warren, Sep93:4
- Tubes vs. Transistors, Tidbit, Aug03: 13
- Tube Tester Basics, by B. Belanger, Dec13:9
- Vacuum Tube Manufacturing Returns, by B. Belanger, Jul94:10
- “Western Electric” Tubes: An Apparent Revival, by L. Sibley, May95:13
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- Wunderlich Tubes - See separate listing under W
- Turn-it Variable Grid Leak Resistor**  
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- Tungar Bulbs** - Ad reproduction, Feb97:13
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- Tuning and Tuning Devices**  
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Evolution of tuning schemes, May87: 15  
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- UHF (Ultra-high Frequencies)**  
The Military Struggles to Higher Frequencies, by E. Lyon, Nov14:1
- Uniact**  
The Plymouth Radio and Phonograph Co., by G. Hunolt, Dec10:1
- Ultradvne**  
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- United Reproducers**  
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- United States National Marconi Museum**, (Bedford, NH)  
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- Utah**  
Ad Reproductions:  
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- Vacuum tubes - See "Tubes"**
- Vaic Valve Italia**  
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- Valentines (Radio valentines)**  
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- Van Dyck, Arthur**, Tidbit, Jan05: 10, Mar05: 10, 12
- Varioloop** - Ad reproduction - loop antenna, Jan88: 5
- Vaughan, Bruce**  
The First Radio in Springdale, Apr12:14
- Veneer and Wood**  
Cabinet Refinishing Tips, by B. Belanger, Jun92: 7  
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- Restoration tips - Apr89: 5  
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- VHF bands**  
The Migration to VHF, by E. Lyon, Mar13:8
- Victor Company**  
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Model RE-45 service hint, Sep04: 10  
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Victor’s Glorious Quartette: R-32, R-52, RE-45, and RE-75 by C. D. Houston, May00:11  
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- Vintage Radio and Communications Museum of Connecticut, Inc.**, Oct04: 12
- Vintage Wireless Museum** (W. Dulwich, England), Jan87: 4
- VLF (very low frequency) radio**  
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- VM – See Voice of Music**
- Voice of America**  
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When One Tube is Not Enough, (safety problem in Model 121 record player), by E. Lyon, Sep10:13
- Volksempfänger (Nazi “People’s radio”)**  
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- Volt-ohmmeters** - See Multimeters
- Voltage Divider Data**, Jun89: 15
- Volume Control**  
Hints for replacement, Dec12:14  
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- Volume Expanders**  
The Crosley Auto Expressionator and Phantom Conductor, by B. Belanger, Jan98:10; Follow-up: Apr98:6, Aug03: 13
- von Handel, Paul**  
HRO versus HRO, by Ed Lyon, Sep13:1
- Voxson**  
The Voxson “Harvey” Three-way Portable--Well, Almost, by E. Lyon, May02: 1
- Wadley Loop**  
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- Walart Speaker Co.** - Ad repro. for hanging speaker, Aug86: 1
- Walker, David**  
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- Wallace, Rusty**  
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- Walsco**  
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## **War**

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## **War of the Worlds**

The Great Radio Panic of 1938 by P. Everett, Mar97:9

## **Ware**

The Music Master Radios, by E. Lyon, Jul10:1

## **Warren, Randolph**

The Compleat Homebrewer (loop antenna construction),  
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Letter to the Editor, Nov93:9

Letters Patent (high freq. spark xmtr. from 1947), Mar93: 8

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Notes from the Workshop (cabinet refinishing),

May94:5, Jul94:5, Nov94:6

Repairing Audio Transformers, Nov92: 12

The Torch Passes, Dec94:15 (about his service as  
newsletter editor)

Tubes vs. Transistors-Redux, Sep93:4

## **Watson Table and Furniture Company**

Ad reproduction, Oct97: 14

## **WBAL (Baltimore station)**

Early Broadcasting in the Washington-Baltimore Corridor, by  
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## **WBAY (NY City AT&T station)**

Ma Bell to the Rescue, by E. Lyon, Sep06:9

## **WBBM (Chicago station), Aug99:1**

## **WBES (Washington, DC station)**

Early Broadcasting in the Washington-Baltimore Corridor,  
by E. Lyon, Mar00:6

## **WCAO (Baltimore station)**

Baltimore Broadcast Radio and the Aeriola Era, by

Dan Sohn, Feb09:1

Early Broadcasting in the Washington-Baltimore Corridor,  
by E. Lyon, Mar00:6

## **WCAP (Washington, DC station)**

Early Broadcasting in the Washington-Baltimore Corridor,  
by E. Lyon, Mar00:6

## **WDAC – Tidbit, Sep05:11**

## **WDAF (Kansas City station)**

The Coon-Sanders Nighthawks: A Dance Band Shaped by  
Radio, by B. Belanger, Feb00:1

## **WDAR (Philadelphia)**

A Postcard, a Photograph, and a Pin Back Button – Early  
Radio Souvenirs, by D. Sohn, Feb08:1

## **WDAY (Fargo, ND)**

A Postcard, a Photograph, and a Pin Back Button – Early  
Radio Souvenirs, by D. Sohn, Feb08:1

## **WDM (Washington, DC station)**

Early Broadcasting in the Washington-Baltimore Corridor,  
by E. Lyon, Mar00:6

## **WDT (New York City station)**

Baltimore Broadcast Radio and the Aeriola Era, by  
Dan Sohn, Feb09:1

## **WEAF (NYC AT&T station)**

First crystal control, Sep07:10

Ma Bell to the Rescue, by E. Lyon, Sep06:9

## **WEAR (Baltimore, MD station)**

75 Years of Broadcasting in Maryland, by Harry  
Shriver, May97: 1

Baltimore Broadcast Radio and the Aeriola Era, by  
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by E. Lyon, Mar00:6

Followup to Radio and Presidential Politics, by B.  
Belanger, Oct92:9,

## **WEAS (Washington, DC station)**

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## **Websites - See World Wide Web**

### **Webster-Chicago**

Model 80 wire recorder, Dec05:10

### **Webster Electric (Racine, WI)**

Webster Electric of Racine. by G. Hunolt, Feb15:1

### **Weller, Carl**

Carl Weller and the Soldering Gun, by B. Belanger, Feb92: 8

### **Wells Manufacturing Co.**

Wells Manufacturing Co., by Greg Hunolt, Oct12:8

### **Wellston Radio Corp.** - Ad for Aerial, May 94:16

### **WENR (Chicago)**

Another Photograph and More Postcards: Early Broadcast  
Souvenirs, by D. Sohn, Jun08:9

### **Wesenberg, Ron**

H. Leslie Hoffman: The Entrepreneur of Hoffman Radio  
Corp., by Ron Wesenberg, Feb14: 11

### **Western Coil & Electrical Co.**

The Voice of the Nation - Part 19, by E. Sanders,  
Aug94:16; Part 20, Jan95:14; Part 21, Mar95:8

### **Western Electric (See also AT&T)**

Ad Reproduction - early cone speakers, Feb85:10

Collectable Aircraft Radios – Part 1, by E. Lyon, Jul05:9

“German” Tubes by Western Electric, by L. Sibley, Mar97:12

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The Western Electric 18-B Receiver, by D. Parks, Aug98:4

“Western Electric” Tubes: An Apparent Revival, by  
L. Sibley, May95:13

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### **Western Historic Radio Museum** (Virginia City, NV), Dec04:6

### **Western Radio Manufacturing Co.** - Ad Repro., Sep86: 13

### **Westinghouse**

Aerola Sr.—Out of the Darkness and Into the Light  
(Aeriola Sr. restoration), Dec15:7

Baltimore Broadcast Radio and the Aeriola Era, by  
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Birth of "The Radio Group" - Historical note, by Ed Lyon,  
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A Mail-Order Classic: The Westinghouse Aeriola Senior  
Regenerative Receiver, by S. Statts, Jan99:6

Models H-125, H-126 refrigerator radio

Service notes, Dec86: 12

Models WR-8 and WR-8-R service note reprints  
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Model WR-301, Nov04: 10

More on Early Electronic Television Receivers, by L.  
Sibley, May96:1

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 Televisions at the NY World's Fair, Nov95:1  
 Type 10 tube, Tidbit, Mar15:8  
 What's Going On Here? (Model H-190), by T. Hannah, Dec01:5  
 Westinghouse Model Numbers, Aug10:10

**Wexler, Ira**  
 (Book Review) Anderson, Betty Baxter, *Four Girls and a Radio*, Aug14:11  
 My First Radio Restoration: A Segue Into a Great Hobby, Dec14:6  
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 The RCA Dynamic Demonstrators—Part 1, Dec15:1  
 Television Repair in a Dagnet Episode, Jun15:1

**WFBR (Baltimore, MD station)**  
 Oct92: 9, May97: 1, Aug99:5  
 Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

**WFGW - Aug02: 14**

**WGAR (Cleveland)**  
 Tidbit, May06:11

**WGN (Chicago radio station)**  
 ... Jan92: 5  
 The Coon-Sanders Nighthawks: A Dance Band Shaped by Radio, by B. Belanger, Feb00:1

**Wheeler, Harold A.**  
 Harold A. Wheeler, Inventor of AVC, Oct98:12  
 Hazeltine: The Professor, by H. Wheeler, Jun00:7. Aug00:1; Oct00:1

**Wholesale Radio Service - See Lafayette**

**Wiepert, Tina and Bob**  
 A Find for All to Enjoy, Jul93:8

**WIL (Washington, DC station)**  
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**Wilcox-Gay**  
 Trial by Fire (restoring a Wilcox-Gay Model 70), by E. Lyon, Sep03: 6

**Williams, Larry**  
 Vexing Problems - With Solutions, Mar94:8

**Williams, Ralph** - Obituary, Jul02: 17

**Williamson Amplifiers**  
 Audio Under Glass-5, by E. Lyon, Mar07:8, Jan08:9

**Wilson, Davis**  
 Line voltage reduction, Dec11:14  
 Power FET Replacements for Antique Radio Tubes, Apr92: 1; Update to previous article, Aug92:1

**Winterfest**  
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**Wire**  
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 Fungus on wires - removing, Feb85:5

**Wireless, Early**  
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 Early Wireless and Early Aviation, by D. Sohn, Jun07:1  
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The Early Wireless Enthusiast, by D. Sohn, Oct07:1  
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 William Dubilier: Wireless Pioneer and His Companies, by B. Belanger, Apr14: 7

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**Wireless Set No. 19**  
 The Wireless Set No. 19, by Chris Bisailion, Oct91: 3

**Wire Recorders**  
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**Wirthmore** - Ad reproduction - radio cabinets, Sep86: 7

**WJAS (Pittsburgh, PA)**  
 ...The Target: WJAS, by E. Lyon, May02: 11

**WJDM (Elizabeth, NJ, station)**, May96:4

**WJEJ (Hagerstown, MD)**  
 Another Photograph and More Postcards: Early Broadcast Souvenirs, by D. Sohn, Jun08:9

**WJH (Washington, DC station)**  
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**WJSV (Washington, DC, station)** Became WTOP, Jan93: 6

**WJAV (Laconia, NH)**  
 A Postcard, a Photograph, and a Pin Back Button – Early Radio Souvenirs, by D. Sohn, Feb08:1

**WKC (Baltimore, MD station)**  
 Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1  
 Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

**W-K Electric**  
 An Orioles' Double-Play—Armstrong-to-Miller-to-Winther, by E. Lyon and Joe Sousa, Jan14:1,  
 Follow-up – May14:12  
 W-K Electric, by G. Hunolt, Oct10:1; Comment: Nov10:11

**WMAL (Washington, DC station)**  
 Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

**WMH (Cincinnati station)**  
 Tidbit, Aug10:8

**WMU (Washington, DC station)**  
 Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6; follow-up, Mar04: 10

**WNAY (Baltimore station)**  
 Baltimore Broadcast Radio and the Aeriola Era, by Dan Sohn, Feb09:1

**Women in Radio**  
 Amelia's Legacy in Radio, Nov03: 6  
 Early Wireless and the Gibson Girl, by D. Sohn, Dec07:1

**Woodward and Lothrop**  
 Woodies—Washington's Radio Store for 1922, Sep09:9

**Word search quiz**, Nov85: 6

**WORK (York, PA)**  
 Another Photograph and More Postcards: Early Broadcast Souvenirs, by D. Sohn, Jun08:9

**Workrite**  
 Ad Reproductions:  
 Concertola, Jr. Speaker, Aug90: 12  
 Flexi-unit, Dec04: 9  
 Walker Multi-Unit, May04: 6 and May15: 14

### **World Radio Laboratories**

Ad reproductions:

Globe Chief, etc., Apr07:15

Globe Scout 680, Aug10:15

### **World War I – See also Wireless, Early**

Aircraft Radios in World War One, by E. Lyon, Jan13:7

### **World War II** - See also articles under tube listings for M-R tubes, listings for radar, spying, etc.

Almost Too Good to Be True, by A. Douglas, (comments on difficulty of production early in WWII), Sep96:10

An' a One, an' a Two...by E. Lyon, Nov03: 13

Beams, Enigma, and the Coventry Myth, by R. Thomas, Jan01:9

El Alamein - Before and After, by E. Lyon, Nov99:5; follow-up, Jan00:4

General Radio's Prize Receiver, P540, by E. Lyon, Nov14:8

HRO versus HRO, by Ed Lyon, Sep13:1

The Migration to VHF, by E. Lyon, Mar13:8

Naval Air and Radio—Part 1, Jan16:1

A Parasitic Radar in World War 2 – Part 1, by E. Lyon, Sep12:1, Part 2, Nov12:8

People's Radio (Volksempfänger), Nov14:13

Philco's World War II Cartoons, by J. Okolowicz, Apr10:1

The Proximity Fuse Program, by E. Lyon, Mar01:1

Radio and the Fall of the Third Republic, by E. Lyon, Sep99:1

Radio Dealers and Service Shops During World War II, by B. Belanger, Dec03: 1; follow-up, Feb04: 17

Radio Servicing During World War Two, by B. McCalley, Dec00:12

Rationing in the War, by E. Lyon, Jul04: 14, Nov04: 9

Restrictions on servicing, Nov03: 10

Sharing the Blame: British Radios That Left American Fingerprints, by E. Lyon, Sep14:10

Those Thousands of Little Inventors, by E. Lyon, Nov00:1

Tidbit (censorship), May06:10

Tidbit (Doolittle raid, balloon bombs

Tidbit (servicing during the War), Jan10:10

Tuning In During the War, by E. Lyon, Sep00:1

A World War II Japanese Navy Type 609 Wavemeter Receiver, by E. Lyon, Sep03: 1

Spahr, Lisa, *World War II Radio Heroes—Letters of Compassion* (Book review by P. Farmer), Sep08, p. 13

### **World Wide Web**

Antique Radio on the World Wide Web, by B. Belanger, Jun96:1; Follow up, Aug96:7

Websites - Feb98:10; Feb99: 15; Oct00:11, Aug11:14; Apr12:12; Apr13:14

### **WPM (Washington, DC station)**

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

### **WQXR (New York City station), Aug99:4**

### **WRC (Washington, DC, radio station)**

1923 Ad reproduction, May88: 28

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

Photo of early building, May05:10

Tidbit, Apr05: 10

The Voice of the Capital, August 1, 1923 (reproduction of old brochure), Apr93:5

### **WRHF (Washington, DC station)**

Early Broadcasting in the Washington-Baltimore Corridor, by E. Lyon, Mar00:6

### **WSAI (Cincinnati, OH)** - plays old time programs), Mar95:5

### **WSM (Nashville, TN, radio station)**

When Rails Met Radio, by R. Thomas, Oct95:15

### **WSRS (Cleveland, OH)**

Programs of Record, by E. Lyon, Jul09:7

### **WTOP (Washington, DC, radio station)**

Former call letters WJSV, Dec93: 6

QSL card. Aug99:3

Station WTOP Wins Historic Status, Dec91: 7

### **Wunderlich Tubes**

Co-Planar Grids—RCA Wunders About Them, Nov15:7

Tidbit on the Wunderlich tube, Jan99: 9, Sep05:11, Jul08:10

Wunderlich's B Tube, by E. Lyon, Jan00:1

The Wunderlich Detector, by L. Sibley, May 97: 11

The Wunderlich Tube, by R. Fabris, Oct90: 7

Wunderlich Tube Characteristics, by E. Lyon and J. Sousa, Sep11:9

Wunderlich Tube Replacement, by J. Forbes, Jun90: 15

Wunderlich Tube Replacement & Fusing, by C. Rhodes, Dec90: 9

### **WWV (Time signal station)**

The Non-stop Signal Generator, by T. Hannah, Oct89: 6

### **Yahr & Lange**

The Super-Ball Antenna Company—Part 1, by G. Hunolt, Jun11:8; Part 2: Aug11:9

### **Yardley, Herbert**

Bletchley Park West--Yardley's Black Chamber, By E. Lyon, Mar02: 6

### **Yeaw, Ernest**

Canadian achiever, Feb97:15

Collection/museum, Jul88: 17; Jun89: 14

### **Young, Richard**

It's In the Bag, Jun02: 14

### **Zandonini, Elizabeth**

Woodies—Washington's Radio Store for 1922, Sep09:9

### **Zenith**

Ad reproductions:

Chicago Radio Lab. "Z-nith" regenerator, Mar88: 20

Model 12-S-232 (photo only), Feb88: 10

Model 75, Oct89: 19

Stratosphere TV, Jul86: 20

Trans-Oceanic, May86: 9; Mar89: 4, 6

"Zenette" model (1949), May86: 8; Jul86: 2

Bakelite chassis - Restoring a Zenith Bakelite Chassis

Radio, by T. Hannah, Sep91: 4 (part I); Jun92: 15 (part II)

Broadcasting and Snake Oil, by E. Lyon, May04: 12

The Coca Cola Cooler Radio: Who Made It?, by T. Hannah, Jun03: 10

Fixing Up Zeniths--Chassis Work 1, by E. Lyon, Mar04: 12

Fixing Up Zenith (and other) Radios, by E. Lyon, May04: 7

Ham receiver, Feb99: 16

History - complete 29 page corporate history from 1919 to the 1950s - MAARC Reprint #1, Supplement to July 1986 issue--contact MAARC's membership chair for availability

How To Service a Zenith Shutter Dial Radio, by J. Goller, Feb13:8

Identifying Zenith Radios, by J. Koester, Jan89: 14

Model 6D425 - restoration, by T. Hannah, Sep91: 4  
 Model 6P457 - restoration, by T. Hannah, Jun92: 15  
 Model 8C20 - Chassis Repair, by J. Forbes, Jan90: 8;  
   servicing, by E. Lyon, Nov04: 6  
 Model 10H571, troubleshooting, by T. Hannah, Dec99:11  
 Model 10S153, restoration and troubleshooting, May96:5  
 Model 15U269 console description, May04: 9  
 Model Royal D 7000, Apr03: 11  
 Model Z434W, A Hot-Chassis Radio Deja Vu All  
   Over Again, by E. Lyon, Sep14:1  
 More Zenith Radios Not Made by Zenith, by T. Hannah,  
   Jul90:8  
 Put a Little Spring in Your Zenith, by J. Koester, (dial  
   glass retaining spring in 1937 models), Jul94:12  
 Putting the Fix on a Zenith Royal D 7000, by P. Hyman,  
   Apr03: 11  
   Quits television business, Jan92: 5  
 Radiorgan (control buttons) - Curse the Commander, by  
   J. Koester, Dec93:7  
 Rauland, Zenith, and Tubes, by L. Sibley, Oct04: 1  
 Replacing 6A8G with 6A8 metal or GT in Zenith sets,  
   Oct87: 2  
 Replacements available for pot metal "steering wheel" band-  
   change knobs, Jan86: 7  
 Restoring a Zenith 12-S-265, by B. Belanger, Jun10:9,  
   Follow-up, Aug10:7  
 Restoring a Zenith 3000-1, by P. Hyman, Aug01:13  
 Schematics not available from Zenith for older models,  
   Apr85: 6  
 Symbols used for resistance values on older schematics,  
   Aug88:13  
 Trans-Oceanics  
   A Short History, by T. Hannah, Mar89: 3  
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