

Indiana Historical Radio Society  
**BULLETIN**

Vol. 7

April 1978

No. 1

Let a Demonstration Prove the Superiority of the  
New 1927 Model 35, Single Dial  
"Treasure Chest"

# Atwater Kent Radio



Model 35  
With ONE DIAL

Completely Equipped  
With High-Grade,  
Up-to-Date  
Accessories

A Peerless  
Value at

For This Price You Get—

- 1 Model 35 Atwater Kent Radio
- 6 Cunningham No. 301 A Tubes
- 2 Sturgess 45-Volt "B" Batteries
- 1 Westinghouse "A" Battery
- 1 "Ray-O-Vac" "C" Battery
- 1 Spartan Cone Speaker

**\$109.50**

**D**ELIGHT the family on Christmas morning with one of these famous radios that have won their great reputation through exceptional range and superior clearness of tone. With the single dial control, simple enough for a child to operate. Buy NOW at matchless savings.

*Just a Few More Radio Tables, Special at \$10.48*

BLOCK'S—  
Fifth  
Floor.

**THE W<sup>M</sup> H. BLOCK. CO**

BLOCK'S—  
Fifth  
Floor.



OFFICERS

- President . . . . . Ross Smith  
 1133 Strong Ave Elkhart, IN 46419
- Vice President . . . . . Walt Sanders  
 15 Todd Pl., Terre Haute, IN 47803
- Secretary . . . . . Frank J. Heathcote  
 616 Barrow St., Logansport, IN 46947
- Treasurer . . . . . Harry Martin  
 PO Box 415, New Palestine, IN 46163
- Editor . . . . . Fred C. Prohl  
 7257 Murphy Drive, Indianapolis, IN 46256
- Historian . . . . . Ed Taylor  
 245 N Oakland Ave., Indianapolis, IN 46201

FOR INFORMATION WRITE TO:

- Vice President - For legal matters of the I H R S.
- Secretary - For general correspondence and membership applications.
- Treasurer - For membership payments and address changes.
- Historian - For history of the I H R S and for donations of material for the Society Scrapbook.

Please use a Self Addressed Stamped Envelope when corresponding.

Reproduction of this Bulletin or its contents is prohibited unless authorized by the Indiana Historical Radio Society.

## MUSEUM NEWS

Del Barrett, chairman of the A C D Museum project at Auburn, reports that the I H R S display space has been increased to about 3000 square feet. This will allow the display of large consoles and phonographs that are available.

A nice addition to the display will be a collection of wall telephones loaned to the museum project by Ross Smith.

Del asks Society members to consider loaning large consoles or phonographs that are suitable for display. (No rough items, please.) If you have an item you would like to loan, contact Del to see if the equipment fits within the display plans. His address is:

Del Barrett  
1517 Pacific Drive  
Ft. Wayne, IN 46819

Columnist Fran Murphy of the 'Akron Beacon Journal' had this to say about the I H R S display at Auburn:

"The (A C D) museum has some bonus displays, especially a room organized by the Indiana Historical Radio Society. Posters, early crystal sets and old radios are there to peruse. A 1938 Howard radio can be tuned in to old time radio programs. It's Don McNeil, Ben Bernie, Vic and Sade, Jack Benny, Lowell Thomas and "The Inner Sanctum" packaged as "The Golden Age of Home Entertainment - 1900 - 1950."

(Good Morning - Sunday, August 28, 1977)

Improves any set. Easy to install.		Neat, compact, durable. Moderate in price.
		
"The Perfect Contact Radio Ground" Patent Applied For		
PER-CON MFG. CO.		Richmond, Indiana



## Book Reviews

"THE MARCONI SCANDAL" by Frances Donaldson, 1962.

In March 1912, the Postmaster-General of England accepted the Marconi Company's bid to build the first six stations of a wireless chain to link the British Empire. Negotiations had been conducted for the Marconi Company by its Managing Director, Godfrey Isaacs, brother of Sir Rufus Isaacs the Attorney-General. Immediately it became clear that opposition to the contract would be unexpectedly strong. Rumors began to spread charging Ministers, among them Lloyd George, with corruption in placing the contract and using their position to speculate in Marconi stock.

Although it has been discussed in many biographies of the period, this is the first objective and full-length account of this dramatic and little-known event in English History of which Mr. Marconi was blameless.

Ed Taylor



## I H R S Meeting Schedule

1978

May 5 and 6 - Auburn, Indiana

July 22 - Indianapolis, Indiana

October 14 - Valparaiso, Indiana

### 1,000,000th Atwater Kent Receiver Is Turned Out

A duplicate of the millionth Atwater Kent receiver, which, according to word from the factory to Tom J. Molloy, sales representative for the Atwater Kent Manufacturing Company, is scheduled to be turned out Friday afternoon, will be received by the H. T. Electric Company, Indianapolis distributors. The set will bear a special gold plate with the number of the set certified over Mr. Kent's signature and will bear a serial number between 1,000,000 and 1,000,100.

In addition to the millionth set Friday, more than 5,300 other receivers will be turned out. In 1922 the production was 6,628. Tremendous production gains are shown yearly, until this year the production will be 600,000.

The cover and back of this bulletin are from the December 3, 1926, Indianapolis News.

Radio Adds and Bulletin Information should be submitted to the Editor prior to June 15, for the July Bulletin.

THE ANTIQUE WIRELESS ASSOCIATION  
REGIONAL CONFERENCE  
AND  
THE INDIANA HISTORICAL RADIO SOCIETY  
SPRING MEET

May 5 and May 6, 1978 - Auburn - Cord - Dusenberg  
Museum  
Auburn, Indiana

The Program:

Friday, May 5

- 9:00am to Noon - Early registration and museum displays. Speaker contest registration.
- 1:00pm - Outdoor swap meet, south parking area, next to the loading dock.
- 4:00pm - Old speaker contest.
- 7:00pm - "The Early Years", AWA slide-tape show starring Clarence Tuska, co-founder of A.R.R.L. and president of Tuska Radio Company. Presented by Dex Deeley.

Saturday, May 6

- 9:00am - Outdoor swap meet, south parking area. Register equipment for afternoon auction. Register equipment for the Old Equipment Contest.
- 10:30am - Auction of donated equipment for the I H R S museum fund. (Bring your extras move it along for a good cause.)
- 1:00pm - Auction of personal equipment. (A 10% donation is asked for the I H R S museum fund.)
- 4:00pm - The Ultra-Sonic Cleaner by Dick Ransley a very interesting demonstration of radio part cleaning. Bring your own small part if you wish to have it cleaned during the demonstration.  
Old equipment contest judging.
- 7:00pm - Banquet and Entertainment featuring The Johnny Appleseed Dulcimer Club.

## OLD TIME SPEAKER CONTEST

Friday, May 5 Judging at 4:00pm  
Conducted by Julian Stark

Prizes for the best sounding and best appearance  
high impedance magnetic speaker.

There are two classes:

- I. Horn Speakers
- II. Cone Speakers

Have speakers ready for hook up by 3:30 pm.

## OLD EQUIPMENT CONTEST

Saturday, May 6  
Conducted by Walt Sanders

9:00am to 10:00am - Register Equipment

1:00pm - All equipment should be in the contest  
area by this time.

- Class I Best amplifier and match with components.  
(pre 1925)
- Class II Best crystal set. (pre 1924)
- Class III Best inductance tuned receiver.
- Class IV Best classic receiver. (pre 1930)
- Class V Most unusual or interesting receiver.

Contest awards presented at the banquet.



## General Information

Banquet reservations with full payment must be received by April 28, 1978.

Two days, including Banquet Ticket - \$10.50 each person.

Saturday only, including Banquet Ticket - \$8.50 each person.

Adult single admission at the door (each day) \$2.00.  
Student or child admission (each day) \$1.00.

Send your registration note and check to I H R S  
Treasurer, Harry Martin, P.O.Box 415, New Palestine,  
Indiana 46163.

Last minute registration without Banquet Tickets is unlimited and obtainable at the Meet. Your Banquet Tickets and A C D Museum pass will be waiting for you at the Museum.

The following motels are available in the immediate area and they have been advised of the Meet.

I.K. Motel, I-65 & US 27, Auburn, IN 46706  
Phone 1-800/447-4470

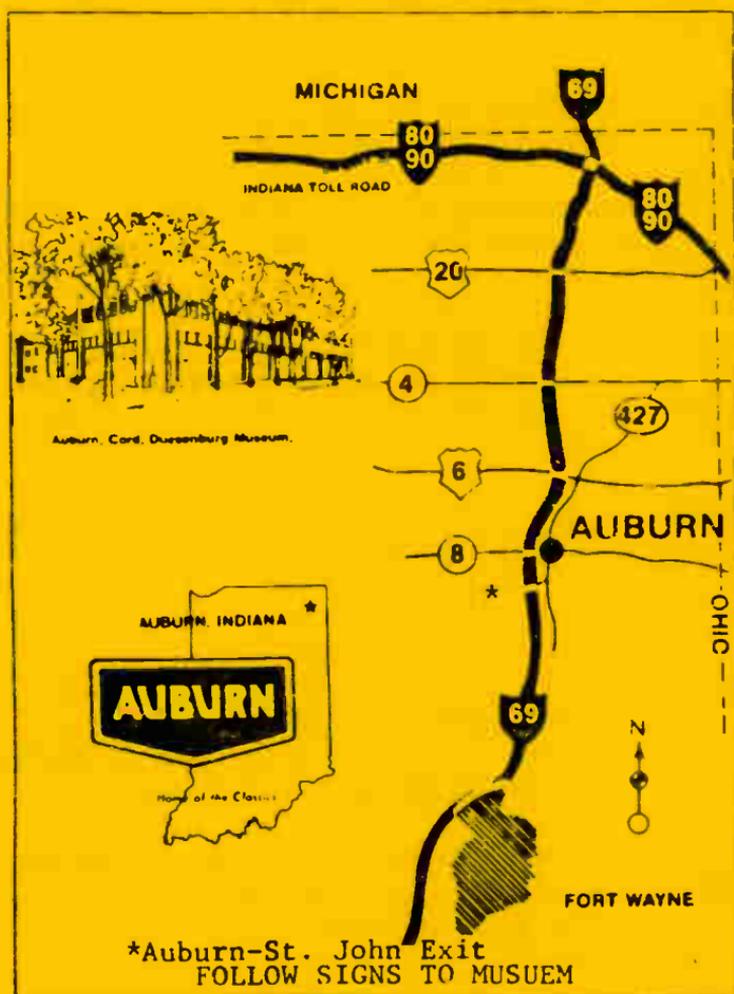
Star-Lite Motel, 936 West 7th St, Auburn, IN  
46707 Phone 1-219/925-0500

Hospitality Motor Inn, I-69 & SR 1, Fort Wayne,  
IN 46825 Phone 1-219/484-9681

The Johnny Appleseed Dulcimer Club members hand craft their three stringed musical instruments from North American hard woods such as Walnut, Cherry and Maple. They will offer an excellent program of musical entertainment as well as a history of the Dulcimer.

# Indiana's *Auburn-Cord-Duesenberg* Museum

**AUBURN, INDIANA 46706**



# Let's Go

# ★ ★ RADIOADS ★ ★

Wanted: FEDERAL 56, 57, DX58, or 61, info on ZENITH 3M Amp, GREBE CR-8 or CR-9 cabinet. For sale: Radios, Outside horn disc phono, cylinder records, etc. Send SASE for list to Walt Sanders, 15 Todd Pl., Terre Haute, In 47803

For Sale: Reducing collection. Several AC And battery sets for sale. Also spkrs and misc parts. Want info or equip made by Bush & Lane Piano Co., Kellogg and KARAS. SASE for list. K.L.Pontius, 413 S. Jefferson, Hartford City, In 47348

Wanted: Early radio advertising, signs for tubes, speakers, receivers etc., to be put on loan and displayed at the Auburn, Cord, Duesenberg Museum at Auburn, Indiana. Contact Del Barrett, 1517 Pacific Drive, Ft. Wayne, IN 46819

Wanted: Emerson Multivalve tube, cash or trade. Del Barrett, 1517 Pacific Dr., Ft. Wayne, IN 46819

For Sale: Large number of Battery, AC Sets, speakers, magazines, etc. Send SASE for list. Prefer pick up. Bob Lane, 2301 Indianapolis Ave, Kansas City, MO 64124

Wanted: Good original speaker for an AK Cathedral radio Model 84. G. Ecklogh, 604 Stuart Ave, Baltamor, Md 21221

Wanted: Six hex type binding posts for Freed-Eiseman NR-5. Also need working RK-20 Xmitter tube. Wes Chatellier, W5DPM, 1950 Chevelle Dr., Baton Rouge, LA., 70806

For Sale: Radios, old TV's, new and used tubes from late 1920's thru 1950's, and Cathedral Radios. Send SASE for list. Al Jochem, 2047 College, Quincy, Ill 62301

Wanted: Motorola Sr. or Jr. air craft radios. Ralph B. Diller, 114 West Blvd., Kokomo, IN 46901

# ★ ★ RADIOADS ★ ★

For Trade: Will trade tubes for crystal and small early battery sets. Will send tube lists & trade sets for JASE. George Haymans, Box 468 Gainesville, Georgia 30501

For Sale or Trade: AK 20 large & small, MAGNAVOX model 10, Radio News/Craft, QST, and a lot of other stuff and sets. Wanted to Buy: Paragon audio transformer, Crosley Sheltran (terminals both ends), Crosley tuning dial for 1922 sets. Any early equipment pre 1924. Rick Ammon P.O. Box 104, Mt. Carmel, Ill 62863 (For sale items send large SASE with two stamps for multipage list)

Wanted: Loop antenna for Deforest D-12. Contact Kenn Hardy, 7652 Shoshone, Denver, Colorado, 80221

Wanted: Two condensers for a 1924 or 25 B-T radio, 23 plate 2 gang. Ed Schmidt, 1865 Newark Drive, West Bend, WI 53095

Wanted: Original Wunderlich tube or automobile Wunderlich tube, Trade or Cash. Ross Smith 1133 Strong, Elkhart, In 46514

Wanted: A chassis for a Peter Pan - it's a Jackson-Bell model 84. R.K.Goodlive, 1401 Franchere Pl., Sunnyvale, Calif 94087

Wanted: The metal lid support for a Radiola Grand. Two tuning knobs for a Freshman Masterpiece-- the model with the window dials. Bill Hemmen, 324 Forest Ave. Aurora, Ill 60505

Wanted: Old battery radios of the early 1920's. Need not be in working condition or have tubes. Also collect old crystal sets. Please state the model, name and number, and price and send info to D.T.McKenzie KOSVJ, 1200 W. Euclid St, Indianola, Iowa 50125 Phone 1 (515) 961-477

# ★ ★ RADIOADS ★ ★

Wanted: All Crosley items - Radios, Speakers, signs, brochures, parts etc. I collect only Crosley items.  
For Sale: Radio Boys books, 40 diff at \$3.00 ea, send for list. Zenith farm set, good cond \$20.00 Send SASE to Jack Bacon WDBVO 2840 Alabama Ave. So, St Louis Park, Minn 55416

For Trade: AK 20-no tubes-good condition and RADIOLA III no tubes-good condition. Looking for horns of all makes, a Sears battery set (1925), and Indiana made battery sets. Fred Prohl, 7257 Murphy Drive, Indianapolis, IN 46256

Wanted: Commercial crystal set kits or commercial crystal sets or commercial crystal set tuners, pre 1930.  
Richard Gagnon, 5725 Becker Dr., Rochester, Mich. 48063

Wanted: Internal speaker for 1926 Radiola 26 portable VRP 112. Consider complete junker set. Also need metal cover for 1928 Apex Electus (14.5"X22"). Herb Balmer, 610 N-14, Marysville, KS 66508

For Trade: ZENITH 4R, KENNEDY XV, AK 9 (#4445). I want Grebe CR 18, DeForest D 10, Amrad, Paragon, Murdock, other AK Breadboards, etc. Mike White, 18 Country-view Dr., Naperville, Ill. 60540

For Sale or Trade: Several old electrical laboratory instruments, oscilloscope, telephone test set, code machine, telephones, several radios. Would like to obtain Grebe battery set, haorn speaker, battery radio with variometer tuning. Call 317-583-2454 or send 25¢ and SASE for list to M.P.Roberts, RR2, Otterbein, IN 47970

WANTED: BULLETIN ADDS FROM I H R S MEMBERS - NEATLY PRINTED OR TYPED WITH EXACT CONTENT EXPECTED TO BE PUBLISHED ( INCLUDING ADDRESS ). SEND TO FRED PROHL, IHRS EDITOR, 7257 MURPHY DRIVE, INDIANAPOLIS, IN 46256

MISCELLANEOUS

A Time To Remember (Amos & Andy)  
 Mar 73 page 5 E.E. Taylor  
 Auction-A Playlet In One Act  
 Dec 73 page 12 M. Hovenstein  
 A K Monoplex Telephone  
 Mar 75 page 12 Editor  
 (also Aug 76 page 15 A. Douglas)  
 1933 Television  
 Mar 75 page 14 E.E. Taylor  
 Ballad Of The Radio Collector  
 June 75 page 15 B. Bilbie  
 Radio In Australia To 1932  
 Oct 75 page 5 F. Stewart  
 Lafayette (Station Radiotelegraphique)  
 Feb 76 page 13 Editor  
 Purdue Radio Station WBAA  
 May 76 page 7 Editor  
 And That's The Way It Was Fifty  
 Years Ago  
 May 76 page 20 Editors  
 Fifty Years Ago  
 Aug 76 page 6 Editors  
 ekko's  
 Aug 76 page 12 R. Phillips  
 The W2LL Historical Wireless Museum  
 Dec 75 page 5 Editor  
 What Is An Auction?  
 Aug 76 page 16 Editors  
 The Biggest Nipper?  
 Aug 76 page 20 Editors  
 Antique Wireless Association  
 Dec 76 page 4 Editors  
 For The Farm  
 Dec 76 page 11 Wm. C. Dorf  
 A History Of Farm Broadcasting  
 Dec 76 page 13 H. Martin  
 Home Of Early Radio Experiments  
 Dec 76 page 19 Editors  
 The NBC Chimes  
 Dec 76 page 20 R. Phillips

WHERE DID I READ ABOUT THAT?

Many excellent articles have been published in the Bulletin during the past five years. The following index will provide a guide for locating these articles.

TUBES

Radiotron UV-199  
 Oct 73 page 15 RCA  
 The Telefunken Lieben Tube  
 Dec 73 page 14 R. G. Middleton  
 Carbon Filaments In Early Tubes  
 Mar 74 page 12 R. G. Middleton  
 Weagant Transmitting Tube  
 Mar 73 page 7 R. G. Middleton  
 Low Radio In a Bottle  
 Aug 73 page 10 R. G. Middleton  
 Variations In C30L-A Design  
 Oct 73 page 8 R. G. Middleton  
 First American Multiple Section Tube  
 Oct 73 page 73 R. G. Middleton  
 Vintage Tube Variations  
 May 74 page 8 R. G. Middleton  
 A VT-2 From A Different Garage  
 Oct 74 page 5 R. G. Middleton  
 The Wireless Streaker  
 Dec 76 page 22 R. G. Middleton  
 Radio Crystals  
 Oct 74 page 14 R. G. Middleton  
 Tigerman 2 in 1 Detecto-Amplifier Tube  
 Dec 74 page 10 R. G. Middleton  
 Two French Tubes  
 Jun 75 page 4 R. G. Middleton  
 Adapter For WD 11  
 Feb 76 page 14 J. Bacon  
 Electrode Spacers In Early Tubes  
 May 76 page 21 R. G. Middleton  
 Basing Of Early Vacuum Tubes  
 Aug 76 page 18 R. G. Middleton

RESTORATION TIPS

Atwater Kent Horn Restoration  
 Aug 72 G. A. Vierk  
 Save Those Die Cast Parts!  
 Mar 73 page 11 R. Smith  
 Watch Those A K Boards  
 Aug 73 page 9 G. A. Vierk  
 Refinishing A K Metal Parts  
 Oct 73 page 11 R. Smith  
 Restoring Antique Radio Receivers  
 (audio transformers)  
 Dec 73 page 8 Editors  
 Repair Those Audios  
 Mar 74 page 6 W. Sanders  
 Restoring Antique Radio Receivers  
 (panels)  
 Mar 74 page 14 Editor  
 Attempting To Rejuvenate Old Audios  
 May 74 page 5 R. Noble  
 Restoring Antique Radio Receivers  
 (coherers)  
 May 74 page Editor  
 Restoring Antique Radio Receivers  
 (cleanup corroded brass)  
 Dec 74 page 13 G. Hauske  
 Restoring Antique Radio Receivers  
 (ultrasonic cleaning)  
 Mar 75 page 9 R. E. Lozier Jr.  
 Restoring Antique Radio Receivers  
 (repairing audios)  
 Jun 75 page 5 R. E. Lozier Jr.  
 Using A Light Bulb As A Visible Fuse  
 Jun 75 page 6 E. E. Taylor  
 Solving The 6 Volt "A" Battery Problem  
 Feb 76 page 19 R. Smith  
 Repair Those Crosley Audios  
 May 76 page 22 G. Hauske  
 Repairing Radiola 25's  
 Aug 76 page 14 Editor  
 Repair Of Erlo Reflex Xfms  
 Mar 77 page 8 R. Scranton

MISCELLANEOUS

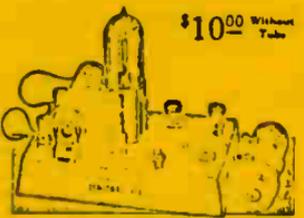
50 Years Ago in 1927  
 Mar 77 page 4 Editors  
 Highlights of CBS Radio's First  
 Ten Years  
 Mar 77 page 9 Editors  
 Atwater Kent (Desk Telephone)  
 Mar 77 page 19 A. Douglas  
 Sixteen Stations In A Cigar Box  
 Mar 77 page 21 R. Phillips  
 Fifty Years Ago In 1927  
 Aug 77 page 11 Editors  
 Amateur Radio Stations In Indiana 1910  
 Aug 77 page 13 Editors  
 Radio Call Signs In 1910  
 Aug 77 page 24  
 VTI At A Glance  
 Dec 76 page 6 Editors

CIRCUITS

Tech Tips From An Old Timers Notebook-  
 Condenser Alignment In A TRF Receiver  
 Oct 73 page 14 J. A. Fred  
 -A- Battery Eliminator  
 Dec 73 page 11 E. E. Taylor  
 (Also Dec 74 page 7)  
 B-C Battery Eliminator  
 Mar 74 page 11 E. E. Taylor  
 (Also Dec 74 page 11)  
 Atwater Kent 10-B Circuit  
 Feb 76 page 22 Editor  
 Crosley 5-38  
 Dec 76 page 18 Editor  
 The Radiola VII-B Circuit  
 Mar 77 page 18 Editors

Indiana Historical Radio Society  
 BULLETIN

Vol. 1 May 1973 No. 1



NATIONAL  
**MONODYNE**  
 TUBE SET  
 MODEL ST-1

RECEIVERS

Wm Duck Model Q Receiver  
 Aug 76 page 17 G. Hausske  
 A Homemade Set---9 In Line Hetrodyne  
 Aug 72 page 2 D. Barrett  
 Grebe Broadcast Receiver  
 Aug 73 page 6 Editor  
 Very Early DeForest Spherical Audion  
 Receivers  
 Dec 73 page 6 Dr. R. Muchow  
 Crosley - A list of Models  
 Dec 73 page 9 S Krauss  
 The Midget Receiver  
 May 76 oage 10 R. L. Power  
 (also Aug 76 page 7)

PERIGALTIPI

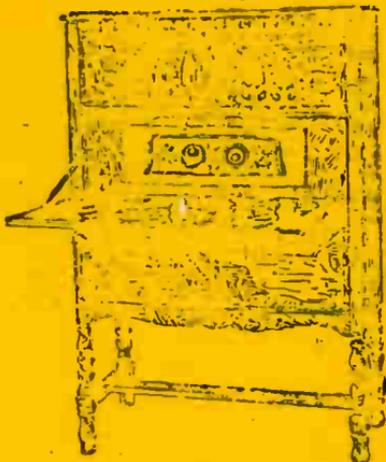
New Museum Opens In Indianapolis  
 (The E.E.Taylor Museum)  
 Oct 73 page 5 Editor  
 Early Amature Wireless Station  
 (Marshall Howenstein)  
 Mar 74 page 5 Editor  
 Radio's 1st Lady  
 Mary Margaret McBride  
 May 76 page 3 Editor  
 Marconi  
 Mar 74 page 8 Editor  
 Marconi  
 May 74 page 6 Editor  
 What Hath God Wrought  
 Samuel Morse  
 Oct 74 page 10 J. M. Harris  
 Edwin Howard Armstrong  
 Dec 74 page 8 M. Howenstein  
 Former Head Of Collins Wireless  
 Telephone Company Pardoned By  
 President Wilson.  
 Mar 75 page 8 R. G. Wilson  
 The Powel Crosley Jr. Story  
 Dec 75 page 9 J. F. Anderson  
 Meet Ronald A. Scranton  
 Mar 77 page 6 Editors  
 Deputy Chief Frank D. Campbell  
 Aug 77 page 14 Editors  
 Shut-In Follows Big Race At Speed-  
 way Aug 77 page 25 Editor  
 Ferrowatt Electrical Museum  
 (Fin Stewart)  
 Aug 77 page 26 Editors  
 Meet Walt Sanders and His Son of  
 Terre Haute  
 Dec 77 page 10 Editors

## Complete with—

Walnut veneered cabinet.  
6-Tube, 1-dial Atwater  
Kent radio set.  
Storage "A" battery.  
2 "B" batteries.  
"C" battery.  
6 R. C. A. tubes.

# \$158

(Completes Except Antenna)



## GET THE THRILL OF ONE-DIAL SIMPLICITY

—Along With Atwater Kent Satisfaction

THE old-fashioned camera took pictures, yes; but how much better is the trim, quick-action camera of today! And so it is with radio. Now you may enjoy Atwater Kent perfection with ONE dial, the simplest and most efficient of all.

A turn of the wrist, and the programs flash in—a roll call of all the programs within range—a complete tour of the air in an instant's time. That's Atwater Kent one-dial operation.

With all this ease of operation and satisfaction, you also get beauty that you'll be proud to have in your home—the beautiful walnut veneered cabinet sketched above, with loud-speaker built in.



Model 20 (Compact)



Model 35



Model 30



Model 32

### Ayres Offers a Complete Line of Atwater Kent Models

Model 20—(Compact) Five-tube receiver without tubes and batteries, three-dial control .....	\$60
Model 35—Six-tube, one-dial set with shielded metal cabinet; without tubes or batteries .....	\$70
Model 30—Six-tube, one-dial set in polished wood cabinet; without tubes or batteries .....	\$85
Model 32—Seven-tube, one-dial receiver, highly efficient; without tubes or batteries .....	\$140

*You're Invited to Use  
Ayres' Deferred Payment,  
Plan When You Buy  
a Radio Set*

JUST make the required down payment and pay the balance over a long period of months. It's easily arranged and will save you from disturbing your savings.

# L. S. AYRES & Co.

RADIO DEPARTMENT—SIXTH FLOOR