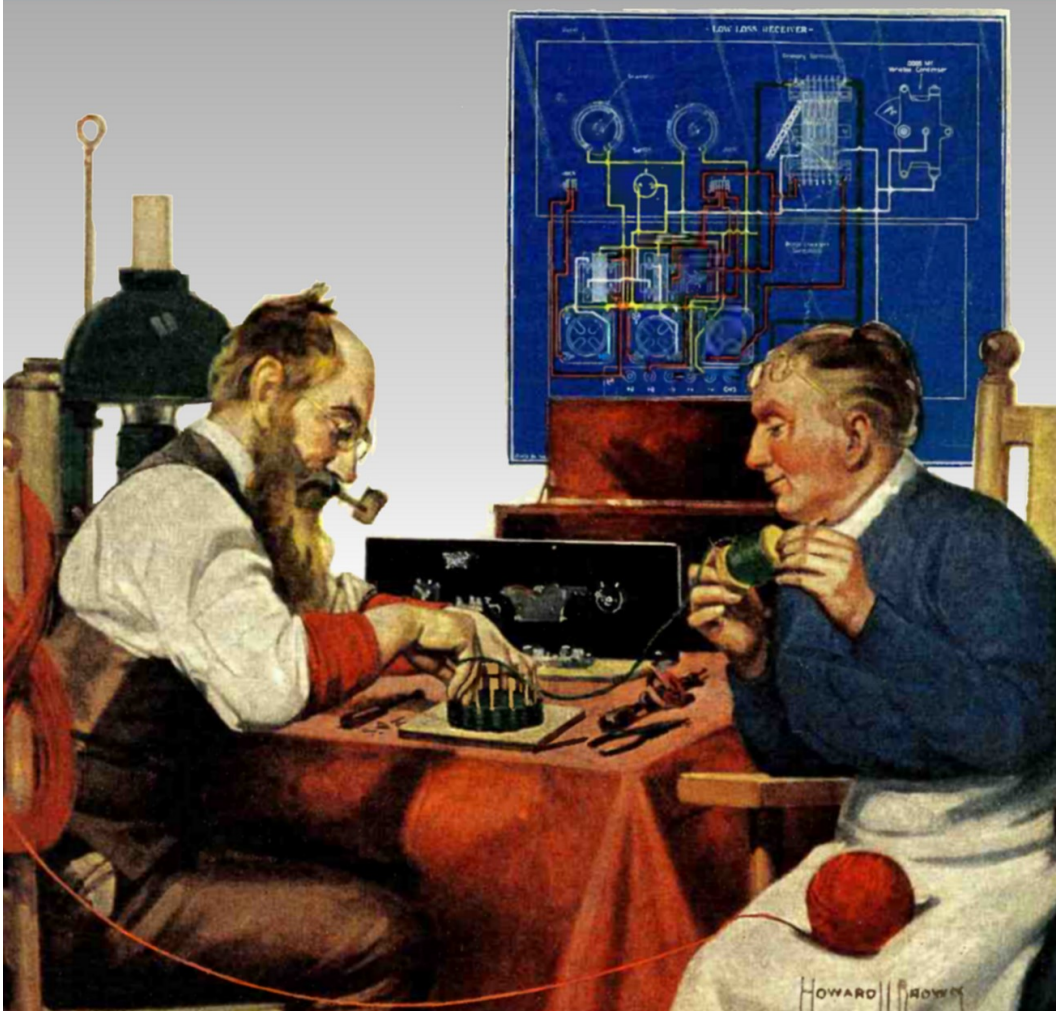


VOL. 53
WINTER
2024
No.
4

The Indiana Historical Radio Society

BULLETIN



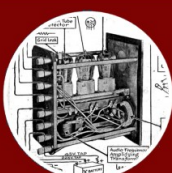
IN
THIS
ISSUE:



PHILCO 80



ARVIN PIXIE



YESTERDAY'S
PAPERS



1924 ELECTION

The Indiana Historical Radio Society



The INDIANA HISTORICAL RADIO SOCIETY
is a non-profit organization founded in 1971.
Annual membership dues of \$15.00 includes the
quarterly IHRS BULLETIN.
Radioads are free to all members.

Please include an SASE when ordering information.
Send applications for memberships to
Treasurer Don Yost.

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Historical Documentation

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Hello once again to the membership of the IHRS. It's been a while since you've heard from me, as my life was a whirlwind for several months. It started in the winter of last year and finally came to an end (well, mostly) in late December.

My Uncle, David Smith, was diagnosed with metastatic melanoma in January of 2024. This was less than a month after my Dad, Ray Whitaker, passed....in December, 2023. Uncle David went through immunotherapy until late May, when the doctors decided that the treatments weren't helping. After that, there were only occasional radiation treatments to keep his pain down and his quality of life up. He broke his hip in an accidental fall in August and passed on September 5. Uncle David's fall happened right before the Cool Creek meet, which caused me to miss it for the first time.

Meanwhile, Robin and I had bought a new (to us) house in Greensburg and closed on it last May. After Uncle David's passing, we actually were able to start moving. My old friend Dave and I started bringing the radio collection and workshop from the house on the West Side of Indianapolis to Greensburg, which is a one-hour drive, one way. Our official moving day for the home's contents was November 20th. Unfortunately, both Robin and I were out of circulation for a couple of weeks after the move; I took a fall and injured my knee on moving day. Robin fell four days later, badly breaking her nose. We are ok now, still unpacking in our 1924 American Four-Square. Our old house is on the market, and life is good.

During all the huge flurry of activity, I forgot that, as club president, I needed to delegate. I didn't assign meet set-up to the other officers. As a result, no fall meeting was planned in time. I apologize for the lack of a fall meet, and take the blame for any inconvenience/disappointment caused by it. However, we are having a winter meeting! It will be at Heritage Hall, on the Johnson County Fairgrounds in Franklin, February 22. Longtime IHRS stalwart and almost founding member Fred Prohl is planning the meet, which will include a luncheon and visit to Fred's house (in Franklin) to view his collection and visit. Many thanks go out to Fred for hosting. Contest categories for February are discussed elsewhere in this issue.

We are still contemplating where to have the meeting in May. I've been thinking about Richmond and doing another multi-club get together. All of that will be discussed at an upcoming officer's meeting and presented to the membership ASAP.

This winter is supposed to be cold and snowy, presenting many opportunities for long days in the workshop. I hope you all had a great Christmas and New Year, and have had the chance to add some good pieces to your collections. I recently added a Scott FM adaptor (old FM to modern FM) for my FM Philharmonic. They should prove to be a dynamite combo, once restored.

I hope to see you all in February!

Notes From The President's Desk

by Alex Whitaker



Saturday, Feb 22nd 8:00 AM

Heritage Hall, Johnson County Fairgrounds

Radios: *1920's *1930's *Postwar
Phonographs: *Acoustical *Electric

The Johnson County Fairgrounds is northwest of the US31 and SR144 intersection, Franklin, IN. (250 Fairgrounds Street)



WINTER MEET '25

FREE ADMISSION
Seller space \$15 per table.

At 11:30, a sandwich lunch
will be provided at the Otterbein
Senior Living Club House--
Five minutes from the Fairgrounds.

Directions will be provided at
Heritage Hall the day of the meet.

Pls email your intent to attend the lunch
via email at inhistradio@gmail.com by
Wednesday, Feb. 19th.





RESTORATION *Corner*



Earlier this year I picked up this Philco 80 table model for a very reasonable price at a ham meet. What is unusual is that this chassis, usually found in a cathedral cabinet, is in a horizontal table model. The radio had a schematic taped to the top so I didn't see the condition of the top. The sides and the front had most of the finish on it. The cabinet was made of solid wood but had a nice inlay strip around the front edge. The cabinet was sound and didn't need any gluing. After removing the schematic, I saw that most of the top's finish was gone and had several severe water stains. I suspect over the years that glasses of water, maybe pots of flowers, sat on the top of this radio. The chassis looked fairly clean and all four tubes were present--not a bad project to work on.

The finish was so loose I could remove it with my fingernail, so it didn't take long with an orbital sander and 80-grit sandpaper to remove all of the old finish. Even though I used 80-grit, it still came out

smooth; using 150 grit made it even smoother.

With the wood completely bare, I tried to determine what kind of wood they used. Being a depression radio, I assumed they would use cheap wood; pine came to mind. There were no knots and the top had very straight grain. I did the fingernail test and the wood felt like it was a hardwood, but what kind? I looked through hundreds of wood samples. Maple looked the closest, but I consider maple a more expensive wood. My brother-on-law said they might have used wood that was common in Pennsylvania where Philcos were made. So I looked up trees found in Pennsylvania and Maple is their most common tree. Maybe, this cabinet is made of Maple.

The next job to tackle were the water stains. There are a lot of products out there for removing water stains, but I wanted something easy to find, like in the kitchen, and not toxic. My research found people using Oxalic Acid, acetone, Mayonnaise and white vinegar. In a previous article, I talked about using Oxalic acid to remove wood stains, but I couldn't find any around the house. I tried acetone (finger nail polish remover) and that helped a little. Mayonnaise seemed too messy. White vinegar was not messy at all and we had lots of it. So, I coated the entire cabinet with it in the evening.

The Water-Marked Philco 80 Table Model by Ed Dupart



In the morning, I used fine steel wool on the cabinet and the water stains disappeared. Hooray!

Now was time to finish the cabinet and get the color close to original. It appeared to be light to medium brown. First I used gunstock, which is a medium-dark brown and dark oak red. I found the wood didn't take the stain very well, so I wiped it off and used medium brown Mohawk lacquer toner. There is a tinge of red in the finish, which I think is close to the original. So many Philcos had a very dark finish, so I consider this a departure from most of them. Watco semi-gloss lacquer was used for the final topcoat. I wet sanded in between coats with 400 grit wet-or-dry sandpaper, then with super fine steel wool. Buffing it out with a soft cloth to give a very smooth finish.



The grill cloth was torn, but fortunately it is a common pattern and I had some. I used a glue stick to put it in place. I find it is a lot easier to use than liquid glues.

The chassis was pretty clean and its original cloth power cord was in good shape. This radio must have been stored in a dry place for decades. All four tubes were there and were good. Underneath of the chassis looked like new--no dust, dirt or corrosion. The only repair that had been done to it was a decades-old filter capacitor had been tacked in, otherwise everything looked original. I checked the filters for shorts and for other shorts along the B+ line--I didn't find any. Bravely, I plugged it in and nothing went up in smoke, but had that bad filter hum. I bridged one of the filters and the radio came to life and sounded good. Even though the underside looked new, I

checked the capacitors—they were the Philco bakelite blocks typical of that period. The screen grid bypass capacitor had a little black ooze coming out, so that was the first one I replaced.

When I replace capacitors, I make a roadmap where all the wires and parts go; in this digital age, I take lots of pictures. After removing the capacitor completely from the chassis, I used a small screwdriver to dig out the black tar. I then pried out the capacitor very carefully, because it is easy to break the plastic. I replaced it with new modern capacitors: they are much smaller than the original so they fit nicely in the little black box. I did this with every capacitor and the originals all checked very leaky. Sealed up as they were, one wouldn't think they would be leaky but I think the dielectric they used didn't hold up well with age. With other brands of capacitor such as Aerovox, Solar, etc. I can blame the leakage problem on humidity and probably on the type of dielectric used, but with the Philco capacitors so well sealed, I just can't see humidity being a problem. At any rate, all the paper capacitors were changed and the resistors checked good. I plugged the radio in and it worked great. Other than the two small electrolytics, no other parts were tacked in and the chassis still looks original.



This is a true depression radio with only four tubes. The first 36 is the mixer/oscillator, the second 36 is doing three jobs--one as a detector, an IF amplifier and audio amplifier, the 42 is the audio output and the 80 is the rectifier. An unusual feature is this chassis uses regeneration in the detector stage. The regeneration control is located in the back of the chassis. A screw-

driver is used to adjust it and it does increase the sensitivity. It has to be adjusted carefully or it will squeal. If you have one of these 80 chassis's and it squeals, check the regeneration control. It picks up the local stations with lots of volume, but a long antenna is needed for distant stations and while the volume is not as loud, it does sound good. My wife and I like it and she likes the black trim around the speaker grill, as well as others, which is original.



—30—

The "Old Man" Says:



"If you haven't already,
now's a great time
to renew your IHRS
membership."

Annual Membership \$15

Send your payment written to the **INDIANA
HISTORICAL RADIO SOCIETY** to:

Don Yost c/o IHRS
3814 E 400 N
Windfall, IN 46076

Include your current mail address
and email address (if applicable)

RADIO

Activity



Check each organization's webpage for upcoming meets, etc:



Indiana Historical Radio Society
www.indianahistoricalradio.org



Antique Radio Club of Illinois
www.antique-radios.org



Central Ohio Antique Radio Association
www.coara.org



Mid-South Antique Radio Collectors
 Available on Facebook



Antique Wireless Association
www.antiquewireless.org



Cincinnati Antique Radio Society
www.cincinnati-antique-radio.org



Michigan Antique Radio Club
www.michiganantiqueradio.org



Mid Atlantic Antique Radio Club
www.maarc.org



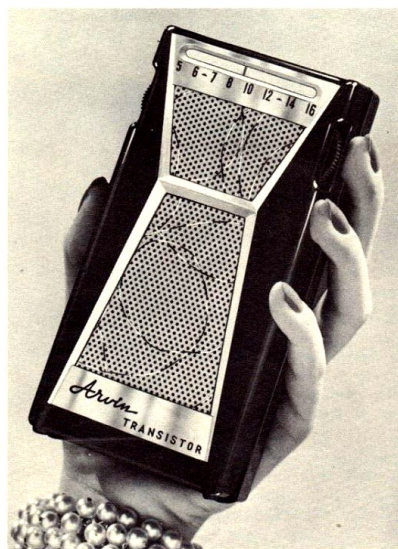
TRANSISTOR RADIO *Corner*

I recently contacted a Facebook radio group collector friend who was listing some of his radios on Ebay. Not only did he have examples of sets I was looking for--he also very thankfully sold to me at reasonable prices.

This radio arrived well packed in an oversized box. Was neat to just hold it in my hand once unwrapped. It is a bit dirty with some dark marks which thankfully came off well with 91% IPA. The tuning dial pointer was broken off and missing, so I needed to make something that looked original. There



Featured in the January-February 1957 issue of "Arvin Folks," the Arvin 9577 "Pixie" was their first pocket-size transistor radio. The ivory version is my favorite color of the three offered. It is another radio which seems very difficult to find and that I never expected to own. Really like the unique styling as well as the very neat combination belt clip-kickstand mechanism.

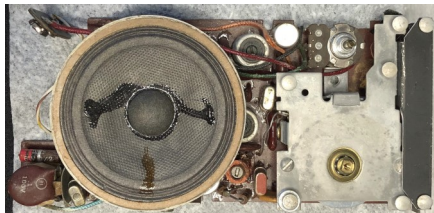


**FOLKS' Cover Features
"The Pixie" . . .**



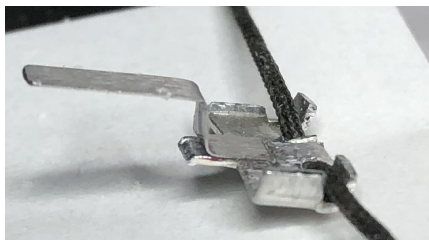
The Arvin 9577 Pixie by John Raskauskas

were also a couple of cracks and some cabinet warpage on top but it appeared to be original internally. Having a PCB, the original caps can be carefully removed intact during replacement and saved for possible future owner who might want it returned to factory state.



Disassembled and found material in my stash needed to make a replacement for the broken-off tuning dial pointer. The small strip of an aluminum 3 1/2" floppy-disk door is almost the exact width and thickness of original! Thankful I saved a bagful off of trashed diskettes as the very thin, but sturdy aluminum has come in handy for other fabrications. Just needed to get the measurements for bending to proper shape and superglue into position and paint. Also discovered that the loose dial-cord was caused by one of the loops being pinched

under washer instead of over knob "pulley" beneath it.



After disassembly, carefully cleaned the cabinet parts by hand, being extra careful around the "graphics". Some of the debris inside the cabinet would not clean off as it had bonded somehow to the plastic and didn't want to scrape it off. There were a few light scuffs and dirty marks which polished out after a couple passes with Novus-2. The cabinet was slightly warped and wouldn't "latch" at upper left. Placed



sturdy cut-to-size cardboard spacer inside between sides of front above the knob cut-outs to push these areas out slightly and very carefully heated one at a time with hairdryer to hopefully reform a bit. Repeated a couple times and it seems to have made a very slight improvement, but gave

up further heating for fear of causing damage.

The cabinet front had a crack below volume control slot and was able to spread it just enough to inject a small enough amount of Superglue gel from inside so that it didn't ooze through to outer surface. The PCB mounting boss had broken off inside of cabinet back and reattached it also using the superglue gel.



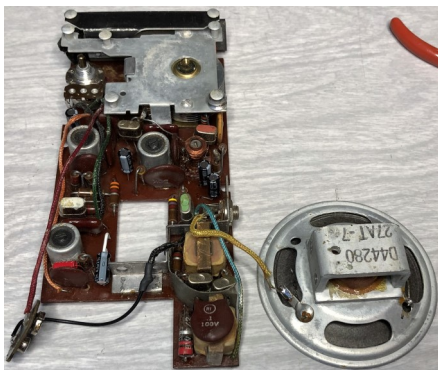
The lower perforated speaker grille section had been sloppily re-glued at some point in the past and was beginning to loosen again at the bottom. The glue had oozed through many of the holes, so I decided to very carefully remove it to clean and then reattach. Spent many hours carefully scraping the residue off of backside and mounting pad as well as pushing glue out of many of the holes from front side with a tiny drill-bit. Once all was clean, attempted to reattach with small pieces of double-sided tape, but it would not adhere to the pad. Since the grille insert is fairly rigid, decided to just attach with a drop of Superglue gel in the center. First attempt failed as Superglue just absorbed into the pressed-paper mount, so after that "spot" cured, tried again and was successful. Had spread the tiny drop of glue so it would not "ooze" through holes. Notice on the back side of lower grille section that there are traces of white "patterns" that survived adhesive removal---have seen pictures of another ivory set with that type design on front.

Two of the labels came loose, so reattached

using Grafix double-sided adhesive film.

Tuner sub-chassis, IFT cans, and backside of speaker were all covered in a heavy layer of chalky white powder which I discovered through research is called "white rust" caused by a reaction with the zinc in galvanized steel. Took quite a while just to clean up this mess!

The "slide-rule" tuning has no reduction benefit as the pointer is simply driven directly by the tuning knob--very much like the 63- & 64R38 sets. The dial-cord on this model isn't even under spring tension, so it has become a bit loose over 67 years. The tuning pointer was missing, so fabricated a new one as mentioned in earlier post. Had looked at a few "inside" pictures on-line and a couple were provided by FB group friends. From what I could see in the pictures, appeared that some of the pointers were simply straight and glued onto "carriers" as this one probably was and others looked integral and bent upward to be more easily viewed through the narrow dial slot. I took measurements and bent my replacement piece before gluing so that it just contact inside edge of dial slot and it



thankfully looks/works fine.

Replaced all four electrolytics. One was a dual 50 uF device. The original audio coupling cap appeared to have been replaced long ago with an Olson part. One of the 50 uF caps looked to be "physically leaky". Treated erratic volume control with Fad-lube liquid using "trusty hatpin" as appli-

cator. Radio required a full alignment. The 3rd IFT was nearly on, but the 1st & 2nd required more adjustment. Tracking was also significantly off and once aligned, radio fairly sensitive. Selectivity still not the greatest as I can still hear strong local in background 20 kHz away from my favorite oldies station. Audio quality pretty good on stronger signals with plenty of usable volume. Replaced the sloppily added negative battery connector wire, but left the salvaged standard 9V battery connector in place as I was out of new ones.

I'm very thankful to finally be able to add this very neat and historic Arvin set to my collection as it seems to be a very difficult set to find in decent condition. And the ivory version is also my favorite color for this model...

— 30 —



NATIONALLY
ADVERTISED



Arvin

ALL-TRANSISTOR RADIOS



A SMART, TRIM PACKAGE OF SUPERB RADIO PERFORMANCE • Carry it in hand, pocket or purse • Plays anywhere—train, plane or car • Weighs less than a pound • Six high-output transistors for long battery life • Unbreakable plastic cabinet in black, with contrasting grille, gold trim • Handy clip for pocket, belt, or use as a stand • Thumb-knob tuning, slide-rule dial • Automatic volume control • Receives AM and Ceneirad • Earphone accessory optional • Uses one 9-volt battery (NEDA No. 1600) • Size 6½" x 3½" x 1¼" • Ship. wt. 1 lb. 7 oz. Master carton 4 sets; Ship. wt. 6 lbs. 12 oz.

278/9577M4066Retail \$54.95
9577M3847 (6 or more)

NEW DEPARTURE IN RADIO DESIGN • Arvinyl "finish-perfect" vinyl laminate bonded to aluminum for new style, durability and sales appeal • Arvinyl is richly textured, luxurious in appearance and to the touch, but also extremely tough, practically scratch-proof • Off-white with gold trim • Six transistors plus germanium diode power detector • Printed wiring • 5-inch Alnico speaker • AM and Ceneirad frequencies • Automatic volume control • Planetary drive for precision tuning • Size 10¼" x 8¾" x 3¾" • Batteries: two 9-volt (NEDA No. 1603) • Ship. wt. 4 lbs.

278/9574M4436Retail \$59.95
9574M4197 (6 or more)

"All Prices Subject to Change Without Notice"



RADIO HISTORY *Corner*

Radiola III-a
Includes four WD-11 Radiotrons, headphones, and Radiola Loudspeaker.
Complete with batteries and antenna—
\$105
Convenient Terms

Coolidge, Davis or LaFollette?

As district after district sends in its returns on Election Night, you can be among the first to get the news—clearly and distinctly—with your Radiola, without even having to leave your comfortable fireside.

Keep up with the times, keep in direct touch with current events, hear the best jazz orchestras as clear in your own home as though they were playing in the next room—songs, bedtime stories, speeches, lectures, sermons, singing and the like can all be heard and enjoyed.

FREE—Phone, write or call in person to arrange for a demonstration in your own home, without cost or obligation.

PEARSON PIANO CO.
128-130 North Pennsylvania St. Established 1873.
Use Price in Everybody

This symbol of quality is your protection.

Indianapolis Star, November 4, 1924

A century ago, October - November 1924, Presidential Elections were the top topic for United States citizens. Republican Calvin Coolidge, Democrat John W. Davis, and Progressive Robert M. LaFollette were on the ballot for the United States Presidency. Indiana residents were meeting to discuss the candidates and preparing to go to the polls on November 4, 1924. It has been four years since the last political

event and meetings and social events were held, parades were fun, and candidates were speaking in public places.

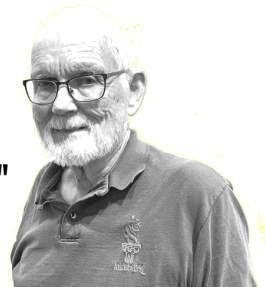
This year, 1924, something is very different for voters and candidates – RADIO. Because of this developing technology, candidates can speak directly to the citizens, voters can hear the pros and cons of the candidates from community leaders, and the Nation will hear the results of the election almost instantly.




A 1924 newspaper search yielded articles by political pundits and advertisers writing about the pros and cons of the candidates, the mood and opinions of the voters, and get your radio ready for instant election news.

The content that follows consists of advertising and commentary from 1924 newspapers regarding the 1924 election and the influence of radio.

"Coolidge, Davis or LaFollette?" RADIO and the Presidential Elections of 1924 by Fred Prohl







Election Returns OVER RADIO

is the treat in store for our friends and patrons. You are cordially invited to come down Tuesday evening, Nov. 4, 1924, and get the results over radio. Don't fail us; we're expecting you.

ADAMS

15-17 Pike St. Covington
LARGE LINE OF RADIO SETS AND PARTS

Indianapolis Star, November 4, 1924

AMERICA TO HAVE FIRST REAL ELECTION BY RADIO

By Robert T. Small.

(Copyright, 1924, Tampa Times.)

'Washington, Nov. 3. — Tomorrow's grand quadrennial political rumpus will be America's real radio election. More people will have the election returns brought direct to their homes than ever before in all history.

Yet the radio is not to be permitted to rob election night of its traditional picturesque features. There will be the usual crowds about the newspaper bulletin boards and the usual marching throngs.

In many cities there will be red fires and bonfires and skyrocketes and electric beams, each having its own significance of jubilation or information.

Not a few newspapers will both receive and broadcast returns by wireless. It will be the country's first great test of getting national election results through the wave-throbbing either.

For the first time in history a president, sitting in the white house will be able to "listen in" on his own fate. Heretofore the presidents and the candidates for that high office have had to sit by and read the little slips of paper written out by especially trained operators sitting at telegraph wires. All these usual appurtenances of election night will be running full blast at the white from dusk of Tuesday evening until dawn of Wednesday morning but in addition the president and Mrs. Coolidge will have the executive radio set tuned in for all the news that's flying through the air, be it foul or fair.

The radio has been accused quite freely of late of robbing the campaign of much of its "pep." The spell binders have complained that too many persons have been staying home at night, with the old headphones at their ears, and thus the "local" meetings have not been so large nor so enthusiastic as in the days gone by. The folks have figured there was no need to go hear a second-string orator when they could toast the toes by the old fireside and maybe get a word or two from Mr. Coolidge or Mr. Davis or old Battling Bob from the west. In view of these complaints lodged against the radio, it will be interesting to observe what effect it will have this year upon the downtown throngs."

PRE-ELECTION RADIO ENTERTAINMENT

The Chuckle Column

We set the dials at "Sixty-six"

All we heard was Politics,

We turned them back to "Thirty-four"

Same old stuff, we got some more.

We jerked 'er up to "Ninety-three"

Again we heard - "Folks, vote for M-e-e."

We jumped 'er back to "Thirty-eight"

G-r-r-r, another candidate.

"Oh heck," we growled,

"What's the use?"

We'll turn 'er off and save the juice!"

(Copyright, 1924, by the Bonnet-Brown Corporation, Chicago)

*The Bremen Enquirer (Indiana)
October 2, 1924*

DAVIS SUMS UP POLICIES IN FINAL MESSAGE TO VOTERS

Indianapolis Star, November 4, 1924

The following is an excerpt from presidential candidate John W. Davis's "Message To the Nation" election eve by radio.

"NEW YORK, Nov. 3 - John W. Davis closed his campaign tonight with an address over the radio, the first ever made by a presidential candidate on the eve of election day.

The nominee spoke in the presence of the smallest audience and in the small-

est room he has visited as a speaker during campaign. Not more than twenty persons were present.

Yet he was heard by numbers too great even for radio experts to estimate. His words were sent out by a chain of broadcasting stations with an aggregate power to carry them to listeners-in of every state." - - - "My fellow citizens: Through this most miraculous of all modern inventions, I am enabled tonight to give to the people of the United States a closing word concerning the issues of this campaign and the duty that awaits them tomorrow."

Two radio stations in Central Indiana were active during the Presidential election of 1924 - WBBZ and WFBM.



SEN. RALSTON TO OPEN STATE RADIO PROGRAM

By United Press

INDIANAPOLIS, Oct. 24.—The first radio broadcasting station to be used for political purposes in Indiana will be opened here tonight with a speech by United States Senator Samuel M. Ralston.

The station is known as WBBZ. A Democratic program will be broadcasted every night until the eve of the election.

The Indianapolis Star - Oct 24, 1924



DEMOCRATIC BROADCASTING STATION OPENS

Vincennes Sun Commercial,
October 24, 1924

"The first radio broadcasting station to be used for political purpose in Indiana was to be opened here tonight. It will be opened with a speech by United States Senator Samuel M. Ralston in behalf of the candidacy of John W. Davis for Democratic president.

The station is known as **WBBZ**. It is sufficiently powerful to broadcast to the extremities of the country. A Democratic program will be broadcast every night until the eve of the election.

The station has been sufficiently strong in the past to broadcast as far as the Catalina Island off the coast of California. A letter received from a radio fan there said the messages from WBBZ were heard distinctly. Few if any of the state political organizations have used the station in their drive for votes, it was learned."

The owner of the WBBZ call and equipment was Noble D. Watson, a local amateur radio operator. Watson ceased operating the station in May 1925, and the Department of Commerce, regulators of radio at the time, reported that the station had been deleted. However, Noble sold the station equipment to Charles Carrell of Chicago, Illinois, who on September 9, 1925, received a new station license that retained the WBBZ call letters. (Wikipedia)

HEAR and SEE Election Returns at "The Daylight Corner"

By special arrangement the Merchants Heat and Light Company will throw complete returns of the election on a screen opposite their building on Meridian street—They will also broadcast returns from loud speakers placed in their second story windows.

TUNE IN AND HEAR THEM AT HOME

The new Merchants Heat and Light Company broadcasting station, WFBM, will broadcast election returns tonight from 6 o'clock till midnight. Tune in and hear the returns at home.

Merchants Heat & Light Co.

The Daylight Corner.

The Indianapolis Star October 30, 1924

The first newspaper record of WFBM is a station program listing in the Elwood (Indiana) Call Leader, January 3, 1921.

WFBM - Merchants Heat & Light Company

"**Indianapolis Has New Radio Station.** Permit issued to Merchants Heat and Light Company." - - - (The permit) "Provides for of 268 meters. The call letters are WFBM."

---- "Radio listeners in Indianapolis have not had the benefit of a local broadcasting station since WOH and WLK ceased operation more than a year ago. WFBM AM Indianapolis changed to WNDE AM Indianapolis in 1973."

A post election article in the San Francisco Bulletin, November 5, 1924 describes the influence of radio with

the 1924 election:

PHANTOM VOICE TAKES PLACE OF FORMER METHOD

New York, Nov. 5 – (Copy right, 1924, by Consolidated Press Association.) - “With an audience estimated as high as 20,000,000 persons, radio completed its first presidential campaign by announcing the results to every section of the country.

Having been more or less experimental, the service was far from uniform in the various either belts, and was not as full as many had expected. Nevertheless it served to do what many believed would be accomplished – it kept the street crowds in the larger cities down to the smallest proportions know in the last 20 or 30 years of national politics.

OLD TIMES GONE. The streets were not deserted, but the old-fashioned marching throngs were gone. By midnight even the most popular gathering points of the city, such as Forty-second and Broadway, were very well nigh deserted. Only on the teeming Eastside was there any semblance of the former election night gaiety. The bonfires flamed, the streets milled with their thousands and red fire gleamed from many a tenement window. There was a reason for the old-time jubilation down on the Eastside. Al Smith had once more been elected as governor. It was the quietest election day and night the city has ever known. It was a ghost of former years. Reports from Chicago today stated that radio parties took the “kick” out of election night there and elsewhere throughout the mid-west. There was

little of the old time spirit in the “loon,” although a few bands tried to liven things up a bit. There was not even a band in New York. In Chicago the street bands were much smaller than usual, but the big audiences “listened in” at halls throughout the city.



Davis or Coolidge?

WHICH will it be? Hear the very latest election returns from all over the country with the Manhattan Junior. Thrills galore! Cheers! Lots of volume! Wonderful reproduction! And the price is only \$10. Has the famous Manhattan Concert Modulator adjustment.

Manhattan Junior \$10

LOUD SPEAKER

Made by the makers of the famous Red Seal Dry Batteries

The Indianapolis Star October 28, 1924

WATCH NEWS BOARDS. The newspaper bulletin boards supplying the returns to the public were far from being deserted, but it was evident in nearly every city reporting the results, that the radio was claiming a very large

share of the public attention.

Telegrams received from San Francisco today said the interest in the election there had reached the highest point ever known. This was indicated in the first instance by the record-breaking vote and by the estimate that fully three-fifths of the entire population of the state "listened in" on the returns. The conditions in Oregon and sets, with Washington were much the same, and both in coast and mountain states, thousands of persons on distant farms who never before had been able to receive the results on election night, were given a radio service which satisfied their every need.

In most sections of the country the broadcasting was so divided and so universal that the owners of the humblest Crystal sets only a few miles of range, occupied the mighty and heard most of all that was going on.

San Francisco Bulletin, November 5, 1924

This Newspapers.com search of the 1924 National Elections and Radio was

Articles Needed!!

Got something you'd like to see in the bulletin?
Write an article and send it in!

SEND YOUR ARTICLE AND ASSOCIATED PICTURES IN WORD
FORMAT TO BATTERYMAKER@GMAIL.COM

And now Radio brings ELECTION RESULTS to your home

WHAT'S THE MATTER WITH FATHER?

Oh!—he's all right—but his candidate isn't!

My, but it's great fun to sit in a comfortable chair and get the returns as they come in. Just as soon as the candidates, themselves, receive them too.

Excitement runs high as hopes are raised or dashed to pieces. The thrills are shared by all who listen in.

If you have a set, be sure it is in good shape for Election returns—if you haven't one, have us install one for you now.

Exide Battery Service Station

237 So. Genesee St.

Phone 2244



Waukegan News, October 21, 1924

compiled by Fred Prohl, November 2024

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YESTERDAY'S PAPERS

COVERING PAST MAGAZINE AND NEWSPAPER ARTICLES

Radio Receiving Sets

Aerex Combination Set

Antenna

In giving the readers of RADIO DIGEST every possible help in explaining standard sets, we offer the seventh of the series, The Aerex Two Step Amplifying Receiving Set.

This set has the feature of combining crystal with vacuum tube units. The circuit

is unusual, but simple and easily tuned.

The explanation of operation of the set will be found on page four, first column.

An understanding of this type will be of material assistance in operation of sets of other makes.

Crystal Detector

Knobs Controlling Current To The Filaments of The Vacuum Tubes

For Controlling Wave Length By Means of Taps on Primary Coil

Switch for Detector and Amplifying Stages

Dial Controlling Finer Adjustments of Wave Length

Dial Controlling Secondary Tuning

Ground

Filament Rheostats

A BATTERY

22½ V. BATTERY

Filament Rheostat

Grid Leak and Condenser

Vacuum Tube Socket

Audio Frequency Transformers

Vacuum Tube Sockets

Secondary Coil

Tapped Primary Coil

Variometer Primary Coil

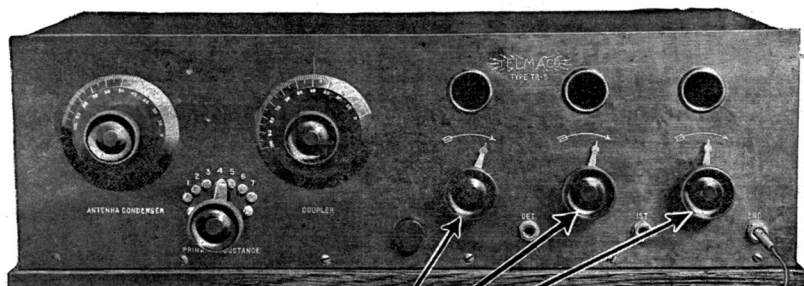
Radio Receiving Sets

SO THAT those interested in the various phases of Radiotelephony may learn especially about receiving broadcasts RADIO DIGEST presents here the first of a series of pictures of standard receiving sets.

EACH part is designated and named and its purpose is explained. All connections of aerial, ground and batteries are shown. Instructions for operation and tuning are given on page 4 of this issue.

BELOW are shown the front and rear of a standard receiving set manufactured by the Telephone Maintenance company of Chicago. This set is known as Telmaco Type TR-5.

Antenna

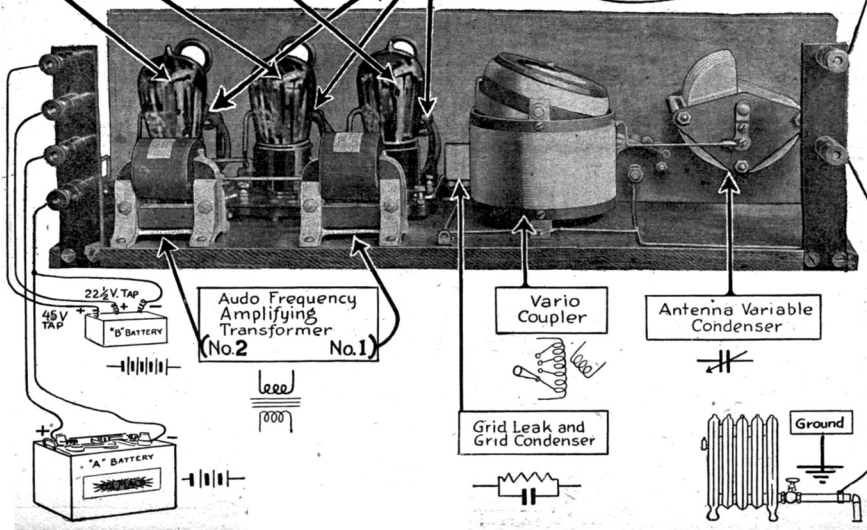


Amplifying Vacuum Tubes No.2

Vacuum Tube Detector No.1

Filament Rheostats

Receiver



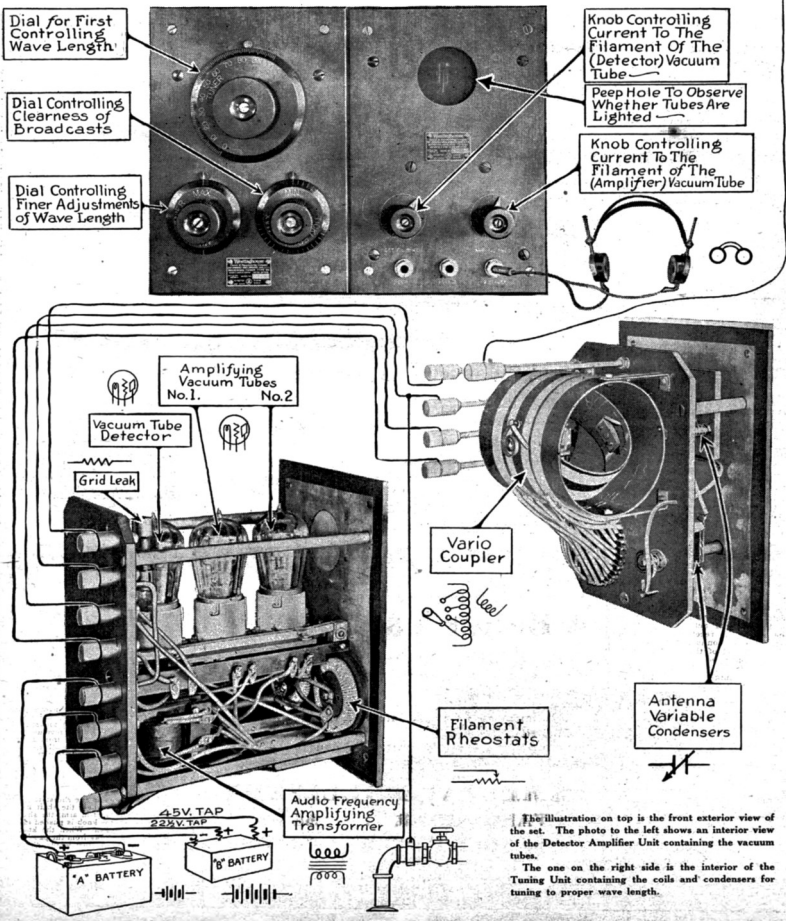
Radio Receiving Sets

To facilitate the receiving of broadcasts and to further the knowledge of new Radio fans in the operation of apparatus, the RADIO DIGEST presents the second of a series of illustrations of standard receiving sets.

Each part is designated and named and its purpose is explained. Many of the new terms that the beginner in Radio hears or reads are given, with an arrow pointing to the part of the unit named. Although the instrument shown herewith may not be the one owned by the reader, nevertheless many

cloudy points in his mind about the various units of a standard receiving set will be cleared up.

Instructions and full directions for operating and tuning the set shown are given in the first column of page four. Many of the points given there are not only applicable to the set shown, but are valuable for improving the reception on other sets. Below in the three illustrations are shown the front and interior views of a standard receiving set manufactured by the Westinghouse Electric & Manufacturing company, East Pittsburgh, Pa. This set is known as Westinghouse type D A.



The illustration on top is the front exterior view of the set. The photo to the left shows an interior view of the Detector Amplifier Unit containing the vacuum tubes.

The one on the right side is the interior of the Tuning Unit containing the coils and condensers for tuning to proper wave length.

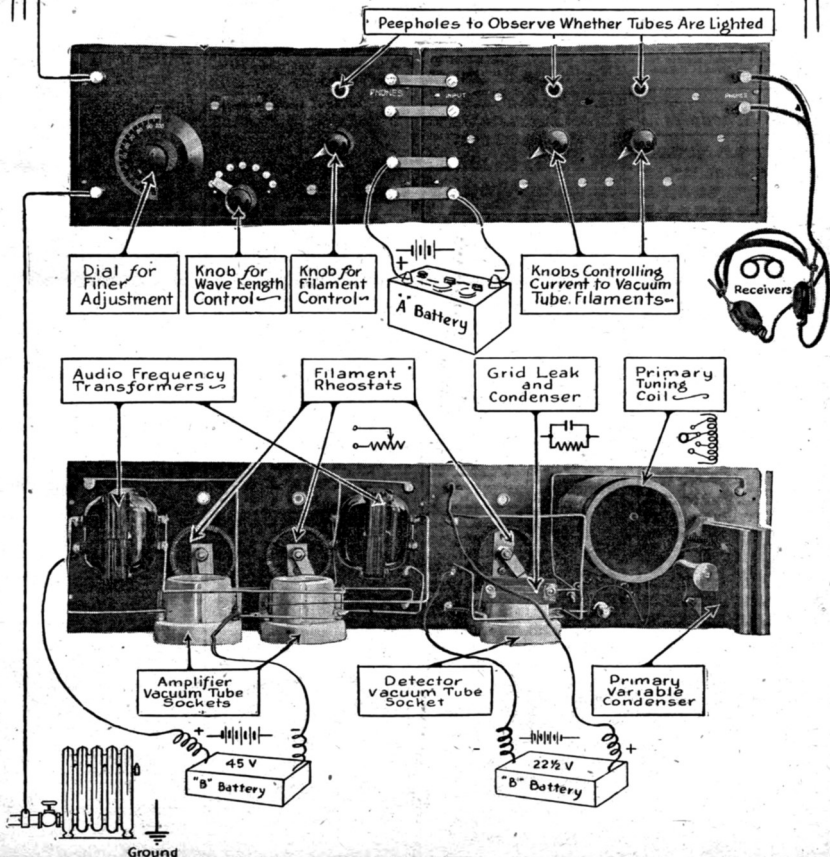
Radio Receiving Sets

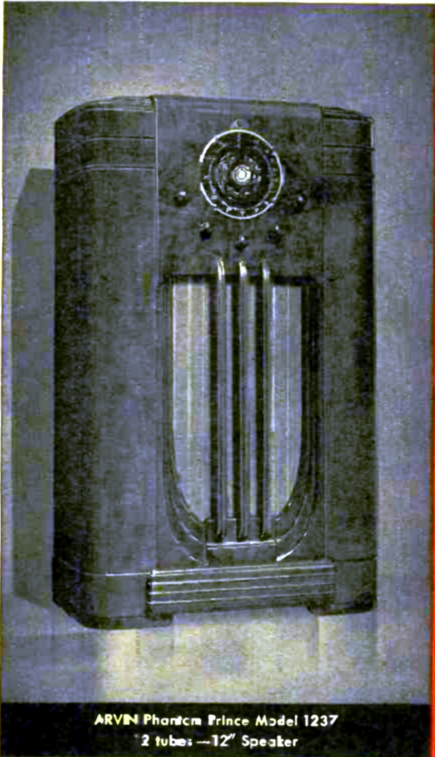
Crosley Detector and Amplifier Unit

Antenna

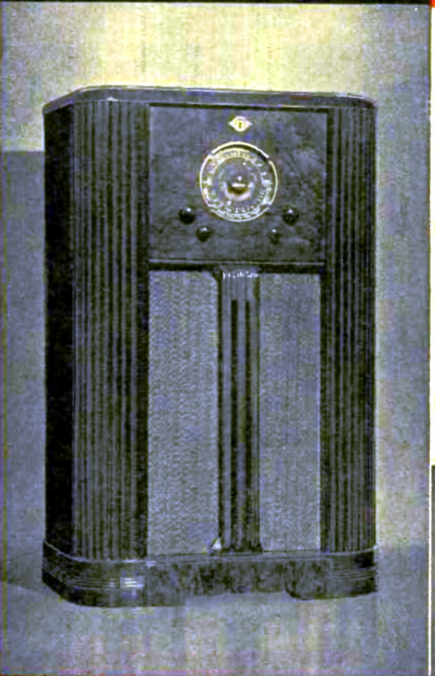
As the tenth of the series of standard receiving sets, RADIO DIGEST presents the Crosley Harko Senior and two step amplifier unit, manufactured by the Crosley Manufacturing Company of Cincinnati, Ohio. Full information about this receiving unit and the method of connecting the various terminals will be found on page six, first

column. Although the beginner may not possess the particular make of set shown, it will undoubtedly pay him to read this page carefully. The points explained in both the chart and in the article on page six are applicable to many other types of receivers. The simplicity of construction and circuit make this set an interesting one.





ARVIN Phantom Prince Model 1237
2 tubes — 12" Speaker



ARVIN Phantom Knight Model 828
3 tubes — 10" Speaker

*Beautiful Styling
Sparkling Performance
Attractive Prices*

YOU GET EVERYTHING
IN THE NEW 1938



ARVINS

WITH THE

Phantom Filter Circuit

There's big sales appeal in the Arvin line—20 exceptionally fine radios in smartly designed cabinets—with every modern improvement headed by Arvin's exclusive Phantom Filter Circuit.

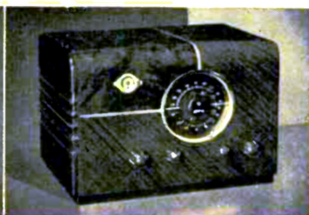
● You'll realize the sales value of the new 1938 Arvins when you see and listen to the beautiful consoles and table models. Arvin has everything—five to fourteen tube AC radios—powerful battery sets for farm homes—and striking AC-DC portables. Arvin has both the performance and the styling which appeals.

There's real selling support behind the Arvin line—a big program of nation-wide consumer advertising in leading weekly and monthly magazines—more than 50 million Arvin sales messages to your best prospects before Christmas . . . Impressive merchandising displays for your floor or show window . . . and other promotional material that makes sales and profits for you. See and listen to the new Arvins at your jobber's.

NOBLITT-SPARKS INDUSTRIES, INC. • COLUMBUS, INDIANA
Also Makers of Arvin Phantom Filter Car Radios



ARVIN Phantom Girl Model 518A
3 tubes — 5" Speaker



ARVIN Phantom Junior Model 618
6 tubes — 6" Speaker