

The
Indiana
Historical
Radio Society

BULLETIN

Volume 44

December 2015

Number 4



In this issue:

Mantor's Keyboard

A Howard 256 Restoration

A two transistor DIY challenge

Regency XR-2A



The Indiana Historical Radio Society Bulletin

December 2015

On the cover: Bill Morris contributed cover art from the November 1922 issue of Popular Science Magazine for this issue of the Bulletin. Football! Wikipedia reports that on “October 28, 1922 the first football game ever broadcast nationally was Princeton at University of Chicago for a rematch of Chicago's 1921 win. The game was witnessed by 32,000 fans, and listened to on New York's WEAf radio station. With the help of a superior kicking game, Princeton won 21 to 18.



In this issue:

Dave Mantor writes about the hazards of shopping, the IHRS Spring Meet donation auction, displaying your radio collection for the Public to see, and a bit of Crosley history.

Ed Dupart does double duty with an article about restoring a Howard model 256 and an article on early transistor radios in his family.

On page 8 we list the contest categories for each of the 2016 IHRS Meets along with judging guidelines. Now is a great time, while the snow is about to fly for most of us, to rescue and restore a radio or two for entry in a 2016 IHRS Old Equipment contest. And on page 16 you'll find the 2016 Spring Meet DIY project—Build a (Vintage) Two Transistor AM Radio. Time's awastin', get started now!

Fred Prohl, Bulletin Editor

From Your President's Keyboard—Dave Mantor

Greetings to you, the IHRS membership. As I'm putting the finishing touches on this article for the December Bulletin, I realize just how fortunate I am with faith, family, friends and a few radios and classic cars.

It's always interesting to see the hustle going on in the malls and shopping centers and to watch the importance folks place on "things" during the holiday seasons. I dare say that you don't want to get in the way of some because their foot speed would never allow them to slow down enough to avoid a collision with you or another shopper. Most states have driving laws which simply state "no texting while driving." However, the law is almost needed in stores when people are herding their shopping carts and kids through aisle ways, and texting, too...my advice is don't get in their way!!

Which brings me to the crux of the matter – I'm thankful for you, the folks of IHRS, who make our meets interesting and who love to recount their experiences in collecting radios. My recall for names is getting harder each year, but I still recognize the faces, and it's always good to see each of you. I wish you the very best in this season of Thanksgiving and Christmas, as well as in the new year of

2016. Enjoy your family and your friends, and may your trails lead to interesting places and old radios.



Some bits of this and that



Donation auction items – Don Yost and I have been on the road of late building up the inventory for a great donation auction at the Kokomo meet in May. The first trip was to Michigan City to meet with a member of the John Bolinger family, Christy Harshbarger, who wanted to give the remaining radios, service equipment and parts from her father's estate to help IHRS. John was a past member of our club. It was a good trip, and Don and I worked getting everything up from the basement and



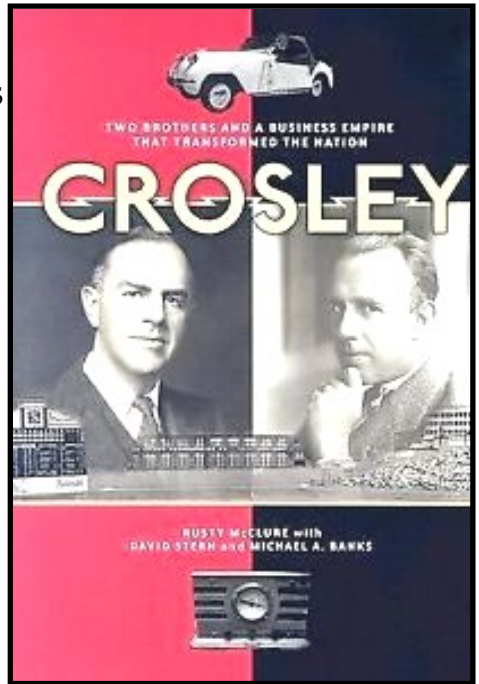
packed into my van. And packed it was. The second trip was to Glenn Fitch's place to receive his donated items for the auction. Again, we had a great day to travel. I took a trailer along, and well it was that I did. Geoff helped us at the pole barn, and Gerald, Glenn and Ramona's other son, added his strength to Geoff, Don and myself to help load. It's wonderful that these two families have the desire to further the future of IHRS by giving collectible radios and parts for the auction. First and foremost, it is for the benefit of other collectors that the families have given these collections to IHRS. Thanks to Christy Harshbarger and Glenn and Ramona Fitch for the auctionable items.

Library Displays – I have had great admiration over the years for Ed Dupart's attention to setting up displays of antique radios in various locations. So, when Don Yost mentioned to me that he was setting up two displays at the libraries in both Kokomo and Greentown, my mind clicked in like manner. After speaking with the library director at Fairmount's library, I have decided to follow Ed and Don's example and set up a display as well. I'd like to encourage IHRS members to consider that, if the opportunity should arise, other displays could be set up to get the word out about radio collecting and the availability of membership in IHRS. Potential members would be joining a society of others of like passion. Your

officers have discussed various ways to let others know about IHRS – this is a good way, believe me.

Crosley Biography

Crosley – I have always maintained an attraction to Crosley radios. My father-in-law, the late C.E. Strand also liked them. We cleared many Crosleys out of the 500+ radios that he had collected. However, I didn't save any for myself, having been overwhelmed with the dispersal of his collection. Not too long back, I bought a copy of the biography of brothers Powel and Lewis Crosley. My, what great reading. And what foresight they both had in the manufacture and marketing of the Crosley radios, appliances and finally the cars. The book of 460 pages is written by Rusty



McClure, grandson of Lewis. I'd like to tell you that from the beginning of the first, I was hooked.

Here's a brief catalog of specific years outlining their main accomplishments:

- 1921 – Powel and Lewis introduced the world's first affordable radio, a crystal set, that sold for \$7.00
- 1922 – The Crosley Brothers go on the air with WLW.
- 1924 – Crosley Radio Corporation was the world's largest radio manufacturer.
- 1929 – The stock market crashed, but Crosley Radio Company was cash-rich and without loans.
- 1930 – Crosley started producing airplanes; then the first popular car radio, called the Roamio.
- 1933 – Crosley patented and introduced to the public the first refrigerator with shelves in the door.
- 1934 – Powel bought the Cincinnati Reds.
- 1939 – Crosley experimented with television broadcasts; he and Lewis saw the Reds play in major league baseball's first televised game.



Powel Crosley, JR. in WLW Radio Room 1934

In the interest of space, I've just listed a few of their accomplishments. (Previous page) However, throughout the book, McClure established the major by-line or mantra of the Crosleys. It was, whatever they manufactured, it had to be within reach of anyone financially. I like that. It evidently proved out because they updated their product lines many times, and as a result and due to overwhelming demand, they had to relocate many times to

bigger facilities to be able to produce more. I may just have to include a few Crosleys along with my Hatfield and Sylvania stuff. We'll see.

Finally, I would like to extend a Christmas greeting to you and your families at this very special time of year. Having family and friends makes for a rich life, a richness unavailable anywhere else. Be safe, be happy and God bless. *Dave*



Crosley Hotshot

**IHRS Winter Meeting – Lawrence Park Community Center,
Lawrence, Indiana - Saturday March 5, 2016
Meet at the Lawrence Park Community Center,
5301 N Franklin Road, Lawrence (North East Indianapolis)**

The Lawrence Park Community Center is located just outside the North East segment of I465, Indianapolis. Exit I465 at 56th Street East or Pendleton Pike (US36) East. From 56th Street turn South on Franklin Road to the Community Center – From Pendleton Pike turn North to the Community Center.

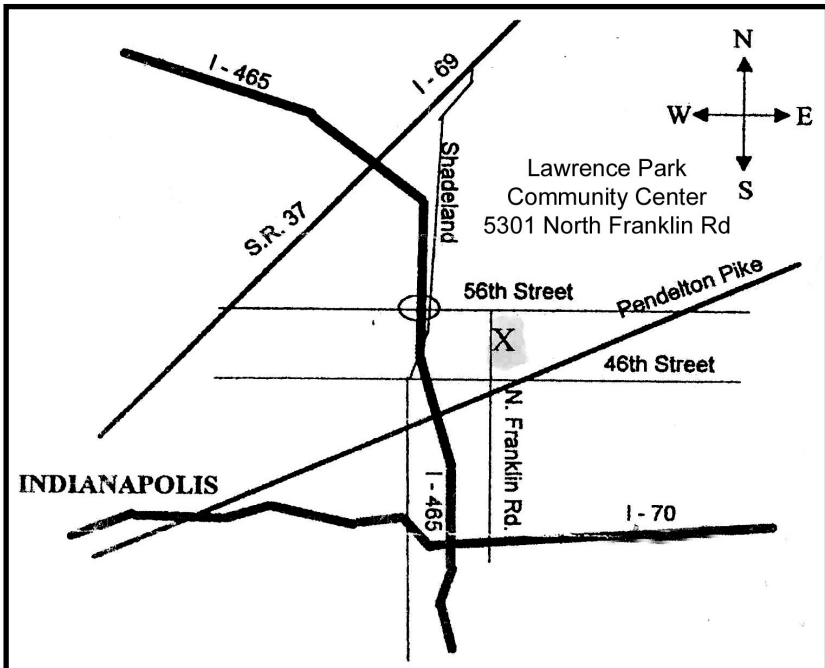
The IHRS Winter Meet is a **Swap N Sell indoor meet**. The doors to the Center will open at 8:00 AM for setup and Swap N Sell.

Old Equipment “Popular Vote” Contest is open to all entries of vintage radio and radio related equipment. Tables for the display of vintage/unique electronic equipment will be available.

CONTEST CATEGORIES:

1. 1950's Tube Radio
2. Open to all Radios

Registration fees: Admission to the Vintage Radio Meet is free. Swap table rental: IHRS members - \$10.00 for each table; non-IHRS members – \$15.00 for each table. Tables are rectangular.



Old Equipment Contest Categories for 2016

It is winter—and time for “Radio Restoration” in preparation for the IHRS 2016 Old Equipment Contests!

The IHRS offers vintage radio contests at each of our meets. The Winter, Summer, and Fall meet contests are judged by “Popular Vote”. All individuals attending the meet select their favorite for each of the two categories of the contest.

At the Spring IHRS meet each contest category is judged by a team of IHRS members. The team determines 1st and 2nd place in each category by grading the Historical significance, Uniqueness and rarity, Quality of restoration, and Supportive and illustrative documentation of each entry. When an outstanding contest entry is presented, as determined by the judges, a “Best of Show” may be awarded.

Contest categories for each of the 2016 IHRS meets are as follows:

Winter Meet, Lawrence Park - Popular Vote

category 1 – 1950’s tube radio

category 2 – Open to all radio and radio related equipment

Spring Meet, Kokomo -Judged by a team of IHRS members

category 1 – Indiana Made Radio

category 2 – 1930’s multiband radio

category 3 – 1920’s three dial battery radio

category 4 – Horn Speaker

category 5 – Open to all radio and radio related equipment

Special category – DIY Two Vintage Transistors AM radio

Summer Meet, Cool Creek—Popular Vote

category 1 – 6” X 10” Tube radio (maximum radio base
is 6 inches by 10 inches)

category 2 – Open to all radio and radio related equipment

Fall Meet, Greenfield—Popular Vote

category 1 – Novelty Radio, tube or transistor

category 2 – Open to all radio and radio related equipment

- 2016 Regional Vintage Radio -

Indiana Historical Radio Society

March 5, 2016, Winter meet, Lawrence Park, Lawrence
May 6 & 7, 2016, Spring Meet, Kokomo Shrine Club
August 13, 2016, Summer Meet, Cool Creek Park, Carmel
Fall Foliage Meet TBD

Mid-South Antique Radio Club

MSARC Meet information contact: layvinrad@twc.com

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

Michigan Antique Radio Club www.michiganantiqueradio.org

January 16, 2016, Vintage Electronics Expo
28600 Eleven Mile Road,
Farmington, MI

CARS—Cincinnati Antique Radio Society

Info. at oltubes@roadrunner.com or Bob Sands 513-858-1755

Dayton Antique Radio Club (SPARK)

Contacts Ed App 937-865-0982

Central Ohio Antique Radio Association – COARA

Info. at <http://coara.org> for event schedule.

We Remember:

Charles "Chuck" J. Saxton, 91, of Speedway, passed away September 19, 2015. He was born July 21, 1924, in Hardy, Iowa. Charles worked for over 30 years as an electrical technician supervisor in the Federal Aviation Association and later for Raytheon. As a long time member of IHRS we remember Chuck as easy going and fun to talk with. His interest was all things electrical and mechanical and at times could be found set up at antique shows selling the unusual. We will miss Chuck.

Richard Estes of Medina, Ohio died November 30 of this year. We remember Richard as the king of radio auctioneers. He held regular auctions in northern Ohio and frequently at radio meets through-out the mid west. Many of us who collect radios have Rich's phone number available for family in the event a collection of radios need to be sold. Richard was 72 years old.

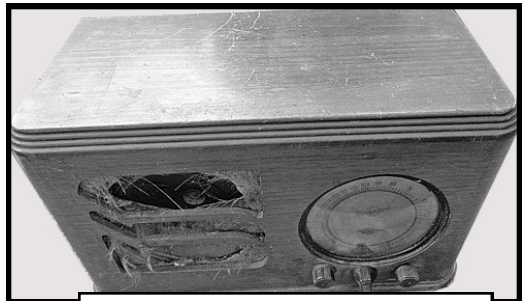
The Howard Radio Model 256—by Ed dupart

This past summer my wife and I and some friends explored west Michigan going through fruit stands and antique/junk shops. This one antique shop only a few hundred feet from Lake Michigan was comprised of several small buildings with all kinds of stuff in them. In one of the buildings was a 1937 Howard model 256 that needed a lot of tender loving care. The cabinet was in pretty good shape, except the bottom was falling off and the chassis had a lot of rust from sitting out in this damp building, but I bought it anyway.

I was fascinated with the Howard brand because of an electronic surplus shop back in Detroit, Bauer Surplus on Redford Street near 6 Mile, Grand River and Lahser in the Old Redford area. This store specialized in WWII military electronic equipment and it was close to home, so I would start visiting it when I was around twelve. I loved going up and down the isles looking at all this old military equipment and the huge power tubes. There were a lot of small parts too and a few Rider manuals. I did buy Rider volume III because it was the earliest one they had and that manual had an awful lot of the schematics of radios I was interested in and working on at that time. As

I recall it cost me \$5, which was a lot for me at the time, but I still have it. They had lots of electronic equipment in the front window that was visible to the street and sidewalk and amongst all that stuff was a Howard in a metal cabinet that had the AM band and two short wave bands and they wanted more for it than I could afford, but I thought someday I would have a Howard radio. Fifty some odd years later I finally obtained a Howard.

As I look at this radio it brings back memories when I could ride my bicycle around Detroit and visit all the electronic stores, the barber-shops with their old radios and the libraries and not worry about getting mugged. A time when the houses had green lawns with beautiful trees, a time when the city was vibrant and active and people would still listen to old radios like this Howard. A time when the city of Detroit didn't look like a war zone.



The Howard 256 before restoration

A little more about the condition of the Howard as I got it. The finish was scratched up pretty bad on the top but most of the finish was there and the sides were still pretty good. The speaker grill was gone except for a few bits and pieces and the speaker was ripped in several places, but it was complete. The radio has the AM band and one short-wave band, the upper band.

I started with the cabinet and I

ing rags or get sucked up in the vacuum cleaner. Of course, I cleaned the area where I did the gluing.

Now that the cabinet is good and strong, I can now start the re-finishing process. Since I wanted to save the original finish, I just used steel wool to clean and smooth out the scratches. Then I applied linseed oil to the cabinet and that brought back the natural colors of

the wood and helped it to blend the scratches into the original finish, much like Old English does, but the linseed oil is thicker and has a little filling capability. After the linseed oil dried I put several coats of satin lacquer on the cabinet with wet sanding in between coats to give it that super smooth glass like finish. I used 400 wet or dry sandpaper.

The next step is the chassis. I started with the ripped speaker, some will say, I should just recone it, but I have good success at gluing it and having the

speaker sound decent. I used a painter's tape that doesn't have a lot of stick to it and I placed it behind the tears and got the paper cone to stick to it. Then I applied Dollar Tree's \$1 contact glue in a tube to the tears and that holds it together and the glue is flexible. Once the glue is dried I can remove the painters tape. For the tears that



I started by gluing the bottom back on.

glued the bottom back on. Then I cleaned the cabinet with 409 after vacuuming it out and wiping out any loose debris. Some of you are probably wondering why I didn't clean it first and then glue it. I wanted the cabinet to be strong before I started cleaning it, I didn't want any loose veneer or other loose pieces to get caught on clean-

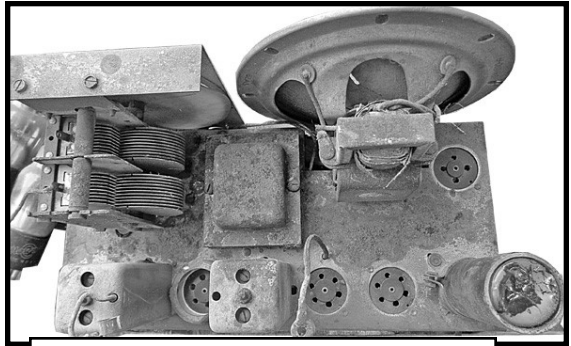


Contact glue is used to repair the speaker

I found some appropriate grill cloth and put that in and this completes the cabinet.

The knobs were lightly cleaned and later I will do a thorough cleaning. One of my methods is to put the knobs in a cup with mechanics soap and allowed to sit over night. The next day I washed them off us-

naturally want to align themselves, I don't use the painter's tape; I just apply the glue. While this glue is clear, it is still very visible and I have to admit it doesn't make for the prettiest speaker, but it does work well. When I was a teenager I used lots of nail polish and that really made the speaker look ugly, but again it did work.

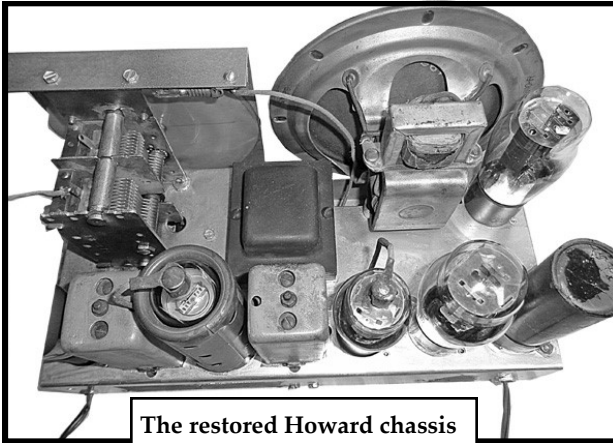


The Howard chassis before restoration

The round glass bezel had a hard rubber that insulated the glass from the metal and the rubber had fallen apart. What could I use to replace the rubber and have it curve to match the glass? There was an old shoelace lying around and I looked at it and I decided I will make it work. The Dollar Tree glue was used again to glue the shoelace to the metal and it worked out providing the insulation the glass needed.

ing an old toothbrush and that removed all the decades of goo and grime and they now look like new. Sometimes I have used 409 in place of the mechanics soap, but 409 is strong, but will not harm bakelite knobs.

I recapped the radio and didn't encounter any unusual problems. It did need re-alignment and after that it played great and the repaired speaker sounded just fine with no rattles or distortions.



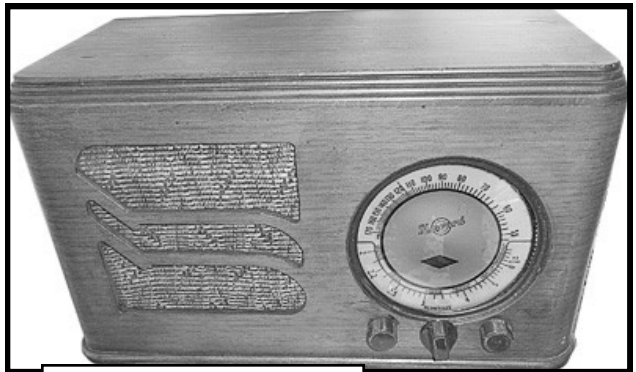
The restored Howard chassis

The rust on the chassis was a different matter and that took a lot of work. If this was a \$4000 dollar radio, I would have drilled out the tube sockets and terminal strips and would have removed everything from the chassis and sand-blasted it, but it's not a \$4000 radio. So I used my Dremel tool and attached grinding stones to it and ground off the worst of the rust and then I switched to wire wheels. A real caution about wire wheels. At high rpm's the wire wheels tend to fall apart and release and spin off their wires and could be a real eye hazard, so I wear protective eye-wear. I also used sandpaper on the rust. When I got as much of the rust removed as possible, I found the chassis was pitted and not much I

could do about that. Using sandpaper actually smoothed out some of the pitting. At this point I was ready to use Rustoleum silver paint. This paint will prevent future rusting, help fill the pits and make the chassis look better.

Taping off as much as I could like IF transformers and the power transformers and other stick in the air parts allowed me to spray the paint on which looks much better than using a brush or Q-tip. For the hard to get at places I did use a Q-tip. The labels were covered with the painter's tape. After all the painting is done I can finally put it back in the cabinet.

It is now a nice looking radio that performs very well and reminds me of Bauer Surplus and the good days of Detroit.



The Restored Howard 256

We Remember—Alan Douglas

Friend of the Indiana Historical Radio Society, Alan Scott Douglas, 72, of Pocasset, Massachusetts died at his home on November 16, 2015. He was born in Boston, MA, son of David and Margaret Douglas. He graduated from Swarthmore College in Pennsylvania with a degree in Electrical Engineering. He was employed at Teledyne Benthos until retiring two years ago. While visiting in Indiana, Alan would attend IHRS meetings. He contributed several articles for publication in the IHRS Bulletin in the 1970's and 80's. Alan is best known for his documentation of vintage radio. He authored many articles for the Antique Wireless Association Journal and the Antique Radio Classified. Many of us have his comprehensive three volume book set "Radio Manufacturers of the 1920s".

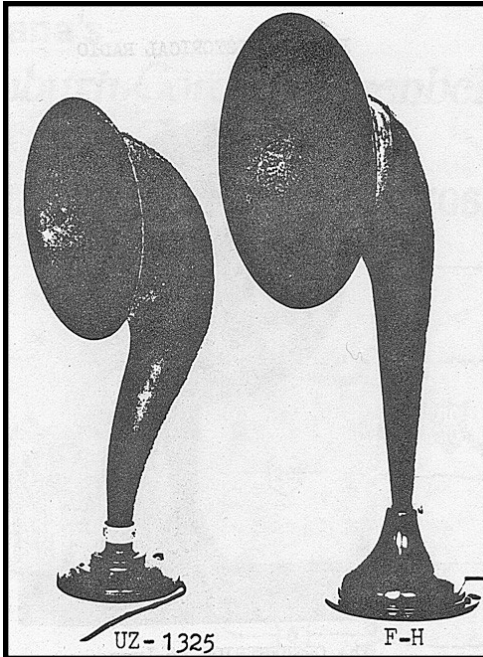
The following article "Radiola Horns" was written by Alan for the March 1980 Indiana Historical Radio Society Bulletin.

Radiola Horns by Alan Douglas

I was never much interested in Radiola horns, until I bought this F-H. I had thought that since the F-H wasn't often advertised, it must have been the first Radiola horn, followed by the UZ1320 and later the UZ-1325. To judge from the ads I've found, though, the F-H and UZ1320 were both available at the same time.

The UZ1320 first show up in Radio News for October 1923, while the first mention of the F-H I've seen is in the New York Sun for December 15, 1923. By March 1924, when the new line of Radiolas appeared, both horns were offered at the same price. Because of this, and because the F-H was pictured with the Westinghouse sets while the UZ-1320 was shown with the Radiola Superheterodyne from GE, I assume that GE made the UZ1320. There is no question about the F-H, which has a Westinghouse style FL driver inside.

Most F-H's have a decal on the base, and felt on the bottom, but this one has three rubber feet and never had a decal. It is pictured with a UZ1325 for comparison. The UZ1325 first shows up (in the magazines I've seen) in Wireless Age for August, 1924, page 25. *Alan Douglas*



Maximum Volume
with
Maximum Clarity
Ask your dealer
Price \$36.50

Radiola
Loudspeaker
TYPE F-H



CONTINENTAL
"New York's Leading Radio House"

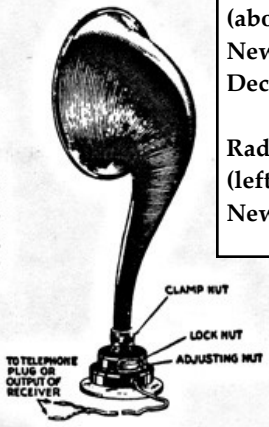
**Radiola
Loud Speaker**

UZ-1320 reproduces broadcasted programs with clear and undistorted tones.

The magnetic system, the shape of the horn and the material of which it is made are of the very best. Mechanically this unit is very ruggedly built. The finish is of a dull black with a felt base. The bell is 12 1/4" in diameter and the height is 26 1/2".

One adjustment is provided for securing maximum efficiency on different values of signal strength.

UZ-1320 LIST PRICE, \$36.50.



Radiola Type F-H ad (above) is from the New York Sun, December 15, 1923

Radiola UZ-1320 ad (left) from Radio News, October 1923

CONTINENTAL RADIO and ELECTRIC CORPORATION
SIX and FIFTEEN WARREN STREET, NEW YORK, U. S.

Plan Now! — Start Now!

Build a ‘Vintage’ Two Transistor AM Radio for entry in the IHRS Spring Meet Vintage Radio Contest, Kokomo 2016.

A prize will be awarded to first and second place winners!

Guidelines for a Do It Yourself ‘Vintage’ Two Transistor AM Radio: ~ The contest is open to members of the Indiana Historical Radio Society. ~ The two transistor radio is constructed by the contestant. ~ Enter as many two transistor radios as you like! (Members with multiple entries will be eligible for one prize only.) ~ Contestant can choose and build from a published circuit or from a circuit of own design.- ~ The transistors should be of the type manufactured in the 1950’s and early 1960’s. (*See the list of popular pre 1960 transistors listed to the right.*) ~ The associated radio parts should be consistent with vintage parts manufactured in the 1960’s and earlier. - A detector diode may be used in addition to the transistors.

The DIY Two Transistor AM Radio will be judged as follows: - Overall presentation of the Radio. ~ Adherence of construction to the above guidelines and schematic. ~ Construction techniques. ~ Supporting documentation. ~ Does it work.

For radios not using a dynamic speaker, an IHRS amplifier with speaker will be provided to assist the judges.

Plan Now! — Start Now!

Early transistors Pre 1960

RCA
2N109
2N140
2N139
2N404

SYLVANIA
2N34
2N35
2N112
2N229

GE
2N107
2N169
2N170
2N43
2N44
2N188

TUNGSOL
2N63
2N64
2N65

WESTERN ELECTRIC
4B
4C
4D

RAYTHEON
CK718
CK721
CK722

The Museum Store on the internet is good place to find vintage transistors for sale, as well as EBAY.

The Two Transistor AM Radio

In 1956, following the introduction of a four transistor “pocket” radio, Regency offered a two transistor AM radio, the XR-2A. Soon to follow, 1959 – 1961, Japanese manufactures produced two transistor AM radios, with a dynamic speaker. These inexpensive radios were labeled as “Boys Radio”. (Evidently import duties were less if the item shipped to the United States was identified at a “toy”.)

In this issue of the “Bulletin” Ed Dupart (at the invitation of the Bulletin editor) writes about getting his Regency XR-2A in the 1950’s. Ed’s article is timely considering the DIY contest for the Spring Meet is constructing a two transistor AM receiver.

Keep in mind that while Ed’s article describes the XR-2A circuit and the reflex circuit found in the Boys Radios, your DIY two transistor receiver circuit design is your choice. *Editor*

Regency XR-2A and Japanese Two Transistor Radios

By Edward Dupart

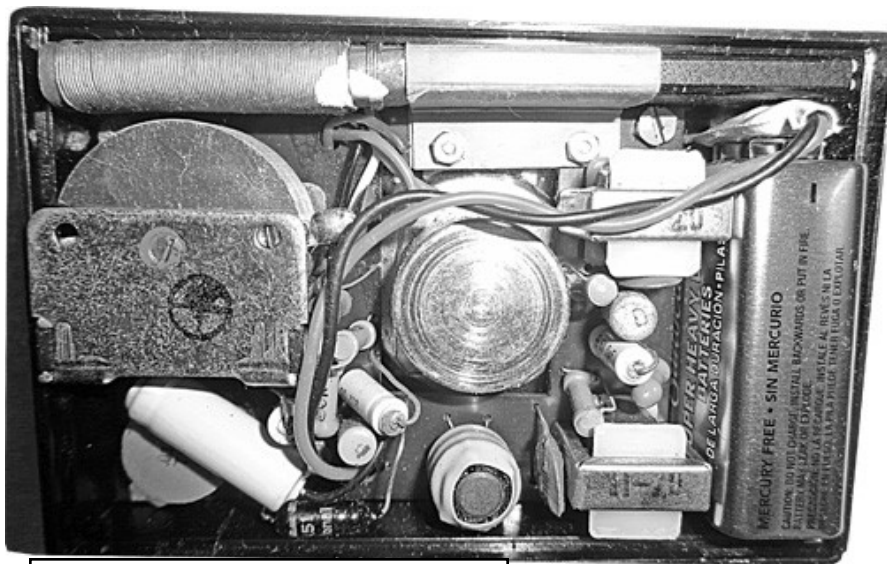
In the late 1950’s transistor radios were still expensive and my sister and I wanted one. We asked for one for Christmas and what we got were Olympic 450-V portable radios, which are now collectible. She got a green one and I got a red one, both were tube radios that sucked up expensive batteries we couldn’t afford. Eventually, I tore them apart for parts, which I still have some of the parts. I wish I had just kept them tucked away as I did with so many of my childhood radios. I built my own transistor radio using 2N109 transistors and it was neat, but I wanted a commercial radio and so did my sister. About 1959 or 1960 I managed to accumulate enough money to buy a

Japanese two transistor radio from Ferber’s TV on 6 mile road near Mansfield in Detroit. I bought it for my sister and she really liked that little radio. Where we lived in Detroit we were surrounded by radio stations and the little two transistor reflex radio worked remarkably well. I can still see her spread out on the floor in front of the TV doing her homework listening to that little radio.

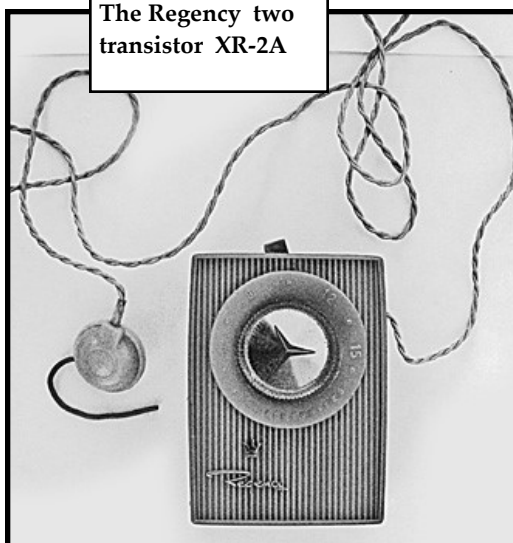


A “Deluxe” two transistor radio

The two transistor radio—continued



Inside a two transistor "Boys Radio"



The Regency two transistor XR-2A

While I was at Ferber TV I noticed the Regency XR-2A radio and I wanted it, but it only used an earphone, which would not be

suitable for my sister. So I bought the Japanese two transistor radio for her and I went and saved up my money, hoping the Regency would still be there by the time I gathered up my money. At the time I didn't realize that this Regency radio was not a fast seller, so I was very happy to still see it on the same shelf where I originally saw it a few weeks earlier and so I bought it, and was very happy with it. Instinctively I knew it would be a collectable radio and I hung onto it. I still have it to this

day. Like the Japanese radio I got for my sister, it performed very well in Detroit. It was very loud and was capable of driving an ex-

ternal speaker, but I left the ear-phone on it. I was curious to see how long the batteries would last and so I put it in my dresser drawer and left it on. It was so loud I had to put lots of clothes on top of it so I wouldn't hear it at night. As I recall the batteries lasted three months and I was impressed.

The circuitry for both radios was very similar. The first transistor acted as an RF amplifier and the output was fed into a transformer and from there it went to a diode detector. The audio from the detector was fed back to the first transistor, reflex action, and the first transistor amplified the signal now as an audio signal. The audio signal from the first transistor is now fed to the second transistor which is solely an audio amplifier and the output from it went to an audio output transformer that matched the high impedance of the transistor to the low impedance of the

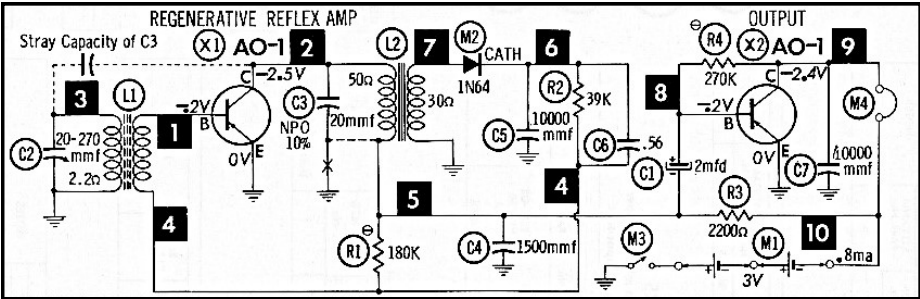
speaker in the Japanese radio. The Regency XR-2A didn't have a speaker and so the output from the second transistor went directly to the earphone. The Regency also had a gimmick capacitor, which controlled feedback making it not only a reflex radio, but a regenerative one as well. This really improved the reception and I could pick up more stations on the Regency versus the Japanese radio.

About a year later I bought her an Emerson Pioneer 888, which is a high quality radio that used 4 penlight cells and they would last her a year. She used it for many years and for all I know, she may still have it. I keep a battery in the Japanese radio and I play it every once in a while. The Regency is tucked safely away in nice protective packaging. *Ed Dupart - November 17, 2015*



Emerson Pioneer 888

nese radio and I play it every once in a while. The Regency is tucked safely away in nice protective packaging. *Ed Dupart - November 17, 2015*



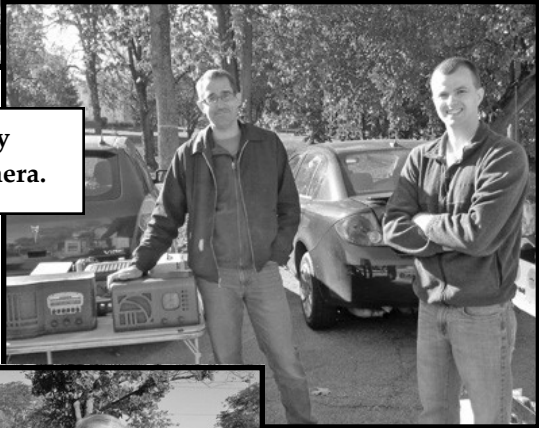
The Regency XR-2A Schematic

IHRS Fall Foliage Meet—Riley Park, Greenfield



Bob Dobush becomes a popular guy when he pulls in with a truck full of radio!

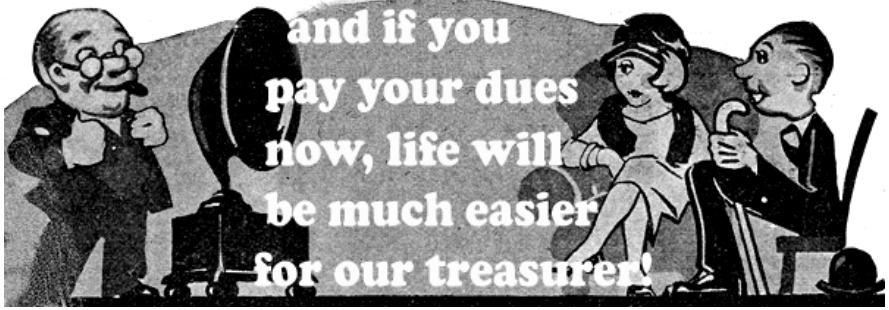
Peter Konshak and Jeremy Schotter smile for the camera.



Karl Johnson and Sam Pete

Ed Taylor and Edna and George Clemans enjoy an after lunch conversation.





Renew your membership for 2016 now!

If the date on your mailing envelope for this issue of the Indiana Historical Radio Society Bulletin is 12/15 or earlier, it is time to renew your membership. Send your check payable to the *Indiana Historical Radio Society*

in the amount of \$15.00 per year. Send your payment to:

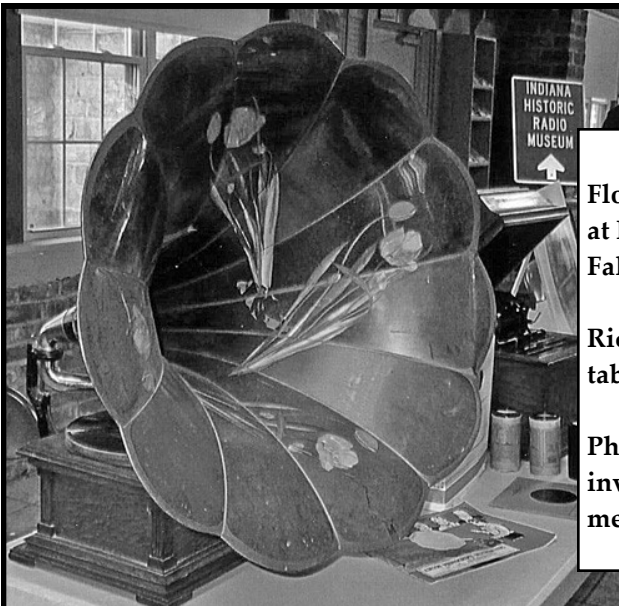
Don Yost, IHRS, 3814 E 400 N, Windfall, IN 46076.

Include your current mailing address, if not on your check, and your email address, if you have one.

Membership questions? Contact

Don at dirsir@netscape.com

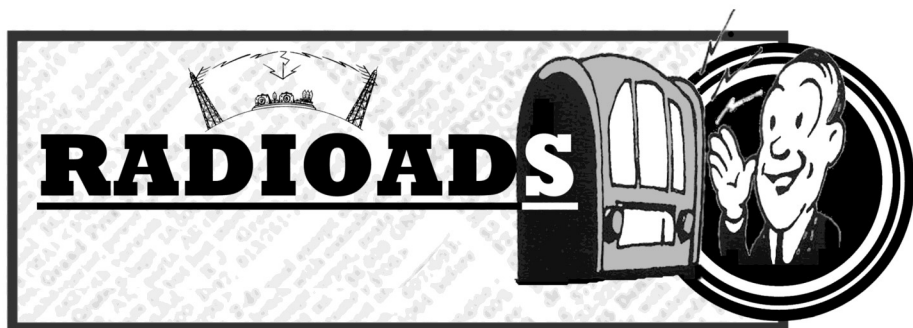
or call him at (765) 945-7014.



Flowered horn phonograph at Richard Buck's table, Fall meet, Greenfield.

Rich's display is a popular table for visiting families.

Phonograph collectors are invited to set up at all IHRS meets.



Submit your "FREE TO CURRENT MEMBER" RadioAd by the 15th of February, May, August, or November in time for the Bulletin issue that follows.

Wanted: To complete a restoration I need the battery compartment cover panel (which has the paper label on the inside) for the Zenith Transoceanic Royal 7000-1 portable radio. Just the cover panel with the captive fastening screw, not the entire radio back, although that would be OK too. So please check your parts sets for this panel. Please contact me at prisoner2@mindspring.com. Thank You, Harry Synovetz. 09/15

Wanted: I'm looking for any information, history details, advertisements, parts, complete or partial units, photographs and/or manuals on the BC-610i military transmitter used by the United Forces in WWII. Please contact me at dmj.mantor@gmail.com or 765-618-8342 (before 7 p.m.). Many thanks, Dave Mantor 12/15

For Sale: REPRODUCTION RADIO BATTERIES: I've developed replica battery solutions for most tube and transistor radios--batteries that have not been available for nearly thirty years. They look, they feel and they work--just like the originals! Plus, they are a reusable resource. Inside are holders for AA, C, D and 9-volt batteries. When the batteries wear out, simply remove them and install new ones. Contact Bill Morris at batterymaker@gmail.com or at 317-895-1334. 12/15

IFree: I have 3 1930's era console radios. I will give to anyone who wants them.

1.] RCA Radiola 82 highboy

2.] Philco model 14 lowboy

3.] RCA radiola 60 with magnavox dynamic 80 speaker highboy

I need to find home for them as I have no space. Each is "whole" but needs total restoration. Help save them from the tartan.

John Foell jgfoell6130@gmail.com 260-627-0127 12/15



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administration, & publicity

Sites and dates of meets

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for Bulletin publication
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Donations & scrapbook material

Bulletin Deadlines: News, Articles & Radio Ads, 2/15, 5/15, 8/15, 11/15
IHRS Web site address: www.indianahistoricalradio.org

The INDIANA HISTORICAL RADIO SOCIETY is a non-profit organization founded in 1971. Annual membership dues of \$15.00 includes the quarterly IHRS "BULLETIN." Radio-Ads are free to all members. Please include an S.A.S.E. when requesting information. Send applications for membership and renewals to Don Yost, our treasurer as noted above.

The BULLETIN
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Forty-four years of documenting early radio.

Old Equipment Contest Entries, Fall Meet, Greenfield



Above—Tom Adelsperger entered this beautiful Thompson operating battery set with horn speaker and loop antenna. His setup won the Popular Vote of first place.



Ed Dupart had two entries: a Clapp Eastham RADAK battery radio in the 1920's category and a Heathkit receiver in the open category. See the September 2006 I.H.R.S. Bulletin for Ed's RADAK restoration.