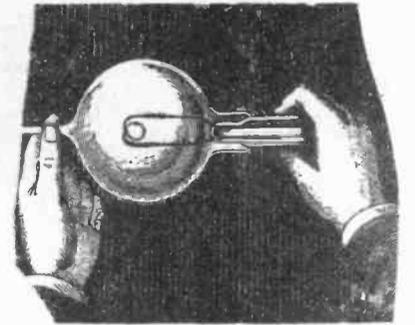


THE NEWSPAPER FOR  
THE HOBBYIST OF VINTAGE  
ELECTRONICS AND SOUND

# THE HORN SPEAKER



Thomas Edison's  
incandescent lamp

1879-1979

## 3 CIRCUIT BOARD

### ATWATER KENT THREE CIRCUIT BOARD by Walt Sanders

A popular radio circuit of the early 1920's was the three circuit tuner, composed of a variocoupler for antenna inductance and variometers to tune the grid and plate circuits (see Figure 1). Perhaps the commercial three circuit sets best known to collectors are the Grebe CR-3 and CR-8 receivers.

Atwater Kent manufactured and sold separately all the parts needed to assemble a three circuit set. Undoubtedly, many experimenters wired their own from such parts, but Atwater Kent never sold any factory wired sets using this circuit. Why not is open to conjecture. Perhaps AK feared infringement on patent rights. Or, maybe, as Ralph Williams has suggested, the early AK factory sets were suitable for broadcast conditions up to mid 1923, and the tuned radio circuit was developed in time for the later proliferation of stations.

The three circuit open set shown in Figures 2, 3, and 4 is one I assembled from original AK parts. I added an AK top control variable condenser in series with the antenna to give the board a more attractive balance and to aid in tuning. The parts are mounted on a 10" X 3 1/2" board taken from an AK 10 (Set No. 4600) that I disassembled. If an AK 10 that is hopeless for restoration can not be located, a base board can be made in a home wood working shop or made by a professional wood worker. The three tube TA unit is mounted in

the same position as it was for the Model 10. The spaghetti and grommets were removed from Model 10 and Model 20 AK sets. The hookup wire is not original, but is the same as that used by Atwater Kent on open sets.

The original mahogany stain on the board matches the phenolic of the mounted parts so well I decided not to refinish it. All I did was plug up the holes and, after minor touch up, mount the new parts. The layout of underboard wiring, shown in Figure 4, is simple and clean, without overlaps of the wiring, so there was no need to cover the wires with spaghetti. See Figure 5 for a schematic of the wiring I used.

The set tunes quite well. The variocoupler (antenna inductance), grid variometer (left hand variometer), and variable condenser determine the wavelength received, and the plate variometer controls the regeneration. In tuning a three circuit set, the proper regeneration varies with the wave length tuned in, so that the operator must adjust the grid and plate variometers simultaneously.

All the parts for this set could have been bought from AK in 1923 for about \$85.00. If you are lucky enough to locate the parts today, expect to pay over \$250.00 for them.

Walt Sanders  
15 Todd Place  
Terre Haute IN  
47803

Figures 3,  
4 and 5 on  
page 2

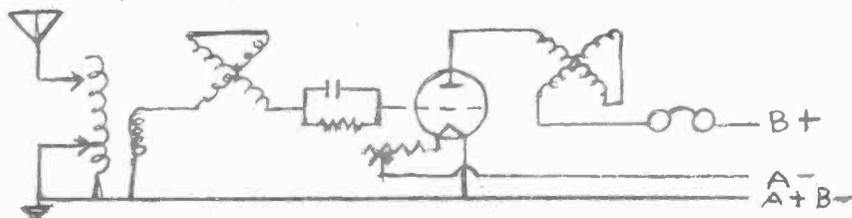


Figure 1

Diagram for three circuit receiver.

## O. H.



### NOT ALWAYS A '39 SILVERTONE by Jody York

O. H. McDonald, a Dallas radio collector who accumulates publicity like a movie star, was featured in a metropolitan newspaper with an article about his radio collection behavior. He has so much publicity that other collectors are suspicious that he hires public relations help. But, anyway, due to his popularity with the general public, he receives many calls asking him if he wants to buy an 1892 antique radio which turns out to be a Silvertone console made in 1939.

One of his publicity fans phoned

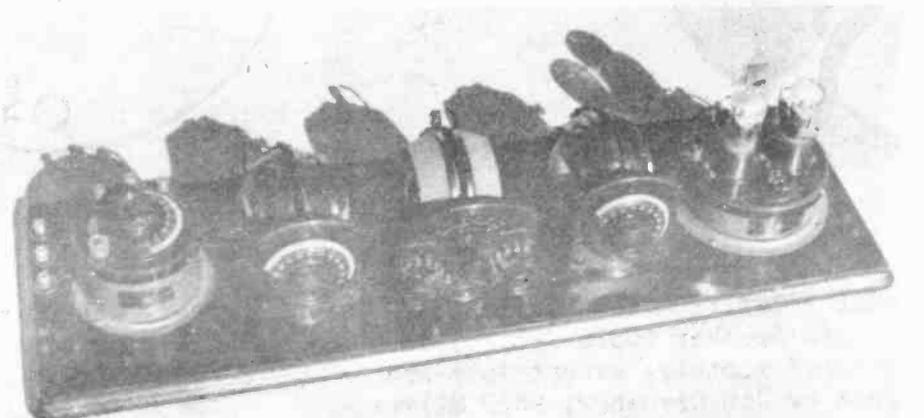


Figure 2

Front View of set

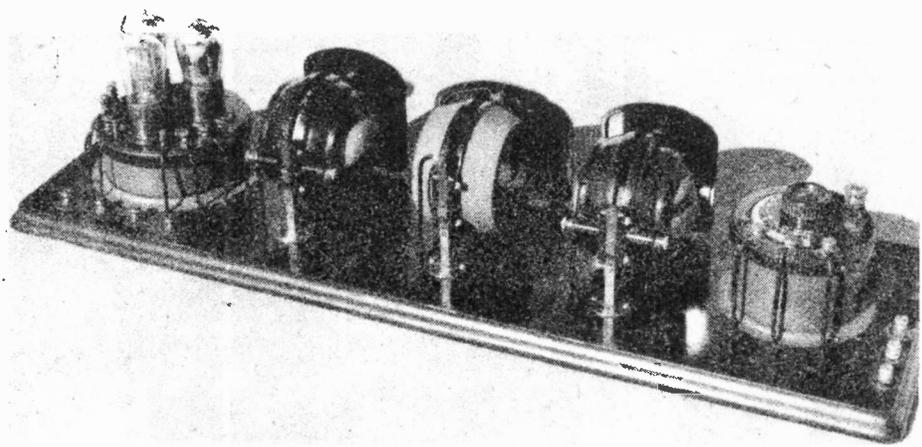


Figure 3

Rear View of set

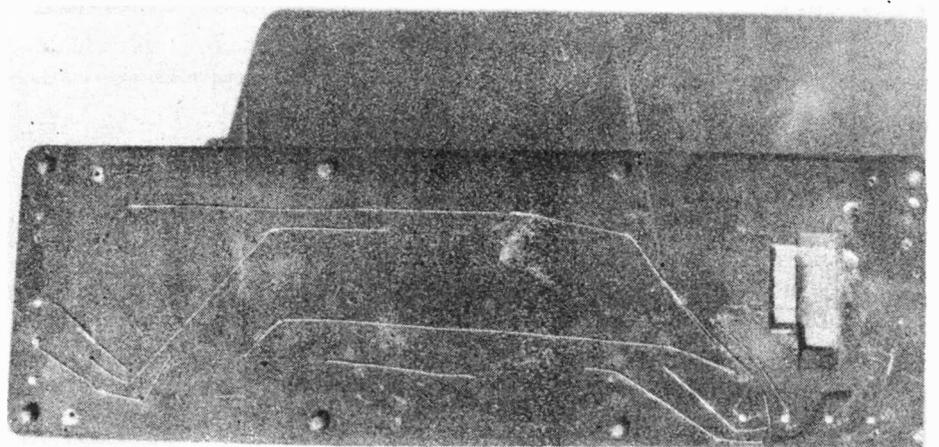
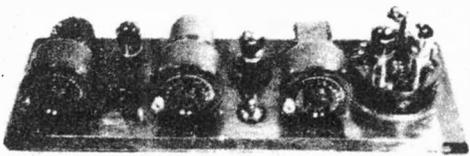


Figure 4

Bottom view of set

O. H. and told him that he had an old radio chassis with a strange looking speaker. O. H. figured that it was just some old junk chassis without a cabinet, humored the caller by telling him that he would look at it as soon as possible. Well, about three weeks later the owner of the same set called again and asked O. H. if he might still be interested. This time he noticed that the owner lived only a few blocks away instead of 20 miles across the city.

McDonald pulled himself away from his restoration bench to drive the few blocks. When he arrived with somewhat of an annoyance of leaving his hobby, the owner presented the set to McDonald. He tried to be as cool and nonchalant as possible, because he could not believe his eyes. Suddenly an Atwater Kent model 10



ATWATER KENT  
MODEL 10  
1923

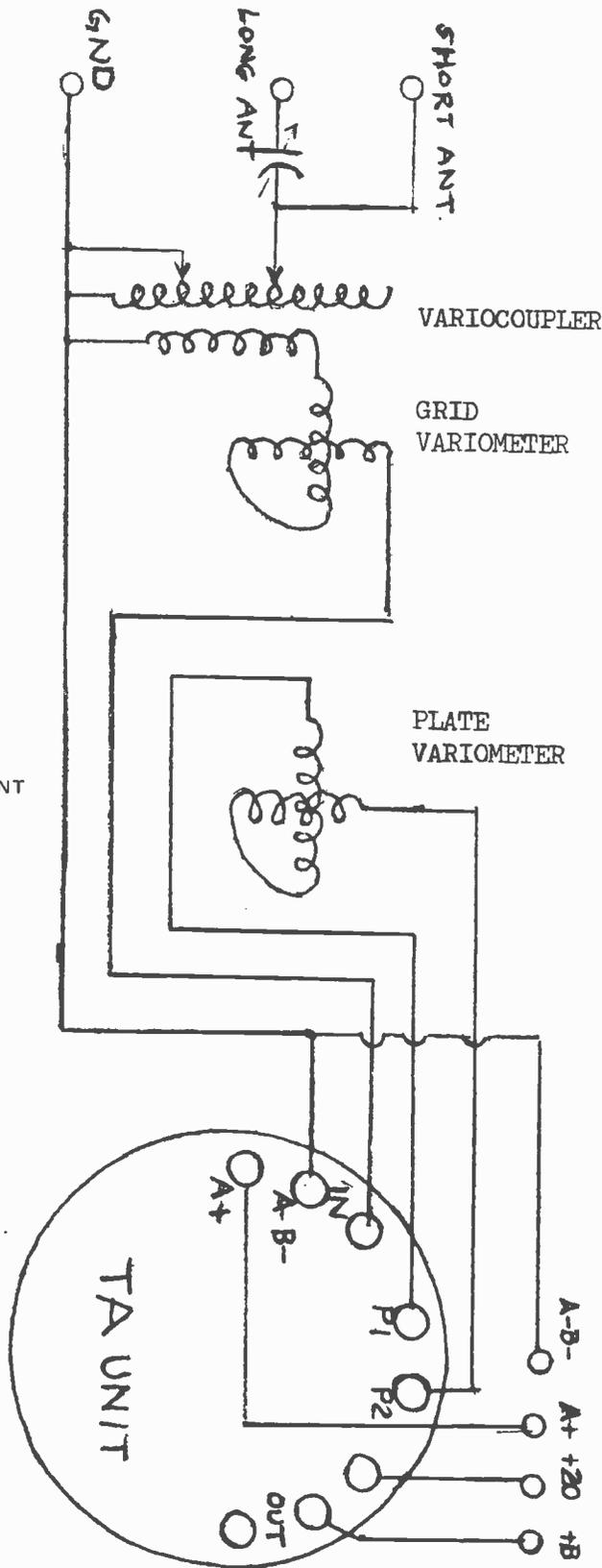
"breadboard" radio, the broadcast set that almost all collectors want, was being thrust upon him. The gentleman said that he did not want to dispose of it in the garbage, so he gave it to McDonald with a matching horn speaker.

As McDonald opened his car door to load his precious gift, he braced himself to prevent fainting.



ATWATER KENT  
TYPE-H

Figure 5



# letters

Dear Jim:

Thank you for renewal notice. I always look forward to receiving the "Horn Speaker". Would love to see much more on vintage television, (ie 1926-'40). There is a growing number of television collectors and historians today, especially among some of the younger folks. I believe that collecting television receivers today, is like collecting radios must have been in the mid '30's. There is, lots of stuff (except pre WWII) around, at not too higher prices.....YET!!

Inclosed is an extra dollar to run my want ad.

Keep up the good work...more TV!

P.S. I also might ad that some vintage radio clubs, specifically discriminate against and snub early T.V. To you I say television will be 75 years old one day too. Many sets will be quite rare, collectable and valuable!

Thanks Jim,  
Kent Warner  
1848 Grace Ave.  
Hollywood CA 90028

EDITOR....We heed your words.

Dear Jim:

Thanks for the reminder card. Don't want to miss one issue. I sold battery and later electric sets in the Ozark Hills in late 20's and 30's. My first tube radio was, 1 tube "Harko Signor" or "Ace" Crosley. Next one was a Radiola III. I have one of those, but want a Harko Senior.

Best regards,  
Troy Cantrell  
331 North Stine Road  
Bakersfield CA 93309

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graphers and writers, please use the following address;  
THE HORN SPEAKER  
P.O. BOX 53012  
DALLAS TX 75253

Dear Jim:

Enclosed is my renewal for another year of the Horn Speaker. Thanks for providing this very interesting publication. I especially like the articles on restoring and troubleshooting old radios. I'm a collector of early AC sets, and have lots of cabinet models (too many for the limited space I have). I try to restore them to as near original condition as possible. Other than my lack of "formal" schooling in electronics, my biggest frustration is not having the time to do all I'd like. I'm self-taught, but have studied some very good vocational school texts from the '50's and have made use of early books I've found in the second hand stores. After several mistakes (to put it mildly) I can tackle almost any set with the confidence that I won't destroy it. I've been lucky enough to get some "antique" test gear and restore it to where I can use it. I was given a Sylvania tube-checker (still with the old chart on it) and after changing out a few bad capacitors, I find it works real well.

Here in Monroe/West Monroe there are about five of us who collect radios, each with his own particular favorite type. We compete like the dickens to find and get radios. But we cooperate and "brag" and generally have a good time sharing. This really makes the hobby a lot more fun, and I guess that's one of the best things about your publication.. the opportunity to write to other collectors around the country who want to swap or brag, buy or sell. It's been a lot of help! Keep up the good work on The Horn Speaker...I look forward to getting it every month.

Sincerely,  
Jim Norwood  
115 Hemlock Circle  
West Monroe LA 71291

Dear Jim:

I would like to renew my subscription for another year.

I find your publication most enjoyable, from the articles, which are informative to the ads which I always get a kick out of. You will notice I have a new address. I'm still at the same old place, but somebody decided my address was wore out, so I got a new one, What next?

Thanks,  
Jerry H. Rash  
1823 Spindale St.  
Spindale N.C. 28163

Dear Sir:

Please find enclosed a check for \$5.50 for my renewal.

Have you given any thought to coming out with some kind of a binder for the many issues of THE HORN SPEAKER?

Keep up the good works.

Ken Ladd  
5240 44th Ave. S.  
Mpls. MN 55417

EDITOR...A binder is a good idea.

Gentlemen:

Please send me your latest copy of THE HORN SPEAKER and a price list of your old radio tubes. I am trying to restore an old Atwater Kent model 40 radio. I am in the need of some tubes CX 371A and CX 326 -C327 - CX 380. If you have any old parts or resistors for Atwater Kents please let me know.

Ralph Bustle  
Downs, IL 61736

EDITOR...No parts for sale but please try the advertisers.

Gentlemen:

Enclosed is a money order in the amount of \$5.50 for a one year subscription to your publication, THE HORN SPEAKER.

I am mainly interested in early television.

Thank you,

Sincerely,  
Gary Hough  
1725 N. Valencia  
Santa Ana CA 92706

EDITOR...More television enthusiasts!

Dear Jim:

Enclosed is my check for \$5.50 please renew my subscription for 1979.

Also a copy of my favorite and treasured collectors item. With the recent 75th anniversary December 17, 1978 of the Wright brothers first air flight at Kitty Hawk 1903, and the recent movie on TV of the Wright brothers on December 17, 1978.

I thought you would like to see it.

I lived on a farm in Chalfont, PA (Bucks County) 30 miles north of Philadelphia, and I think it was in 1928 (I was 13 years old), and while listening on our battery operated radio (I think it was a Harkness) I heard Orville Wright speak, and he said if you wrote in he would send an autographed photo of the Kitty Hawk flight. I did, and this is it, I think it was the occasion of the 25th anniversary but I'm not sure of the flight. On this radio we used to get Philadelphia, real well as every Saturday morning we would always listen to "Uncle Wip" from Gimbel's store (WIP).KDKA, Pittsburgh PA, also was a thrill to get.

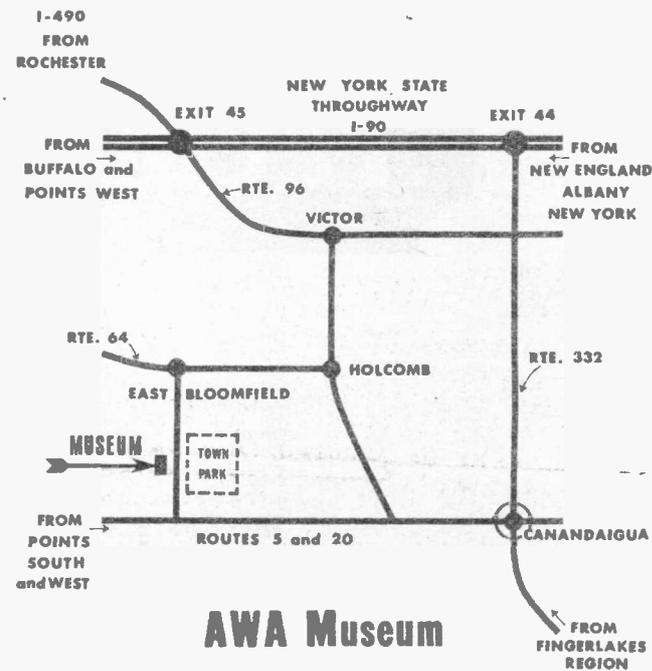
I also remember listening to the news of Charles Lindberghs landing in Paris in 1927, from Chalfont.

I enjoy your "Horn Speaker" very much, Happy New Year.

Sincerely,  
Ernest E. Mintel  
303 East Gibson St.  
Canandaigua N.Y. 14424

EDITOR.....The above letter is appreciated for its radio interest and we did not feel the illustration of the card needed to be printed in spite of its interest.

# MUSEUM NEWS



## AWA Museum



Replica of a 1925 radio store completely stocked with hundreds of parts and tubes for building one's own radio sets.



Early shipboard spark transmitters and receivers once in actual transoceanic service around the world.



Early radios, televisions and phonographs — all in actual operation. Display of old electrical "health machines".

More on page 10

# off the record

S, ROEBUCK & CO., CHICAGO, ILL. CATALOGUE NO. 117.

## PURPLE LABEL OXFORD RECORDS

**THE LOW PRICES** at which we are able to offer the Purple Label Oxford Disc Records may lead some to doubt their high quality. Many who have been accustomed to paying from 35 cents to \$1.00 each for disc records may think that perhaps the Purple Label Oxford Disc Records at only 21 cents each may not be as good as the records which they have been accustomed to buying. But this enormous reduction in the price of disc records is made possible by the fact that we handle these records on exactly the same small percentage of profit plan upon which we sell the most staple merchandise. We do not need to make a big profit on records. Our sales are so enormous, not only in this line, but in all other lines of merchandise, that we can afford to be content with an exceedingly small percentage of profit, and as a result of our ability to sell records on our regular staple merchandise small profit plan, we can offer the Purple Label Oxford Disc Records, the very highest grade disc records that can be made, at prices which have heretofore been absolutely impossible.

**THE MASTERS** from which the Purple Label Oxford Disc Records are made are produced in New York City, in one of the most completely equipped laboratories for sound reproduction, situated in the heart of the theater district, where the very best artists, the best singers, the best speakers, the best entertainers of all classes are always at hand. In making good records it is essential to employ good artists, and as there is no city in the world where there are so many good artists to be had as in New York, the laboratory for making the Oxford record masters has been located there.

**THE MATERIAL** most important consideration. The best material naturally produces the finest results, and in the making of the Purple Label Oxford Disc Records we use the very best material that it is possible to procure.

**EVERY PURPLE LABEL OXFORD DISC RECORD** that we sell is sent out with the express understanding and agreement on our part that if it does not meet with your entire approval, if it does not prove satisfactory in every way, it may be returned to us at our expense, and your money will be refunded.

No. 20K5115 Purple Label Oxford Disc Records, 7-inch, your own selection of titles. Price, per dozen, \$2.50; each, 21c

MADE ONLY IN 7-INCH SIZE

### BARITONE SOLOS WITH ORCHESTRAL ACCOMPANIMENT

- 7656 Armorer's Song (from "Robin Hood")
  - 71053 Behind the Clouds the Sun is Ever Shining
  - 71054 Heidelberg Stein Song (from the musical comedy, "The Prince of Pilsen")
  - 71650 I'm Wearing My Heart Away for You
  - 71014 In the City of Sighs and Tears
  - 7940 In the Good Old Summer Time
  - 73018 Kalamazoo is No Place for You
  - 71052 Tale of the Sea Shell, The (from the musical comedy of "The Prince of Pilsen")
  - 73029 Vacant Chair, The
  - 73030 What the Brass Band Played
- ### BARITONE SOLOS WITH PIANO ACCOMPANIMENT.
- 7378 Ain't Dat a Shame (coon song)
  - 7346 Any Old Place I Can Hang My Hat Is Home, Sweet Home to Me
  - 7872 Bill Bailey, Won't You Come Home (coon song)
  - 7563 Birds Sing Sweeter, Lad, at Home, The
  - 7689 Break the News to Mother
  - 7151 Brown October Ale (from "Robin Hood")
  - 71617 By the Sycamore Tree
  - 73033 By the Watermelon Vine (piano accompaniment)
  - 7405 Carrie Nation in Kansas (with ax effect)
  - 7701 Come Back to Erin
  - 73034 Come Take a Trip in My Airship
  - 71030 Could You Be True to Eyes of Blue If You Looked Into Eyes of Brown
  - 71057 Down Where the Wurzburger Flows Fare Thee Well, Molly Darling
  - 71190 Gambling Man, The (coon song)
  - 73036 Good Bye, Eliza Jane
  - 7381 Good Morning, Carrie
  - 7377 Go 'Way Back and Sit Down (comic)
  - 71579 Hiawatha
  - 744 Home, Sweet Home
  - 7726 I'll Come Back When the Hawthorn Blooms Again
  - 71441 I'm Thinking of You All of de While (coon love song)
  - 73037 I've Got a Feelin' for You
  - 7190 Love's Old Sweet Song
  - 7710 Minstrel Boy, The
  - 7400 My Japanese Cherry Blossom (from "Hooty Toity")
  - 71523 On a Moonlight Night
  - 7106 On a Sunday Afternoon
  - 7892 Rip Van Winkle Was a Lucky Man
  - 73076 She's Just a Little Different from the Others that I Know
  - 71519 She's My Girl (from "The Runaways")
  - 71250 Since First I Met You (from the "Sultan of Sulu")
  - 7857 Tale of a Bumble Bee, The (from "King Dede")
  - 71117 Under the Rose
  - 71574 Up in the Coconut Tree
  - 7194 Wearing of the Green
  - 7375 Wedding of the Reuben and the Maid, The
  - 7558 When You Were Sweet Sixteen
  - 7403 Where the Sweet Magnolias Bloom
  - 7700 Ye Banks and Braes o' Bonnie Doon
  - 71600 You're as Welcome as the Flowers in May
- ### TENOR SOLOS WITH PIANO ACCOMPANIMENT.
- 7221 Absence Makes the Heart Grow Fonder
  - 73074 By the Old Oak Tree
  - 7113 Good Bye, Dolly Gray
  - 737 Good Bye, Sweet Dreams, Good Bye
  - 7326 He Laid Away a Suit of Gray to Wear the Union Blue
  - 7230 Hello, Central! Give Me Heaven
  - 7324 I Can't Tell Why I Love You, But I Do
  - 7114 I'm a Philosopher (comic)
  - 753 In the House of Too Much Trouble
  - 788 Just Because She Made Dem Goo Goo Eyes (coon song)

### TENOR SOLOS WITH PIANO ACCOMPANIMENT—Continued.

- 7356 Killarney
  - 73038 Little Boy Called "Tape"
  - 75 Lost Chord, The
  - 73171 My Cozy Corner Girl
  - 7320 My Old Kentucky Home
  - 71411 Noreen Mavourneen
  - 7175 Sally in Our Alley
  - 7488 What Do You Think of O'Hoolihan? (comic two voice specialty)
  - 71525 When I Hold Your Hand in Mine
  - 758 When the Harvest Days are Over
  - 7199 Where is My Wandering Boy Tonight?
  - 7111 Who Threw the Overalls in Mistress Murphy's Chowder?
- ### YODLE SONGS. TENOR
- 7591 Hi! Lei! Hi! Lo!
  - 7706 Life in the Alps
  - 7588 Medley of Emmett's Yodles
  - 7709 Roll On, Silver Moon
  - 7586 Sleep, Baby, Sleep
  - 7589 Snyder, Does Your Mother Know You're Out?
- ### BASS SOLOS WITH PIANO ACCOMPANIMENT.
- 7157 Asleep in the Deep
  - 7433 Beyond the Gates of Paradise
  - 7432 Kathleen Mavourneen
  - 7429 My Name is Where the Heather Blooms (from "Rob Roy")
  - 7145 Sentinel Asleep, The
  - 7156 Warrior Bold, A
- ### BARITONE AND TENOR DUETS.
- 73027 Down on the Brandywine (piano accompaniment)
  - 71616 Hiawatha, Parody on
  - 73028 Hiawatha (comic German dialect song)
  - 7792 I Never Trouble Trouble Until Trouble Troubles Me
  - 7262 Just as the Sun Went Down
  - 7259 'Mid the Green Fields of Virginia
  - 7970 Under the Bamboo Tree
  - 7261 While the Leaves Came Drifting Down
  - 7790 Whoa! Bill (comic Rube duet)
- ### VOCAL TRIOS. MALE VOICES.
- 7649 Camp Meeting
  - 7652 In Front of the Old Cabin Door
  - 7653 Mocking Bird Medley, The
- ### VOCAL QUARTETTES. MALE VOICES.
- These are deservedly among the most popular of records. The songs are finely rendered, and the effect is so natural that no stretch of the imagination is required to bring the singers so strongly forward in spirit that their actual presence seems to be achieved.
- 7716 Annie Laurie
  - 7891 Barbecue in Old Kentucky, A
  - 7511 Carry Me Back to Old Virginia
  - 7890 Characteristic Negro Medley, A
  - 7449 Church Scene (from "The Old Homestead")
  - 7456 Coon Wedding in Southern Georgia
  - 7451 Dixie Land
  - 7822 Down on the Farm
  - 7455 Farmyard Medley (with farmyard howl and animal imitations)
  - 7753 I've Gwine Back to Dixie
  - 7448 My Louisiana Lou
  - 7512 My Old Kentucky Home
  - 7650 Nationality Medley
  - 7458 Night Trip to Buffalo
  - 7752 Plantation Songs, Medley of
  - 7715 Sally in Our Alley
  - 7450 Sleigh Ride Party, The
  - 7520 Soldier's Farewell
  - 73082 St. Patrick's Day at Cianey's (unaccompanied)
  - 7454 Steamboat Medley
  - 7818 Suwanee River
  - 7514 Tenting Tonight on the Old Camp Ground
  - 7521 The Old Oaken Bucket
  - 7457 Trip to the County Fair, A
  - 7714 Way Down Yonder in the Cornfield

21¢ EACH + \$2.50 PER DOZEN



### VOCAL SOLOS IN GERMAN.

- 71159 Das Haidenroeselein
  - 71168 Der Rattenfaenger
  - 7128 Deutschland, Deutschland
  - 7108 Die Wacht am Rhein
  - 7131 Ich Weiss Nicht Was Soll es Bedeuten
  - 71396 Maedchen mit dem Rothen Muedchen
  - 71123 Vater, Mutter, Schwestern, Bruder
- ### MINSTRELS.
- Each record includes overture with bones, new jokes and witty sayings, interspersed with laughter and applause, and ends with song given in the title, accompanied by the orchestra and vocal quartette.
- 7641 Coon, Coon, Coon
  - 733 Dese Bones Shall Rise Again
  - 7642 Hear Dem Bells
  - 7643 High Old Time, A
  - 7798 I've a Longing in My Heart for You, Louise
  - 7644 Laughing Song, The
  - 7805 My Old Kentucky Home
  - 7804 Old Folks at Home
  - 7645 Old Log Cabin, The
  - 7802 Tell Me

### LAUGHING SONGS

- 7105 And Then I Laughed (Rube song)
- 722 I'm Old, but I'm Awfully Tough (Rube song)
- 7210 Negro Laughing Song (an old standard)
- 7759 Tinkish Reuben (Rube song)
- 73046 When the Circus Comes Around

### SPECIAL TALKING RECORDS.

- 7833 Address by the late President McKinley at the Pan-American Exposition
- 7160 Lincoln's Speech at Gettysburg

### COMIC TALKING SELECTIONS.

- 721 Arkansas Traveler, The
- 7398 Backyard Conversation Between Two Jealous Irish Washerwomen (full of real comedy and back talk)
- 7884 "Blazing Rag" Concert Hall, The (introducing the Bouncer, the Topsy Soubrrette, the Professor and a Fight—very realistic)
- 7851 Dissertation on Love
- 7887 Dog Fight, The
- 7854 Football Match, A
- 719 Husking Bee Dance
- 735 Negro Sermon, A
- 7845 On Sweethearts
- 7847 On Trousers
- 7850 Political Meeting, A
- 73020 Reuben Haskins' Trip Through the New York Subway
- 722 Schults on the Man behind the Gun (Dutch dialect)
- 726 Schults on the Man behind the Gun (Dutch dialect)

### COMIC TALKING SELECTIONS.—Continued.

- 727 Schults' Trip to Chicago (Dutch dialect)
  - 734 Stump Speech on Love
- ### THE FAMOUS UNCLE JOSH WEATHERBY'S LAUGHING STORIES.
- 71408 Uncle Josh at a Camp Meeting
  - 71409 Uncle Josh on a Street Car
  - 788 Uncle Josh in a Department Store
  - 770 Uncle Josh's Arrival in New York
  - 771 Uncle Josh at a Baseball Game
  - 772 Uncle Josh on a Bicycle
  - 774 Uncle Josh and the Lightning Rod Agent
  - 776 Uncle Josh's Troubles in a Hotel
  - 71868 Uncle Josh and the Insurance Company
  - 71140 Uncle Josh and Aunt Nancy Smith on a Visit to New York
  - 71518 Uncle Josh on an Automobile
  - 73021 Uncle Josh on Jim Lawson's Horse Trade
- ### BAND SELECTIONS.
- 7285 America
  - 7188 American Republic March—Thiele
  - 7928 Arkansas Husking Bee, An
  - 7406 At a Georgia Camp Meeting
  - 787 Boston Commandery March (introducing "Onward, Christian Soldiers")
  - 71372 "Cavalleria Rusticana," Selections from—Mascagni
  - 7239 Coronation March (from the "Prophet")—Meyerbeer
  - 7325 Dancing in the Dark (song and dance with clogs)
  - 7354 Die Wacht am Rhein
  - 7361 Dixie
  - 71375 Down South (American sketch with clog dances—a winner)
  - 7388 El Capitan March—Souza
  - 7389 Evening Chimes in the Mountains
  - 7946 "Faust," Ballet Music from (No. 1. Tempo di Valse)
  - 785 "Faust," Soldier's Chorus from—Gounod
  - 7244 "Florodora," March from—Stuart
  - 7870 Hall to the Bride March
  - 7420 High School Cadets March—Souza
  - 7422 "Il Trovatore," Selections from
  - 7427 In the Village Tavern (song and dance with clogs)
  - 7428 Irish Airs, Medley of
  - 71587 Jack Tar March (introducing sailor hornpipe, eight bells, boatwain's whistle)
  - 7436 Jolly Cadet, The (march characteristic Liberty Bell March (with bell effect Sousa)
  - 7478 "Lohengrin," Bridal March from—Wagner
  - 7495 Love's Dreamland Waltz
  - 7507 Marching Through Georgia
  - 7509 Marriage Bells (with cornet solo)
  - 7240 Mendelssohn Wedding March
  - 779 Mosquito Parade, The ("A Jersey Review")

LIST OF NEW PURPLE LABEL OXFORD RECORDS CONTINUED ON NEXT PAGE.

**YOUR MONEY WILL BE IMMEDIATELY RETURNED TO YOU FOR ANY GOODS NOT PERFECTLY SATISFACTORY.**

199

**THE NEW PURPLE LABEL OXFORD RECORDS.—Continued.**

BAND SELECTIONS—Continued.	ORCHESTRA SELECTIONS—Continued.	INSTRUMENTAL SOLOS—Continued.	SACRED SELECTIONS—Continued.
7522 Mr. Thomas Cat (march comique—trombone imitations)	7337 Go Way Back and Sit Down	7212 Schubert's Serenade (violin solo)	7396 Lead, Kindly Light (baritone solo, organ accompaniment)
71897 Noisy Bill (characteristic march)	7607 Happy Days in Dixie (plantation medley, with clogs, shouts, etc.)	7215 Then You'll Remember Me (violin solo)	7510 Lead, Kindly Light (vocal quartette, male voices)
7537 O. Promise Me. (from "Robin Hood," with cornet solo)	7120 He Laid Away a Suit of Gray to Wear the Union Blue	71199 The Last Rose of Summer (cornet solo)	7397 Nearer, My God, to Thee (baritone solo, organ accompaniment)
71909 Paderewski's Famous Minuet	71155 Hiawatha (a summer idyl)	798 Intermezzo from "Cavalleria Rusticana" (clarinet solo)	7438 Nearer, My God, to Thee (rhymes)
783 "Foot and Peasant," Overture to—Von Suppe	7392 Hungarian Dance—Brahms	7140 I'll Follow Thee—Bolero (flute solo)	7518 Nearer, My God, to Thee (vocal quartette, male voices)
7549 Scotch Airs, Medley of	7409 Husking Bee	7404 A Rag Time Skeddadle (piccolo solo)	73022 Ninety and Nine (organ accompaniment, tenor solo)
7555 Star Spangled Banner	71548 In Cheyenne Joe's Cowboy Tavern	7292 Coon Songs (banjo solo)	7394 "Onward, Christian Soldiers" and "Old Hundred" (with organ, orchestra)
7972 Stradella Overture—Flotow	7242 Jolly Coppermith (descriptive, with anvil effect and vocal chorus)	7465 Creole Belles (banjo solo)	7664 The Twenty-third Psalm and the Lord's Prayer (talking selection)
782 Tell Me, Pretty Maiden (from "Flordora")	7616 Kentucky Jubilee Singers (plantation medley, with clogs, shouts, etc.)	7463 "When Mr. Shakespeare Comes to Town" and "Go Way Back and Sit Down" (banjo solo)	MISCELLANEOUS SELECTIONS.
7678 Thunderer March	7618 La Serenata Waltz (with castanets)	7640 Bugle Calls of the United States Army (bugle)	7637 Over the Waves Waltz (Vienna orchestra)
7564 Till We Meet Again Waltz	71571 Laughing Water—F. W. Hager	7638 Bugle Calls of the Rough Riders in Their Charge Up San Juan Hill (bugle)	7894 Tales from the Vienna Woods Waltz (Vienna orchestra)
7674 Turkish Patrol, The	71043 Medley March (from the musical comedy, "The Prince of Hohen, introducing "The Tale of the Sea Shell" and "The Stein Song")	SACRED SELECTIONS.	73025 Dance of the Lighthouse Buns (piano accompaniment, orchestra bells)
ORCHESTRA SELECTIONS.	7243 Night Alarm	7146 Calvary (baritone solo)	71821 Pretty as a Butterfly (orchestra accompaniment, orchestra bells)
71186 "Broadway Hits," Medley March	7621 On the Midway (descriptive, introducing the fairs and theatre)	7846 For All Eternity (tenor solo, violin accompaniment)	71184 Oh, That We Two Were Maying (contralto and baritone duet)
7592 Bugler's Dream, The	71111 Spring Blossoms (picric gavotte)	7447 The Holy City (with voice and organ, chimes)	7211 The Whistling Oon (the old favorite, song with whistling chorus)
7595 Circus Gallop	7629 Stars and Stripes Forever March—Sousa	7149 The Holy City (baritone solo)	7660 Clever Imitations of Well Known Actors (vaudeville)
7330 Creole Bella (with violin)—J. B. Lampe	71659 Uncle Sammy (march and two step)	7453 Hymns and Prayer from the Funeral Service Over President McKinley (vocal quartette, male voices)	71108 Uncle Jefferson (negro shout)
7596 Dancing in the Kitchen (song and dance with clogs)	71679 Winona Two Step	7195 I Heard the Voice of Jesus Say (baritone solo)	7108 Uncle Jefferson (negro shout)
7600 Darcy Tickle (plantation medley, with clogs, shouts, etc.)	INSTRUMENTAL SOLOS.	73023 Jesus, Lover of My Soul (organ accompaniment, tenor solo)	
71431 Dixieland March (introducing "Dixie" and "Old Black Joe")	7218 El Misterre (from "Il Trovatore," violin solo)		
7602 Down on the Swanee River	7217 Waltz from "Faust"—Gounod (violin solo)		
7263 Echoes of the Forest (descriptive, with bird effects)			
7233 Espanita Waltz			
7247 Forge in the Forest, The (descriptive, with cock crow, anvil, etc.)			

No. 20K5115 Purple Label Oxford Disc Records, seven inch. Your own selection of subjects from the list of this and preceding pages. Price, per dozen, \$2.50; each 21c

**Flower Horns.**

**\$1.20**



These new floral design or flower horns are the handsomest and most ornamental horns made for talking machines. In shape and design they are like an immense morning glory, and they are beautifully finished with a special enamel, either in black or in colors, with gold stripes or fancy decorations inside. This finish is baked on and is absolutely permanent and durable. These horns are made by a new process in such a way that all strain comes on the ribs, which are made of four thicknesses of metal, giving them great strength. The acoustic properties are unexcelled, giving full, rich, soft tones of great volume and clearness. One size only, 31 inches long, with 2 1/4-inch bell.

**Hand Decorated Flower Horns.**

**\$2.00**



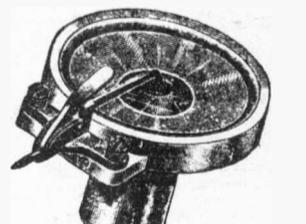
These new Flower Horns are the most beautiful horns made, decorated by expert artists with beautiful designs, chrysanthemums, white roses, pansies, pink roses, wild roses, etc.; the body of the horn finished in black, maroon or blue.

No. 20K5150 Flower Horn, black, with gold stripes. Price, \$1.20  
 No. 20K5151 Flower Horn, maroon, with gold stripes. Price, \$1.30  
 No. 20K5152 Flower Horn, blue, with gold stripes. Price, \$1.30  
 No. 20K5153 Flower Horn, black, decorated inside. Price, \$1.50  
 No. 20K5154 Flower Horn, maroon, decorated inside. Price, \$1.60  
 No. 20K5155 Flower Horn, blue, decorated inside. Price, \$1.60  
 Shipping weight, 25 pounds.

The tone qualities of the flower horns are superior to all other horns. The great diameter of the horn in proportion to its length gives a richness of tone produced by no other style of horn. While these horns are more ornamental than any other horns, more beautiful in appearance, and for this reason alone very desirable, their greatest value lies in the improved reproduction, the increase in musical qualities and naturalness of tone.

No. 20K5165 Black Flower Horn, decorated with chrysanthemums. Price, \$2.00  
 No. 20K5166 Black Flower Horn, decorated with white roses. Price, \$2.00  
 No. 20K5167 Maroon Flower Horn, decorated with pansies. Price, \$2.25  
 No. 20K5168 Maroon Flower Horn, decorated with white roses. Price, \$2.25  
 No. 20K5169 Blue Flower Horn, decorated with pink roses. Price, \$2.25  
 No. 20K5170 Blue Flower Horn, decorated with white roses. Price, \$2.25  
 Shipping weight, 25 pounds.

**The Latest Columbia \$5.00 Analyzing Reproducer or Sound Box for \$2.00 (in exchange).**



This Reproducer or Sound Box for disc talking machines, is the very latest production of the Columbia Phonograph Company. It is made with the reproducer bar pivoted on delicate points, practically eliminating all friction. This new form of construction enables the reproducer to reveal tones heretofore entirely indistinguishable. It greatly increases the volume of sound and enriches the quality. The New Automatic Needle Holder with which this reproducer is equipped constitutes one of its very great advantages. The needle is inserted or removed simply by pressing a little lever, as shown in the illustration, doing away entirely with the old fashioned screw, which was not only a nuisance to use, but was frequently lost, thus rendering the graphophone useless for the time being.

No. 20K5226 Columbia Analyzing Reproducer, or Sound Box for disc talking machines, latest style, just as described above. Price, \$5.00  
 \$5.00 is the very lowest price we can make on this instrument, when sold in the regular way, but if you wish to send us your old sound box and \$3.00 in cash we will send you the new reproducer, exactly as described above, thus putting you in possession of the very latest, most up to date sound box for only \$2.00 in cash.

**Folding Horn Stand.**

No. 20K5180  
 Folding Horn Stand, fully nickel plated, strongly made, and adapted to carry any size horn up to 42 inches. Price, \$60c



**Horn Connections.**

No. 20K5365 Rubber Hose, large size, for connecting large horns to any style talking machine. Price, per foot, \$1.00  
 No. 20K5371 Rubber Connection, for attaching large horns to any cylinder record machine. Price, \$1.50  
 No. 20K5372 Rubber Connection, L shaped, for connecting large horns to any disc machine. Price, \$1.50

We can furnish repair parts for any Columbia Graphophone or Harvard Talking Machine, but you must send us the broken or worn out part as a sample when ordering, except on items listed above. Put your name and address plainly on the package when you send us samples.

**The Thompson Modifier.**

THE THOMPSON MODIFIER



No. 20K5375 This instrument softens the tone, eliminates the metallic sound, takes all the scratch out, and makes the reproduction as soft, smooth and harmonious as the original. Modern disc records are frequently so true to the original, reproducing the sound practically in all its original volume that they are too loud to be pleasant in small rooms, and this Thompson Modifier inserted in the horn of the machine softens the sound, making it pleasant and agreeable even in the smallest of rooms. The Thompson Modifier is strongly and substantially made of brass, nickel plated, fitted with rubber at points where it touches the horn, and instantly put into place or as quickly removed.

There is no talking machine included with this modifier. It is simply an attachment to put into the horn of your own machine. Price, \$75c

**The New \$5.00 Columbia D Reproducer for \$3.00 (in exchange).**



This is the latest improved Columbia D Reproducer, the same as now furnished with the AT and AO graphophones. It is made with practically indestructible, built up mica diaphragm, all metal parts of aluminum and the best tool steel, and is 1 1/4 inches in diameter. In volume, sweetness and naturalness of tone, it is a source of astonishment and delight to all who hear it.

No. 20K5225 Latest Columbia D Reproducer. Price, \$5.00  
 The regular price is \$5.00, but if you will send us your old reproducer and \$3.00 in cash we will forward the new style D reproducer, just as described above. Remember, your old reproducer, no matter what style and no matter how old it is, and \$3.00 in cash will put you in possession of one of these new, up to date, \$5.00 reproducers.

**Miscellaneous.**

No. 20K5250 Recorder, for Q, QQ, QQ, Q Special or our Special Home Graphophone. Price, \$2.50  
 No. 20K5252 Recorder, for BX, AT, AO, Harvard Senior, or Gem Graphophone. Price, \$5.00  
 No. 20K5254 Reproducer, for Q, QQ, QQ, Q Special, or our Special Home Graphophone. Price, \$2.50  
 No. 20K5260 Diaphragm Glasses, best French glass, for recorders and old style reproducers, 1 1/2-1 3/4 inches diameter. Price, per dozen, 30c; each, 4c  
 No. 20K5262 Mica Diaphragms, for D reproducers only, best quality, built up. Price, each, 19c  
 No. 20K5264 Mica Diaphragms, for sound boxes of any style Disc Graphophone. Price, each, 10c  
 No. 20K5266 Rubber Gaskets, for reproducers or recorders. Price, per set of three, ordinary size, 5c  
 Per set of two, for large D reproducer, 4c  
 No. 20K5270 Reproducer Ball, made of Brazilian pebble, but sold by many dealers as sapphire. Price, each, 20c  
 No. 20K5272 Reproducer Ball, made of genuine sapphire, highest grade. Price, each, 75c  
 No. 20K5275 Governor Springs, for types Q, QQ, QQ, BX, AB, Q special, Harvard Jr. and Sr. and our Special Home Graphophones. Price, \$1.00  
 No. 20K5278 Governor Springs, for types AK, AJ, AH, AR, AY, BH, BI, BD and Harvard Disc Talking Machines. Price, \$1.50  
 No. 20K5280 Governor Spring, for types AT, AO, AZ, AW, BK, BE, BF, BG. Price, each, 15c  
 No. 20K5285 Recorder Points, made of Brazilian pebble, but often sold as sapphire. Price, each, in setting, flat edge, 52c  
 Price, ea., in setting, cupped edge, 60c  
 No. 20K5290 Main Spring, single, for Q, QQ, QQ, BX, AB and our special Home Graphophones. Price, each, 18c  
 No. 20K5292 Main Spring, for Oxford or Harvard No. 5. Price, each, 60c  
 State kind of Graphophone for which spring is wanted.

No. 20K5294 Main Spring, single, for Columbia Machines, types AT, AK, AJ, AH, BH, BI, and all Harvard Disc Talking Machines. Price, each, 45c  
 No. 20K5300 10-inch Turn Tables to fit any Columbia Disc Machine. Price, each, \$1.75  
 No. 20K5302 Speaking Tube, for use in record making, mohair covered, with spiral spring, lining and hard rubber mouthpiece; 22 inches long. Price, 75c  
 No. 20K5304 Camel's Hair Brushes, 1 1/4 inches wide, for dusting records. Price, each, 15c  
 No. 20K5306 Blank Cylinders, for record making. Standard size, same as P or XP records. Price, each, 15c

**Standard Needles.**

1,000 for 35 Cents.

No. 20K5350 These Needles, for disc talking machines of any make, are made from cold drawn, oil tempered steel wire, and guaranteed to be the finest needles manufactured.

Price, per 100 (put up in envelopes of 100 each), 40c  
 If by mail, postage extra, 2 cents.  
 Price, per 1,000 (put up in boxes of 1,000 each), 350c  
 If by mail, postage extra, 8 cents.

**Soft Tone Needles.**

500 for 25 Cents.

No. 20K5355 These Soft Tone Needles are noted for the soft, sweet and natural tone which they produce, making them particularly suitable for use in small rooms, where the standard needle reproduces the record too loudly. Put up only in packages of 500.

Price, per package (500 needles) 25c  
 If by mail, postage extra, 4 cents.

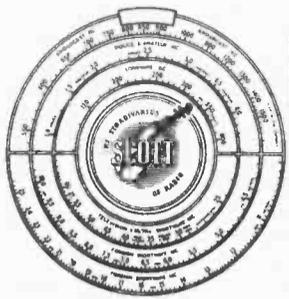
**Spear Point or Double Tone Needles.**

250 for 25 Cents.

No. 20K5360 These new Spear Point Needles are particularly desirable, as the tone and volume of sound can be varied at will, giving either a soft or loud reproduction. With this needle the high notes are brought out with a sweet melody not obtainable with any other needle. Put up only in packages of 250.

Price, per package, 25c  
 If by mail, postage extra, 3 cents.





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## ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER

### APPRAISAL

THE APPRAISAL OF ANTIQUE RADIOS is more than a price guide. This book contains an explanation of the classification of antique radio receivers and the factors which contribute to their value. ORDER YOUR COPY TODAY!

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BY JWF PUETT

PUETT ELECTRONICS  
PUBLISHERS OF P.O. BOX 28572 DALLAS TEXAS 75228  
ANTIQUE RADIO TOPICS &  
THE CLASSIC RADIO NEWSLETTER

IT'S NEW *radio ideas*

### \$4.95 POSTPAID





# The ERLA DE LUXE

**Circuit:** Tuned Radio Frequency, licensed under the U. S. Navy Patents and incorporating the Erla Balloon Circloid principle of radio frequency amplification. Two stages of radio frequency, detector and two stages of audio frequency amplification.

**Batteries:** Storage "A" batteries and dry cell "B" and "C" batteries.

**Size of Cabinet:** 10½" high, 21" wide and 12" deep.

**Tubes:** Five 5-volt amplifier tubes.

**Panel:** Slant front panel is etched bronze on antique background.

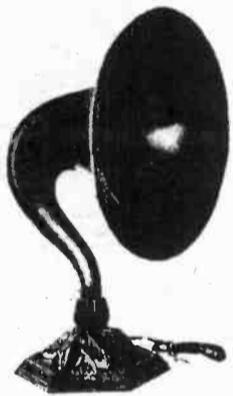
**Dials:** Genuine bakelite, indicator type.

**Parts:** All parts are Erla precision make.

**Aerial:** Indoor or outdoor.

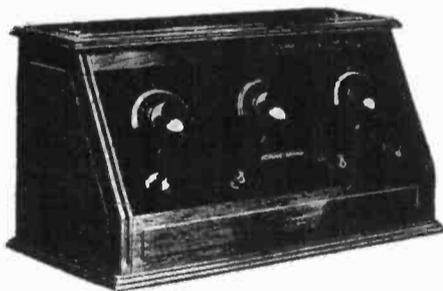
Price, \$77.50  
West of Rocky Mountains \$82.00

1925

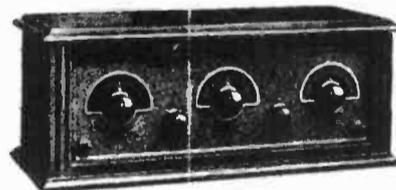


Stewart-Warner Reproducer  
Model 400—Price, \$25.00  
Model 405, \$19.50

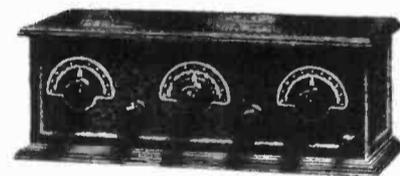
Built and  
Guaranteed  
by  
Stewart-  
Warner



Stewart-Warner  
Table Cabinet Radio  
Model 305  
Price, \$95.00 (without accessories)



Stewart-Warner  
Table Cabinet Radio  
Model 325  
Price, \$80.00 (without accessories)



Stewart-Warner  
Table Cabinet Radio  
Model 300  
Price, \$65.00 (without accessories)



Stewart-Warner Radio Tube  
Model S. W. 501-A—Price, \$2.50

Licensed Under  
U. S. Navy  
Patents.  
5 Tube Circuit

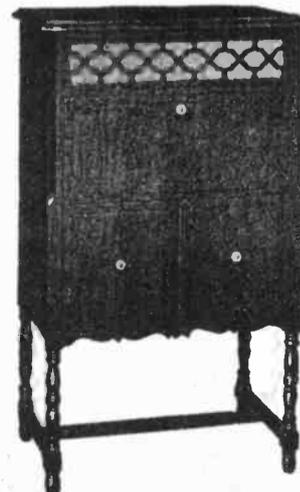
Console Models have built-in  
Reproducers and storage  
space for batteries.



Stewart-Warner Console Table  
Model 410—Price, \$65.00  
Built-in Reproducer, and storage space  
for all batteries, but without instrument.



Stewart-Warner Console Radio  
Model 315  
Price \$285.00 (without accessories)

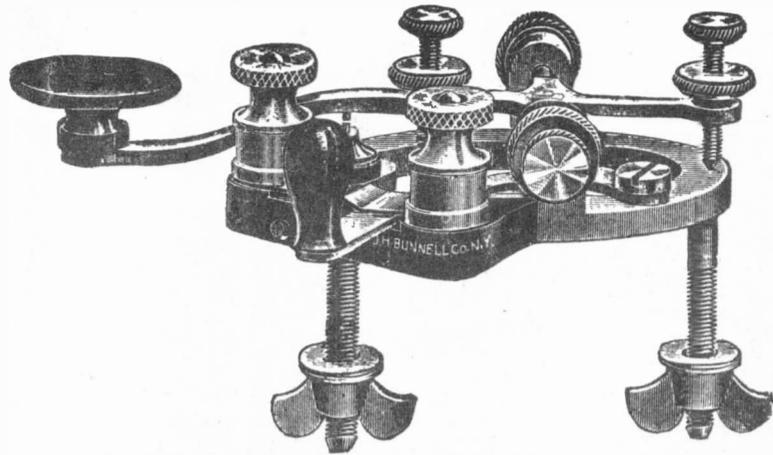


Stewart-Warner Console Radio  
Model 310  
Price, \$175.00 (without accessories)



Stewart-Warner Highboy Radio  
Model 320  
Price, \$450.00 (without accessories)

Prices Slightly Higher West of the Rockies



-Voltaplex key as used in the voltaplex system of duplex telegraphy. The voltaplex is a system of duplex telegraphy of the superposed type; that is, a wire provided with ordinary Morse instruments is also equipped with the voltaplex instruments, and as neither system interferes with the other, they may be used as independently as if wired separately. As there is no artificial line, as in other duplex systems, no balancing is required for changing conditions on the line. No expert knowledge is required, for this system and operators of average ability are able to take care of it after it has been installed. The system is, therefore, especially adapted to situations where it is impractical to employ men trained in wire work.

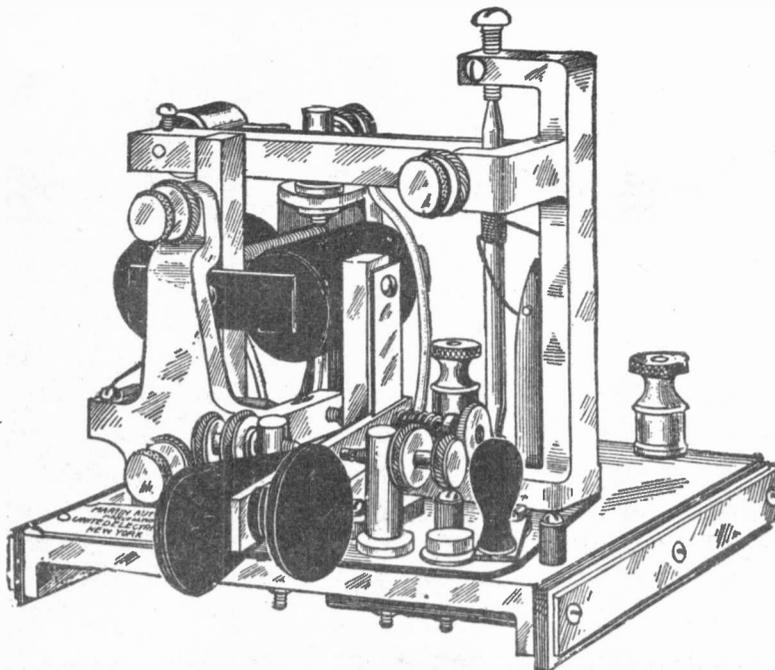


Fig. 3.077.—Bunnell autoplex or semi-automatic transmitter. This apparatus is for automatically making dots, so as to enable operators to transmit Morse characters without the excessive strain necessary for such transmission with ordinary key. It is a simple instrument, and has a highly polished base, upon which is placed the dotting mechanism and the binding posts for main and local batteries. Its speed can be adjusted from 10 to 90 or more words per minute. Explicit directions for use accompany each instrument.

**Hawkins  
Electrical  
Guide**

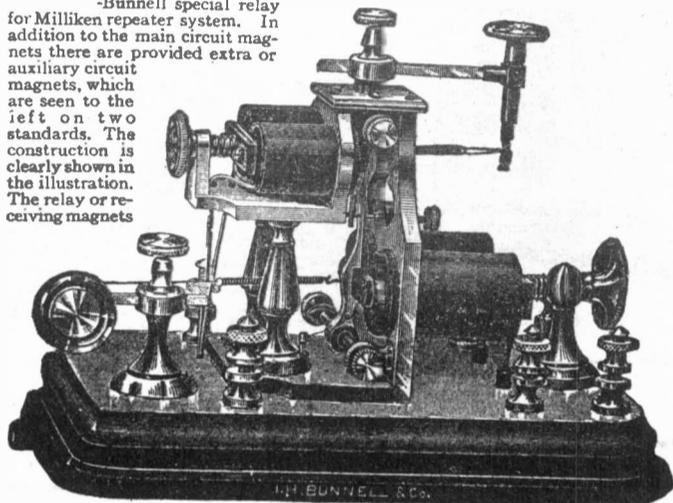
Number  
8

Theo  
Audel & Co.  
New York

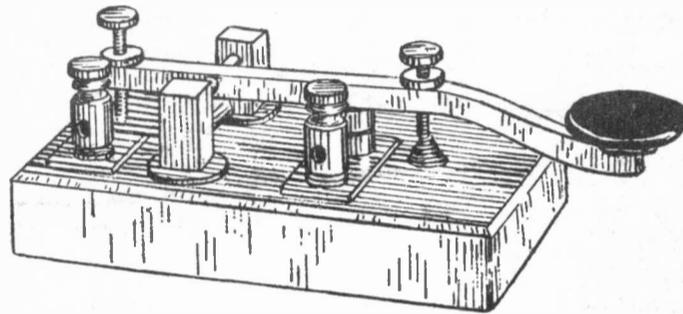
1917

pages,  
2201-  
2338

-Bunnell special relay for Milliken repeater system. In addition to the main circuit magnets there are provided extra or auxiliary circuit magnets, which are seen to the left on two standards. The construction is clearly shown in the illustration. The relay or receiving magnets



are in the main circuit which connects the battery and ground through the repeating contact points of the opposite sounder. The local sounder magnets are operated by the relay magnets.



-Central Scientific Co., "Boston" pattern wireless key. In construction, all metal parts except the steel pins of the center bearings are of solid brass. The key is mounted on a polished marble base 3 1/2" x 6". As shown, the current from the lever is not conducted through the bearings but is carried by a heavy conductor direct to the binding post base. Current capacity of key, 10 to 50 amperes.

**50 YEAR OLD FLAME PROOF KEY  
TYPE J-7-A**

Gov't Order No. 141082 Dated 1921



Beautiful heavy duty construction, in new working condition. For the collector, antique buff and antique gear museums. An unusual conversation piece, curio, desk weight and gift.

In 1966 the U.S. Navy closed the hugh Brooklyn Navy Yard and the City of New York purchased the property. The J7A Keys were discovered in a warehouse where they had been stored for the past 50 years.

New boxes have been provided.

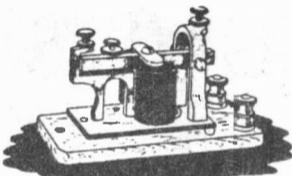
Both keys are of heavy duty construction with a large Navy type knob. The keying arm and dome are brass... the contacts are 1/4 inch coin silver. The J7A is 2 1/2 x 5 1/2 inches and the J5A is 2 1/2 x 3 1/2 inches in size. The BULB, or Lamp is NOT supplied with the J7A.

A RARE FIND!  
ORDER TODAY! **1995** ppa

The J5A was made for the Signal Corps in 1941, and is the same type of Key except for the Dome housing the neon bulb. A real memento of WWII. Supply is somewhat limited... buy today!



**1995** ppd



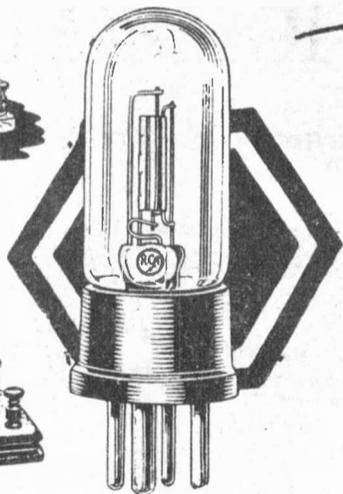
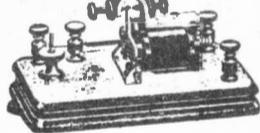
SOUNDERS

RELAYS

\$40.00

KEYS

\$21.



CeCo Type E (120)

THIS TUBE IS ONLY FOR THE LAST STAGE OF AUDIO AMPLIFICATION.

ALL TUBES ARE IN THEIR ORIG. UNOPENED CARTONS.

**\$5.00** EACH  
**5 FOR \$20.00**  
POSTPAID

- 752 NATIONAL Union RADIO SERVICE MANUAL, VOL II, large, heavy binder, 770 pages \$15.00
- 753 1932 OFFICIAL RADIO SERVICE MANUAL, VOL2,, Official directory of commercial radio receivers, full radio service guide, a Gernsback publication \$25.00
- 754 1933, same as above, but Vol 3, \$25.00, or both volumes for \$40.00
- 755 MALLORY YANLEY radio service Encyclopedia, 3rd edition, and supplemental Technical Service. 1939 and 1940 issues, in notebook, \$12.00
- 756 MYE TECHNICAL MANUAL (P.R.MALLORY & CO) 1942, hard cover book, large, 407 pages \$10.00
- 757 RADOART Advanced Servicing of Auto Radio. 1936, good info, \$8.00
- 758 RADIART, 1935, the theory, design and servicing of Automobile Radios, \$8.00

**WALTS EMPORIUM**

909 N.E. 11th. GRAND PRAIRIE, TEXAS 75050  
MAIL ORDER ONLY AFTER 6PM 214-262-7855  
PLEASE ALLOW TWO WEEKS FOR DELIVERY



**\$6.00**  
PPD.

**The UKO  
TEST-METER**

The UKO Test-Meter makes it possible for you to test your own 1 1/2-90 volt Radio A-B Battery. Simple directions tell you how to test the A and B Sections of your battery. See for yourself if it needs replacement. No use discarding a live battery. Save time and money with a UKO Test-Meter.

E. W. EHMANN CO.  
Box 123  
GENEVA, ILLINOIS

Shipped  
prepaid  
NEW!  
BEAUTIFUL  
CHROME

**DIRECTIONS  
FOR TESTING A-B BATTERY**

Remove the radio plug from your battery and in its place insert the adapter plug supplied with meter. To test the A section of your battery insert the 2-prong terminal into the adapter plug. If the needle moves to 1.0 or higher on the bottom scale your battery is still good. To test B section insert the 3-prong terminal. If the needle moves to 75 or higher on the top scale your battery is still good. If the pointer fails to reach 1.0 or 75, a new battery will improve your radio reception.

SAVE! With the UKO Test-Meter there is no way in which you can harm your radio, your battery, or the Test-Meter.

# on the air

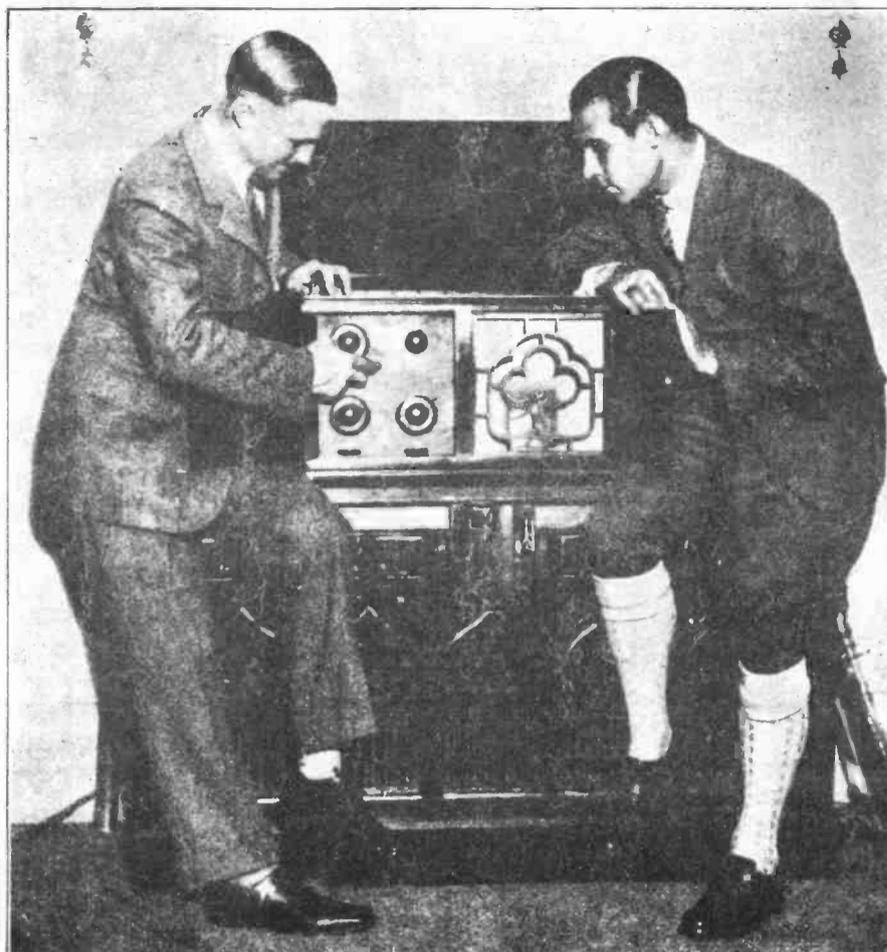
## \$72,000 FOR FIFTEEN MINUTES

In March, 1930, Will signed a contract for fourteen radio talks of fifteen-minute duration and was paid \$72,000. Some protested that the sum of about \$350 a minute was far too much and that Rogers couldn't possibly be worth that much.

The editors of *World's Work* printed a defense of Will's receiving this vast salary, and pointed out that Rogers' stories were all spontaneous and without prolog. The editors wrote:

"All this is to the good. But there is something more than this about Will Rogers. His chief interest is not in the affairs of foreign potentates, but in the manners and customs of the great American public. Here it seems to be his mission, under the guise of genial raillery, to tell us the hard, blunt truths about ourselves—truths about our politics, our civic standards, and our social habits. They are the sort of truths we do not always like to hear, but we will take them with a contagious chuckle and a piece of chewing gum.

WILL ROGERS by P.J. O'Brien, 1935, p. 92



P. & A. Photo

### EVEN "THE SHEIK" A RADIO FAN

Rudolph Valentino, a favorite with thousands of movie fans he never sees, is himself one of the great invisible audience which listens nightly to radio programs. He started by making a crystal set and has worked his way up to the most complicated hookups. Here he is shown with Alfred Grebe, the radio engineer, testing a new 5-tube set designed by the inventor for Valentino.



International News Photos, Inc.

Shirley Temple, the popular child star, and Will Rogers were great pals.

### A Foreign Radio Record

An amateur in the Pyrenees district of France claims a record for the reception of American broadcasting. With only two tubes he receives nightly the American stations WGY, on 105 meters, and KDKA—both on the loud speaker. He has also to his credit over 500 American amateur stations.



### AND ANOTHER REDSKIN BIT THE DUST!

It takes considerable imagination to convey realism by radio waves. Here is a "terrible" fight scene from "Pierre of the Plains" as produced from WGY. "Jap" Durkin has fired from ambush at Pierre, who feigns death and falls in the "dead leaves" which carpet the forest floor. When Durkin approaches, Pierre grapples with him and "slays him with his bare hands." Pierre then escapes on his trusty steed. Edward St. Louis, the player at the left, fires the shot; Edward Smith as Pierre is stifling the cries of Frank Oliver, alias Durkin, who is knee deep in onion-skin paper. A microphone on the floor picks up the sound of the struggle and the young woman at the piano depicts the clattering of the horse's hoofs. Quite exciting, eh?



Old time amateur wireless station W2AN in actual operation, manned by visiting members of the Antique Wireless Assn.

#### RADIO BARN

I have just completed the insulation and mahogany paneling of a 12 ft. by 24 ft. "barn" for display of some of my more interesting wireless and radio sets, with abundant shelving along each 24 ft. long side, plus an electronics repair bench in the middle of the 12 ft. wide rear wall. In addition, a large number of AC outlets (to power battery eliminators) also are available to power a generous number of console battery sets that free stand in the "middle of the floor" between the two rows of shelving. A complete set of Ryder's manuals, vinyl "parquetry wood floor" tiles, and possibly even a genuine old Persian rug should "complete this first barn". I refer to this as my first radio barn since obviously in the future there will be a need for additional display of other wireless and radio sets already in my possession. Unfortunately my duties at The University of Texas at Austin and other activities have greatly restricted the time available for me to pursue my interest in old radios (only on weekends, and not even each weekend), hence the construction of this radio barn has taken entirely too much time (in calendar months) than I would have preferred, but I would rather do it "right" and be pleased with it in the future rather than to regret later on that I did not do as good a job as I could have done. An intruder detection system with attached surprises has been installed. Other security measures also exist.

Leonardt F. Kreisle  
3207 Meredith Street  
Austin TX 78703

#### EARLY CROSLEY RADIOS

For the Crosley enthusiast, there is a new reprint of a Crosley catalog which contains some pictures of radios that are now rare. For instant the book starts with a model XKV, next a XX, then a XV, on to a XII, a X, a VIII, a VIII portable a I, experimental units that have tubes peeking out of the cabinet and almost ends with the 12 inch Magfon.

If interested, write to: Vestal Press, P.O. Box 97, Vestal N.Y. 13850.

## club news

FROM ONTARIO CANADA TO TEXAS U.S.A.  
VIA

#### THE HORN SPEAKER

Your publisher, Jim Cranshaw, tells me, you the readers of THE HORN SPEAKER, would like to know more about the Canadian Vintage Radio Association, and me.

Why, is a good question, but maybe it would make a good movie, ha.

The Association was formed in 1970, by a group of fellows, who had the same idea as all of you and that is to provide a meeting ground and a means of communication in the history and technology of the early days of vintage radio.

I retire at the same time, after 47 years with the Toronto Hydro Electric System, and the forming of the C.V.W.A. could not have happened at a better time, as since 1920, my hobby has been radio, from building xtal sets to one tubers to a 3 tube (W.D.JI's) and using home made honeycomb coils, then on to bigger and better sets as an S.W.L., also have enjoyed sound, via records and tapes and still do.

At the time of organizing the C.V.W.A. I was asked to take on the job of treasurer, and acted as asst. secretary which lasted 6 years.

Sometime during my term of treasurer, I started my "GOLD DUST" column and this has been a real pleasure.

One article in the Gold Dust spot, was the story of a dreamer, "Close Encounter of the First Kind" which I was happy to dream up as I had several letters from dreamers like me, that believed it up to the last paragraph.

To those who missed it, it dealt with me in this case that found in an old farm house attic goodies galore, viz: breadboards, Radiola IIIA, horn speakers, peanut tubes, WD11s and 12s, xtal sets etc. etc., only to wake up and end my close encounter, but I guess it could happen.

Next fall will be my fifth year to attend the A.W.A. conference and enjoyed every one.

The C.V.W.A. is a going concern, with a bright future if the demon inflation does not ruin us, and our issue of the "Cats Whisker" by our Dorian Challoner, publisher is something we are mighty proud of.

Our meetings about 4 or 5 a year, are an enjoyable Saturday afternoon.

What more can I say, I have a hobby that keeps my retired life interesting, along with chasing girls, but at my age I forget why I chase them.

So thanks Jim and gang for

reading this, and may we all continue to make our hobby one of the most interesting and historical.

HAPPY HUNTING

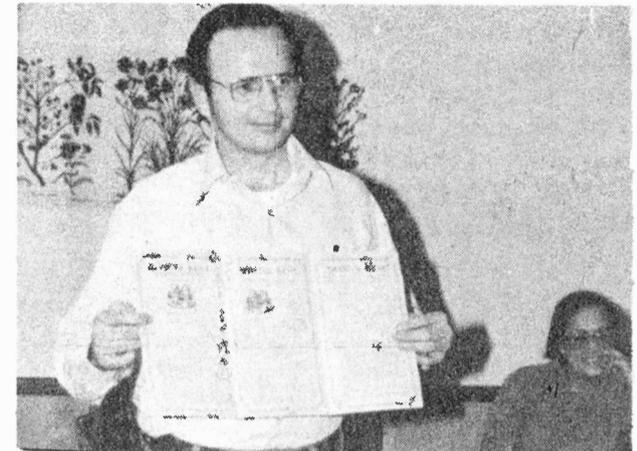
73

Sid Prior

102 Parkhurst Blvd.

Toronto, Ontario

Canada M4G 2E6



An Atwater Kent "Instruction Sheet" supplied by the Canadian Vintage Radio Association is held by George Potter, radio collector, while Kathy Thompson watches.

#### ANTIQUÉ WIRELESS ASSOCIATION

Enclose find information about AWA....of the total membership of over 2000....I would say that at least 1400 are collectors! Membership is world-wide with members in all continents except Africa.

Collectors are invited to join. Dues are only \$5. a year. The Association has many "meets" during the year. There will be four this coming spring:

April 7 Charlotte, N. Carolina

April 21 Auburn, Indiana

May 5 Los Gatos, California

May 12 East Bloomfield, New York.

Several others are planned in different parts of the country in the summer and this coming fall.

Bruce Kelley, Director  
Antique Wireless Association, Inc.  
Holcomb, New York 14469

#### VINTAGE RADIO AND PHONOGRAPH SOCIETY

Only news coming out of the Dallas club right now is that the convention will be close to September 1979. The March edition should have the exact place and time.



Glen Zook, president of the Vintage Radio and Phonograph Society smiles at the members, while George Potter, secretary, to the right, also smiles.

**HOUSTON VINTAGE RADIO ASSOCIATION**

H.V.R.A. had 30 members present at its second meeting. The club has already published a newsletter called the Houston Vintage Radio News. The association was just formed in December 1978.

The club has already had an auction and a slide and cassette program of the Antique Wireless Association by George Maczali. Frank Cooper and Fenton Wood, active collectors are working on some "finds" in the area.



Collection of Don Cooke and Bob Sheldlarz, both of Navarre

I am writing to inform you and your readers in THE HORN SPEAKER, about the upcoming antique radio and phonograph display that will be sponsored by the local historical society of which I am a member and co-chairman of this display.

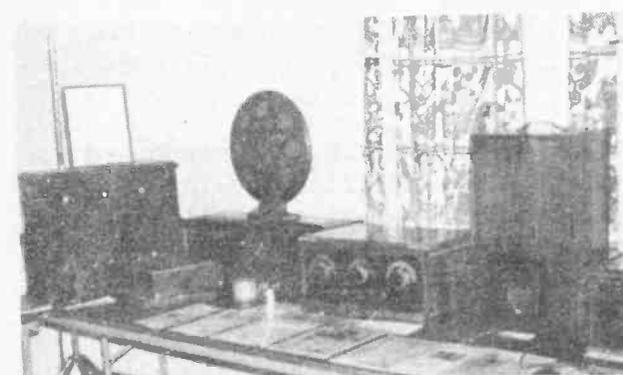
This will be about the fifth year we have held this display which is open to the public, to view or exhibit any old-time radios or phonographs that they may have.

We are always most interested in hearing from anyone that may want to come to view our display or to display their collection.

Anyone that is interested the show is to be held on March 10-11, 1979 all day each day, at the Navarre Civic Center corner of Canal Street and Rt. 62, Navarre, Ohio 44662

Anyone wishing more information can write or phone me at the following address.

Thank you  
 Jeff Kraus  
 421 Columbia St.  
 Navarre, Ohio 44662  
 (216) 879-5083



Collection of J. Kraus of Navarre, Ohio

**NORMAN CORWIN TO SPEAK**  
 Famed radio playwright Norman Corwin was the featured speaker at the Saturday, February 10 meeting of the Society to Preserve and Encourage Radio Drama, Variety and Comedy (SPERDVAC).

The meeting was scheduled for 12 noon in room 214 of the Speech-Drama building on the campus of California State University, Northridge, 18111 Nordhoff Street. The public was invited and there was no admission charge.

Corwin began his career as a journalist in Boston, joining the CBS radio network in 1938. Among his initial triumphs were a series

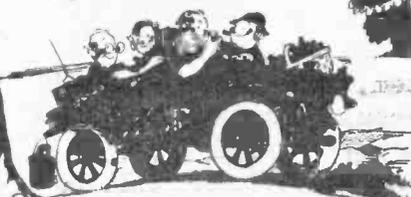
entitled Words Without Music, which included Corwin's classic "Plot To Overthrow Christmas" and his famed assault on the growing menace of Fascism, "They Fly Through The Air With The Greatest Of Ease."

Other acclaimed radio plays by Corwin followed, including a humorous verse play, "The Undecided Molecule," with Vincent Price, Robert Benchley and Groucho Marx. In 1941 an emotional and patriotic paean to the Bill of Rights, "We Hold These Truths," was broadcast on all of the radio networks.

"Truths", preserved as real 42 in the SPERDVAC Archives Library, featured a galaxy of stars, including Orson Welles, Jimmy Stewart, Edward G. Robinson and Rudy Vallee, as well as a message from President Franklin D.

**RADIO ADVENTURE!**

FOLLOW THE ROAD TO OLD-TIME RADIO DAYS. ENJOY YESTERYEAR, AND DISCOVER THE NEW HOBBY OF RADIO COLLECTING.



**A FLICK OF THE SWITCH, 1930-50:** Fun picture reference of home, military, Ham, professional radio-TV, 312 pages. \$10.95 hard-cover, \$8.95 soft.

**VINTAGE RADIO, 1887-1929:** Pictorial story of pioneer days, 1,000 photos, 263 pages. \$10.95 hard-cover, \$8.95 soft.

**RADIO COLLECTOR'S GUIDE, 1921-32:** Data book with 50,000 facts on 9,000 models by 1,100 makers, 264 pages, \$6.95.

**RADIO ENCYCLOPEDIA:** Gernsback's 1927 classic beautifully re-created, 175 pages. \$14.95 hard-cover, \$10.95 soft.

**FROM SEMAPHORE TO SATELLITE:** A beautiful show-piece covering communications history. Printed in Europe. 343 pages, \$19.75.

**CIRCUIT DIAGRAMS** for any pre-1951 radio, just \$3.50. Send model number.


**IDEAL GIFTS**      **WE PAY POSTAGE**

SEND TODAY to Vintage Radio, Dept. D Box 2045, Palos Verdes, Ca. 90274. We pay postage. Calif. residents add 6%.

\_\_\_\_\_ \$  
 \_\_\_\_\_ \$  
 \_\_\_\_\_ \$  
 \_\_\_\_\_ \$  
**TOTAL \$** \_\_\_\_\_

Name \_\_\_\_\_  
 Street \_\_\_\_\_  
 City \_\_\_\_\_ St. \_\_\_\_\_ Zip \_\_\_\_\_  
**\$62.55 5-BOOK SET - ONLY \$54.55**

**Special-Save \$8!**



# For Sale

W. & S. STREETER

**PROFESSIONAL REPRODUCTIONS**

**DeForest LOOP ANTENNA**

Beautifully prefinished and assembled with over 100 machined brass fittings and Bakelite parts, with a DeForest decal. Fits all D-7, 7A, 10, 12, and 17 sets. "DeForest wire included."

**\$67.50** postpaid



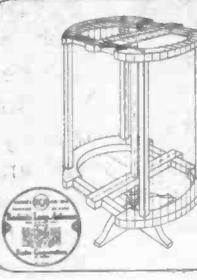
10% to AWA Museum fund.

**RADIOLA LOOP ANTENNA AG-814**

Precut Mahogany frame with an etched brass name plate and 1924 instruction card. This loop is a great addition to any collection and fun to assemble. Includes radiola type wire.

**\$43.50** postpaid

10% to AWA Museum fund.



10% to AWA Museum fund.

**H-10 POWER SUPPLY**

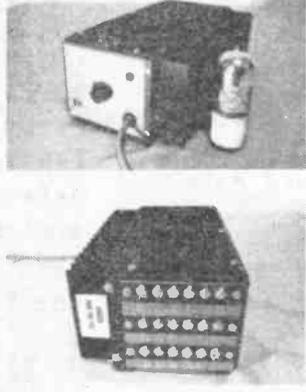
Now! For the first time a premium quality power supply. The H-10 power supply is made of specially designed and the highest quality components (not surplus or used parts).

And it's not being assembled in someone's garage. The H-10 has been contracted by a top-rate manufacturer who builds power supplies primarily for the laser industry. Thus it is fully warranted for a full year.

And no other power supply offers as many regulated outputs.

The Model H-10 is a premium quality regulated power supply designed to power over 99% of all battery radios. The Model H-10 was developed primarily for the radio collector but is capable of operating virtually all battery sets manufactured between 1920 and the end of the vacuum tube era around 1960.

The Model H-10 contains three independent, electrically isolated, regulated power supplies. The "A" supply provides 12 switched outputs between 1.1 and 9V. The "B" supply can deliver up to 6 simultaneous regulated outputs. The "C" supply can deliver up to 8 simultaneous outputs. All outputs feature electronic short circuit protection.



**TYPICAL SPECIFICATIONS**

Input: 117V AC, 50-60Hz, 80W maximum.

Volts: 1.1, 1.5, 2.0, 2.5, 3.3, 4.5, 5, 6, 7.5, 8, 9

"A" Output: Single output switch selected, short circuit protected, ripple less than five millivolts RMS @ 5V and 5A, regulation 0 to full load .02% @ 5V, voltage tolerance 5%, overload protection. Using the 1.1V, 3.3V and 5.0V output, allow operation of appropriate tubes with no danger of burn-out from improper filament rheostat adjustment.

"B" Output: 22.5V, 45V, 67.5V, 90V, 135V and 180V may be used in any combination with a maximum total output of 50mA. Ripple is less than five millivolts RMS @ 22.5V and 50mA to less than 25mV RMS @ 180V and 50mA, voltage tolerance 5%, voltage regulation 0-50mA 2.5%, fold-back current limiting.

"C" Output: 1.5, 3.0, 4.5, 6, 10.5, 13.5, 16.5 and 22.5V; 50mA @ 22.5V, ripple less than five millivolts, voltage tolerance 5% regulation 0.1% at 22.5V. All other voltage obtained by a 25mA resistive voltage divider. Overload protected.

Controls: Power switch, "A" voltage selector switch, LED pilot light.

Line Cord: Three-wire, 6R, heavy duty.

Size: 3 1/4" H. x 5 1/2" W. x 8 1/4" L. (includes controls).

Weight: 5 lbs., 14 oz.

Limited Warranty: Warranty is limited to repair or replace, at our option, of any defect in materials or workmanship for a period of one year. Warranty does not cover shipping costs.

Ordering Information: Include check or money order for \$149.95 to Glenn S. Streeter, 4133 Via Nivel, Palos Verdes Estates, CA 90274. We will pay shipping by UPS.

SATISFACTION GUARANTEED ON ALL ITEMS OR RETURNED FOR FULL REFUND.

**GLENN S. STREETER**  
 4133 VIA NIVEL, PALOS VERDES ESTATES, CA 90274 (213) 375-5522

Roosevelt.

Ine 1941 Corwin produced a series of shows for The Columbia Workshop, known as Twenty-Six By Corwin. Other series included This Is War, presented on the combined American radio networks, Passport For Adams and Columbia Presents Corwin.

Corwin is currently serving as writer-host for the PBS series Academy Leader, which premieres February 5. Author of numerous books, his most recent is Holes In A Stained Glass Window.

SPERDVAC, a non-profit organization dedicated to old time radio, features personalities from the radio broadcasting industry at each of its monthly meetings, publishes a monthly Bulletin and an annual Magazine, and maintains three extensive tape lending libraries which preserve radio programs. Further information on the Society, including membership benefits, may be obtained by writing SPERDVAC, P.O. Box 1587, Hollywood CA 90028.

Rates for THE HORN SPEAKER  
 One year.....\$5.50  
 Two years.....\$11.00  
 Special rates for one year  
 (mailed in envelope)  
 First class.....\$10.00  
 Foreign Air Mail...\$16.00



Classified ad rate: 6¢ per word.  
 Photo ads: \$2.00 extra.

Deadline: 20th of the preceding month.

## FOR SALE OR TRADE

FOR SALE: Scott 800B, 2 chassis & Co-ax speaker, complete, AM, FM, SW. 2 - Transoceanic, cowhide, 1 tube, 1 transistor.

1 - RCA 9 band part, tube type cowhide.  
 Hundreds of New Merit TV coils & transformers for older TV sets RF, 1F, sweep-original boxes.  
 Old Stewart Warner wood table set 2 band (AC), all work fine, Portables look almost like new.  
 W. H. Edwards, 14, 442 Minetta, Houston TX 77035.

FOR SALE: Signal Corps U. S. Army airplane radio transmitting and receiving set type SCR 68 last patent date Oct. 23, 1917 - looks good set only no tubes or accessories \$365. Sterling R510 testor - works and nice \$210; Sterling R403 OK \$110. Marathon 608 tubes \$10 each, DeForest 802 and several 401 & 403's \$25 each. 1940's projection television complete and works, will not ship \$500. All other items PP UPS. Steve Sideroff, Route 1, Marlboro N.J. 07746. Telephone; 201 462-7987.

## FOR SALE OR TRADE

FOR SALE: RCA AR-785 Aircraft receiver uses five WE-215A tubes, Pilot TV mint with original carrying case, Hallicrafters TV, Artophone 3 tube-interesting, Arvin Hopalong Cassidy AC set, Federal K-60 AC set, Edison Home Cylinder phono. Send SASE for more information. Richard Cane, 8391 N.W. 21St. Sunrise FL 33322.

ATWATER KENT replicas, switches \$10. Front plates for T11 tuners and variometers \$8.50, thumb nuts 50¢, single tube socket base \$5.00. Pulleys for brass belts. Zenith 3R-4R pointers, knobs large and small. Any dial, knob, push button for any radio. Write WD11 or UV99 adaptors \$4.50. K. Parry, 17557 Horace, Granada Hills CA 91344.

FOR SALE: Beautiful A. C. Cathedral radios, with tubes, working, Philco 16-B, Traveler K, \$65. each. Crosley SHOWBOX with tubes, working, \$40. Atwater Kents, parts, magazines. Send SASE to Arthur Harrison, 1021 Falcon Drive, Columbia, Missouri 65201.

FOR SALE: Atwater Kent model 37 (1920's) excellent appearance and complete (tubes, etc.). But top cover of housing missing. Not working. \$20 plus UPS shipping. Linas Balsys, 33 Phoenix Ave., Naugatuck CT 06770. Phone 203 729-9708 evenings.

FOR SALE; A.C. Radios of the 1930's sold on best offer basis. Send SASE for list.

WANT: A.K. chassis model 228 for parts. J. Albert Warren, Box 279, Church St., Waverly PA 18471.

FOR SALE: Various earlier Riders (No. 1 or 2); #1 thru #10 index; tubes (new) -6D6 era, mostly; other parts, etc. SASE. Christian R. Fandt, 111 Harding Ave., Jamestown N.Y. 14701.

FOR SALE: A.C. Radios of the 1930's. Sold on best offer basis. Send SASE for list.

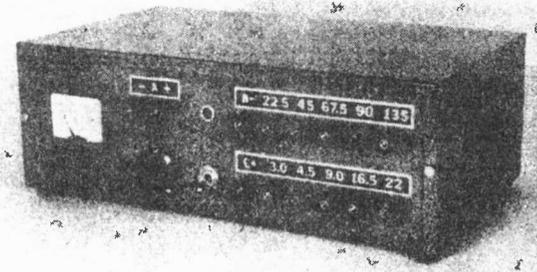
WANT AK chassis model 228, for parts. J. Albert Warren, Box 279, Church St., Waverly PA 18471.

FOR SALE: Radios, speakers, tubes, magazines, test equipment, parts, list 3M79 50¢ plus large SASE with 2-15¢ stamps. Krants, 100 Osage Ave., Somerdale N.J. 08083.

FOR SALE: A few duplicate 5 tube TRF battery receivers, list SASE. Also new UX-30 and VT-24/864 tubes \$4. each or six for \$20. plus \$1.50 shipping. WALNED, Box 2478, Gainesville GA 30501.

FOR SALE: 11 radios from 1928 to 1945 including rare "Musette" Cathedral. All for \$400.00 SASE for list. Michael, P.O. Box 2436, San Jose CA 95109.

## FOR SALE OR TRADE



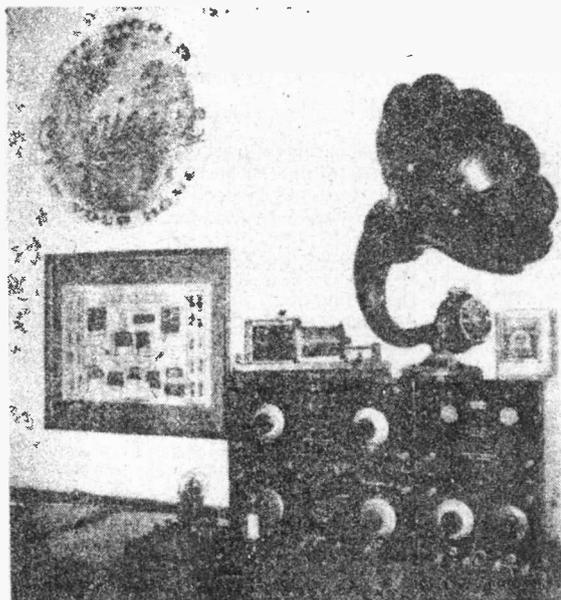
FOR SALE: Solid State "A", "B" and "C" power supply for operation of 1920's battery radios. Price \$109.50 postage paid. Send SASE for information to: Gary Schneider, 6848 Commonwealth Blvd., Parma Hgts, OH 44130. NOTICE: This is to clarify a statement made by my power supply competitor in regards that his supply puts out "less ripple" than does mine. As of November 1978 my supplies have been improved (at no price increase) and his statement no longer is true. My customer satisfaction speaks for itself, I do not have to resort to slandering! Thank you, Gary B. Schneider.

FOR SALE - NEW AUDIO INTERSTAGE TRANSFORMERS: Universal replacement for Single or Push-pull plates to single or push-pull grids. When used single plate to single grid, taps available for 1:1.5, 1:3 or 1:6 turns ratio. \$6.25 each, 2/12. or 4/22.00. Add for parcel post shipping: 0.9 pounds per transformer. OLD STYLE CLOTH COVERED WIRE: 18-gauge AC line cord in gold or brown. 20¢/ft or 16¢/ft for 100' or more. OK to mix colors to get 100'. Add \$1.50 shipping. NEW CRYSTAL SET PARTS: Crystal detector assembly w/crystal \$1.50. Crystal holder + arm + whisker 85¢. Galena crystal 65¢. Bat's Whiskers 2/50¢. Fahnestock clips 10/80¢. Phone tips 10/75¢. Add 75¢ shipping. NOTICE: Crystal set part prices will go up 20% January 15, 1979. AUTHENTIC HORN SPEAKER CORDS: 4 1/2' long \$3., 10' long \$4. State second choice - discontinuing these items. Add \$1. shipping. Write for latest availability. SASE for more information and wire samples. Robert Goodman, 7943 Ponce, Canoga Park CA 91304.

OVER 100 early battery & A.C. radios, phonographs (cyl. & disc) & tubes and speakers. You pickup, no shipping. Dexter, 104 North Ave., Abington Ma 02351, Tel: 617 878-3177.

TRADE: Green can A.K. TA Breadboard 2-Stage A.F. Amplifier for TA detector-one or two-stage amplifier. Ross Smith, 1133 Strong, Elkhart IN 46514.

FOR SALE: High-voltage capacitors for Hallicrafters 7-inch television sets. Send SASE for information. C. H. Sarver, 256 West 88th St., New York NY 10024.

**FOR SALE OR TRADE**

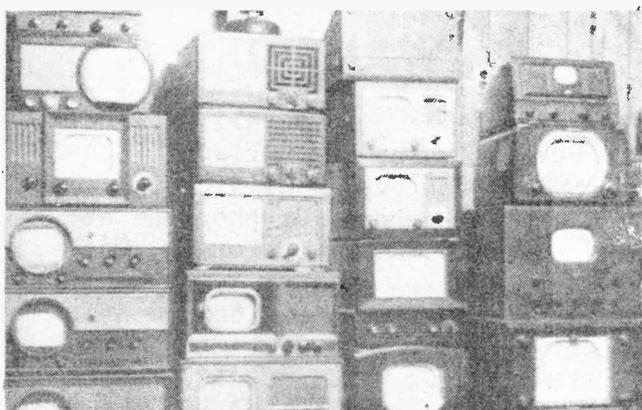
FOR SALE: Kennedy, Marconi, Federal, Amplion, DeForest, plus wireless & crystal set and rare tubes. SASE for list of 86 select items.

Glenn Streeter, 4133 Via Nivel, Palos Verdes Estates CA 90274.

FOR SALE: Old battery and A.C. radios, related items etc., dial-lite hoods made for Radiola 17 and 18. SASE + 15¢ stamp for information and lists.

WANTED: 3" - 4" Marco vernier dials. Franklin Haas, 207 West 30th, Hutchinson, Kansas 67501.

FOR SALE: Battery cable. In addition to the 10 conductor cable we sell we now have an authentic four conductor cable. Each conductor is cloth insulated and of a different color. Both cable types are housed in a brown cloth knitted sheath. The cost of either cable type is 75¢/ft. plus shipping. Order from Olde Tyme Radio Co., 2445 Lyttonville Rd., Silver Spring MD 20910.



ANTIQUA T.V.'s from 1930s - 1940s. Large quantity. Send \$1.00 for list. Chuck, 925 Starlite, Grants Pass, Oregon 97526. Call 503 476-1078. Also have over twenty radios from 1930s, consider any offer on these by phone.

ATWATER KENT REPLICAS Bread Board switches - \$10.00, front plates for variometer, variocoupler, and Tll tuners - \$8.50. AK thumb nuts, SASE for sample. Replicas of any dial or knob. WD11 or UV99 adaptor - \$5.50, 2 for \$10.00pp. K. Parry, 17557 Horace, Granada Hills, CA 91344.

**FOR SALE OR TRADE**

Photo ads: \$2.00 extra.

FOR SALE OR TRADE: No. 1, 2 and 3 QST magazines and Edison Home Phonograph - will trade for antique radio gear. Also Fleming Valve. Paul Giganti, 2429 San Carlos Ave., San Carlos CA 94070.

FOR SALE: 1926-48 reproduced schematics. Alignment procedures available free. T.V. schematics also available. Quick quality over night service. Send \$2.00 each to: J. S. Antaki, Antakamatics, 311 Bear Ridge Rd., Pleasantville NY 10570.

FOR SALE: Battery and A/C sets, horns and speakers, few mags and books, some test equipment. SASE for list. A. Patscheck, Box 195, Wimbledon N.D. 58492.

FOR SALE: Brunswick-Blake-Collender Company "Vltona" tone arm with head, has three position, three needles. Kenneth Lappin, Lappin Radio, 210 N. Goodwin, Urbana IL 61801.

FOR SALE: British Xtal set; Radiola III, III A and 16; Crosley 51 & Trirdyn. Trade Radiola V, others, SASE. W6THU, 1545 Raymond, Glendale CA 91201.

FOR SALE: Paper condensers; .00025, .0005, .001, .002, .003, .004, .02, .04, .06 at 600V, \$1.00 per dozen. Daniel Gaidosz, 342 West River Rd., Orange CT 06477.

FOR SALE: Send SASE for list of 1920's tubes, parts, magazines and other items of my usual goodies. List to be mailed early January. Gary Schneider, 6848 Commonwealth Blvd., Parma Hgts., OH 44130.

FOR SALE: Old Radios, speakers, etc. Sale or trade. SASE. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

SALE: Radios, speakers, test equipment. SASE. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

FOR SALE: All (8 pcs.) potmetal parts for Victor 10-50 - 1051, 1070 & 955. Cast as original, in bronze and aluminum. Have gears and and potmetal part for tone arm on 940 & 860. Material for turntable. SASE for prices. Tony Provenzano, 144 W. Prospect St. Waldwick N.J. 07463. 201 445-7898.

ANTIQUA T.V.'s From 1930s - 1940s. Large quantity send \$1.00 for list. Chuck, 925 Starlite, Grants Pass, Oregon 97526. Call 503 476-1078. Also have over twenty radios from 1930s, consider any offer on these by phone.

**FOR SALE OR TRADE**

SOLD OUT! But only temporarily. The new improved units will be in stock next month. There will be a small increase in price as parts and labor are going up.

but I am excepting orders now at the 1978 price. Order now and save!

The H-10 is small (3 1/2" X 5 1/4" X 9 1/2"), but it packs more power with less ripple rms than its nearest competitor. It's peerless!

See our ad for more details.

Glenn S. Streeter, 4133 Via Nivel, Palos Verdes Estates CA 90274.

FOR TRADE: Atwater Kent 1926 wooden window display. Folding 3 section 48" X 22" fully extended. Paintings in excellent condition.

Guy Martin, P.O. Box A, Azusa, California 91702.

FOR SALE: Tubes for radios of the thirties and fourties, brand new in original factory boxes. Very reasonable, send us your list of requirements for a quotation. Daniel Gaidosz, 342 West River Road, Orange Conn. 06477.

FOR SALE OR TRADE: Philco 53-642 A.C./Batt. portable, working, brown plastic cabinet, good exc. small crack one side \$22.50. I pay postage, or trade for 1942 or earlier wood cabinet table radio. John G. Bayusik, 311 Grandview Ave., Hamden CT 06514.

FOR SALE: Antique Ammeter in polished wooden case and has a mirrored scale. 7-1/8" X 7-5/16" X 3-1/8" deep. Mfd. by Queen & Co. Phila., Pa. Best offer. J. Albert Warren, Box 279, Church St., Waverly PA 18471.

OLD RADIO MAGAZINES, 1919 and later. SASE for complete list. K. Parry, 17557 Horace St., Granada Hills CA 91344.

SELL BATTERY AND ELECTRIC RADIOS for the new collector. Also radio books, magazines and tubes. SASE for radio or publication list. Radio Americana, Box 161, West Hurley N.Y. 12491.

**DISPLAY ADS CAN BE CHEAPER THAN MAILING LISTS**

**YOU ARE THE ONE WHOM WE WANT TO HELP**

**LET US DO THE MAILING**

**DID YOU KNOW THAT FOR ONLY \$50.00 YOU CAN BUY ONE FULL PAGE AD 10-1/8" X 13-3/8" THE EQUIVALENT OF SENDING IN POSTAGE ONLY 385 PIECES @ 13¢ 15¢ EACH (NOT EVEN COUNTING THE COST OF PRINTING, ETC.)**

333

**1/2 PAGE IS \$25.00 6-5/8" X 10-1/8" or 5" X 13-3/8" THE EQUIVALENT OF SENDING ONLY 192 PIECES @ 13¢ 15¢**

166

15¢

**1/4 PAGE IS \$12.50 THE EQUIVALENT OF SENDING 96 ENVELOPES**

83

**ADS MUST BE GOOD ENOUGH FOR OFFSET REPRODUCTION EXTRA CHARGES IF AD DOES NOT FIT PURCHASED SPACE.**

**THE HORN SPEAKER  
9820 Silver Meadow Dr.  
Dallas TX 75217  
(214) 286 1673**

**FOR SALE OR TRADE**

WOULD TRADE some good used UX201A tubes for good used UX199 & UX120. Jack Emery, Box 84, Lexington, Michigan 48450.

FOR SALE - Collection of 25 radios of 20s and 30s, Grebe, Music Master, Radiola, early electrics, speakers, also four nice phonographs, all for \$950. or offer. SASE for list. SALE OR TRADE - Rider Radio Vol. 1-5 abridged, 11, 12, 14, 15, 16, 18, PA 1. Want Vol. 1, 2, 3 and 9. Anyone have Ozarka 16 tube chassis? For sale or not would like to hear from you. Ray Miner, Ft. Madison, Iowa 52637. Ph: 319 372-1271.

FOR SALE: Selling Rider's Manuals, singly or sets. Also early Sams' Photofacts, Supreme, factory manuals. Lawrence Beitman, Box 46, Highland Park IL 60035.

FOR SALE: ELMAC PMR6A mobile receiver, power supply and manual, \$25.00; nice Crosley Dynacone speaker, \$20.00; Crosley 50 needing dial and minor cabinet repair, \$30.00; Radiodyne WC-17, nice but warped lid, \$50.00. Add postage. George Hausske, 1922 E. Indiana St., Wheaton IL 60187.

FOR SALE OR TRADE: Battery sets, parts etc., Large list SASE and dime. Chet Wisner, 1014 Main St., Dalton MA 01226.

**Snuggle Up and Enjoy...**

A WORLD OF TALK AND MUSIC PROGRAMS THE FCC DOESN'T WANT YOU TO TUNE IN ON

The Products:



**FM SuperSnooper**  
It's the ideal companion to FM portable radios  Plugs into the radio's earphone or MPX out jack. Transfers readily from one radio to another  Consists of SCA adapter, audio amplifier with volume control, and 8-ohm speaker in an attractive plastic case  Features high sensitivity, good fidelity, and is self-powered with a 9-volt transistor radio battery (not included). Certain radios may require SCA connection inside—a point that can easily be found by probing, instructions provided. Not a kit. \* \$26.00

Kraco FM Car Converter



Here's just the thing for the person who has put off buying FM for the car, and a chance to hear FM-SCA in the bargain! Even if your car already has FM, now you can add SCA at modest cost.  SCA adapter neatly concealed in this sensitive car converter, which plays FM or FM-SCA at the flip of a switch through your AM car radio. This adapter connects easily to any car AM radio through the antenna input  Thumbwheel tuning  Complete mounting hardware, instructions included. \* \$37.97

FM-SCA Adapter



This is SCA circuitry at its best! Features of this adapter include excellent tone quality, low voltage requirement, squelch circuit, and instructions for installing in or on FM radios  Free with your adapter is a copy of the article, *SCA: Radio the FCC Doesn't Want You to Own*, which discusses the SCA service and your legal right to tune in, and shows how to tap into portables, car radios and tuners to receive SCA. This article is for people with or without an electronics background.  Kits include full assembly instructions. \* \$13 kit; \* \$18 assembled unit (\$17 in quantity of two or more.)

\* Two-part article, *SCA: Radio the FCC Doesn't Want You to Own*, described above, only \* 25 cents \* for postage and handling.

\* A listing of FM and FM-SCA stations can be found in the latest edition *FM Atlas and Station Directory*, a 112-page guide which also gives data on stations' music formats, stereo, Dolby, network affiliations—and more! \* \$3.95 postpaid by "book rate," \$4.50 by first class mail.

\* Also available: Custom, low-cost FM-SCA installation in or on the radio of your choice. Send a self-addressed, stamped envelope for information. For buyers of the FM SuperSnooper we will install a free MPX out jack or modify the earphone jack for SCA if you write and make arrangements to mail your radio, as well as include remittance to cover mailing back of the radio to you.

\* FM DX TAPE. Here's a full-fidelity, 15-minute, reel-to-reel tape that captures the ultimate in the FM listening experience. Contains excerpts of actual long-distance receptions, with tips on how to recognize FM DX and tune in FM stations as far as 2,500 km under the right conditions. Includes a sheet listing all of the nearly 100 stations on the tape in order of their appearances, 7 1/2 i. p. s. \* \$1.50

\* SCA TAPE. This cassette will whet your appetite as to what can be heard on FM-SCA. You'll hear background music, commercials and medical news for physicians, talking book for the blind with a hint as to the pomography these services spew forth, as well as "network relay," and the rock music of WPLJ New York heard between ABC radio newscasts. \* \$2.75

\*\*\* Order today from FM Atlas Co., Adolph, Minnesota, 55701, U. S. A. Satisfaction guaranteed, with 90-day return privilege on any product. Please write before returning any items, and describe the problem in detail.\*\*\*  
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The Medium:

Various special-interest groups and the Federal Communications Commission have conspired to keep these devices off the market, but now you can legally listen to FM-SCA programs in your home or car, and on portable radios.

Depending upon where you live, your FM radio can double as a receiver of special background music, talking book for the blind, doctor's programming, farm news, network relay, and other programs meant for special groups or places. Over 900 stations are sending out SCA programs concealed from you, the listener, by multiplex technology—but our gadgets unscramble these special programs with the clarity and reliability of your own local FM stations!

You can legally own a radar detector, a police scanner, and listen to other people's CB conversations, but a gentleman's agreement among radio manufacturers has kept FM-SCA off the market. Now you can tune in these broadcasts, too, and get all the programming that your FM radio can give you.

If you're technically inclined, buy the FM-SCA adapter, kit or wired, and make the connections yourself inside your FM radio, tuner, receiver or car radio. If you're not into electronics, you'll find the FM car converter, the FM SuperSnooper, or custom SCA installations the way to go!

Ordering Information:

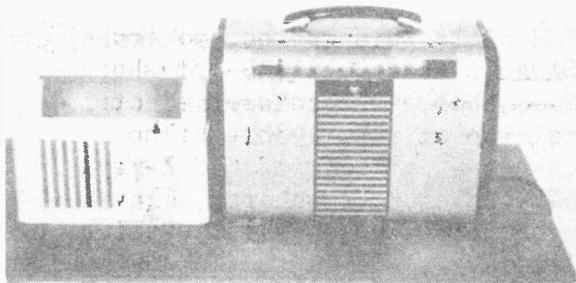
Order from FM Atlas Co., Adolph MN 55701, U.S.A. All prices postpaid, except add \$2.00 per order for electronics items going to Canada and to PO box addresses in the United States. Payment by bank or postal money order will speed up receipt of your order. COD orders accepted only with a 20% deposit. \*

More FM Goodies:

\* Enlarged copy of the new FCC FM coverage curves, both the F(50,50) and the F(50,10) interference curves with instructions for do-it-yourself computing of station coverages.  Supplied in celluloid folder. \* \$3.00.

\* Update your copy of the FM Atlas with computer listings for your state or region  Write for further information.

**WANTED**



WANTED: 1948 Mitchell "Lullaby Bed-Lamp" radio (Models 1250 or 1251) and 1948 RCA portable (Model 8BX6) Any condition. See photo. Write Mike Hanke, 1036 So. 15th Ave., Wausau WI 54401.

WANTED: Tubes for restoration of Brunswick - Radiola; UV-886 ballast tube, Screw type base. UX-210 and UX-199's. Please state price or have early tubes & parts for trade. Jim Norwood, 115 Hemlock Circle, West Monroe LA 71291.

WANTED: Suitcase portables from 20's & 30's; also unusual early AC sets, X99 tubes. Cash or trade. Rosenthal, 507 S. Maryland Ave., Wilmington, Dela. 19804.

**WANTED**

WANTED: Reliable specialists want to buy early horn phonographs (Zonophone, Queen Busy Bee, Victor, Edison, Talkophone, Graphophone etc.) and pre-1924 radios (DeForest, Grebe, Kennedy, Tuska, Atwater Kent, Radiola etc). Rapid payment and confidentiality assured. Please describe and price. 1 item or 100. MUSIQUE, 129 Howell St., Canandaigua N.Y. 14424.

WANTED: TELEVISION LAMPS, RAYTHEON KINO, TELION TV TUBE, ARGCO TV TUBE, CRATERTON, REFLECTRON; DEFOREST VISION 601, 602; 668. Darcy Brownrigg, Chelsea, Quebec, JOX 1N0 Canada.

WANTED: Sams AR series numbers auto radio 8, 9, 13, 17. Will pay cash. Also interested in original radio owners manuals. Marvin Roth, 14500 LaBelle, Oak Park MI 48237.

WANTED: Schematic, chassis, parts for Crosley 5-50. Escutcheon plate antenna switch & knobs, Radiola 16. A. Korte, 772 Dalby Dr., Las Vegas, New Mexico 87701.

ads

## WANTED

WANTED: Crosley "Harko Signor" or "Ace" 1 tube 1922 or 23? Like a model "50" but little longer case in good or better condition. Information to: Troy Cantrell, 331 North Stine Road, Bakersfield, California 93309.

CATHEDRALS WANTED: Restorable AC sets. Also the following in working or restorable condition: Edison R4 radio, Edison radio/phono models C1, C2, C3 and C4 (consoles), Radiols III amp and Models II, 20, 24 and 26, Zenith 3R and 4R, AK Bread Boards (particularly 5 and 9) DeForest D7, 10 and 12. Please send price and description. Also looking for RADIO NEWS, Mar., July and Sept. 1926.

Pat O'Hern, Box 55456, Houston, Texas 77055.

WANTED: Western Electric 1-B and 2-C receivers; also Columbia phonograph, floor console model using 1-226, 1-210 and 2-281's with the 14-inch Kolster dynamic speaker, made circa 1927-8. Also home-entertainment radio-phonographs made through 1940's that are equipped with automatic record changers. Please describe and state price in first letter, and include snapshot if possible. Curtiss R. Schafer, George's Hill Road, Newtown, Connecticut 06470.

WANTED: RCA Radiola 20, Kennedy, Gilfillan, Pilot Super Wasp, AK, AC Dayton XI 25, Grebe Synchrophase, Cathedral and other pre-1935 table radios; Vintage horn or cone loudspeakers, headphones and tubes. Please state model, condition and price with reply. Dave Pearce 673 Sylvan Ave., North Vancouver, B. C. Canada V7R 2E8.

WANTED: Electric pickup, high impedance for 1926 or 1927 Victor Electrola or Brunswick phonograph. Bob Scott, P.O. Box 1694, Wayne, N.J. 07470. Phone: 201 696-1278.

WANTED: Atwater Kent type 11 tuner. Have other early AKBB parts for trade including rare pair of good AKBB audio transformers #3509. Also early horns, speakers, tubes, parts etc. to trade or will buy. Bill Pugh, 2126 E. Myrtle, Phoenix AZ 85020. Tel: 602 943-6782.

WANTED: Wood table model plug-in radios, especially Cathedrals. Also outside horn phonographs, music boxes, needle tins, record dusters, catalogs, etc. Lloyd, 4618 Adams St., Hollywood FL 33021.

WANTED: TUNING DIAL FOR A VICTOR R-32. Dave Bittner, 11761 Coleman St., Manassas VA 22110.

## WANTED



WANTED: Any early AC Radios using Kellogg 401 tubes or Cardon 373 tubes, including tubes, parts, original literature. Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

WANTED: Power pack & ampl. chassis for Radiola 67 complete with good xfms. or will buy or trade for complete radio. Cabinet unimportant. Jim Pollard, 4107 Loma Alta Dr., San Diego CA 92115.

WANTED: Old electro-medical (quack) machines like induction-coil shock devices, ozone generators, electric belts, violet ray. Wanted also spark-gap diathermy and old X-ray. O. Lindan, 1404 Dorsh Road, Cleveland OH 44121. (216) 382-7113 evenings.

WANTED: Some traditional style two-conductor speaker cords with phone tips one end. TC-610 adapter for B & K model 550 tube tester and/or schematic. David W. Brower, 236 Welsh St., Camden S.C. 29020.

WANTED: 1933 Emerson Mickey Mouse radio. Write or call collect. Les Sims, 5551 W. Lover's Lane, Dallas TX 75209. Ph: 214 352-9757.

WANTED: Always buying car radios, parts and literature of the 30s, 40s and 50s. Please price and describe. Especially wanted, Ford 1930s models. Cash paid. Marvin Roth, 14500 La-Belle, Oak Park MI 48237.

## WANTED

WANTED: Any quantity of #22/24 DCC Magnet Wire. Bob, W6ME, 4178 Chasin Street, Oceanside CA 92054.

WANTED: 1939 television receivers, especially RCA TRK5. Highest price paid. Call 213 463-1846 collect anytime.

WANTED: Western-Electric microphones; 639 (Birdcage), 633 (Saltshaker), or Eightball. E. D. McDonald, 922 Tanglevine, Dallas TX 75238.

WANTED: Riders Vol. 15, must contain all Scott pages 15-1 thru 15-50. Cash or have Riders Vols 14 - 12 - 9 - 8 - 7 - 6 for trade. Need escutcheon plates including dial escutcheon for Scott #. W. 15. J. Cunningham, 675 W. Ardmore, Roselle IL 60172. 312 894-2370.

WANTED: Driver for A-K, model H horn speaker and A.F.T.s for A-K model 20 compact. If originals not available, would like replacements to fit in original cans. Lane Poulter, 6344 Garwood Ave., Las Vegas NV 89107.

WANTED: Dial Bezel for Zenith 6V27 "Farm" Radio. Uses 6 1/2" glass. Please send drawing and price first letter. Mark Oppat, 31800 Balmoral Dr., Livonia MI 48154.

WANTED: Dial knob for RCA Victor model 551/552 (page 161 "Flick O' Switch"). Any and all service and advertising material desired. Darcy Brownrigg, Chelsea, Quebec, JOX 1NO Canada.

WANTED: Will buy small spark gap, side swiper key, any commercial crystal detector stands. Need complete carborundum unit. WANTED, Box 2478, Gainesville GA 30501.

WANTED: Chassis for Jackson Bell model 84 (Peter Pan). Russ Goodlive, 1401 Franchere Pl., Sunnyvale CA 94087.

WANTED: Majestic model 91 chassis and speaker, or complete radio if price is reasonable. Will buy outright or barter equal value in restoration work. Vintage Restorations, 1422 Carter Hill Rd., Montgomery AL 36106 Tel: 205 263-6750.

WANTED: "Radio News" for March 1925, also "Radio News" for all months of 1922 - all with covers. Albert Warren, Box 279, Church St., Waverly PA 18471.

WANTED: Spark type Diathermy Machines or gaps from same. Condition unimportant as long as gaps intact. Bob, W6ME, 4178 Chasin St., Oceanside, Calif. 92054.



# PUETT ELECTRONICS

PUBLISHERS OF P.O. BOX 28572 DALLAS TEXAS 75228

ANTIQUE RADIO TOPICS & THE CLASSIC RADIO NEWSLETTER

LIST No. 18

FEBRUARY

75c

# THE HORN SPEAKER

1979

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