

Campaign to Eliminate Interference

Radio Digest

TWICE
A MONTH

ILLUSTRATED PROGRAMS

FIFTEEN
CENTS

SECOND OCTOBER NUMBER, 1926

Reg. U. S.
Off. &
Canada

Vol. XIX No. 1



King Milo Tells How to Build Famous Karas Equamatic Set; What's New in Speakers; Announcing National Interference Survey; Football Broadcasts; Latest Air Features

1926 CUP WINNERS HAPPY AS THEY AWAIT PRESENTATIONS

Ceremony on Air October 15 from Chicago Radio Show—Earl E. May Thanks Farmers and Receives Congratulations—Four Million Votes Cast

As this issue of Radio Digest goes on the newsstands throughout the country today (Oct. 15) plans have been made for the formal presentation of the third annual Radio Digest announcer's cup awards at the Chicago Radio Show in the Coliseum.

Any deluded individual who fancies that interest in Radio has been slipping would be amply convinced of his error could he have seen the mountain of coupon votes heaped on the counting tables of the Radio Digest editorial offices in Chicago.

Total Vote Over 4,000,000

A picked staff of nimble fingered girls was kept busy day and night for two weeks after the contest closed to count and check all the final votes to make sure that every vote was properly recorded for the person it was intended. The total votes cast exceeded 4,000,000. This was more than two million and a half in excess of the total number of votes cast in the contest held by Radio Digest in 1925, which awarded the solid gold trophy cup, uniquely designed in the form of a microphone, to Graham McNamee of WEAF, New York.

Again this year the little town of Shennandoah, Ia., came to the fore and took the prize against all the other great broadcasting stations in the United States, even as it almost did last year when Henry Field proved a close second to Mr. McNamee who had the enormous influence of the great WEAF chain.

Announce Presentation Plans

E. C. Rayner, publisher of Radio Digest, is on the program to make the presentation speech at the Coliseum today. On the platform with him will be Earl E. May, owner and announcer of KMA, winner of the gold cup; Pat Barnes, WHT, Chicago, winner of the silver cup and U. J. Herrmann, producer of the Radio World's Fairs of New York and the Chicago Radio Shows.

As already announced the race was a close one. Mr. May carried the honors of almost half a million votes by a margin of only 11,522. Both Mr. Barnes and Mr. May took a phenomenal spurt at the finish which put them ahead of G. C. Arnoux of KTHS, Hot Springs, Ark., who had held the lead through the greater part of the contest. Mr. Arnoux brought in a final count of 337,502 votes which was a big gain from the previous vote recorded.

Honorable Mention for Readers

Besides the leading prize awards fifteen certificates of honorable mention are being sent to those who were in the race and stood next in order to the gold and silver cup winners. There were a total of 129 contestants in the United States and eight in Canada.

Miss Lillian Shaw will be receiving her silver cup at CKY, Winnipeg, as the winner of the Canadian announcers' contest conducted by Radio Digest simultaneously. Her vote registered a total count of 18,925 votes. Her nearest competitor was Bert Hooper of CKCL of Toronto. The certificates will be in the hands of the winners at time of the presentation of the gold and silver prizes at the Coliseum.

Winners Very Happy

"I am glad to win the silver cup," said Mr. Barnes, after he had been notified of the reward. "My friends worked hard to win the gold one for me and our only hope is that we may be more successful next year." Mr. May, in sending his acknowledgment to the notification of his award, said: "Please say through the Radio Digest that

I am the happiest man in the world today and I owe my happiness to their faithful interests in my behalf. The folks of the tall corn country have shown the rest of the United States what they will do to support one of their number when it comes to a national competition. Three cheers for Shennandoah! That's what makes me glad."

George D. Hay, the Solemn Old Judge, who won the Radio Digest gold cup in 1924 telegraphed his congratulations to Mr. May and said he was glad to see the cup come back to the middle west where it belonged. Graham McNamee, 1925 champion, also sent his congratulations.

WQJ Aids Waterway Project

CHICAGO. — The second mammoth "Great Lakes to the Gulf Waterway" banquet was broadcast by WQJ here on Tuesday, September 28, direct from the floor of Mann's Million Dollar Rainbo Gardens. The banquet began at 9:00 p. m. and lasted through the night.

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Looking Ahead

WHOOZIT? Tag—You're It! Well Now Whatzit All About—This Whoozit? You and several hundred thousand other Radio Digest readers will learn all, know all, when you read next issue, on the newsstands October 31. Thousands of dollars in big cash prizes, fame and fortune await some of you who are reading this. How can you claim it? What do you do? Ah, everybody will be doing it after November 1. Just read the next issue carefully and see what you can see.

Providing "King Milo" of Miloplex Fame Gets Well Fed by Maggie in the meantime, his next story on the DX-getting Karas Equamatic receiver should be just as amusing as Part I, on page seven of this issue. Watch for the First November number in which Part II of this constructionally valuable and laughable article will appear.

Notables You Will Meet Soon Include "Little Jack Little" and William H. Crawford. The latter does not croon ballads at you with almost player-piano-like self accompaniment like Jack, but Mr. Crawford is worth tuning many miles to hear. His specialty is interviewing the great and near great statesmen of the day, and the stories he broadcasts have more flavor and secrets in them than his articles published daily in over 300 newspapers. Here are two interviews it will pay you to await.

WRVA, Now the Voice of Richmond, Va., is very nearly a year old, and we are going to help this distinguished southern broadcaster celebrate by telling all about it in a page layout soon. We hope this will be next issue, just before the birthday, but we cannot promise definitely.

Special articles about broadcasting stations and artists, with photographs, and NON-RADIO fiction 5,000, 10,000 and 30,000 words in length are desired. No manuscripts accepted unless typewritten and prepaid, or returned without return postage being included. All manuscripts are sent at owner's risk.

Newsstands Don't Always Have One Left

WHEN YOU WANT

Radio Digest

YOU WANT IT!

BE SURE OF YOUR REGULAR COPY BY SUBSCRIBING NOW

FINAL STANDINGS OF 1926 GOLD CUP RACE

The final standings of all who were entered in the 1926 Radio Digest Gold Cup Award follows. Canadian standings appear at the end of the American list. The holders of first and second places in the American competition will be presented with solid gold and solid silver cups respectively, both trophies being designed after the shape of the standard microphone. The next fifteen highest American contestants will be awarded certificates of honorable mention. The winner in Canada will be presented with a large silver loving cup.

Place and Name	Station	Votes
1. Earl E. May.....	KMA	452,901
2. Pat Barnes.....	WHT	441,379
3. G. C. Arnoux.....	KTHS	337,502
4. Norman Brokenshire.....	WJZ	322,299
5. The Hired Hand.....	WBAP	258,307
6. Henry Field.....	KPBF	153,783
7. Chester Gaylord.....	WTAG	116,425
8. Phillips Carlin.....	WEAF	84,279
9. Robert W. Griffin.....	WHO	51,128
10. A. S. Kynes.....	KMMJ	44,256
11. H. Dean Fitzner.....	WJAF	37,145
12. Peter MacArthur.....	WOC	32,392
13. C. R. Randall.....	WSMB	32,094
14. Louis John Johnen.....	WLW	31,416
15. Lester Palmer.....	WOAW	23,126
16. E. L. Tyson.....	WWJ	21,296
17. Gayle V. Grubb.....	KFAB	20,693
18. N. Dean Cole.....	WHO	18,249
19. Lambdin Kay.....	WSP	16,514
20. W. G. ("Bill") Hay.....	WGN	16,022
21. Paul Johnson.....	WCCO	12,692
22. Maurice Wetzel.....	WOOD	12,228
23. John T. Schilling.....	WHB	8,393

(Continued on page 10)

SHORT WAVES

By Marcella

Surprise for Readers; Elusive Thelma Coombes; Norman Brokenshire's Enterprise; Twilight Story Marcella Roth; Lewis Meehan; The Game of "Whoozit"; Magnolia Blossom; Harold Palmer; Sid Jolson; Eddie Stewart; Howard "Howie" Martin; Hugh McGann; Wendell Hall and Car.

I PROMISED a surprise for you soon—and here it is. How do you like it? I'll try to give you a few "thumb nail" pictures of your favorites each time this column greets your eyes, and in this way your artist "data book" should grow even more interesting than it is now. At this time, before "proceeding with the regular program," I wish to remark that many of you would help me in locating information about the lesser known favorites if you would mention the station at which they most frequently appear. Will you—huh? Thanks.

"One of her fans" asks about the lady who sings the chorus of certain songs played by the Vanity Fair Cafe orchestra broadcast by the Stewart-Warner Air theater, WEBB, Chicago. Here's her picture, but other information is sketchy. Her name is Thelma Coombes and she plays a cello in the Vanity Fair orchestra besides singing now and then. She lives on Sunnyside avenue somewhere but is very elusive and never answers the telephone. I barely managed to get her picture by smuggling a camera into the cafe's microphone case, and snapping her as she smiled at an appreciative invisible audience. You don't believe it? Can you imagine that... my, how skeptical you are becoming.



"Kitty" wants to know what has become of Norman Brokenshire, but she wrote her letter before the first October number reached her, so she probably knows all by now. Anyone else miss the news? Norman has gone "on his own" and formed the Arrow Amusement corporation, which is to be devoted to putting on Radio productions of the highest class.

I have received the dearest little letter from Marcella Roth, the 10-year-old Twilight Story Girl of WSMB, New Orleans. And here is her darling, best-reached, best-photographed! No, she is not a relative of mine, but I wouldn't mind boasting of her as one, would you? She writes: "I have red hair and am 10 years old. I am sending you one of my pictures that I send to my listeners. They all send me their pictures, too. I have them all in a book with their names and addresses written down. Some day I may have enough money to go and meet them all."

I hope you do have, Marcella, and I'm sure you would have a most wonderful time. And now, to the young audience of the Twilight Story Girl, I wish to announce that she is now conducting a freckles contest and giving as a prize an autographed story to the owner of my picture showing every single freckle.

"J. C. G." and Helen S.: Lewis Meehan, known as the Irish tenor of the Edison studio of KYW, Chicago, is shown here in thumb nail. He is tall and slender, about six feet in height, has slightly blond hair, is about 30 years old, and single. He has just returned to KYW's Edison studio, under the direction of Morgan L. Eastman, where he again is pleasing thousands of listeners. Lewis is a native son of New Mexico, and a favorite one at that, for the governor and other dignitaries there made an official contribution toward his musical studies. During the past summer, Mr. Meehan journeyed back to Santa Fe for the Fiesta and also appeared in concert and opera at Kansas City, Albuquerque and Denver.



Hm! And a couple of hmmmms. The "Whoozit" man tells me he has a great big shock for everybody and it's to come in the first November issue of Radio Digest. From what I gather, Marcella is going to be a big help in this new and interesting game of "Whoozit" which you will learn about next time. Thousands of dollars and all that sort of thing!

The trials of Marcella are great and many. In March J. S. K. asked all about "Magnolia Blossom" of KPDM, Beaumont, Texas. Not knowing the lady, I asked KPDM. But they did not forget—I asked KPDM—just yesterday or yesterday I re-

(Continued on page 11)

RUBAIYAT REVISION INSPIRED BY COVER

AS FOR the little balloon girl on the Radio Digest cover this issue we would say with the late Omar Khayyam in his inimitable verse: "A Book of Verses underneath the Bough, Thy Toy Balloon, a String of Beads—and Thou

Beside me singing in the Wilderness— Oh, Wilderness were Paradise enough!" And the singer in this particular instance is Miss Sophia Kasmir, recently prima donna of the Rainbo Whirl heard over WQJ, Chi-CAW-ro, at "Mann's Million Dollar Rainbo Gardens." But Miss Kasmir is also known in other midwestern broadcasting studios and Radio listeners residing in the wooded suburbs round about have known the pleasure described by the poet by hearing Miss Kasmir on the air.

SEND IN THE BLANK TODAY

Publisher Radio Digest, 510 N. Dearborn St., Chicago, Illinois.

Please send enclosed check M. O. for Three Dollars (Four, Foreign) for One Year's Subscription to Radio Digest, Illustrated.

Name

Address

City

State

ASKS FOR INTERFERENCE SURVEY

RADIO DIGEST PLANS TO LOCATE TROUBLE

TO PRESENT PETITION TO HOUSES OF CONGRESS

Desire Is to Remove All Causes of Extraneous Ether Noises Before Winter Season

By Evans E. Plummer

When Herz several score of years ago first sent Radio impulses all of several feet, everything was pure and sweet in Radioland. There was not a cloud in the ether world, and such a phrase as "Radio Interference" was undreamed of. Balmey days, those—but modern life has brought its complexities!

For instance, there is prohibition, canary birds, alarm clocks, facial lifts and golf. From the experience of the writer with the latter, just the latter alone, his life, indeed, has proved itself to be very complicated.

No More Sanitary Radio Programs

So what can we expect of Radio, long graduated from the days of Professor Hertz? How can we honestly look for nice, sanitary Radio programs, all wrapped in individual packages and untouched by human hands, ready to serve from the loud speaker without further preparation? Yes—how can we, when we have several hundred broadcasting stations all trying to give assorted programs with considerably different merits but all on the same wave length at the same time? The answer is, "Let's abate the smoke evil."

Electric refrigerators and oil burners of certain types, some elevators, Cottrell precipitators, electric generating stations, high tension electric lines, electric cars, arc lights of sorts, a familiar brand of electric heating pad, X-ray laboratories—halt, let us add no more—are doing their bit to make the ether unsafe for democracy and a fit place for a regiment of New York traffic cops to take their morning setting-up exercises.

Speaking of Attorney Generals

By now we hope to have convinced you that there is something doing in the air. If not, we will remind you of the U. S. Attorney General's decision which knocked the 1912 Radio law into a bunch of mumbbling and decent words. Now the Attorney General, whose official business it is to bust a perfectly respectable and time-honored law on the bezer and give it the count of ten, some months ago told all the boys who wanted wave lengths or licenses of better wave lengths, that the 1912 law was a valentine of something like that, and that all they had to do was grab a wave length and turn on the phonograph.

It is very evident that the Attorney General has never invested over thirty cents in a Radio receiving set.

Fill in the Blank Below

And now, with winter coming on and distant stations heterodyning (Egyptian word meaning "tangling" to the detriment of the Radio listeners' ears) from Podunk, Maine, to Squeedunk, Calif., we have nothing more to say, except that it is too bad we don't get a chance to vote for and against Attorney Generals.

Maybe you think I am trying to be funny. Huhmmmmmm, you should hear me talking to myself as I twist the dials! I must give up either Radio or my morals. Now the subject of this sad story is to be told. Radio Digest is taking a National Survey of Radio Interference. The blank to use in telling all about your worst symptoms is printed right down in the corner of this page. On the mark, get set, go!

Petition to Go to Washington

Incidentally, newspaper editors wishing to collect a few of these blanks for Radio Digest and help this publication find out what got into the ether after Mr. Hertz started putting things there, are at perfect liberty to reproduce this blank and tell their readers all about it.

But seriously, Radio Digest earnestly solicits your help in tracking down interference. Won't you spend a few minutes in filling out the blank and mailing it to this magazine at 510 N. Dearborn St., Chicago? Good, I knew you would—and, as a result, I'm going to have the five million blanks all bound in a great big book as large as a mail order catalogue, and then chain it around the Attorney General's or Mr. Herbert Hoover's or somebody's neck down in Washington.

Safety Rules for Receivers

WASHINGTON, D. C.—A booklet on "Safety Rules for Radio Installation" has just been issued by the bureau of standards. It goes into every phase of the work and the rules were formulated and approved by a committee organized according to the procedure of the American Engineering Standards committee.

ENGLISH BLONDES PREFER AMERICA



All kinds of gentlemen may prefer blondes, but Eva Sirwell, English damsel with flaxen hair, says she prefers America to Picaadilly. One reason is that she has found her success here as a popular jazz singer. As such she has sent her beautifully trained soprano voice many times over the microphone of KMOX, the "Voice of St. Louis," and over other stations in many parts of the country.

MILLING MOB MAKES NEW SHOW RECORDS

VAST THROGS AT CHICAGO RADIO EXPOSITION

Women Display Great Interest—Station Artists Appear in Person—Crown Champion Lady Listeners

CHICAGO.—The milling, seething crowd awkwardly snaking its way about the 300 exhibits at the Chicago Radio show, now on at the Coliseum, are mute and indisputable proof that the 1926-27 season is to the greatest in the history of broadcasting.

Attendance records, thought big last year, are falling daily by the wayside. Women predominate—the lady of the house wants a nice looking receiver for her parlor, and the kind of a set she can operate without trouble.

The exposition exceeds in size and scope even the immense Radio World's Fair in New Madison Square Garden, which was visited by 220,614 persons during the week of September 13.

All the latest devices in Radio apparatus, including much that was not ready for the New York exhibit, is being shown at the Chicago Coliseum, and feature events of national and international importance are scheduled.

Crown Champion Lady Listeners

The champion among the women of American in reception of long distance stations was awarded a silver trophy on the opening night. She is Mrs. Flossie E. Erickson of Bloomington, Ill., who has tuned in 326 stations, many at 2,000 to 4,000-mile range. She also received another silver cup for winning second prize in the annual Radio Queen contest for her essay on the service broadcasting is rendering to the women of America. Mrs. Lotta Harrauff of Princeton, Ill., the Radio Queen, was here in person to congratulate her.

Mrs. Erickson told the invisible audience how she meets with such success in Radio. For one thing, she uses eight different aerials, and has several kinds of receivers.

All in all, an enchanting picture unfolds itself to the thousands of visitors attending each day and night. The Coliseum is decorated lavishly, with multi-colored lights at every corner, and just below the ceiling and around the sides are hundreds of yards of bunting in a color scheme to conform to the general decorative effects of the booths.

The staffs and artists of the Chicago stations are holding receptions at the show and meet in person the fans who up to the time of the exhibition have had no chance to greet their favorites.

NATIONAL SURVEY OF RADIO INTERFERENCE

CUT THIS OUT—FILL IT IN AND SEND IT TODAY TO:

Radio Digest
PROGRAMS
Illustrated

HELP CLEAR THE AIR OF TROUBLESOME INTERFERENCE

WRITE PLAINLY, TYPEWRITE OR PRINT

1. I am } troubled with interference in receiving.
I usually listen Monday, Tuesday, Wednesday, Thursday,
(Strike out days which do not apply)
Friday, Saturday and Sunday nights between the hours of
..... and The interference
usually occurs between the hours of and

2. The interference sounds like crackling, hissing,
whistling or howling like the wind, low hum or
(Strike out descriptions not applying)

3. The interference is } equally noticeable all
over my dials. It occurs at the following wave lengths, or
near the wave lengths of the following stations:

4. I am located within } feet } of a Cottrell
..... } miles } precipitator (smelters are often equipped with these
(Strike out whatever does not apply)
devices), electricity generating station, high tension electric
lines, X-ray laboratory, arc lighting system, sanitarium
using many electric heating pads, or
I do } believe this causes the interference described
I don't }

under 2 above as

5. Since the Attorney General's decision which permitted the licensing of all stations to use whatever wave lengths they found advisable, I have not been able to receive satisfactorily the following favorite stations which I formerly received and enjoyed:

6. Since the Attorney General's decision, I now receive the following stations satisfactorily which I formerly did not hear but now enjoy:

7. A local or nearby Radio Club or committee } is }
investigating Radio interference. The name of this club
(or name of member of the committee) is:

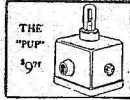
and the address is:
(Street and number or R.F.D.)

City and State:

8. My own name is:
and my address is:
(Street and number or R.F.D.)

City and State:

CROSELY RADIO INSTRUMENTS
Each item the utmost in radio at its price. All prices slightly higher west of the Rocky Mts.



This little double-circuit one-tube set has brought happiness to thousands and made records for long distance receiving.



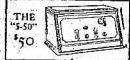
A 4-tube receiver of amazing efficiency. Crescendon equipped. Everywhere considered marvelous at its price.



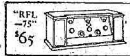
The 4-29 in portable form handy, compact, efficient.



A five-tube tuned radio frequency set, with two stages of non-oscillating radio frequency amplification, Crescendon control, two stages of audio frequency amplification.



5-tube, single drum station selector, acuminators, Crescendon, power tube adaptable, all-metal shielded chassis.



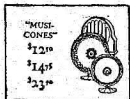
5-tubes. True-cascade amplification; non-oscillating, non-radiating even under any mis-handling. Its perfect balancing achieved by Wheatstone bridge in each stage of amplification. Exceptional selectivity and tone.



In a mahogany console, 5-tube 6-50 receiver. Crosley Musicone speaker, ample compartment for batteries.



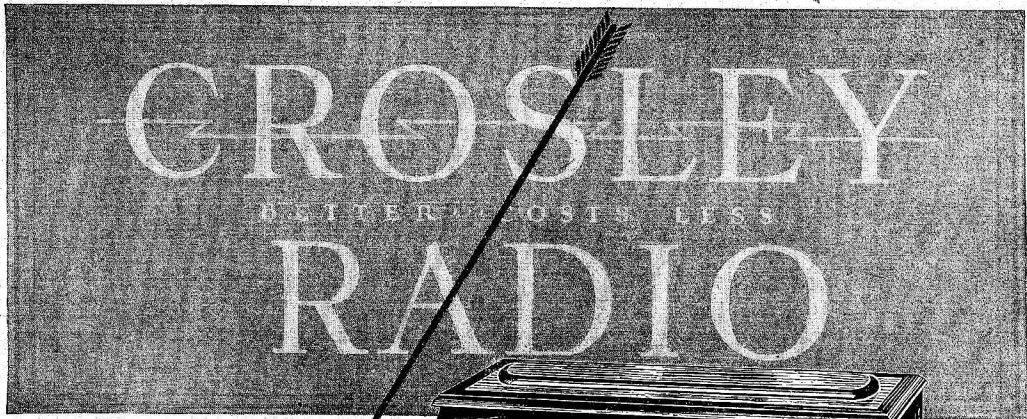
Introducing the double drum station selector! Includes Musicone in exquisite console. Room for batteries and all accessories. 41 inches high, 30 1/2 inches wide.



Regular 12-inch size. \$12.50. Super Musicone, with still finer volume and tone. \$14.50. Musicone Deluxe in mahogany "clockcase." \$23.00.



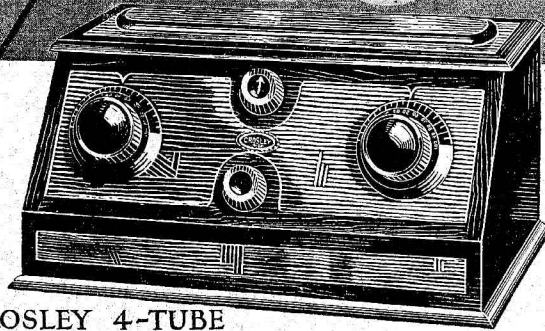
Embodies the Musicone in a beautiful console of two-tone mahogany finish and provides room for batteries and accessories. 24 1/2 inches long inside.



PAY ONLY

\$29

for **THE CROSELY 4-TUBE 4-29 MODEL and ~**



"Listen to Everything"

HERE IS remarkable performance at very low cost. This little set amazes owners the country over by its range and the quality of its reception.

It is a most ingenious arrangement of regeneration, blocked against re-radiation by a stage of radio frequency amplification, with two stages of audio amplification to afford ample volume on the loud speaker. The Crescendon enables operators to build up weak signals to room-filling strength.

The Crosley 4-29 has thousands of enthusiastic owners, located

amid various conditions of radio reception.

The many unsolicited letters received indicate its great efficiency and satisfying qualities.

The price is possible only through Powel Crosley Jr.'s program of great production. Like all other Crosley models, this set is built in tens of thousands of quantities, reducing unit cost tremendously.

The 4-29 model is an excellent value—efficient, low in price, carefully made, compact and easy to operate. The cabinet is finished in beautiful two-tone mahogany. Price does not include tubes and accessories.

THE CROSELY RADIO CORPORATION, CINCINNATI—POWEL CROSELY, Jr.,

Crosley manufactures radio receiving sets, which are licensed under Armstrong U.S. Patent No. 1,113,149 or under patent applications of Radio Frequency Laboratories, Inc., and other patents issued and pending. Owning and operating station WLW, first remote control super-power station in America. All prices without accessories.

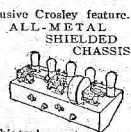


President
For Catalogue write Dept. 49

OUTSTANDING FEATURES OF CROSELY RADIO DEVELOPED BY POWEL CROSELY, Jr.



THE "CRESCENDON"
When, on ordinary radios, extra effort must be made to catch a station miles away, a turn of the Crescendon on Crosley radios instantly swells reception to room-filling volume. An ex-



clusive Crosley feature. **ALL-METAL SHIELDED CHASSIS**
This truly great radio achievement, found

in several Crosley sets, furnishes a substantial frame for mounting elements, produces excellent alignment of condensers, shields the units from each other, prevents inter-stage, improves the stability of the circuit, increases selectivity and saves costs by standardizing this

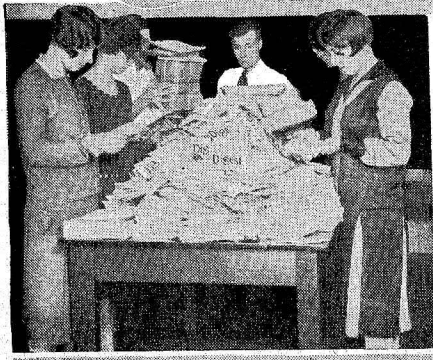
phase of manufacture. **THE SINGLE-DIAL STATION SELECTOR**
Nothing in radio equals the joy or the convenience of single dial control. Crosley single drum control enables you to find the stations sought

without log book or "tuning." **THE "ACUMINATORS"**
Crosley Acuminators provide sharp tuning where reception spreads broadly over dial, easily tune out local and bring in far stations. Ordinarily, once

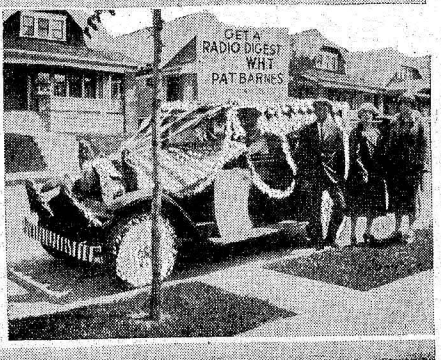
adjusted and they need not be touched again. **USE OF POWER TUBE**
Power tube adaptability marks the Crosley "5-50" sets. This feature typifies Crosley provision for best radio reception at moderate cost.

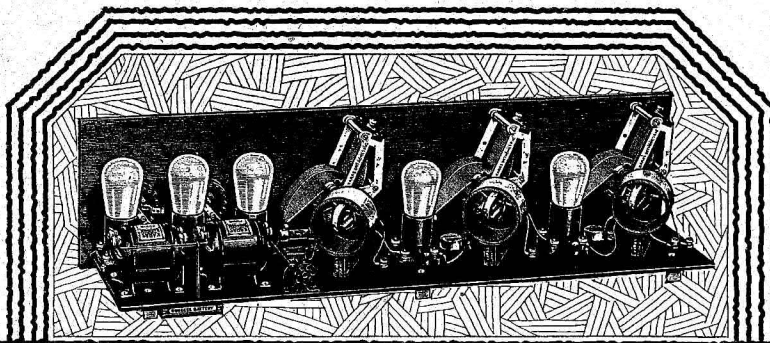
QUALITY AND BEAUTY IN CABINETS AND CONSOLES

Leaders in Announcers' Award



ABOVE are the fifteen announcers in the 1926 Radio Digest Gold Cup Award who won Honorable Mention Certificates. In the order they finished, they are: 1. G. C. Arnoux, KTIS; 2. Norman Brokenshire, ex-WJZ; 3. The Hired Hand, WBAP; 4. Henry Field, KTNF; 5. Chester Gaylord, WTAG; 6. Phillips Carlin, WYAF; 7. Robert Griffin, WHO; 8. A. S. Kyme, KMMJ; 9. H. Dean Filzer, WDAF; 10. Peter MacArthur, WOC; 11. C. R. Randall, WSMB; 12. Louis John Johnson, WLW; 13. Lester Palmer, WOAW; 14. E. L. Tyson, WWJ; 15. Gayle V. Grubb, KFAB. Girls counting last mail in contest, at left, and Pat Barnes float in Milwaukee pageant, right. Complete standings with votes are in another column. The presentation of gold and silver cups to May and Barnes, respectively, is being made at Chicago Radio Show.





The Karas Equamatic Five Tube Sensation!

Equamatic System Licensed
Under King Patents
Pending

The Wonder Circuit That Is Featured in This Issue of Radio Digest

The entire Radio world is discussing the new Karas Equamatic wonder circuit—the sensation of Radio—that is being featured in this and succeeding issues of Radio Digest.

The Karas Equamatic is a sensationally different circuit—something entirely new and automatic in Radio—a five tube receiver that does more than most six or seven tube sets can possibly do.

This marvelous new invention actually accomplishes what Radio engineers heretofore have sought in vain to achieve: An automatic, simple and highly efficient system of coupling by means of which there is obtained a continuous practical maximum and an absolutely equal transfer of energy between primary and secondary inductances at all wave length settings of the dials.

Read about the Karas Equamatic in the editorial pages of this issue of Radio Digest. Learn about its super-selectivity—its unbelievable sharpness—its clear, pure, crystal-like and powerful signal—and its unsurpassed volume. Experts have told us that it has the selectivity of a super-heterodyne—the sensitivity of a regenerative set—and the purity of tone of a crystal detector. They have marveled at the quality of its tone—at the miracle of its automatic tuning—and the efficiency of the various parts of the circuit.

How These Results Are Accomplished

The primary coils of the Karas Equamatic Inductances are mounted on the extended shafts of the Karas Orthometric Condensers, so that as the condenser dials are turned the primary coils provide a properly increased amount of inductance for every successively longer wave length setting of the dials. This variation of inductance between primary and secondary coil is kept in exact, ever-varying step with the variation of the capacity changes of the variable condensers. In the Equamatic Receiver it thus becomes possible for the first time to have all of the tubes operating at the very peak of their efficiency—just below their oscillation point—at EVERY wave length setting. In no other receiver or hook-up has this same feat been accomplished.



Karas
Micrometric Dial
exactly the amount of energy required to cause the tubes to operate constantly at their highest efficiency.

Takes All of the Guesswork Out of Tuning

The Karas Equamatic takes all of the guesswork out of tuning. Its positive, automatic action provides the absolutely exact amount of coupling—at every wave length setting—necessary to deliver to the secondary coils exactly the amount of energy required to cause the tubes to operate constantly at their highest efficiency.

Think of being able to vary the coupling automatically, and at a rate that keeps the tubes always operating at 100% efficiency! Think of a set which entirely eliminates the overlapping of electrostatic and electromagnetic fields, with their harmful broad-casting and distorting effects! Think of being able to build such a receiver yourself, in a few hours of your spare time, and without as much difficulty as building an ordinary 4-tube set.

The Equamatic Is Easily and Quickly Built

The construction of a Karas Equamatic 5 Tube Wonder Set is so simplified by means of Karas panel and subpanel layouts, Karas parts and the Karas manual of complete instructions and wiring diagrams that you can easily and quickly build this receiver. There are no delicate or complicated adjustments—no hard stunts in wiring the Equamatic. Even though you may never have built a Radio set before in your life you can build the Equamatic and get from it exactly the same results as though it had been built for you by the most expert set-builder.

We include a complete manual of simple diagrams and instructions with every set of Karas Equamatic Inductance Coils. These show where every part is placed—how to make every connection—and tell the complete story of the wonderful Equamatic Circuit.

To build one of these wonder sets you will need the Karas parts listed on the attached coupon, plus other standard parts easily secured anywhere.

Order From Your Dealer or Direct From Us

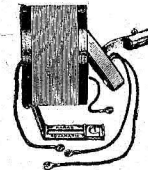
All of the parts for the Karas Equamatic are carried in stock by reliable dealers in most cities. If your dealer happens to be out of stock, and you are in a hurry, you may order the Karas parts for this receiver direct from us by using the coupon at the right. If you order from us, SEND NO MONEY! Just fill out and mail the coupon and when the Karas parts are received hand the postman the price of these parts plus a few cents postage.

Order Today—Start Building Your Set at Once

Here is the Radio set you have been waiting for. It is the set Radio engineers have been searching for. You will want to have one of the first Equamatic receivers in your neighborhood. Don't delay! See your dealer today, or mail the coupon NOW!

Essential Parts of the Karas Equamatic Sensation

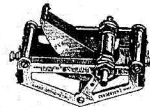
Karas Equamatic Inductance Coils are packed three in a carton, and come to you with complete manual of simple diagrams and instructions, all necessary nuts, screws and binding posts, ready for mounting in your receiver.



Price, set of three coils.....\$12.00

Karas Special 17-Plate Orthometric

Condensers, three of which are used in the Equamatic Receiver, have special extended shafts upon which to mount the primary coils of the Inductances. Price, each.....\$7.00



Karas Harmonik Audio Frequency Amplifying Transformers are essential to the tone quality success of the Equamatic Receiver. Two of these are used for the two stages of Audio frequency amplification. Price, each.....\$7.00

Karas Equamatic Retard Coils, two of which are used, were designed especially for the Equamatic System. Price, each.....\$1.00

Karas Equamatic Sub-Panel Brackets. To insure the necessary exact positions of primary and secondary coils these brackets are essential. Price, set of three.....70c

Karas Micrometric Dial. It has a 63 to 1 vernier and tunes to 1/1000 of an inch. Price.....\$3.50



KARAS ELECTRIC CO.

1077 Association Bldg., Chicago, Illinois

Please send me a set of 3 Equamatic Inductance Coils, \$12.00; 3 special Orthometric Condensers with extended shafts, \$7.00 each; 3 Micrometric Vernier Dials, \$3.50 each; 2 Harmonik Audio Transformers, \$7.00 each; 2 Equamatic Retard Coils, \$1.00 each; and 3 sub-panel brackets, 70c, for which I will pay postman \$6.25, plus postage, upon delivery. It is understood that I have the privilege of returning any of this apparatus for full refund any time within 30 days if it does not prove entirely satisfactory.

Name

Address

City..... State.....

When cash is sent with order we prepay carrying charges

KARAS ELECTRIC COMPANY

1077 Association Building
CHICAGO

"King" Builds Karas Equamatic

BROTHER—I've found sumthin! A circuit so old, except for a couple of dufflers, that my girl friend, Maggie the cook, called it the Super-Zero. I'm saying she did until I threw the second dial into high gear and California breathed in with a "Good Evening Everybody" or whichever they say in California. From that moment on, until I busted her to bed for fear the milkman on his morning rounds would think she had just returned from a party where "a good time was had by all," that culinary dial covered every part of the United States worth covering.

Stations came in which I had learned were on totally silent night schedules; that is, they were sure silent on the Whatzit I had been using. When I dared to opine that I felt a trifle more C battery bias would be desirable toward compensating for the extra B battery drain the wee hours were pulling, my girlfriend of the dishpan refreshed my memory through casually mentioning, "You married me for better or worse—and if you desire to avoid the 'worse' part, then keep your technical mitts offa this. I'm telling you this is one receiver which brings to me messages and sweet music from afar an' you haint agoin to mess it up."

Aw—right, aw—right, and neighbor, the above is a true and authentic report of the proceedings between said technical man and one Maggie the cook covering the introduction of the Karas Equamatic Circuit sensation to Her Highness by his lowness.

CIRCUITS may come and circuits may go, but cooks go on forever. Howsoever methinks the prospects of my eating three squares each and every day have been materially enhanced through bringing this baby home and agreeing that Mag could have it for "her very own." It is some receiver—some circuit, and so fundamentally sound that it's well worth building by everyone who has patiently waited for a real "go getter."

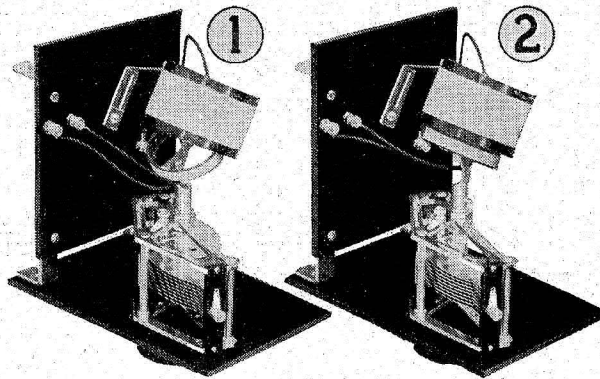
You have wanted volume, distance with a punch, selectivity, Bleg "is. You've wanted a circuit that would bring you up just under the point oscillation and let them roll in on the low wave lengths—one that would step into the picture and not forget its volume when up on the long waves. The Equamatic does all of this and in a manner so smooth, so entirely free from distorted blah that I don't blame Maggie a darned bit tipping me off to the fact that Radio was "Something" when one could have a performer like that.

Any Radio circuit that will keep her up seven minutes past her beauty sleep schedule has to go smoothly. As for me—well, I stayed up for financial reasons just to see that she didn't start out a ton of telegrams telling the wide world that they were "coming in fine." Far be it from me to write more than 65 words of praise about anybody's circuit, except my own, of course, unless there is a big reason coupled with a bang-up new idea hidden some place in the hook-up. Merely making a statement without telling why it performs so wonderfully well is a good deal like hunting for a black cat in a dark cellar when your darned sure it isn't there. There are so many "best" circuits hovering around the Radio horizon that it really becomes a pleasure to have the privilege of telling the "Why's" of the Karas Equamatic.

IT IS a good circuit. A simple tuned Radio frequency cascade-coupled job. But—with all of the bugs carefully taken out of it. Louis G. King of Brooklyn, N. Y., is sponsor for it, and has licensed the Karas Electric Company as sole licensees for its manufacture. It works, and works a whole chunk better than ordinary human beings expect today's receiver to work. The expert experimenter, once he grasps the idea back of its goodness, is going to yell because he didn't think of it first. That's a fact, because Maggie told me that if I had

PART I, Wherein a Famous Radio Character Returns to Tell His Many Friends How to Make a Selective DX Getter That Goes Out and Pulls Them in

By "KING MILO" GURNEY



brains instead of a brain cell, I could have had the glory and perhaps money enough to buy her something aside from necessities (the starving kid).

I have not had the pleasure of meeting Mr. King. In truth I am not so sure that I care to. Not but that he is a very fine

chap, but my past experience with the word "King" in my household didn't get me over so well. Maggie, the Queen, seemed to be the domino ace and I'm saying, "They is wise hubbles who know enough to not bring up the past." But getting back to this little wonder

of Radio. Playing "Silent Night," just because your receiver would break into oscillation on the low wave lengths, and solitaire, because you could not get any volume on the high ones, was fast becoming a habit in place of a theory. Engineers finally beat both of the games, either by inserting lossier devices in the grid input of the tube, its plate or filament return. Another army broke into print with compensators. When—lo—out of the maze came a man who had never heard that it was impossible to do other than compromise and let it go at that; a man who had heard someone say that this and that just could not be done—so he went ahead and did it. That's what the Karas Equamatic circuit is—the doing of something that everyone said could not be done.

YOU couldn't possibly be interested because it is so ridiculously simple. You surely wouldn't care a rap to build it, because your friends would all flock in to hear it and mess up the polished hardwood floors. However, upon second or third thought, Maggie may have some of her 8,000 friends patiently waiting for a real receiver which they can build, so here goes, not only for a detailed explanation telling "Why" it's a real circuit, but also how to build it and make it talk to you from the far away places, "where men are men and women are governors," as the Hired Hand says.

The object of the circuit arrangement invention is to provide a continuously equal transfer of energy between the primary and secondary of a Radio frequency transformer at all wave length settings between 200 and 600 meters. Obviously the amount of energy to be transferred is to be at all times the practical maximum. This is accomplished with an ingeniously arranged primary which is located upon the shaft of the variable tuning condenser of each radio frequency transformer, and rotatable with the condenser.

However, as we pass on into the higher wave lengths a greater number of turns upon the primary become necessary. This fact is based upon the law that the impedance of a tube varies with the frequency which it is passing, and, further, the law that likewise the amount of energy transferred from primary to secondary varies with the impedance. These laws, then, have prevented circuits employing fixed primaries from functioning at maximum efficiency over the entire broadcast band (200-600 meters).

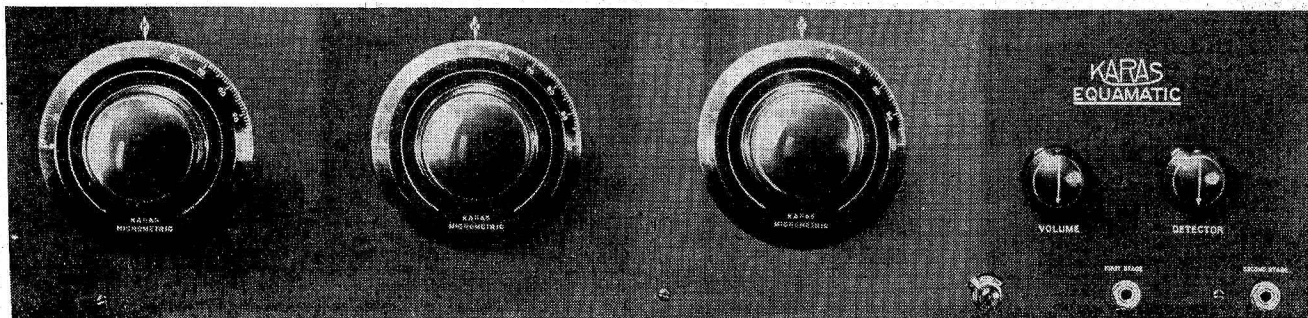
A compromise number of turns on the primary has had to be used, and these primaries therefore were only fully efficient at a given wave length or the designer was compelled to resort to the incorporation of "lossier" devices. These are generally effective toward keeping the circuit from breaking into oscillation upon the lower frequencies but did not provide a solution toward securing the desired maximum transfer of energy at the higher wave lengths. Breaketh the dawn? In addition, loss devices in the form of non-inductive resistances are, as their name implies, purely resistances which are inserted in the grid circuit and materially broaden the tuning of the circuit.

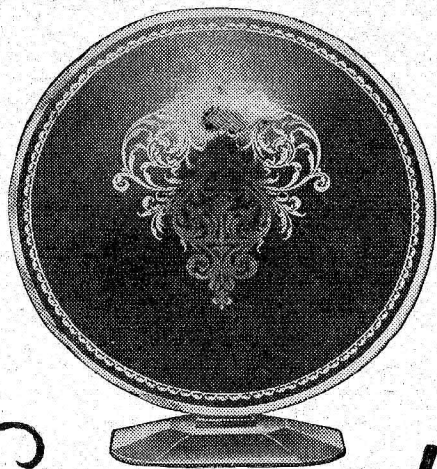
WITH the Karas Equamatic system, no lossier device of any character is employed. A big, husky 14-turn primary is used. It is well sufficient to furnish the desired energy transfer on the higher wave lengths. On the lower wave lengths where large primaries would wreck reception through causing tube oscillation to be set up, the variable feature of the primary comes into play and value. Operating entirely automatically as one turns the dials of the condensers in

(Continued on page 30)

LIST OF PARTS

3 Karas Equamatic R.F. Trans. @ \$4.00	Karas Elec. Co., Chicago, Ill.	\$12.00
3 Special Karas Orthometric Extended Shaft .00037 mfd. 17-plate Condensers @ \$7.00	" " " " "	21.00
3 New Karas Micrometric Vernier Dials @ \$3.50	" " " " "	10.50
2 Karas Harmonik Audio Trans. @ \$7.00	" " " " "	14.00
2 Karas Equamatic Retard Coils @ 1.00	" " " " "	2.00
3 Karas Equamatic Sub-panel Brackets	" " " " "	.70
1 Karas Equamatic Drilled and Gold Engraved Front Panel 7"x28"	Formica Insulation Co., Cincinnati	6.80
1 Karas Equamatic Completely Drilled and Engraved Sub-Panel 6"x27"	" " " " "	4.69
1 Carter "Imp" 10-ohm Rheostat with Dial (Gold)	Carter Radio Co., Chicago, Ill.	1.50
1 Carter "Imp" 20-ohm Rheostat with Dial (Gold)	" " " " "	1.50
1 Carter No. 104 Interstage Phone Jack (Gold) for First Stage Audio	" " " " "	1.05
1 Carter No. 101 Open Circuit Phone Jack (Gold) for Second Stage Audio	" " " " "	.75
1 Carter "Imp" Battery Filament Switch (Gold)	" " " " "	.75
1 Sangamo .00025 mfd. Fixed Condenser with Grid Leak Clips	Sangamo Elec. Co., Springfield, Ill.	.50
1 Anso 2-megohm Grid Gate	Amsco Products, Inc., New York	.45
2 Rudiall No. 1-A Amperite 6-volt Resistors with Mountings @ \$1.10	Rudiall Co., New York	2.20
1 Eveready 4½-volt C Battery	National Carbon Co., New York	.60
1 Jones Multiplug with Mounting and 8-ft. Cable	Howard B. Jones, Chicago, Ill.	4.50
5 Benjamin U. X. Cushion Sockets @ \$0.75	Benjamin Elec. Co., Chicago, Ill.	3.75
1 Electrad .0025 mfd. Fixed Condenser	Electrad, Inc., New York	.40
1 Electrad 1-mfd. Bypass Condenser	" " " " "	.90
Binding Posts, Screws, Spaghetti, Bus Bar, Lugs, etc.	" " " " "	1.00
Total Cost.....		\$91.54





Ec-centric!

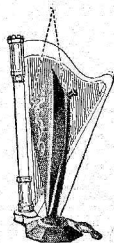
the new SAAL CONE
gives scientific reproduction
of ALL tones

Ec-centric construction — you have never seen it before in a radio speaker. It is the newest scientific development in cones. But it is based on the oldest musical principle—that of the melodious harp.

In the harp [as in the piano] long strings produce deep, low vibrations; short strings, the high notes.

For the first time in radio the Saal Ec-centric Cone speaker—with its center literally "off center"—provides these exact relative proportions of vibrating area for high and low notes—giving perfectly realistic, scientific, all-tone reproduction without unnecessary size. A cone built on musical as well as mechanical principles. Permitting a price never before possible in quality speakers.

Drum or barrel tone is completely eliminated by Ec-centric construction. Operates perfectly with or without a power amplifier. The instrument is beautifully embellished with scrollwork medallion and border design in gold. Examine the adjoining diagram, then hear the Saal Ec-centric. A permanent investment—built for a lifetime. Write for descriptive literature. Saal cones are fully protected by patents.



Side view of Saal Ec-centric Cone in comparison with the harp. Note the relation of short and long sides, giving proper vibrating area for both extremes of sound.

Saal Ec-centric Cone
Height 22 inches

\$25

Junior Cone Model
Height 16 in. **\$15**
Slightly more
West of Rockies

H. G. SAAL COMPANY
1800 Montrose Avenue
Chicago, Illinois

SAAL

WORLD FAMOUS MAKERS OF HORNS · CONES · PEDESTALS

Many a "radio evening" depends on this moment



THE moment you pay for a radio battery, you pay for something more than "just a battery." You are investing your money in many evenings of radio pleasure . . . or disappointment. You must get a battery that will give you trouble-free service and good, clear radio reception.

Prest-O-Lite Storage Batteries, made especially for radio use, have back of them more than twenty years of manufacturing experience. They are honestly made from the finest materials.

When you select a Prest-O-Lite "A" or "B" Storage Battery you are certain of getting real battery value. You are certain of getting batteries that can be depended upon to deliver their rated ampere-hour capacities.

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Send for Free Booklet

"What every owner of a radio should know about storage batteries" is a little booklet which every radio fan will find interesting and helpful. It is crammed full of hints that will bring surprising radio results—and save you money. It's yours for the asking, without obligation.



Designed especially for radio

Prest-O-Lite

STORAGE BATTERIES FOR
MOTOR CARS AND RADIO

GOODY GOODY GIRL

LIGHTS were out and Lois listened with thumping heart at the door of the room where her stern and unrelenting stepfather, Phineas Blair, had gone to bed. Sounds of deep and regular breathing from the shadows told her that he was fast asleep. A moment later with a heavy grip in her hand she was passing through the gate of the little farm yard and on her way to the town of Paradise and a train that in the morning would take her to the home of a friend in Kaneville.

She trudged along the dark road stumbling over the uneven ruts when suddenly the headlights of an automobile spread a glare over her. She hid in the bushes at one side. But Herbie Coles, a neighbor she had never liked, stopped the car, got out and found her. He almost compelled her to enter the car and offered to take her to town. "But you must pay with a kiss," he said. She answered with a sharp slap on Herbie's face and jumped out of the machine. He called her a "goody goody" girl as he threw her suitcase after her.

Dawn was breaking as Lois wearily approached the platform of the railroad station. In the dim light she saw old Phineas striding up and down waiting for her. She ran behind a train that had just pulled in on an opposite track and was helped aboard by a young man who introduced himself as Raymond Lancaster. Exhausted she accepted the hospitality of his state room and in a few moments had dropped into a dead sleep. She was awakened by Lancaster shaking and calling to her. She had passed the junction that would take her to Kaneville and was told that it would be necessary for her to continue to Chicago.

Lancaster confessed a case of "love at first sight." While she half heartedly repulsed his advances there was a knock on the door. Lancaster admitted Mrs. Mildred Gayton whom he introduced to Lois with some indication of reluctance. Mrs. Gayton quickly gained the confidence of the girl and took her in charge. She met Mrs. Gayton's companion, Neil Becker. Arriving in Chicago, Mrs. Gayton took Lois to her menage in a luxurious apartment near Lincoln Park. At a party given the following evening Lois tasted champagne, unknowingly for the first time and was shocked by familiarities attempted by Becker on the dance floor. Then she saw Lancaster at another table.

CHAPTER VI

The Cabaret

LOIS felt steadied somehow, as if a strong hand had caught her in the act of falling. That peep behind Neil Becker's mask had aroused fear in her; sight of Lancaster drove it away. She mustered a smile for him—a wan, sickly sort of smile, she fancied—and nodded at him across the crowd.

At once he got up, spoke to his companions and started toward her around the end of the long table at which she sat. One of her fellow-guests saw him and set up a shout of welcome. Others chimed in, stopping him for this, that and the other exchange. Lois saw, though, that his eyes kept straying to her. Eventually he reached her and she half-turned and gave him her hand.

Neil Becker acknowledged the newcomer's presence with a curt "Good evening," then ignored him. Lancaster stole a glance around the table, spoke bantering: "I wonder if I might steal you for a few moments." Soundlessly he added, speaking with his lips alone: "You must come."

Lois rose obediently, saying: "You'll excuse me" to Becker. Immediately she became aware that something was not right with her, that her head felt light, her legs inclined to sag. She clutched at Lancaster and he took her firmly by the arm and led her away. She sensed rather than saw that they passed through near-by French doors and came onto a wide, cool, dimly-lit verandah. Then she was lowered into a deep arm chair and his voice addressed someone, a waiter evidently: "Bring coffee, very strong and black."

HE bent over her, his hand holding her head steady against the back of her chair and his voice seemed to come from a great distance: "Take it easy. Keep quiet."

"What's matter?" she murmured, her tongue thick. "Whole place going up 'n down . . . round 'n round . . . light's dancing . . . head whirling . . . feel so funny . . ."

"It will pass. Just keep quiet. You'll be all right," he soothed. Then, after a bit: "Here; swallow this."

"This" was the coffee—hot, pungent,

CHARMED, as the Helpless Bird is Held by the Snake's Glittering Eyes, Lois is Drawn into the Giddy Swirl of Mrs. Gayton's Crowd. Will the Snake Strike this Little Country Girl?

By MERLIN MOORE TAYLOR

unsweetened. Lois tried to push the cup away after the first bitter mouthful but he was adamant and induced her to swallow it all.

"Lie back, keep your eyes closed," he commanded. "Things will commence to stand still again in a few minutes."

When she ventured to open her eyes a little while later the world had ceased its mysterious whirling, but she was feeling, well, a bit groggy still.

"That's what you were—groggy," he said when she mentioned it. "What else could you expect after drinking down

"I can't very well so long—here she comes now."

Mrs. Gayton proved to be greatly perturbed. "I've been looking everywhere for you. Couldn't imagine what had become of you. I was frightened and Nell's in an awful temper."

"Miss Sylvester and I were sitting out in preference to dancing," said Lancaster.

"You've kept her away an hour." "I didn't realize it. Time flies in charming company. I'll go and apologize to Becker."

About "Whozit"

IT'S time for something new on the air. We have had our Radio plays, strip cartoons, children's hours, carnival jinks, trick musical instruments, birds and animals and they were good. But now we are ready for the next thing—something that never has been tried before. What shall it be? Don't bother to think up something. It's already been done and man, Man Alive! It's a Whiz! They call it WHOZIT! And WHOZIT'S right.

Ever ride the breakers on one of those Hawaiian whatzits? You've seen the movies even if you never were there yourself. Imagine riding the ether whitecaps on your tuning panel! But that's not even a hint of what the real thing is like. It is absolutely something new for the Radio listeners and it's going to sweep the fans across the country in a way that will make the crossword puzzle craze look like a game of jack straws. Oh, you never could guess. You simply must get the particulars when they are presented to the public for the first time in the next issue of Radio Digest, out, October 31.

one glass after another of champagne?"

That brought her upright in a hurry. "Champagne? I've been drinking champagne?"

"That stuff in the glass you emptied so often."

"I thought that was flavored carbonated water or something like that. It tasted very nice and harmless. I liked it."

"Yes, I noticed," he spoke dryly. "I was quite sure you didn't know what it was. You were showing signs that it had begun to get you. It does that, unexpectedly, if you're not careful. One minute you're dead sober; the next—well, you're drunk."

"OH!" The one word embraced

much. "I've been drunk. Drunk!"

"But not disorderly," he hastened to assure her. "I'm sure no one noticed. If they did . . . it doesn't mean anything nowadays . . . no one gives it a second thought . . . I shouldn't, either, if I were you."

"But—drunk?"

"Forget it, I tell you. You're all right now."

"Thanks to you."

"Living up to my name—wise protector, you know. That's all. I'm glad I have you here. I want to say something. Beware of Neil Becker."

"What do you mean?"

"I happened to be looking when you were dancing with him. I saw something . . . I can imagine about what he was saying . . . Oh, I know you called him for it . . . he doesn't mind that . . . he's thick skinned that way—and persistent. If things get too much for you, better get my address and number from the phone book. I'll come on the jump. Any time."

"You're not coming to see me? Mrs. Gayton won't—"

"NO, don't come with us, I'll square it with him."

He bowed and she led Lois away. "I'm not angry with you, child," she said. "I can't imagine why Raymond, though—"

"I won't have him blamed," Lois broke in. "If you want the truth, I drank too much champagne, not knowing what it was, and it went to my head. I—was—was—"

"You were?" There was relief in Mrs. Gayton's tone. "In that case it will be all right. We thought Raymond was deliberately keeping you away. It was all I could do to keep Neil—"

"Isn't he friendly with Mr. Lancaster? When they're together I seem to get a feeling of tension in the air, drawn swords—"

"Oh, nothing so serious as that. Business differences, that's all. Something to do with stocks or bonds, or something of the kind. I don't know the details. Now, you leave Neil to me. I'll make everything all right."

She was as good as her word. Becker lost the thunderstorm expression with which he greeted them, after she had talked to him in a whisper. He acted as though the others drank heavily, but he did not ask her to dance again although he took the floor with other women. Lois herself ventured out twice—once with Victor Jermin, who was insistent; again with a man whose name she did not get and who said little.

The glass in front of her had been filled again, but it remained that way although the others drank heavily—of the champagne while it lasted, out of flasks that came from hip-pockets, out of bottles that came from under the table and went back again in seemingly endless procession. The hilarity grew louder, more inane.

Jermin, growing a bit maudlin, tried

to hold Lois' hand under the table when she foiled his efforts to do it openly and begged her in a hoarse whisper to kiss "papa."

Lois indignantly told Mrs. Gayton about it as they rode home alone in the limousine, for Becker had pleaded that he must see a man about something that would not wait.

"I wanted to slap him," the girl said. "The idea of him making love to me, pawing me, saying suggestive things as if I were a common woman!"

"JUST an old man playing with the embers of burnt-out desire, my dear. I'm sorry, though, he picked on you. I was hoping you'd like each other. Victor, if he will, is just the person to help you with your singing. There was a time when he was quite a singer himself. Something happened to his voice, though. He disappeared. I've heard that he was a coffee grower somewhere in the straits, a bitter, soured man. Then—and not so long ago—he got hold of money. Now he's blossomed out as a man about town. He plays hard at it. If he should happen to take a fancy to you—"

"It seems a bit dishonest to string a man along, pretend you like him and so on, just for what you can get out of him, but—" Lois sighed—"I'd almost kiss Victor Jermin if you're right. I'd do a lot to get my chance at a career."

"Leave it to me and you go along being as nice to Victor as you can. I fancy he's harmless enough. As the Spanish say, 'God didn't begin to give him nuts until he had no teeth to crack them.' Now, let's talk about something else. Clothes for you, for instance. Tomorrow we'll go shopping and fit you out. The crowd's got enough things planned to keep us going at a busy gait for some time."

The fitting-out process proved unalloyed delight for Lois. She reveled in the gowns, dresses and a suit or two that were bought for her. The dainty, silken underthings, the hats, the shoes, the little accessories sent her into ecstasies. Their staggering cost perturbed her, however.

"Oh, why are you doing all this for me?" she asked after hearing Mrs. Gayton ordering everything charged, as usual.

"Put it down to a quixotic whim that you are myself as I used to be," smiled the older woman. "I was a small town girl myself. I came to the city with dreams of making good. I was doing it, too. Then the high-life lured me—and in the end got me, too. I have an idea you are made of sterner stuff, that you'll rise superior to all its sham and tinsel and glitter and in the end be better off for it. When you do settle down it won't have for you the lure of the unknown. It won't distract you and you can go ahead with your career unhampered. When I see you making good I'll pretend it's me and be as happy as you. Do you get it at all?"

"I think so," Lois spoke soberly. "Just the same I think you may be playing with fire. It's a dangerous thing to feed a girl on caviar and expect her to go back to bread and milk later."

"Caviar day in and day out loses its relish after a while. I fancy you'll be glad to go back to the other. You're that kind. Meanwhile, go ahead and play while you can. If you're the girl I think you'll be fed up on it in a little while and then we'll get our heads together and plan."

WHAT she had called play Lois found strenuous. The crowd, as

demanded a continuous round of activities to relieve the ennui and boredom that is the inevitable result of too much time, too much money, too little work. Nightly clubs, cabarets, the theater, amusement parks, dances and so on claimed them. In the afternoons there were ball games, polo matches, the races—anything and everything that promised, even the tinnest of thrills and the killing of a lot of time.

Lois found it all very exciting, largely because it was so very new to her. Poor all that she herself called a "live wire" and approval shone in the eyes of the men and women about her, she was not exactly happy, however. Something told her that she did not belong to this kind of a life; that it was, as Mrs. Gayton had predicted, feeding her up. The real thrill, she told herself, still lay ahead. It would come when she was doing things for herself, not being a parasite on others.

Mrs. Grayton nodded approval when she mentioned something of all this. "It's working out just like I hoped," she said. "I think it's time for this start working on Victor Jermin. I might have a chance tonight. He's taking us to that

(Continued on page 10)

new cabaret on the South Side—Just us two and Neil Backer.”

Evidently she found, or made, the opportunity she had mentioned. At the cabaret that night Jermin appeared to derive some pain from the singing of a popular song by a young woman who had more good looks than voice to recommend her.

“Flat and she sings off-key,” he grumbled, refusing to join in the applause which rewarded the young woman.

“She acted as if she were badly frightened,” said Lois.

“Think you’d be any better off?” demanded Jermin with sudden interest.

“I’m not afraid of a crowd.”

“Are you game to try it?”

“WHAT do you mean?”

“I can fix it with the manager for you to sing something here and now.”

“Go ahead.”

Jermin called to a passing waiter. “Send McManus here,” he ordered.

McManus came. He was in tuxedo, close-shaven, slick of hair, almost servile in his manner—a gentleman in clothes, an upper servant in demeanor. Had Mr. Jermin a complaint, he asked quickly. Jermin explained. McManus registered relief. He would be glad to oblige. What would the young lady sing?

“I don’t know the popular things,” said Lois. “I’m afraid it will have to be something that’s quite old—Swing Low, Sweet Chariot, ‘Just a Song at Twilight,’ something like that.”

“Fine,” McManus enthused. “A crowd always falls for that kind of stuff. I do myself. I don’t often put it on here because the boys and girls that will do their stuff in a cabaret run mostly to blues, mammy songs and the like. Coon shouters and tin-pan alley artists butcher me, miss, time stuff. If you’ll come with me, we’ll see the accompanist.”

The slender youth with the worldly-wise face who lolled at the piano—they caught him between numbers of the orchestra—eyed Lois openly and said he could play anything. “Name your piece, lady, and watch me hop to it,” he invited.

Lois chose the two she had mentioned to McManus with the negro spiritual as her first, “Just a Song at Twilight” for the encore that he felt certain would be demanded.

The manager conducted her behind the curtain, then passed in front of it to make an announcement. They were to be highly favored to-night, he told his hearers. One of the guests had consented to lend variety to the usual entertainment by singing two old-time favorites. He was sure they would be recalled with delight. It was his pleasure to introduce Miss Lois Sylvester.

Lois found herself stepping from behind the curtain into a flood of dazzling white light, her audience hidden from her in the semi-darkness of the terraced tiers of tables she slanted up and away from her. It was unnerveing, nothing at all like the fully lighted halls in which entertainments at which she sang back home had been held.

She advanced timorously, the scattering, perfunctory applause which had ushered her into sight dying away; the youth at the piano holding back his first note until she came to a halt.

Suddenly the silence was shattered by a youth at one of the front tables who sprang to his feet and said in a surprised shout that was heard all over the place: “Well I’ll be hanged if it isn’t the little goody-goody girl from Paradise.”

Lois couldn’t see his face but she recognized the voice. It was Herbie Coles.

In the next chapter the unsophisticated little Goody Goody Girl begins to realize something of the predicament into which she has been thrown. Follow her; she might typify some little girl near and dear to you.

“HOG CALLING” IS NOVEL WJAG IDEA

Little Nebraska Station Starts Something That Makes Big Hit and Becomes Fad

NORFOLK, Nebr.—A little broadcasting station has to stir up a big idea to be recognized these days of competition, but WJAG, the Norfolk Daily News station here, directed by Karl Stefan, has lots of big ideas.

Its latest original stunt, for which full credit must be given was the first “Hog Calling Contest” via Radio.

Offering a “Printers’ Devil” prize to the winner, Mr. Stefan had no trouble in securing fifty contestants who all claimed to be expert hog callers. Fred Patzel, farmer, won. A lady named Mrs. E. C. Warner, known in the contest only as “The Mystery Lady,” won woman’s championship and second prize.

Then the Omaha papers heard of it. Columns of space were dedicated to the idea. Finally the Omaha Radio association made the hog calling contest a feature of its show. Fred Patzel won first prize of \$700 and a gold medal.

GOLD CUP STANDINGS

(Continued from page 2)

Place and Name	Station	Votes
24. Eugene Konecky.....	WOAW	6,435
25. Alfred P. Daniel.....	KPRC	4,245
26. Harry Gelse.....	WQJ	4,153
27. Edward B. Husing.....	WRC	4,065
28. Sen (A. W.) Kaney.....	KYW	3,930
29. Harold Isbell.....	KYW	3,801
30. Kenneth Fickett.....	WGR	3,436
31. W. C. Stoess.....	WLW	3,545
32. Ernest E. Chappell.....	WFBB	2,032
33. Eddie Squires.....	WJAX	2,029
34. Jerry Sullivan.....	WSBC	2,007
35. Louis L. Kaufman.....	KDKA	1,765
36. Jennings Pierce.....	KGO	1,604
37. J. G. Cummings.....	WOAI	1,593
38. John Daggett.....	KHJ	1,509
39. Leo Fitzpatrick.....	WJR	1,507
40. The Janitor.....	WFAA	1,361
41. Ralph Freese.....	KOA	1,323
42. Roy Stewart.....	WABC	1,304
43. Walter Johnson.....	WTIC	1,081
44. Francis Chamberlin.....	WMC	1,033
45. C. D. Tomy.....	WCX	1,006
46. Frank Lane.....	KVOO	1,001
47. Kolin Hager.....	WGY	977
48. William Fay.....	WGY	968

49. Richard V. Haller.....	KGW	936
50. Walter Tison.....	WGHB	856
51. Rev. H. H. Hohenstein.....	KFUO, 781	82
52. A. R. Herske.....	WTAM, 623	53
53. D. J. Connolly.....	WBRC, 654	54
54. Carl Stefan.....	WJAG, 653	55
55. Freeman Talbot.....	KOA, 649	56
56. Dick McMurray.....	KUL, 648	57
57. Frank Wulphal.....	648	56
58. H. Herbolzheimer.....	57	57
59. Arthur B. Church.....	KLDS, 677	58
60. Milton Cross.....	WJZ, 619	59
61. John McPhee.....	WFBM, 601	60
62. Adams Calhoun.....	WFAA, 552	61
63. Henry Anderson.....	KSO, 526	65
64. D. H. Ives.....	WHAAS, 483	64
65. Arthur Wellington.....	KYW, 467	66
67. Ralph Crowder.....	KOA, 456	67
68. Reid R. Snyder.....	WOC, 449	68
69. Chester H. Miller.....	WEAN, 434	69
70. James Haupt.....	WEAT, 424	70
71. Miss Jean Sargent.....	WHT, 399	72
73. Floyd Faich.....	WGY, 365	73
74. Nate Caldwell.....	WBEM, 361	74
75. Miss Orina Carmean.....	KMA, 308	74
76. R. F. Thompson.....	WFBG, 308	75
77. Lewis Reed.....	WVFB, 291	76
78. Harry Ehrhart.....	WLIT, 286	77
79. Howard H. Waters.....	WIL, 285	78
80. P. A. Greene.....	WSAI, 283	78
81. William L. Atkinson.....	WCAO, 283	78
82. Jack Henry.....	WBZ, 283	79
83. C. H. Hays.....	KSL, 263	80
84. John T. Carter.....	WDOD, 261	81
85. J. C. R. KOA.....	249	82
86. Uncle Bob.....	WHBC, 248	83
84. Gus Swanson.....	WOAW, 231	84
85. Howard Millholland.....	KGO, 225	85
86. G. G. Scroggin.....	KFEQ, 222	86
87. George Junkin.....	KMOX, 218	87
88. Miss V. A. L. Jones.....	KSD, 216	88
89. Fredrick G. Rogers.....	KDKA, 205	89
90. George F. Ross.....	WRC, 189	90
91. E. A. Marshall.....	KFLZ, 179	91
92. Jim Hughes.....	KDKA, 178	92
93. Ted Nelson.....	WMCA, 171	93

93. V. W. Corbitt.....	KFXF, 170	94
94. Charles Wellman.....	KFWB, 165	95
95. Harry Richardson.....	KYJF, 165	96
96. William M. Sweet.....	WRC, 149	97
97. Jerry Veyman.....	WCAE, 142	98
98. Billy Knight.....	WIL, 141	99
99. Norman Baker.....	KTNT, 138	100
100. A. Coggeshall.....	WGY, 137	101
101. Joe Faassen.....	KSO, 135	102
102. John B. Daniel.....	WJZ, 126	103
103. Harold Finkbe.....	WGBF, 124	104
104. Lloyd Thomas.....	KFKX, 121	105
105. Uncle Wip.....	WIP, 119	106
106. Philip Hitchcock.....	KWSC, 113	107
107. Robert Hard.....	KFI, 110	108
108. H. H. Phillips.....	KWVG, 88	109
109. W. S. Corbett.....	KKFX, 61	110
110. Old King Tut.....	WSB, 55	111
111. F. H. Criley.....	KLDS, 50	112
112. Robert Hall.....	WKAF, 49	113
113. John Henlein.....	KFYR, 48	114
114. Arthur Eades.....	WEEL, 46	115
115. Quin A. Ryan.....	WGN-WLBI, 42	116
116. Andy Waitress.....	WOL, 30	117
117. Al Carney.....	WHT, 29	118
118. Ralph Patt.....	WDAF, 28	119
119. Dave Edelson.....	WSBC, 27	120
120. Claire Morrison.....	KFO, 25	121
121. Don L. Fox.....	WMDC, 11	122
122. Charles Erbstein.....	WLBI, 9	123

Canadian Standings

Place and Name	Station	Votes
1. Lillian Shaw.....	CKY	18,953
2. Bert Hooper.....	CKCK	11,535
3. H. C. Fricke.....	CKCL	4,544
4. A. W. Ryan.....	CNRO	3,051
5. Robert W. Combs.....	CXNC	2,881
6. George A. Wright.....	CNRY	1,467
7. Jacques Cartier.....	CKAC	1,429
8. C. W. Darling.....	CPCF	1,268

\$29⁰⁰

Console with Cone Loudspeaker Ready for Your Set and Batteries

(West of Rockies \$35)

MODEL 200 with 22-inch Cone

Windsor
CONE LOUDSPEAKER CONSOLE
PAT. APPLIED FOR

MODEL 200 with 22-inch Cone

A Revelation in Radio Reproduction

AT LAST—a cone loudspeaker that reproduces all the tones as they are broadcast. From the deep voiced tuba of an orchestra to the softest note of a vocal solo—every tone—every sound is reproduced in all its beauty, just as it entered the microphone.

When compared with the average cost of cone-type loudspeakers of even smaller size, the cost of the complete Windsor—cone loudspeaker, spruce sounding board, and console—is amazingly low.

Go to your dealer today and examine this astonishing new Cone Loudspeaker Console. If he happens not to have one, write to us and we will tell you the name of the nearest store at which you can see and hear one.

This 22-inch Windsor Cone Loudspeaker, with its spruce sounding board, will reproduce the softest crooning lullaby in a softly lighted room, or the full throated march music of a band in an auditorium—both with perfect fidelity of sound and tone.

Model 600

With 16-inch Cone (Pat. applied for)

This 20 by 17-inch Cone Loudspeaker Table has suspended from the underside of the top a 16-inch Windsor Cone Loudspeaker. Placed in any part of a room, it fills the room with music just as an inverted electric lamp floods the room with light. Finished in Mahogany \$19 or Walnut. Price (West of Rockies, \$23.00)

As a piece of furniture, the Windsor Cone Loudspeaker Console is of such manifest high quality and attractive design as to be a welcome addition to any home. Finished in Mahogany or Walnut.

The Windsor Cone and Horn Loudspeakers, combined with attractive pieces of furniture in many models, are being demonstrated by recognized dealers everywhere.

Note to Dealers Write or wire today for details of the highly profitable Windsor selling franchise

WINDSOR FURNITURE COMPANY
World's Largest Manufacturers and Originators of Loudspeaker Consoles

1418 Carroll Avenue Chicago, Illinois
Los Angeles Branch—917 Maple Avenue

WINDSOR FURNITURE COMPANY
Electrical Department
1418 Carroll Avenue, Chicago, Illinois

Send me FREE and without obligation circulars of the Windsor line of Cone and Horn Loudspeakers combined with pieces of furniture, and name of nearest dealer:

Name.....
Address.....
City..... State.....
Dealer's Name.....

The Windsor Cone Loudspeaker Console is the greatest value in the

AN EVENING AT HOME WITH THE LISTENER IN IN EASTERN TIME

Table listing radio stations by call letters, location, and broadcast schedule (Met., Kc., Saturday, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday).

STATIONS IN ORDER OF WAVE LENGTHS

Table listing radio stations in order of wave lengths, with columns for Meters, Call, Meters, Call, Meters, Call, Meters, Call, Meters, Call.

AROUND THE BROADCAST STUDIOS

Major White Honored; WSM Celebrates; WGN Adds 25,000-Watt "Kick"; WCAY Raises Power; WGBS, WIP and WPG in Link.

By MIKE Major J. Andrew White has received many thousands of letters complimenting him for his vivid portrayal over the air of exciting sports events. But probably the letter that he will treasure most is the testimonial awarded at the recent Radio Industries banquet. Among other things it said, "You have gathered together the most notable and talented company of artists ever assembled. . . . Your sterling character and gracious personality have won for you our sincere regard."

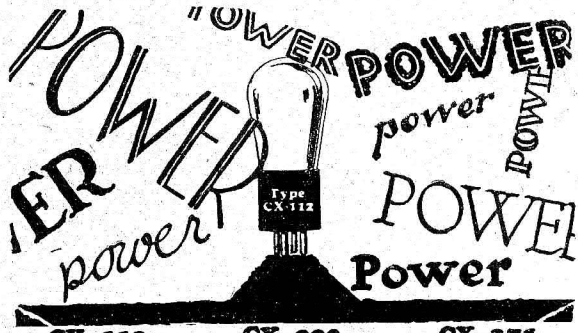
A few days ago the Solemn Old Judge blew the ram's horn of footed the steamboat of something and called the clans together for a great birthday party at WSM. Among those especially invited were Leo Fitzpatrick and Lambdin Kay. The next thing will be Kay, Fitz and Hay,

kittie clad, doing the eighteen holes for the championship golf announcer of America.

Glad sounds of great rejoicing in the upper regions of the Drake Hotel where WGN of the Chicago Tribune has just completed its three new studios. The announcements are expected to be considerably amplified by the middle of this month with a 25,000-watt "kick" from the new transmission station practically completed down Elgin way.

WCAY of Milwaukee is once more heard in the land of broadcasting. The announcement comes from Raymond E. Mitchell, director of programs, that the power has been raised to 1,000 watts.

Gimbel brothers have hooked up their two very successful stations, WGBS of New York and WIP of Philadelphia. Soon they expect to hook WPG of Atlantic City into the circuit. The best of all three for all is the motto, Dailley Pasman, who made an enviable record for himself last year with his Radiozoid musical dramas, has promised something to surpass all previous efforts for this season.



CX-112 CX-220 CX-371

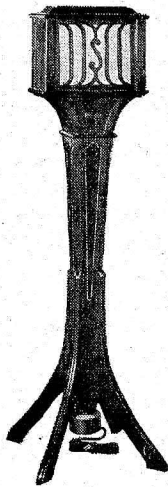
THE secret of obtaining the highest quality of radio reception today is fast becoming no secret whatever. The right power tube, Type CX-112, CX-371 or CX-220, is the key. Ask your dealer for his recommendation.

Cunningham POWER TUBES

All Types C & CX In the Orange and Blue Carton E. J. Cunningham Inc.

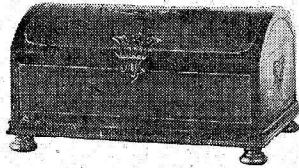
NEW YORK CHICAGO SAN FRANCISCO

What's New in Loud Speakers

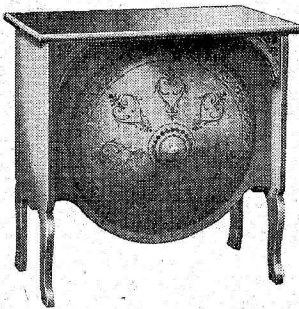


THIS beautiful pedestal type loud speaker stands 44 inches high and has the benefit of a long air column between the unit at the base and the grilled openings at the front and back of the top. It is manufactured by the H. G. Saal company of Chicago, and is finished in a beautiful walnut. The grill openings are 8 by 10 inches in size, and the unit is designed ruggedly to stand up to 400 volts of B battery without breaking down.

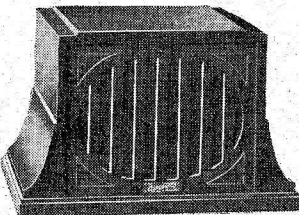
THE speaker below is a beautified type of cone which has found its way to the market from Chelsea, Mass., where it is made by the Bou-dette Manufacturing company under the name of Sono-chorde. Its artistic lines are such as to make the Sonochorde harmonize well amid luxurious surroundings, and it is made in three styles, floor stand, wall or table, to meet one's personal taste. All



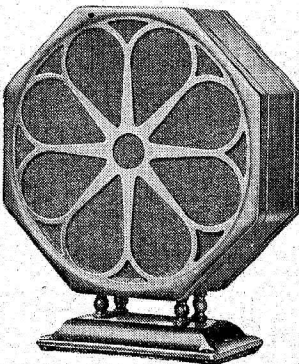
VELVET Radio speakers this year are original in all designs. The Jewel Case, above, star of the line, has a lifting top which controls the volume desired. Far from unsightly in appearance, the Jewel Case makes a beautiful addition to one's furnishing scheme. Its quality of reproduction is above reproach. The Borkman Radio Corp., Salt Lake City, makers, also have a lantern type, "cone-flex" and two bell type horn speakers.



A CONSOLE in which batteries, chargers and eliminators can be placed, is afforded by the Windsor cone loud speaker console depicted above, made by the Windsor Furniture Co., Chicago. The cone, an integral part of the console, is 22 inches in diameter and beautifully patterned. A spruce sounding board behind the cone gives depth to the full range of musical frequencies. It may be had finished either in mahogany or walnut.

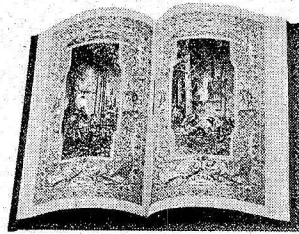


SOMETHING different is found in the Armstrong Tone Reproducer, made by the Armstrong Co., of Chicago and pictured above. "Shaped like a singer's mouth," says the slogan, and although the grilled cabinet is only 10 inches high and 9½ inches deep, a great volume without loss of quality is yielded. The Armstrong unit functions without adjustment at any time and is perfectly at ease handling, without distortion voltages as high as 600.

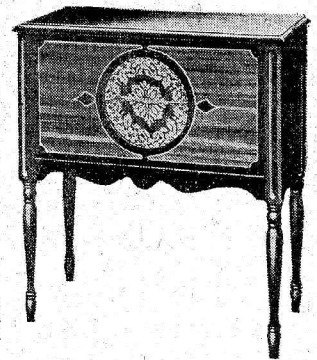


UNIQUE and pleasing in its symmetrical octagonal shape, the new "Octacone" above, made by the Fausin Engineering company of Newark, has sev-

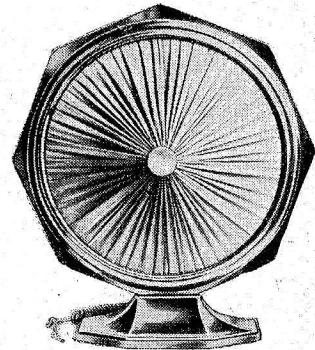
eral different features. One is its offset tympanic type "cone," modeled after the human ear drum. It is enclosed in a metal case 13¼ inches high, 11 inches wide and 4¾ inches deep. Special rubber feet absorb its vibrations, and its bronze finish harmonizes well with most settings.



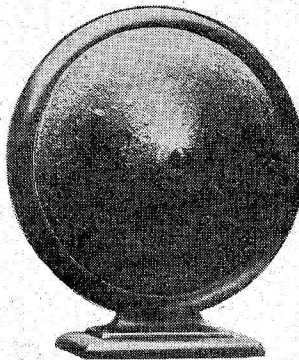
ENTIRELY novel and distinct, the Utah book speaker is apart from the field and without competition. It resembles an open book with hand-tinted pages done in sepi, finished in gold and brown morocco leatherette. It can be held in an upright position on an easel supplied with the book, or hung on the wall as a picture. New principles of sound reproduction, whereby the unit is applied to the edge of a properly curved membrane, are utilized. The book is 17½ inches wide by 13½ inches high and made by the Utah Radio Products Co., Salt Lake City.



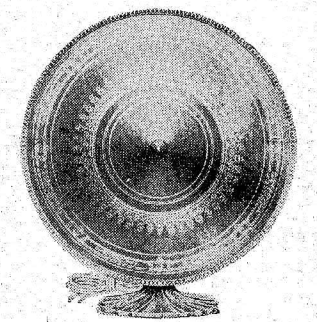
BUILT in a beautiful two-tone mahogany finished console which provides room for batteries, the Crosley Musicone becomes the Musicconsole above. Famed for its clean-cut and honest reproduction, the Crosley cone is also marketed in the regular 12-inch size, a new "super" 16-inch size, and in a Deluxe model which is enclosed in a mahogany finished clock case with slotted and grilled opening. The Musicconsole is fashioned faithfully in a true period design.



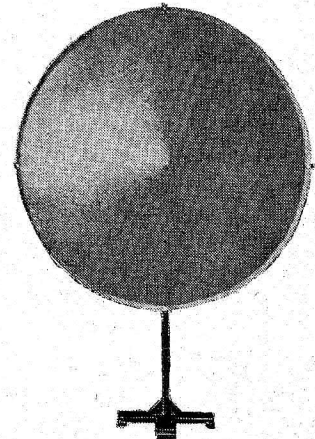
units are mounted on a cast aluminum frame and attached to a specially treated paper cone. The unit side is draped with a heavy silk satin dark purple in color, which is the color likewise of the frame and cone.



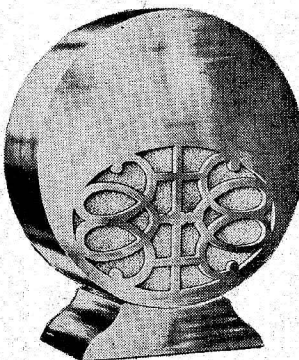
SPARTAN Junior Disk Speaker, above, has a brown and gold composition diaphragm set off by an artistic frame and base finished in rubbed mahogany. Its diameter is 13¾ and height 15½ inches. Low and high frequencies of sound are faithfully brought out by the special diaphragm which is motivated by the Spartan semi-balanced armature disc unit. Model shown is designated as number 400.



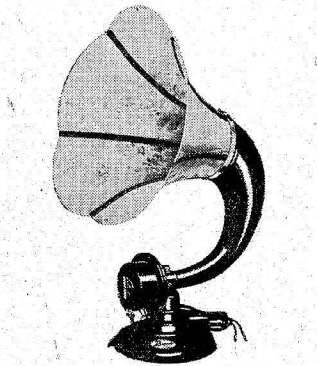
QUALITY of reproduction, as well as volume, is the boast of the Tower cone above, made by the Tower Manufacturing company. Electrically designed to reproduce the notes of all the instruments in an orchestra, the makers assert that the first thought they had in mind in bringing out this cone was to give faithful reproduction. Improvements include eight points of contact from unit to cone, a new direct-drive reproducing unit, and a non-warping, free edge, parchment cone.



A NOVELTY for those who like to build their apparatus is afforded by the Engineer's Service Co. of New York, who are marketing the complete parts for a three-foot offset type cone speaker, with instructions how to assemble. It is shown above. The idea is perhaps good for those listeners who like to experiment. At least they can learn all the gadgets that go to build one, and what makes it go.



TELEPHONE is the name of the hand-finished African mahogany speaker shown above. It is not a cone, but a horn designed after the human larynx, with especial attention paid to the thickness of the wood in all parts of the sound chamber. The unit will not chatter or distort, and is so designed that its electrical impedance will take care of varying inputs of power without adjustment.



LOTUS flower shaped, the Burns loud speaker, shown above, is made by the American Electric Co., Chicago, with an aluminum sound column and a pyramid flare in several handsome colors. The horn swivels freely at its base, and the special Burns unit is adjustable to whatever power may be applied. No damping or absorption of sound is permitted by the free and graceful curve of the horn and its flare.

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The Tragedy of Age

THOMAS ALVA EDISON, American inventor extraordinary, cut loose to the newspapers recently and vented his spleen on Radio. Let it here be said that we like Mr. Edison. He is a grand old gentleman. He has given this country and the world inventions which have made life much more worth living. But, because of all of this, must we stand idly by and listen to his caustic criticism of Radio?

First of all he said, "Radio is losing its grip on the market and in the home. There isn't ten per cent of the interest in Radio that there was last year."

If that is true, then Radio Digest should have one-tenth of the paid circulation it had last year. Instead, we learn that the circulation figures show a fifty per cent increase over last year. Again, the Radio market should be stagnated. Instead, every dealer is begging for the new models and has more orders for sets than he has had at this time in any of the past five years. Radio is just coming into its own.

Said Mr. Edison, "It's a highly complicated machine in the hands of people who know nothing about it."

In reply, let us amend that "nothing" to read "enough." Most listeners today know more about putting together, installing, operating and repairing their receivers than they ever did about their phonographs. We wonder how many listeners ever put new springs in their phonographs? And how many built their own? How many listeners know exactly how their automobile engines work and what makes the oil pumps pump? Not many, but look at General Motors stock!

And don't forget that every year the sets are showing more simplicity of operation and are being built more and more foolproof. A machine that a baby four years old can operate is simple. We know plenty of children not older than that who can operate Radio receivers well enough to pick up children's hour programs—and these same children have not yet learned to operate their parents' automobiles or phonographs.

"No dealers make any money out of it," said the inventor of the incandescent light. "Edison dealers are rapidly abandoning it, reports show."

Still, we reply, there are many prosperous and canny Radio dealers who would not be in the business if it were not worth while. Men of business brains and modern merchandising methods, who have chosen representative lines of phonographs and Radios, are still making big money out of both, and we might say, the most money from their Radio lines. We have figures to prove this assertion.

And poor old Thomas Edison finishes off, "The people want good music. As for Radio music, it's awful. I don't see how they can listen to it. The phonograph is coming back into its own because people want good music."

This is sad, isn't it? Here last year two great phonograph makers had to put a lot of fancy and improved reproducing devices on their machines, and then electrically record (through the same kind of amplifiers as used in Radio) their records, because their machines could not equal the quality of modern Radio receivers and loud speakers—and now Mr. Edison would have us believe that these other phonograph manufacturers did all this in error. It wasn't necessary. Maybe Mr. Edison can convince them that their machines would sell without these new "gadgets." Or perhaps, inasmuch as their sales have picked up with the inclusion of these devices (and built in Radio receivers), perhaps these two manufacturers would tell our good friend and inventor to put good receivers in his machines and watch them sell.

Before closing, we also wish to press the question—why, if Radio and all that goes with it is so unpopular, do the leading phonograph recording companies watch the broadcasting stations for new stars and record all the work of the favorites? To waste money?

RADIO INDI-GEST

Coming Events

When a play you wish to see,
At the game you'd like to be,
Hang a screen upon your wall the scene to show:
Set your dial for the spot,
Drop your money in the slot
And you'll see and hear it all by Radio.

GEORGE

But You Can Read It

My Dear Player of the Third Trombone:—
I have just finished reading your communication addressed to me in the last issue of the Digest. Do I remember—"You tell 'em. Who could forget? Only my first one was a crystal—made with parts purchased from Mr. Woolworth's five and ten. Coil wound with enamel wire and I neglected to scrape off the enamel so the slider would make contact and she was deadlier than the proverbial door nail and altho a local station was going full blast I could not get a yip out of it. Then discovered what was wrong and after hastily scraping off the enamel with the trusty old Barlow, was just in time to hear the announcer say " . . . signing off—We will be on the air again at midnight with a test program."
Did I stay up till midnight? You tell 'em—Made everybody in the house get up to listen to that wonder of wonders—A RADIO, and with head set split so two could listen at once, with one receiver glued to an ear, we took turns listening—to phonograph music—until 2:00 A. M.

Then came the "tube set"—one tube with a piece of wall board for a panel, grid leak made from a piece of paper with a pencil mark on it and a grid condenser made from the tinfoil of the package of our favorite cigarettes. But she kicked them in from coast to coast, and that's about all the multitube hets, supers, phases and dynes of the present dynasty will do!

Then we added another tube and had an "amplifier." Then we dug up another nine bucks and put in the "second stage." Made a "loud" speaker out of a piece of hard maple and a 15c flower pot and were the envy of the neighborhood. O Boy! Them was the days.

And the Radio Digest! How eagerly we looked forward to the next issue—and how we dropped in at the newsstand to see if by some miracle it had come in a day ahead of time.

How eagerly we looked for the new circuits and the "kinks" and hurried home to heat up the old soldering iron, wire up the new circuit and test it out—try out the new kinks to see if we could get more distance and greater volume. And the LOG! How religiously we kept it, and how proudly we showed it. How we measured "airlines" on our two bit Radio map. And the talks over the fence with the neighbor the next morning. "Who did you have last night and how did they come in?" You Bet. Them was the days.

But "Them days is gone forever." You and I, Old Timer, and a few other kind made Radio what it is today. If it had not been for our crystals, one tubers, two stages and homemade speakers, most of Marcella's "girl and boy" friends would still be riding stools at the corner drug store, fiddling for country dances, washing dishes and taking dictation. We can look back with pride and say, "Betty and I—we killed the bear."

Time passes and things have changed. For better or for worse? Well, we think for "worse." But we are done. It has gone on and left us. Our work has been completed. The policy of the people of these United States of ours is that the majority shall rule—and if the majority want matinee idols, movie hero stuff, announcers with neckties, shoes and suspenders and cooking lessons and heart talks with no crystals, most of us to spoil their pleasure. But after all, we still have our old friend Indi. They haven't changed him. He is still with us and we are for him.

We are with you Old Timer. We hate to go but it looks like we've done. We have folded our tent and are ready to join the caravan for the dawn of nothing—the old soldering iron rusts on the shelf, the old test set is covered with cobwebs in the basement. The work bench is covered with dust and the box of parts stands in the corner forgotten. "Young Tutt" uses the electric drill to grind valves on his flivver and the "Better Half" tunes in the one control, solid walnut console, eight tube contraction that's long on price and short on results, and learns how to cook grub that no man can eat. It's time to go. For you and I and the others of our kind the show is over—over.

Is it over—Is the show ended?

We may put all the lights out and yet,

Though the curtain rung down has descended,

Can the actors go home and forget?

Ah, no, they will turn in their sleeping

With a strange, restless pain in their hearts,

And in darkness and anguish and weeping

Will dream they are playing their parts.

OLD KING TUTT. (His self)

Historical Problem Solved

Dear Indi: Probably what upset George Washington's father so much was that he intended to fix his aerial to the cherry tree.

LONDON BOBBY

Famous Baseball Outs

Barbara, oh Barbara,
Pray tell me won't you please:
Does Quin A. Ryan know the diff
Twixt pop out flies and fleas?

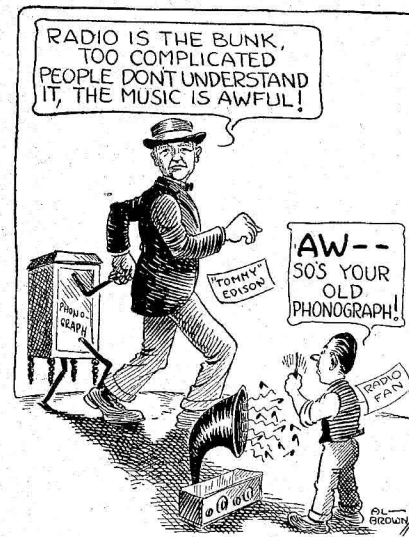
He writes, writes he, in L—y
Of stations rank and punk;
What right has he to criticize?
His baseball is the bunk.

SOUTH PAW

FRANQUE'S FILOSOFFEE

"Oh! Why should the spirit of mortal be proud,
When only the locals come in on the loud?" INDI

Tommy's Only Foolin'



Condensed

BY DIELECTRIC

This is the season of Radio fairs when fans flock to the exhibits to learn and pass judgment, incidentally trusting to secure glimpses of some of their heroes or heroines of the Mighty Mike. Surely, there have been a few of the instrumental entertainers at these great exhibits whose faces have disclosed themselves through the glass enclosing the broadcasting "studios." Perhaps even these close-ups have failed to produce the effect made upon thousands of listeners tuned to the Madison Square Garden, New York, Radio World's Fair, while forty-two broadcasting stations—linked together—sent out that remarkable entertainment before the Radio Industries banquet. Of the wealth of toponth features there presented, your reviewer would place special emphasis upon the work of the Victor Revellers, Reinold Werrenwrath, the combined WEAJ choruses and the famous Sam 'n' Henry.

You remember the hurricane which swept over Galveston, Texas, with a period of intense anguish following it, broken only when word could be carried through of the fate of friends or relatives—not by Radio communication, however. And now, twenty-six years later, Florida suffers a like catastrophe; but this time not only did Radio carry warnings of the approaching storm but broadcasting stations sent out their appeals for relief for the sufferers immediately. Another marked difference was the work of such stations as WPG, Atlantic City, which broadcast a news service for the benefit of such news editors in the stricken area as could receive news for their papers in no other way. In addition, listeners could secure the latest bulletins, including a list of those whose lives were lost. Radio does more than entertain.

Station WJAZ, Chicago, was tuned in during the course of a Sabbath evening and heard only what may be picked up any evening through the week from more than five hundred other stations. Jazz songs were in full blast and of the cheapest order—presumably for owners of sets employed twenty-four hours a day throughout the remainder of the week, or us millions who need to learn the elevating beauty of words and music that this type so faithfully presents. What else have they?

During the past couple of weeks the "Pioneer" broadcasting station, KDKA, Pittsburgh, came through with a program of particular merit. Their little symphony orchestra, one of the first to bear this dignified appellation, seldom misses in its appeal to music lovers—certainly not on the night in question. It had a program of carefully arranged numbers played in customarily good fashion. With it was a splendid chorus of trained voices.

Somehow nearly every time I elect to choose a Philadelphia station to tune in there follows cause for complaint. My arrival there was timed, that is, the signals from Arlington were coming in denoting arrival of the twenty-second hour of that day and the announcer had every indication of having been plucked from below the Mason and Dixon line as revealed in his dramatic summing up of the weather prospects. Here is what I'm leading to: the regular announcer of the evening had been lulled to a soporific state by this weather prophet and forgot to speak again for an appreciable interval. So few of the larger broadcasting stations today permit time waste between studio and remote announcements that these exceptions become more noticeable and reprehensible.

Big Feature Programs, Improved Sets and Better Reception Await Dialsters

All Is Well for Many Pleasant Evenings—"Olympian Jazz" at WLW
 October 19—New York Philharmonic Starts October 30
 Over WJZ—College "Prexies" on WEEL Mike

BORNEAS and science are already working together with the broadcast stations to give the listening public this year the best season of Radio entertainment ever known.

Weather conditions show a marked improvement over last year, and so far, there has been no sign of the mucky blanket that cloyed up the little ether trains from aerial to aerial when transmission should have been at its best.

There are better receivers, better loud speakers and more powerful sending stations with better programs. Even the most sensitive artists are happy over the prospects and some of the earlier crudities will be numbered among the missing, while more pretentious productions will be in evidence.

WLW to Give Olympian Jazz

Can jazz be classical? Let the gods decide, for Mr. Louis John Johnson, program director of the Crosley WLW station at Cincinnati, announces a forthcoming playlet, "Olympian Jazz." The director has spent the entire summer working out the idea wherein Anton Busch, proprietor of a musical store; Carl Busch, his son; Peter Taschikowski, Richard Wagner, Franz Liszt and Charles Gounod respond to the commands of the Great God Jazz. The premiere is October 19, 9 p. m. Eastern time.

Adhering to the theme of fundamental musical inspiration, the evening also will inaugurate a new series of musicals featuring American composers, arranged by Burnet C. Tutbill of the Cincinnati Conservatory of Music, Stephen Foster is the first composer on the program.

The Wednesday night Cincinnati Post orchestral programs are being arranged by Miss Freda Sanker. Miss Johanna Grosse will resume her organ recitals with an organ especially constructed to obtain the best Radio results.

N. Y. Philharmonic Is WJZ Treat

In New York WJZ announces twelve students' concerts of the New York Philharmonic orchestra to begin the night

of October 30. On those Saturday nights throughout the winter season not already booked by the New York Philharmonic orchestra it is planned to broadcast the series to be given by the Boston Symphony orchestra. The students' concerts will be conducted by Willem Mangelberg with the full orchestra of 110 men. The series is arranged to benefit students of music with a history presenting the works of the earliest composers down to the modern classical era. The dates are October 30; November 6, 13 and 27; December 18; January 1, 15; February 5, 12; March 19, 26, and April 2.

Elmer Tidmarsh, organist at WGY, is back on the air after a summer of study at Fontainebleau, France, under the 83-year-old master, Charles Marie Widor, and his assistant, Henri Libert.

E. E. Hildebrand of KPAB, Lincoln, Neb., writes that Wade Munn, brother of big Monte Munn, who presided over the Gridiron club at that station last year, is to be master of ceremonies at the same function this year. The club holds its Radio meetings every Friday night from 6 to 6:30 Central time.

College "Prexies" at WEEL

Twenty-six college and university presidents are booked for talks over the Boston Edison station, WEEL, this season, beginning Tuesday evening, October 19, from 7:30 to 7:45 Eastern time, with the president of Amherst. Tuesday will be "Prexy" day each week. It is designed to interest students and alumni.

WCAB announces as new features at its Pittsburgh station, a U. S. farm school under the direction of the Sunshine Girl. Six new cafe orchestras have been added to the musical programs. They are from the William Penn hotel, Nixon restaurant, Carleton Terrace, Rendezvous, Marlborough ballroom and the Sander's club orchestra.

Guy Lombardo's Royal Canadians have joined WTAM at Cleveland for the new season of Radio. The orchestra sings as well as it plays. They will be on the programs twice each week.

FOOTBALL BROADCAST SCHEDULE

THE following stations will give football scores for all principal games and those of interest in their localities: KLX, KOA, KSSD, WBAF, WCCO, WDAF, WEEL, WEEL, WPA, WGN, WEAS, WHO, WJAX, WJJD, WLS, WMAQ, WMBF, WMC, WOAW, WOC and WTAM.

The games scheduled below will be broadcast direct from the football fields, play-by-play, by the stations listed in each case:

Saturday, October 16

Chicago-Pennsylvania at Philadelphia, WGN (302.3m-590kc), WMAQ (447.5m-570kc), WIP (508.2m-590kc).
 Colorado-Wyoming at Boulder, KOA (322.4m-930kc).
 Columbia-Ohio at New York, WEAQ (293.9m-1020kc).

Grinnell-Iowa State at Grinnell, WOI (270.1m-1110kc).
 Hendrix-Arkansas at Fayetteville, KUOA (299.8m-1000kc).
 Kansas U-Kansas State at Manhattan (340.7m-880kc).
 Minnesota-Michigan at Ann Arbor, WCCO (416.4m-720kc), WWJ (352.7m-580kc).

New Mexico-Texas A. and M. at College Station, Tex., WTAW (270.1m-1100kc).
 Princeton-Navy at Princeton, WGY (379.5m-790kc), WJZ (454.3m-660kc).
 Washington-Nebraska at St. Louis, KFAB (333m-900kc).
 Yale-Dartmouth at New Haven, WBZ (333.1m-900kc), WEAF (491.5m-610kc).

Friday, October 22

Arizona-New Mexico State U. at State College, N. M. (348.6m-860kc).

Saturday, October 23

Centenary-Arkansas at Fayetteville, KUOA (299.8m-1000kc).

November 1-15 Football Broadcast Schedule in First November Issue

Chicago-Purdue at Chicago, WMAQ (447.5m-570kc), KYW (545.4m-560kc).
 Harvard-Dartmouth at Harvard, WBZ (333.1m-900kc).
 Illinois-Michigan at Ann Arbor, WGN (302.3m-590kc), WWJ (352.7m-850kc).
 Kansas-Nebraska (freshmen) at Lincoln, KFAB (33m-900kc), KFKU (275.1m-1,000kc).

Missouri-Iowa State at Ames, WOI (270.1m-1110kc).
 Oklahoma-Kansas State at Norman, KSAC (340.7m-880kc).

Penn.-Williams at Phila., WIP (508.2m-590kc).
 U. of Iowa-Ohio at Columbus, WEAQ (293.9m-1020kc).

Wabash-Minnesota at Minneapolis, WCCO (416.4m-720kc).
 Yale-Brown at New Haven, WGY (379.5m-790kc), WJZ (454.3m-660kc).

Saturday, October 30

Arkansas-Kansas State at Manhattan, KSAC (340.7m-880kc).
 Army-Yale, WEAF (491.5m-610kc), and chain.

Chicago-Ohio State at Chicago, KYW (535.4m-560kc), WEAQ (293.9m-1020kc).

Carroll-Iowa at Iowa City, WSUI (483.6m-620kc).
 Corning-Clearinda (High School) at Clearinda, KSO (410.7m-730kc).

Navy-Michigan at Baltimore, WGY (379.5m-790kc), WJZ (454.3m-660kc).
 Nebraska-Iowa State at Lincoln, WOI (270.1m-1110kc).

N. M. Teachers' College-New Mexico State at State College, KOB (348.6m-860kc).

Pennsylvania-Illinois at Champaign, WGN (302.3m-590kc), WIP (508.2m-590kc).

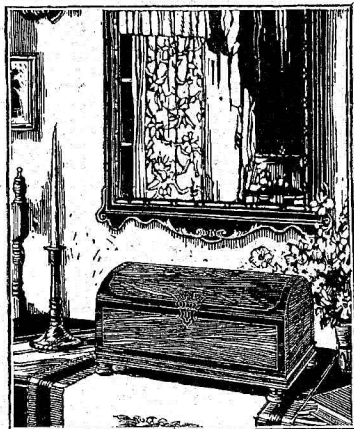
Wisconsin-Michigan at Madison, Wis., WHA (535.4m-560kc), WCCO (416.4m-720kc).

Yale-Army at New Haven, WBZ (333.1m-900kc), WEAF (491.5m-610kc).

At Last Report, Red Grange Was Seen Trying to Tune In

OAKLAND, Calif.—Tune in, that is if you're able, KTAB here every Friday night at 8 o'clock, Pacific time, and learn the grand and glorious art of forward passes, drop kicks, end runs and carrying

the ball. For KTAB announces a course in football which is being given by Nils Price, coach of the University of California, and Ray Cummings, football expert and sporting editor of the Oakland Post-Enquirer. The announcement by KTAB does not say whether cheer practice will follow or precede the lessons.



No. 21
 "The Jewel Case"
 \$45.00

A Masterpiece of Design—
 New Acoustic Principles



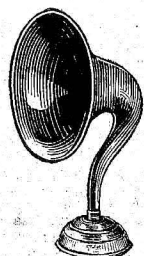
No. 18 \$27.50
 "The Chinese
 Cone-Flex"

Full Orchestral range—
 low bass of the cone—
 high notes of the horn.



No. 9
 "The Lantern"
 \$12.50

Exceptional beauty,
 true recreation, sur-
 prisingly low price.



No. 12 — \$16.00
 No. 15 — \$23.50
 Borkmanite Horn—
 Velvet Double
 Stylus Unit.

The Ultimate in Radio Recreation!

THE trappings of the Laboratory are gone. In its rich, quiet beauty, the Velvet "Jewel Case" Speaker is at peace in company with your richest furnishings—a rarely precious possession for any home.

For it is not merely beautiful. It is living Radio Recreation itself when it brings in the full rounded tones of the whole orchestration. Tonal beauty that matches its outward delightful dignity. You must hear it—see it—to fully appreciate the long step ahead which Velvet brings to Radio.

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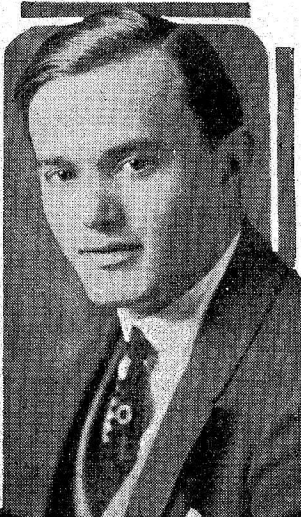
Manufactured by
THE BORKMAN RADIO CORP.
 Salt Lake City, Utah
 Kalamazoo, Mich.

Velvet Radio Speakers

BROADCASTERS FROM COAST TO COAST



Left is the new harmony team of WLS, Rae and Lee. From more than fifty candidates Juanita Rae and Harriet Lee were selected for the new team. They met by accident in the studio of WOK, Chicago and decided to try a duet during an orchestra "break." They found their voices blended in the most perfect harmony. When WLS announced an open competition they were among the first entrants.



DANCING

Central Time

Monday

8, Wsep; 9, Wpat; Woz; 9:15, Wkay; 10, Kths, Wcap; Wgr; 10:30, Wpg; 10:45, Wwr; 10:50, Wep; Wht; 11, Kgw, Koll, Wabu, Wbu, Wwh, Wwh, Wwiz; 11:45, Kgw, Kbf, Kkr, Kpo, Wdat, Wwiz; 12, Kxf, Kpo.

Tuesday

10:15, Kths; 10:30, Kths, Wht; 10:45, Wwb; 11, Kgw, Koll, Wabu, Wbu, Wwh, Wwh, Wwiz; 11:45, Wdat; 12, Kgw, Kbf, Kkr, Kpo, Wdat, Wwiz; 12, Wgl.

Wednesday

9:15, Wwh; 9:30, Wwh, Wwh; 9:45, Wwh; 10, Wwh; 10:15, Wwh; 10:30, Wwh; 10:45, Wwh; 10:50, Wwh; 11, Wwh; 11:45, Wwh; 12, Wwh; 12:30, Wwh.

Thursday

8, Ww; 9, Ww; 9:15, Ww; 9:30, Ww; 9:45, Ww; 10, Ww; 10:15, Ww; 10:30, Ww; 10:45, Ww; 10:50, Ww; 11, Ww; 11:45, Ww; 12, Ww; 12:30, Ww.

Friday

8, Ww; 9, Ww; 9:15, Ww; 9:30, Ww; 9:45, Ww; 10, Ww; 10:15, Ww; 10:30, Ww; 10:45, Ww; 10:50, Ww; 11, Ww; 11:45, Ww; 12, Ww; 12:30, Ww.

Saturday

9, Ww; 9:15, Ww; 9:30, Ww; 9:45, Ww; 10, Ww; 10:15, Ww; 10:30, Ww; 10:45, Ww; 10:50, Ww; 11, Ww; 11:45, Ww; 12, Ww; 12:30, Ww.

One of the best concert violinists on the Pacific coast is Calmon Luboviski, young Russian violinist of Los Angeles, who broadcasts 4 p.m. KNX, Los Angeles, several times a week.

studio program; 11:30, Merry Old Chief and his fester.

WJZ, New York, N. Y. (454.3m-680kc), 7 p. m., Grand Commodore orchestra; 8:30, Jack Denny's Frivolity club orchestra.

WKRC, Cincinnati, O. (422.3m-710kc), 10 p. m., Swiss Garden's dance music; 11, popular program, songs-instrumental; 11:45, dance music.

Arcadia cafe concert orchestra.

WLW, Cincinnati, O. (422.3m-710kc), 7 p. m., Johnnie Grose, organist; 8, Secretary Hawkins Ragtime club; 8:30, Evelyn Nichols, soprano; 8:45, "Jes' Hen'ry" Lucas, humorous monologue; 9, dance music.

WNCX, New York, N. Y. (340.7m-890kc), 6 p. m., Orlot Vail and his Hotel McAlpin string ensemble; 9, Tommy Christian's orchestra; 11, Ernie Golden and his Hotel McAlpin orchestra; 12, McAlbin entertainers.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Chateau Ballroom orchestra; 8:15, Vanderbilt Hotel orchestra; 8:35, Newark 10:20, Crystal Palace orchestra.

WRC, Washington, D. C. (468.3m-640kc), 7:30 p. m., Little symphony orchestra; 8:10, WJZ; 10:30, WJZ; 11:30, Otto F. Beck, organist.

WSAI, Cincinnati, Ohio (325.9m-820kc), 8:15 p. m., boy scouts choir; 9:30-10:30, Herbert Sadler, organist; 10:30, King Monarchs.

WTAC, Worcester, Mass. (645.1m-550kc), 8 p. m., Bancroft hotel orchestra; 8:30 program.

WTIC, Hartford, Conn. (475.9m-830kc), 6 p. m., Hub Restaurant.

Central Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 8:30-9:30 p. m., boy scouts choir; 9:30-10:30, Herbert Sadler, organist; 10:30, King Monarchs.

KFAB, Lincoln, Neb. (340.7m-880kc), 5:30-6:30 p. m., Little symphony orchestra; 8:30-10:30, variety program.

KMOX, St. Louis, Mo. (289.2m-1070kc), 6:30 p. m., children's club; Little Red Schoolhouse; 8, KMOX Radio orchestra; 9, KMOX Minstrel's; 9:30, KMOX Radio orchestra; 10, Croon-tuners, Rudy and Art; 11, King Monarchs.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 10:10 p. m., dance concert; New Arlington hotel orchestra; 10:10:30, specialty numbers.

KUOA, Fayetteville, Ark. (299.8m-1090kc), 3 p. m., Sunday College vs. University of Arkansas football game.

KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner concert; 8:15, Pauline McCurry, pianist; 9:10:30, classical concert; 10:30-12, 11, Congress Carnival; Henry Gordon and his orchestra.

WBAP, Ft. Worth, Tex. (475.9m-830kc), 7:30-8 p. m., Sunday School lesson; 8:30-9:30, Pauline McCurry, pianist; 9:15, travel talk; 8:45-9:30, harmony time; 9:30-10, melodies; 10:1-10:30, variety hour; 11:30-12:30, supper club; 12-2, Pacific Coast special.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., Nicollet hotel concert orchestra; Margaret Oldre, soprano; 8:15, Dale singers; Ramona Gerhard, violinist; Geraldine Gerkin, pianist; 9, Russell Murphy, haritone; Thelma Wilson, pianist; Delison Brothers' quartet; 10:05, dance program; William Starow, saxophonist; Al Foster, tenor; Evelyn Hansen, accompanist.

WDAF, Kansas City, Mo. (365.5m-820kc), 6:57 p. m., school of the air; 8:57, around the town with WDAF; 11:45-1, Ted Weems's Victor Recording orchestra; Cosden-Hine's orchestra.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joy's Baker hotel orchestra; 8:30-9:30, Mrs. N. Wood; 11:15, Jack Gardner's Adolphus Hotel orchestra.

WGN, Chicago, Ill. (392.8m-890kc), 6:35-7 p. m., Drake concert ensemble, Blackstone string quartet; 8:20, Correll and Gosden; 8:30, musical program; 9, Light opera period; 10, Sam "n' Henry; 10:10, Music Box; 10:20, Mark Love, basso; 10:40-11, songs, Correll and Gosden.

WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:30 p. m., orchestral selections, Wisconsin Hotel orchestra; vocal selections.

WIJD, Mooreshead, Ill. (370.2m-810kc), 5:45-7 p. m., Howard Peterson, organist; Palmer House symphony players; Victorians; 8:9, Carl Bandell; Palmer House Victorians; 10:11, Carl Bandell; Palmer House Victorians; Jack Nelson; 12 m., Section U hour.

WLIE, Chicago, Ill. (392.8m-890kc), 7:15 p. m., dinner concert; 7:45-8:30, military songs; 7:20-7:50, old fashioned almanack; 7:50-7:55, Drake concert ensemble, Tommy Coates, haritone; 11:12, Correll and Gosden; Bobby Mesner's Drake hotel dance orchestra; 12-1, Coon Sanders night club.

WLS, Chicago, Ill. (344.6m-870kc), 7:15-8:15 midnight, national barn dance; 8:15, Rainbo Gardens orchestra; Belden Bissico; Lamb and Plada; College Inn orchestra; Ralph Emerson, organist; finals; Indiana Radio Talent concert.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Gus Edwards' orchestra; 8, musical pot-nourri; 8:30, photologue; 9, Chicago theater revue.

WOAW, Omaha, Neb. (526m-570kc), 6:50 p. m., orchestra; 9, program.

WOC, Davenport, Ia. (483.6m-620kc), 5:45-6 p. m., chimes concert; 9:10, Mrs. R. Harper, soprano; John Bishop, reader; Orville Foster, pianist.

WQJ, Chicago, Ill. (447.5m-670kc), 7:3 p. m., specialty program, popular ballads; Rainbo Gardens orchestra; Sheppard Levine, tenor; Clarence Claysen, baritone; 10:3 a. m., Rainbo Gardens orchestra; Harry Geise, Jack Klein; Harmony duo; Betty Rose in song and piano.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Atwater Kent hour; 10:45, Ernest Rogers' Red Head hour.

WSM, Nashville, Tenn. (282.8m-1060kc), 6:30 p. m., Andrew Jackson hotel orchestra; 8, barn dance.

WSMB, New Orleans, La. (519m-940kc), 8:30-10:30, ballad and popular music; orchestra, Matthews Sisters, John Ude, Rastus and Dinah; 12, Witching hour.

FARMER'S PROGRAM INDEX

Farmer Dinner Concerts			
Daily Except Sunday			
CENTRAL TIME			
KFNH, 12:30 p. m.			
KMA, 11:30-12:30			
KSO, 12:30-1:30 p. m.			
Eastern	Central	Mountain	Pacific
3:30 p.m.	2:30	1:30	12:30
WFAA (475.9m-630kc), Sunday hour for farmers.			
Monday			
Eastern	Central	Mountain	Pacific
11 a.m.	10	9	8
KMMJ (228.9m-1310kc), Poultry talks.			
11:10	11	10	10
WOL (416.4m-720kc), Farm talk.			
1:10	12:10	11:10	10:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks.			
12:15	11:15	10:15	10:15
WOL (526m-570kc), Radio farm school.			
1:15	12:15	11:15	10:15
WMAQ (470.1m-1100kc), Oct. 18, "Poultry Houses."			
Oct. 25, "Less Cotton and More Crop Rotation."			
12:30	11:30	10:30	10:30
KMA (461.3m-650kc), Farm talk, agricultural.			
WMAQ (293.9m-1020kc), Timely Economics information for the farmer.			
11:45	10:45	10:45	10:45
WOL (270.1m-1100kc), Questions and answers on horticulture.			
7:45	6:45	5:45	4:45
WMS (282.8m-1060kc), Poultry talks.			
1:10	12:10	11:10	10:10
WOS (440.9m-680kc), Livestock questions and answers.			
7:30	6:30	5:30	4:30
KUOA (299.8m-1000kc), Farm courses, Oct. 18, Farm filosity, "Observations All Over Arkansas."			
WCCO (416.4m-720kc), Farm lecture.			
WMAQ (459.7m-600kc), Farm talk.			
8	7	6	5
KFNH (461.3m-650kc), Poultry talk.			
1:30	12:30	11:30	10:30
WFAA (475.9m-630kc), Sears-Roebuck program.			
1:45	12:45	11:45	10:45
KOAC (280.2m-1070kc), Oct. 18, "Production and Uses of Vetch Grasses and Similar Sod Formers in the Northwest," Soil and Water as Related to Irrigation." Oct. 25, "Canary Grass, Meadow Fox Tail and Blue Grass of Oregon." Use and Waste of Irrigation Water."			
1:50	12:50	11:50	10:50
WMAQ (447.5m-670kc), Prairie Farmer farm talk.			
1:15	12:15	11:15	10:15
WOL (526m-570kc), Radio farm school.			
1:15	12:15	11:15	10:15
WMAQ (293.9m-1020kc), Farm flash, Crops and Livestock.			
1:30	12:30	11:30	10:30
KMA (461.3m-650kc), Agricultural aid.			
WOL (270.1m-1100kc), "Animal Husbandry."			
1:45	12:45	11:45	10:45
WMAQ (379.5m-790kc), Agricultural program.			
1:50	12:50	11:50	10:50
WMAQ (293.9m-1020kc), Plant Diseases.			
7:30	6:30	5:30	4:30
WMAQ (293.9m-1020kc), Oct. 15, "Complete Rabbit Raising Book," Oct. 26, "The Use of Artificial Light to Increase Egg Production."			
8:45	7:45	6:45	5:45
KYW (535.4m-560kc), American Farm Bureau Federation.			

WTAW, College Station, Tex. (270.1m-1100kc), 7:30 p. m., anniversary dinner, Pres. T. O. Walton, toastmaster.

Mountain Time Stations

KOA, Denver, Colo. (322.4m-830kc), 10:30 p. m., dance program, Scheuerman's Colorado orchestra.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-820kc), 7-8 p. m., Paul Roberts, organist; 8:9 program, Los Angeles City orchestra; 9:10, Angelus string quartet; 10-11, Radio club; 11-2 a. m., KFI midnight frolic.

KFWB, Hollywood, Calif. (252m-1190kc), 8:30 p. m., Norma Meyer and orchestra; 9-10, Luis H. Phillips, tenor; Bill Hatch's orchestra; 10-11, Warner Bros. orchestra.

KGO, Oakland, Calif. (361m-830kc), 9-1 a. m., Hotel Whitecomb band; Frank Gilmore, tenor.

KJVA, Los Angeles, Calif. (405.2m-700kc), 6-7 p. m., dinner concert; 9:30-10, U. of Oregon; U. of Sidney of Australia, debate; 10-12, Indian Grill.

KTL, Los Angeles, Calif. (405.2m-700kc), 6:30-7:30 p. m., children's hour with Uncle John; 8-10, Times of Live program.

KNX, Los Angeles, Calif. (336.5m-890kc), 7 p. m., stories of insect life; 7:30, features; 10, Cocanant Grove orchestra; 11, Saturday night frolic.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7:30 p. m., States Restaurant orchestra; 8:10, Mandala orchestra; 10-12, Cliff hotel dance orchestra.

Eastern Time Stations

KDKA, Pittsburgh, Pa. (369.1m-870kc), 11 a. m., Calvary Episcopal church; 4 p. m., Dr. Charles Heinrich's orchestra; 8 p. m., Presbyterian church; 8:30, KDKA Little symphony; 10:30, East WBZ, Springfield, Mass. (384.5m-800kc), 7 p. m., musical; Boris Kreinin, director; 8, concert; 9, Golden Rule hour; 10, Maxwell House Coffee ensemble; WJZ.

WCCX, Detroit, Mich. (516.9m-580kc), 7:15 p. m., Central Methodist Episcopal church; 8:15, radio service; 8:30-9, Light House choir; Evelyn Radio service; 9:30-10, People's Conference; 4:30-5:30, Young People's Conference; 6:30-7:30, orchestra concert; 7:20-8:15, Capitol theater program; Master Doves and his family; 9:15-10:15, Atwater Kent hour.

WEAF, New York, N. Y. (491.5m-610kc), 2-3 p. m., Interdenominational church services; 3-4, Young People's Conference; 4:30-5:30, Men's Conference; 5:30-6, musical program; 6:30-7:30, orchestra concert; 7:20-8:15, Capitol theater program; Master Doves and his family; 9:15-10:15, Atwater Kent hour.

WEAT, Boston, Mass. (348.5m-860kc), 7:20 p. m., Light House choir; 8:15, radio service; 8:30-9, People's Conference; 4:30-5:30, Men's Conference; 5:30-6, musical program; 6:30-7:30, orchestra concert; 7:20-8:15, Capitol theater program; Master Doves and his family; 9:15-10:15, Atwater Kent hour.

WEEI, Philadelphia, Pa. (384.5m-800kc), 10:30 a. m., services; Arch St. Presbyterian church; 10:30 a. m., Park Avenue Baptist church; 10 a. m., Emmanuel Baptist church; 9:15, WJZ; 10:30, WJZ; 11:30, WJZ; 12:30, WJZ; 1:30, WJZ; 2:30, WJZ; 3:30, WJZ; 4:30, WJZ; 5:30, WJZ; 6:30, WJZ; 7:30, WJZ; 8:30, WJZ; 9:30, WJZ; 10:30, WJZ; 11:30, WJZ; 12:30, WJZ.

Sunday, October 17

Headliners Today

Eastern	Central	Mountain	Pacific
5 p.m.	4	3	2
KMA (461.3m-650kc), Mixed sacred program.			
WSB (428.3m-700kc), Sacred concert.			
8:15	7:15	6:15	5:15
WMAQ (491.5m-610kc), WEEI (348.5m-860kc), WRS (325m-920kc), WGR (319m-940kc), WJZ (352.7m-850kc), WGN (292.3m-990kc), WMAQ (416.4m-720kc), KSD (458.1m-550kc), WTAC (389.4m-770kc), WRC (468.5m-640kc), WFI (294.5m-790kc), WCAE (461.3m-650kc), WAT (483.6m-620kc), WTAG (545m-550kc), Atwater Kent hour.			
10	9	8	7
KMOX (280.2m-1070kc), Skouras Brothers Sunday.			
10:15	9:15	8:15	7:15
WCCO (416.4m-720kc), Chippewa Indians' musical program.			
11	10	9	8
KHJ (265.2m-740kc), Requests, Orpheus Four.			
KHLS (374.5m-800kc), Organ classic.			
12	11	10	9
KFWB (252m-1190kc), Movie frolic.			
KGO (361.2m-830kc), Little symphony concert.			
KRCC (296.9m-1010kc), Pipe organ concert.			
WBAP (475.9m-630kc), Barjo quintet.			

WWJ, Detroit, Mich. (352.7m-850kc), 10 a. m., First Presbyterian church, 10 a. m., News orchestra; 7:30, WEAF; 9:15, WEAF.

Central Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 11 a. m., Wesley church; 7:30, English Lutheran church; 9:10, Royal Alexander Hotel; 10:30, English Lutheran church.
KFAB, Lincoln, Neb. (340.7m-880kc), 9:10-30 p. m., Sunday evening musical.
KFNP, Shenandoah, Iowa (461.3m-650kc), 10:45 a. m., Presbyterian church; 2:30 p. m., Seed House song service; 3 p. m., services; 6:30, services, vocal selections; 7:30, Baptist church.
KIDS, Independence, Mo. (440.9m-680kc), 11 a. m., service; 3 p. m., services; 6:30, services, vocal selections; 9:15, services; Elizabeth Hitchcock, organist.
KMAA, Shenandoah, Iowa (461.3m-650kc), 12:15-1:30 p. m., sacred song service; 4-5, mixed sacred program.
KMOX, St. Louis, Mo. (280.2m-1070kc), 9 p. m., Sunday night club.
KYW, Chicago, Ill. (535.4m-580kc), 11 a. m., Central church; 4:30 p. m., studio concert; 9:30-11, classical concert; 7-8:30, Sunday evening club service.
WBAP, Ft. Worth, Texas (475.2m-590kc), 11 a. m., First Methodist church; Will Foster, organist; 12:30-1:30 p. m., Kiddies' hour; 9:30-11, Sorin-White Top O Texas orchestra.
WBBM, Chicago, Ill. (225.4m-1390kc), 8:10 p. m., Melody hour; 12:2, Nutt, radio blues class; 7:30-8:30, WBBM, Chicago, Ill. (225.4m-1390kc), 8 p. m., mixed quartet; Ernie Reynolds, soprano; Chester Bagnall, baritone; Richard E. Hirt, violinist; Florence Farr, contralto.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 10:50 a. m., Westminster Presbyterian church; 4:10 p. m., House of Hope Presbyterian church; 7:30, Second Church of Christ, scientist; 8:15, WEAF; 9:15, musical program, Chipewaa Indians.
WDAF, Kansas City, Mo. (365.6m-520kc), 3-4 p. m., Star's orchestra; 4:4-5, vespers.
WFAA, Dallas, Texas (475.9m-630kc), 2:30-3:30 p. m., Farmers' hour; 6-7, Radio Blues class; 7:30-8:30, First Presbyterian church; 8:30-9:30, Jeff and Johnny; 11-12, Paul Creston; 11:30, his tangle quintet.
WGN, Chicago, Ill. (302.8m-890kc), 6:45-7 p. m., Blackstone string quintet, solo artists; 7-7:20, Million song; 7:30-7:50, mid-fashioned album; 7:50, concert ensemble; Correll and Gosden; 8, Auld Sandy; 8:15, WEAF; "Our Musical Room"; 10, Sam N. Henry; 10:10, Armand Buesseler, violinist; 10:20, Bible reading; 10:30, Coon Sanders orchestra.
WHAS, Louisville, Ky. (329.8m-750kc), 10 a. m., Broadway Christian church; 4-5:30 p. m., choral evening service, Christ Church cathedral.
WHO, Des Moines, Iowa (525m-570kc), 11 a. m., Rabbi Manheimer, Rnai Yeshurun Congregation; 5-6 p. m., Little symphony; 7:30-9, Paul Christian-son's Hotel Fort Des Moines orchestra; 11-12, musical program.
WJLD, Moonshart, Ill. (870.2m-810kc), 7:45 a. m., Catholic services; 9:40, Protestant services; 1 p. m., Howard Peterson, organist; 2, Bible class; 2:30, song service; 3-4, concert; 4:5, symphony orchestra.
WLIB, Chicago, Ill. (302.8m-890kc), 5-6:15 p. m., Hewitt Johnson, pianist; Leon Lichtenfeld, cellist; Tommy Carter, baritone; Blackstone string quintet.
WLS, Chicago, Ill. (344.6m-870kc), 12:30 p. m., Elsie Mae Leok, organist; 1:45, Chicago church federation; 6:57-55, WLS Little Brown church.
WQAF, San Antonio, Texas (394.5m-790kc), 11 a. m., First Presbyterian church; 7:55 p. m., Central Christian church.
WQAW, Omaha, Neb. (526m-870kc), 9 a. m., services, Omaha Gospel Tabernacle; 1:30 p. m., Father Flanagan's boys' home period; 2:30, old time songs; 9, chapel service.
WOC, Davenport, Iowa (483m-820kc), 1 p. m., Palmer Little symphony; 6:30, Presbyterian church; 8:15, WEAF; 10-11, Palmer Little symphony.
WQJ, Chicago, Ill. (447.5m-670kc), 10:30 a. m., 12-30 p. m., Pentecost Church of Chicago; 3-4, musical; James Luchanski, tenor; Gertrude Hartman, contralto; 8:10, concert; 9, E. M. Noble, F. M. Noble; Herman Techtman; Helen Axtell, soprano; Margaret McCullah, contralto; Anton Hassel, tenor.
WSB, Atlanta, Ga. (428.3m-700kc), 9 p. m., Lutheran church of the Redeemer sacred concert; 8, Presbyterian church.

WSUI, Iowa City, Iowa (483.6m-620kc), 4 p. m., vesper service; University orchestra, chorus; 9:30, familiar hymns.

Mountain Time Stations

KOA, Denver, Colo. (322.4m-930kc), 10:50 a. m., First Church of Christ, scientist; 5:30 p. m., organ recital; 9:10, Bob Botzer's Venetians; 10:11, Packard and Six dance orchestra.
KFWB, Hollywood, Calif. (525m-1190kc), 9:11 p. m., Warner Brothers Sunday night movie frolic.
KGO, Oakland, Calif. (361.2m-830kc), 11 a. m., First Presbyterian church; 4 p. m., vesper service; 6:30, 7:30, Stanislas Bem's Little symphony orchestra; 7:35, First Presbyterian church; 9:10, Stanislas Bem's Little symphony.
KGW, Portland, Ore. (491.5m-610kc), 10:25 a. m., First Presbyterian church; 7:30-9 p. m., Huson Memorial Baptist church; 9:10, Chevrolet Little symphony orchestra.
KHP, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., First M. E. church; 8:10, Orpheus Four male quartet; Frederick MacIntyre, viola soloist.
KNX, Los Angeles, Calif. (336.9m-890kc), 4 p. m., City Park Board musical program; 4:30, chi-chat; 6:30, Hollywood Unitarian church; 7, First Presbyterian church; 8, Circle theater; 9, feature program.

Monday, October 18

Headliners Today

Eastern Central Mountain Pacific
8 p.m. 7:30 8:30 5:30
WHAZ (379.5m-790kc), Collar City male quartet.
9 9:30 8:30 6:30
WTIC (475.9m-630kc), Plaut Polyphonians.
9:30 8:30 8:30 6:30
KFAB (340.7m-880kc), Zenith quartet.
10:30 9:30 8:30 7:30
KNX (336.9m-890kc), Playlet.
WDAF (475.9m-630kc), Old-time fiddlers.
11 10 8:30 8
KGO (361.2m-830kc), The Gondoliers.
WSM (282.3m-1060kc), Southern Serenaders.

Monday, silent night for: CFCA, KFDM, KHJ, KIDS, KPSN, KYW, PWX, WBBM, WCBD, WCLF, WERN, WENR, WFL, WGBS, WGBS, WGN, WGY, WHAS, WHT, WIBO, WIP, WJAZ, WJLD, WLB, WLS, WMAQ, WMBB, WML, WOC, WOR, WORL, WQJ, WSAL, WSWs.

Eastern Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 6:15 p. m., Hi-Fi club orchestra; 7:45, U. of Pittsburgh; 8, KDKA Little symphony orchestra; 11:30, Art Gies and his Everglades club orchestra.
WAHC, Richmond Hill, N. Y. (315.5m-850kc), 7:30 p. m., Walter Ross, pianist; 8, Helen DeVitt Jacobs, violinist; Jevva Blix, Norwegian contralto; Viola Scherer, soprano; 9, Synchronone hour; 10:45, Charlie Fern's entertainers; 10:30, Harry Ash's orchestra; 12, variety program.
WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., dinner orchestra; 6:30-8, Frederick D. Weaver, organist; 8:9, Lillian Howard Mann, contralto; Jackson Maynor, Baltimore; 9:10-10, ensemble; 10-11, Roberta Gianvitti, soprano; George Boles, pianist; 11-12, dance orchestra.
WVZ, Springfield, Ill. (333.3m-900kc), 6:15 p. m., Hotel Lenox ensemble; 6:30, Jackson's Bunters club orchestra; 7:05, Rene Dageanis, organist; 7:30, "How to See and Read Plays," Prof. Robert B. Rogers; 8, Capitol theater orchestra; 8:30, Julia Cullinane, saxophonist; Anne Cullinane, pianist.

9, Aleppo Drum corps; 9:30, Thomas Connors, tenor; 9:45, Banjo Alf; Ruth Carroll.
WCAU, Philadelphia, Pa. (277.5m-1050kc), 7:30 p. m., Shenellberg recital; 8, Sklier's Skylarks; 8:15, recital; 8:45, Merry Minstrels; 8:50, La Fonte Sisters, harmonica solos; 9:45, New Century vocal quartet; 10:15, Maurice Patton, tenor; 10:30, 10:30, E. R. Kibort.

WCC, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Giordetto ensemble; 8, studio program.
WEAF, New York, N. Y. (491.5m-610kc), 4:12 p. m., Rudie instrumental trio; Margaret Olson Hamilton, soprano; tea music; dinner music; John Parrish, tenor; A. W. Crystall, Dr. H. T. Traylor; WEAF Grand Opera company; dance music.
WEEL, Boston, Mass. (348.6m-860kc), 6:40, Boston Globe broadcast; 6:45, Big Brother club; 7:30, musicals; 8, book talk; 8:15, musicals; 9, WEAF; 10, Republican State committee talk; 10:30, E. R. Kibort.
WGV, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., W. Van Currier.
WHAZ, Troy, N. Y. (379.5m-790kc), 8 p. m., Colar City male quartet; 9, Domino club orchestra.
WHN, New York, N. Y. (381.2m-830kc), 6:30 p. m., WLN Radio Movie club; 7:30, Joe Ward's Swannee entertainers; 8:30, Roseland dance orchestra; 10:30, Kentucky club; 11:30, Cotton club orchestra; 12, Supersuicene trio.
WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wags' bedtime stories.
WJR, Detroit, Mich. (516.9m-580kc), 7 p. m., Jean Golden's symphony orchestra; 9, soloist; 7:15, Caspar Lingenan entertainers; 7:45, Gus Wilt Oakland, Chief Pontiac; 9, studio program.
WJZ, New York, N. Y. (454.3m-650kc), 7 p. m., Hotel Commodore dinner orchestra; 7:40, Republican talk, Ogden L. Mills; 7:55, John B. Kennedy; 9:10, Melody boys orchestra; 9:30, Donald Bain; 9:40, Supermusicone trio.
WMAA, New York, N. Y. (340.7m-880kc), 6 p. m., Oleott Vail and his Hotel McAlpin string ensemble; 6:30, Ernie Golden and his Hotel McAlpin orchestra; 8, Christian Science services; 9:15, Hardman hour of music; 12, McAlpin entertainers.
WOB, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; Newark Evening News; 7:30, Brooklyn Daily Eagle program; 9, Klein's Serenading Showmen; 10:30, Jascha Guerwits' dance orchestra.
WRC, Washington, D. C. (468.3m-640kc), 6 p. m., Washington Post hour; 8, vesper hour; 9, WEAF; 10, Meyer Davis' Swannee entertainers; 11:12, Lowe's Dance theater.
WRVA, Richmond, Va. (256.3m-1170kc), 7 p. m., Boy's Harmonica hour; 8:15, instrumental octet; 9:10, Melody boys orchestra; 9:30, quartet; 10, Pollock instrumental; 10:30, Hotel Richmond Winter Garden orchestra.
WSAT, Cincinnati, Ohio (325.9m-920kc), 9 p. m., WEAF; 10, WEAF.
WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Guy Lombardo's Royal Canadians; Allen Theater orchestra; 8, Willard concert orchestra; 9, WEAF; 10, Willard concert orchestra; 11, Emerson Gill and his Bamboo Garden orchestra.
WTIC, Hartford, Conn. (475.9m-630kc), 6:30 p. m., Hotel Bowditch; 7:15, Frances Hoeng, violinist; Betty Kaskey, contralto; Mary Elizabeth Flag, pianist; 8:30, A. B. Clinton musical program; 9, Plaut Polyphonians; 11:30, Walter Dewley, organist.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, WEAF; 9, News orchestra.

Central Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 8:30-9 p. m., studio program; 9:10, Stewart Warner concert; 10:31, Reilander's hour; 11-12, Capitol theater revue.
KFAB, Lincoln, Neb. (340.7m-880kc), 8:30-10:30 p. m., Zenith quartet; Harmon Bros.
KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., children's club; 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

WMAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Shelly Lee Alley's orchestra; 8:30-9:30 farm program.
WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., Arthur Richter, organist; 8:30, popular studio program; Sally and her gang.
WHD, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbrick's Youngsters' tea-music orchestra; 8:30, Bankers Life trio; Myrtle Williams, soloist; 11-12, dance program.
WQAW, Omaha, Neb. (526m-870kc), 6 p. m., Hugo Heyn, marimba soloist; Emil Hoffmann, pianist; 6:30, Joe Bauer and his Highway Gardens orchestra; 9, 9.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Sears-Roebuck agricultural foundation program; 10:45, Charlie Troutts Melody artists' orchestra.
WSM, Nashville, Tenn. (282.3m-1060kc), 6:45 p. m., Andrew Jackson hotel orchestra; 8, studio program; 10, Harry Bailey and his Southern serenaders.

Mountain Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 7:30, Book of Knowledge program; 8, instrumental program, Scheuerman's Colorado orchestra; 8:25, studio program, orchestra, vocal, piano solos; duets, instrumental, readings.
Pacific Time Stations
KFI, Los Angeles, Calif. (467m-842kc), 7-8 p. m., Owen Fallon's Californians; 8:9, semi-classical hour; 9:10, program; Walter M. Murphy, organist; company, KPO; 10-11, Meiklejohn Brothers.
KGO, Oakland, Calif. (361.2m-830kc), 6:55-8 p. m., Stanislas Bem's Little symphony orchestra; 8:5, Gondoliers, Arion trio; Ervin Holton, tenor; 9, chat about new books, Joseph Henry Jackson.
KGW, Portland, Ore. (491.5m-610kc), 6:7 p. m., dinner concert; 7-7:30, KGW movie club; 7:45-8, talk; 8:1, radio association program; 9, 9:10, concert; 10-12, Cole McDroy's orchestra.
KNX, Los Angeles, Calif. (336.9m-890kc), 7 p. m., 9, features; 10, orchestra; 11, Hotel Ambassador, 9, features; 10, orchestra; 11, Hotel Ambassador.

Tuesday, October 19

Headliners Today

Eastern Central Mountain Pacific
8:30 p.m. 7:30 8:30 5:30
WDAF (475.9m-630kc), Navy Day program.
WFAA (399.8m-750kc), Zoeller's Melodists.
9 8
WHB (365.6m-820kc), Ukulele songsters, WLW (423.3m-710kc), Formica concert.
WTIC (475.9m-630kc), Symphonic ensemble.

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Eastern Central Mountain Pacific
10 p.m. WEAF (491.5m-610kc) WEEI WESL WTAG
WJAR WGER WCAE WFTM WFL WVVJ
WNSA WGR WCCO WCOO KSSD Auction
Bridge Instructions, I.
8 KMOX (280.2m-1070kc) Fantasia "Yellow
Leaves"
12 KFI (467m-640kc) Packard Radio club, 10

Tuesday silent night for: CFCA, KFH, KEFK,
KFUD, KOE, KTAB, KWVC, PWH, WAHC,
WAMD, WBBR, WEMC, WGGP, WOS, WRVA,
WVSB, WSUL, WTAM, WVIC.

Eastern Time Stations

KDKA Pittsburgh, Pa. (309.1m-970kc), 6:15 p. m.,
KDKA Little symphony orchestra; 7:45, U. of Pitts-
burgh; 8, sacred songs; 8:45, acts from American
Literature; Elbert R. Moses; 9, KDKA string quar-
ter; 11:35, Grand theater.
WBZ Springfield, Mass. (333.1m-900kc), 6:15 p. m.,
Arthur Clifton, organist; 6:30, Ernie Andrews and
his Broadway Troubadours; 7:05, Hotel West-
minster orchestra; 7:45, Repertory theater concert
orchestra; 8, Champion Speaker; 9, Arthur Haxan,
baritone; Morrok trio.
WXX Detroit, Mich. (516.9m-580kc), 6:7 p. m., din-
ner program; 6:30, Gorette ensemble; 10, Red Apple
club.

WEAF New York, N. Y. (491.5m-610kc), 4 p. m.,
musical program; 4:30, WEAF; 8:30, talk; 9,
WEAF; 10, music; 10:30, dancing; 11, musical.
WFL Philadelphia, Pa. (394.5m-760kc), 6:45 p. m.,
Adelphia Ross; 7:30, address; 8, WEAF; 9,
WEAF; 10, WEAF; 10:30, dance orchestra.
WGY Schenectady, N. Y. (378.5m-790kc), 6:30 p. m.,
dinner program; 8, WJZ; 9, WJZ;
10, WJZ; 10:30, WMAK program.

WJZ New York, N. Y. (361.2m-530kc), 7 p. m.,
Iceland dance orchestra; 7:30, WJZ Oakland's che-
teau; 8, Treaseland Home Owners ensemble; 8:30,
Sachs Surprises; 9:30, address; 9:45, St. theatre or-
chestra; 10:30, Strand Roof orchestra.
WIP Philadelphia, Pa. (508.2m-610kc), 6:05 p. m.,
Benjamin Franklin hotel concert orchestra; 7,
Uncle Wip's bedtime stories; 8, dramatic reviews,
Elliott Lester; 9:30, recital; 10:30, program from
WGBS; 9:30, recital; 10:30, Kimo's weekly movie
broadcast; 10:30, Benjamin Franklin hotel con-
cert orchestra.

WJR Detroit, Mich. (516.9m-580kc), 7 p. m., Gold-
kette's symphony orchestra, soloists; 8, Board of
Commerce, M. Clemens, Mich.; 8:30, Musical City
girls; 9, studio program.
WJZ New York, N. Y. (454.3m-660kc), 7:05 p. m.,
Frank Dole; 7:30, Hotel Commodore dinner orches-
tra; 8, Champion Spark Plug hour, WRC, WGY
also broadcasting; 9, Pennsylvania Railroad hour;
10, Cook's Southern Hemisphere tour, WRC, WGY;
10:45, George Olsen's Hotel Pennsylvania orchestra.
WLIT Philadelphia, Pa. (394.5m-760kc), 7:30 p. m.,
concert orchestra.

WLW Cincinnati, Ohio (422.3m-710kc), 7 p. m.,
American Composer series; 7:30, "Piano Memories,"
Mary Wozeske; 8, Crusley Burnt Corkers; 9,
Fermier concert.
WMCA New York, N. Y. (340.7m-880kc), 6 p. m.,
Oleott Vail and his Hotel McAlpin string ensemble;
8, California Gamblers; 9, Ernest Golden and his
Hotel McAlpin orchestra; 12, McAlpin entertainers.

WOR Newark, N. J. (405.2m-740kc), 6:15 p. m.,
Bill Wathay in sports; 6:30, Hotel Breton Hall
string quartet; 7:30, Premier orchestra; 8,
Litzer organ recital; 9:15, New Jersey Laundry
Owners program; 11, Crystal Ball orchestra.
WRC Washington, D. C. (468.5m-640kc), 7 p. m.,
Raleigh hotel orchestra; 8, WJZ; 9, WEAF; 10,
WJZ; 10:30-11:30, Meyer Davis; 11, Carnegie hall.
WSAI Cincinnati, Ohio (325.9m-820kc), 7:45 p. m.,
James S. WEAF; 8:30, Jolly Buckeye Bakers; 9,
WEAF; 10, WEAF.

WTAM Cleveland, Ohio (389.4m-770kc), 6 p. m.,
Hotel Cleveland orchestra; 7, Stein's char. orchestra;
8, WEAF; 8:30, WEAF; 11, Austin Wylie's
Vocational Recording orchestra.

Central Time Stations

KFAB Lincoln, Neb. (340.7m-880kc), 5:30-6:30 p. m.,
Little Symphony orchestra; 8:10-9:30, U. of Nebraska.
KMOX St. Louis, Mo. (280.2m-1070kc), 6:30 p. m.,
Jacquinot Jules, organist; 7, Little Red School
house; 8, orchestra; 9, fantasia, "Yellow Leaves";
10, orchestra.
KPRC Houston, Texas (298.5m-1010kc), 7:30 p. m.,
Seagr Ellis, pianist; 8:30, Louise Daniel, pianist;
9, Auction bridge game No. 1.

KYW Chicago, Ill. (555.4m-560kc), 6:30 p. m., din-
ner concert, Congress hotel; 7:30, family hour; 8:30
program, musical selections; 9:10-10, classical con-
cert; 10:30-12, Congress Carnival.
WBAP Ft. Worth, Texas (475.9m-630kc), 7:30-8 p. m.,
Navy Day program; 9:30-11, classical and
semi-classical selections, Etzel ensemble.
WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc),
7:30-8 p. m., W. WEAF; 9:30, musical comedy, Gar-
rett's Chocolate Soldiers.

WDAF Kansas City, Mo. (365.6m-820kc), 6:7 p. m.,
school of the air; 11:30, Don Bestor's Victor Re-
cording orchestra; Ken Viduor, organist.
WFAX Dallas, Texas (478.9m-630kc), 6:30-7:30 p. m.,
Texas Gamblers; 7:30, Marion W. Komine; 8:30-9,
bridge game; 9:30, Edwin Lisman, bass; 11-12,
Jimmy Loy's Ball hotel orchestra.
WGN Chicago, Ill. (302.8m-890kc), 6:45-7 p. m.,
Drake concert ensemble, Blackstone string quintet;
8:30, WEAF; 9, Bridge game; 9:30, studio program;
10, Sam W. Henry; 10:10, Music Box; 10:20, Fred-
erick Newell Wood, tenor; 10:30, musical program;
10:40-11, songs, Correll and Gosden.

WHAD Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m.,
orchestral selection; Wisconsin hotel orchestra;
vocal selections; 8:30, Wisconsin theater review;
10:30, George Devine's orchestra.
WHAS Louisville, Ky. (399.6m-760kc), 7:30-9 p. m.,
Carl Zeller's Melodists.
WHQ Des Moines, Iowa (526m-570kc), 7:30-8:30 p. m.,
14th Cavalry band; 8:30-9, Beulah Fraily,
soprano; Don Parker, baritone; Merle McDaniels,
soprano; 11-12, dance program.

WJJD Mooseheart, Ill. (370.2m-810kc), 5:45-7 p. m.,
dinner concert; Howard Peterson, organist; sym-
phony players; Victorians; 8:30, child artists; 10:11,
Palmer House Victorians; Clarence Harper, Lucky
Wilbur; 12:30 a. m., Set! Up boys.

WLIT Chicago, Ill. (302.8m-890kc), 7 p. m., dinner
concert; 7:15-7:30, million singer; 7:30-8:30, Faith
Allen almanack; 7:30-7:40, Correll and Gosden; 7:40-
8, Auld Sandy; 11-12, Correll and Gosden; Ambrose
Larsen; 12-1, night club.

WLS Chicago, Ill. (344.6m-870kc), 6 p. m., super-
bell program; 6:40, Marie Schreiner's College Inn
orchestra; 7, play and music; 7:45-8:15, Etude Radio
hour, D. A. Chippinger.

WOAL San Antonio, Texas (394.5m-760kc), 8:30-9:30
p. m., Gebhardt Mexican players.
WOAW Omaha, Neb. (526m-570kc), 6 p. m., clas-
sical; 6:20, popular song period; 6:50, Pat's melody
boys; 9, popular and old time music.

WOC Davenport, Iowa (468.5m-820kc), 7 p. m.,
WEAF; 7:30-8, William Lyons, harmonist; 8,
WEAF; 9, WEAF; 9:30-10:30, Herbert Silher-
stein, violinist; Gene Ballard, tenor; Bernard
Schuler, baritone.

WSB Atlanta, Ga. (428.3m-700kc), 8 p. m., Atlanta
Community concert program; 10:45, concert.
WSM Nashville, Tenn. (282.5m-1060kc), 8 p. m.,
studio program.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc), 6:30 p. m., din-
ner concert, Brown Palace string orchestra; 8:30,
Wit and humor of the age; 9, Auction bridge.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc), 7:8 p. m.,
Howards Quality Serenaders; 8:9, Screen Artists
string quartet; Rosemary, tenor; 9:30, Faith
Tyler Plock, pianist; Le Roy Bessler, baritone;
WRC, Packard Radio club.

KFWB Hollywood, Calif. (525m-1190kc), 8:9 p. m.,
Ina Mitchell Butler, ballads; Esther White, blues
singer; Bill Frater, accordion soloist; 9:30, Bill
Hatch and his dance orchestra; 10-11, Warner
Brothers frolic; 11:30, music.

KGO Oakland, Calif. (361.2m-830kc), 6-6:55 p. m.,
Stanislus Bem's Little symphony orchestra; 8:9,
Pickrims; 9, surprise broadcast.

KGW Portland, Ore. (491.5m-610kc), 6-7 p. m., pro-
gram; Eddie stores; 7-7:30, children's program, At-
water-Kent boys; 7:30-7:45, utility service; 8-10,
educational program; 10-12, Herman Kenin and his
orchestra.
KHI Los Angeles, Calif. (465.2m-740kc), 6:30-7:30
p. m., weekly visit of Queen Titania and the Radio
Fairies; 8:10, Stewart-Warner quartet; Ethel Glass-
man Clark, soprano; 10-11, L. A. Ry. dance or-
chestra.

Wednesday, October 20

Headlines Today

Eastern Central Mountain Pacific
8 p.m. 7 6 8
WHI (365.6m-820kc) 8 Gems from operas.
7 WDAF (365.6m-820kc) Ivanhoe band, glee club,
WFO (526m-570kc) Hapa-Grotto quartet.
9:30 8:30 7:30
WCO (416.4m-720kc) St. Paul string trio.
KDKA (309.1m-970kc) R. V. Trio.
10:25 9:25 8:25 7:25
KOA (322.4m-930kc) Composer Handel's selec-
tions.

Wednesday, silent night for: KFDM, KLDs,
KMJL, KOIL, KFSN, KTAB, KUOA, KWVG,
WABO, WBAL, WBAP, WBBR, WCBF, WFAA,
WFC, WGBF, WGBS, WGGP, WHAR, WIP, WJAZ,
WMC, WOAL, WOAW, WFC, WSUL, WVIC.

Eastern Time Stations

KDKA Pittsburgh, Pa. (309.1m-970kc), 6:15 p. m.,
dinner concert; 8, Barbara Bess Wellman, contralto;

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newsstands October 31. Better reserve
the First November number NOW!

Virginia Wellman, harpist; Fred W. Lotz, pianist;
9:30, R. V. Trio.
PWX Havana, Cuba (389.8m-750kc), 8-10 p. m.,
Military band music.
WAHC, Richmond Hill N. Y. (315.6m-950kc), 9:15
p. m., Ralph Lane, tenor; Milton Schwartz, vio-
linist; Milton Katz, pianist; 10:02, Good Humor
Boys.
WBZ Springfield, Mass. (333.1m-900kc), 6:30 p. m.,
Musical Mirth Makers; 7:30, Conley Plaza orches-
tra; 8, saxophone program; 8:30, John Gruber,
6:30, Blue Jackets.
WEAF New York, N. Y. (491.5m-610kc), 4-12 mid-
night, Ernie Harmon, soprano; dinner music; Kofel's
Palaiz D'Or orchestra; Davis saxophone octet;
Smith Brothers; Ben Bernie's orchestra.
WGBR Detroit, Mich. (516.9m-580kc), 6 p. m.,

dinner concert; 8-8:30, studio program; 8:30-9,
campers' half hour; 9:10, Little symphony orchestra.
WGY Schenectady, N. Y. (378.5m-790kc), 7:30 p. m.,
Eastman theater orchestra, WLAB; 8:15, musicale.
WHN New York, N. Y. (361.2m-830kc), 7:15 p. m.,
Bob Langston, songs; Ruth Marr, pianist; 7:30,
Loew's Lexington theatre organ recital; 9:10,
Loew's New York theatre orchestra; 9:30, Loew's
7th Avenue theatre concert; 10, Roseland dance
orchestra; 11:30, Silver Slipper orchestra.

WIP Philadelphia, Pa. (508.2m-610kc), 6:05 p. m.,
Benjamin Franklin concert orchestra; 6:30, popu-
lar songs; 7, Uncle Wip's bedtime stories.

WJR Detroit, Mich. (516.9m-580kc), 7 p. m., Gold-
kette's Petite symphony orchestra, soloists; 7:45,
Good Will Oakland, Chief Pontiac; 9, studio pro-
gram; 11, Murphy Brothers organist; 12, Merry
Old Chief and his Jesters.

WJZ New York, N. Y. (454.3m-660kc), 7 p. m., Hotel
Commodore dinner orchestra; 7:50, Mjor, L. D.
Gardner, talk on aviation; 8, Imperial Imps; 8:30,
Deuber Hampden, watchmaker; 9, E. A. White
hour; 10, Record Boys; 10:30, Hotel Astor orchestra.

WLIT Philadelphia, Pa. (394.5m-760kc), 7:30 p. m.,
Dream Daddy's bedtime stories; 8, dance or-
chestra; 8:30, WEAF; 9, Stanley theater hour of
music; 10, Arcadia cafe dance orchestra.

WLW Cincinnati, O. (422.3m-710kc), 7:40 p. m.,
Robert Visconti's orchestra; 10, "Piano of Pro-
grams"; 11, recital, Johanna Grosse, organist.

WMCA New York, N. Y. (340.7m-880kc), 6 p. m.,
Oleott Vail and his Hotel McAlpin string ensem-
ble; 6:30, Ernie Golden and his Hotel McAlpin
orchestra; 7:30, Pinkenberg's Harmony Boys; 12 m.,
McAlpin entertainers.

WOR Newark, N. J. (405.2m-740kc), 6:15 p. m.,
Jacques Wathay's Hotel Shelton ensemble; 6:45, Bill
Wathay in sports; 7, Jacques Jacobs' Hotel Shel-
ton ensemble; 7:25, Newark Evening News; 7:30,
Crystal Palace orchestra; 8:15, Vanderbit Hotel
orchestra; 9, Studio Guild program.

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WRC, Washington, D. C. (468.3m-640kc), 7 p. m., Hotel Washington orchestra; 8:30, WFEAF; 9:30, to be announced; 10, WFEAF; 10:30, dance music.

WRVA, Richmond, Va. (256.3m-1170kc), 8 p. m., Old time in radio; 8:30, The "A" string quartet; 9:15, organ recital; 10:15, quartet.

WSAI, Cincinnati, Ohio (325.9m-820kc), 8 p. m., Bosworth and series; 8:30, Ray's saxophone octet; 9, Ipana Troubadours; 10, Smith Brothers program.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:15 p. m., Guy Lombardo's Royal Canadians; 8, public address program; 11, Jack Horwitz Collegian auditions.

Central Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 9-10 p. m., Prof. Gregori Cortisovici, violinist; 10:11, CBRW.

KFAB, Lincoln, Neb. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-9:30, old time music night.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinet Jules, organist; 7, Radio orchestra; 8:30, Melba Hankammer, soprano; 9, civic club, Universal club; 9:30, presentation by staff of KMOX; 10:30, variety troubadours.

KYYW, Chicago, Ill. (355.4m-850kc), 6:30 p. m., Congress hotel dinner concert; 7, Family hour; 9:10, classical concert; 10:30-12, Congress Carnival.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 7 p. m., Radio Pioneers hour; 8, WFEAF; 8:30, St. Paul string trio; Florida Lott's soprano; 9, WFEAF; 9:30, Imperial quartet; 10:30, dance program; 11:30, Eddie Dunsinger, organist.

WDAF, Kansas City, Mo. (368.6m-820kc), 6:47 p. m., school of the air; 8:30, Ivanhoe band; Ivanhoe glee club; 9:30-10, WFEAF; 10:30, Nighthawk frolic.

WGN, Chicago, Ill. (302.8m-890kc), 6:47 p. m., request program, concert ensemble; string quintet; 9:10, Arabian Nights; entertainment; 10, Sam "n' Henry; 10:10, The Music Box; 10:20, songs, Tommy Coates; 10:30-12:30 a. m., The Pepper Party.

WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., Wisconsin theater organ recital, Arthur Richter; 11:30, Wisconsin theater organ recital, A. Richter.

WHO, Des Moines, Ia. (526m-870kc), 6:47 p. m., Bankers Life Little symphony; Myrtle Williams, soprano; 7:10-8, Paul Christy's Hotel Ft. Des Moines orchestra; 8:30-9, Hapas Grotto quartet; Kate Miller, whistler; 9, and Mrs. H. Burd, Hawaiian guitar music; 9:30-11, dance program.

WJDD, Monroeville, Ill. (370.2m-810kc), 5:45-7 p. m., Howard Peterson, organist; symphony players; Palmer House Victorians; 8:30, child artists; 10-11, Victorians; Gail Bandell, John Norton; 12:30 a. m., Settlin' Up hour.

WLJB, Chicago, Ill. (302.8m-890kc), 7 p. m., dinner concert; 7:15, million sing; 7:20, old fashioned almanack; 7:30-8, Tommy Coates, baritone; Edward Barry, pianist; 8:30, WFEAF; 12:30-1, Coon Sanders.

WLS, Chicago, Ill. (344.5m-870kc), 6 p. m., supper-bell program; 7:40, Marie Sherman's College Inn orchestra; 8:35, Si Spencer; 9, May and June; 7:15, harp and violin room; 7:30, Ralph Emerson, organist; 9:45, talk on Salvation Army; Myrtle Williams; 9:30, May and June; 10, orchestra; 10:30-11:30, popular program.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 6:30, Georgene Faulkner; 8, Gus Edwards' orchestra; 8:10, Contemporary; 8:30, Charles Darrow; 9, Elizabeth Post, soprano; 9:40, Illinois League of Women Voters; 9:50, air line.

WSB, Atlanta, Ga. (428.3m-700kc), 10:45 p. m., fearless entertainers orchestra.

WSM, Nashville, Tenn. (282.8m-1060kc), 6:45 p. m., Andrew Jackson hotel orchestra; 8, Vito and his Radio Seven; 10, studio program.

Mountain Time Stations

KCA, Denver, Colo. (322.4m-890kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 8, instrumental program; 8:25, studio program.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m., Virginia ballroom orchestra; 7:30, Night Harp detective story; 8-9, program, California Petroleum

corp.; 9-10, Patrick-Marsh dance orchestra; 10-11, Clas. Beauchamp, tenor, and others.

KGO, Oakland, Calif. (361.2m-830kc), 6:45-7 p. m., Stanislas Hens Little symphony orchestra; 8, farm program; 8:30, symphony orchestra.

KGW, Portland, Ore. (481.5m-610kc), 6-7 p. m., dinner concert; 8:30, 7th United States Infantry band; 9-10, musicale.

Thursday, silent night for: CFCA, KFAB, KFDM, KFH, KFOA, KFUG, KMA, KMOX, KOA, KOB, KPW, WAHG, WMAK, WEAD, WEBJ, WEMC, WGB, WHAD, WHAD, WOS, WSM, WSWL, WTAM.

Eastern Time Stations

KDKA, Pittsburgh, Pa. (369.1m-870kc), 6:15 p. m., Little symphony players; 8:30, "Rose of the Tenement"; KDKA Little symphony; 11:20, Florida club.

WBZ, Springfield, Mass. (333.1m-900kc), 6:15 p. m., Arthur Clifton, organist; 6:30, Jackson's Hunters Cabin orchestra; 7:05, organ; 7:30, musical appreciation lecture; 8:30, song trio; 9, Beulah Whitney, soprano; Dorothy B. Mulrone, pianist; Willard Clark, baritone; Charles N. Young, tenor; 10, WJZ.

WCX, Detroit, Mich. (516.8m-880kc), 6-7 p. m., Gold-kette ensemble; 8:59, studio program.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight music; Meyer Davis orchestra; 8:30, orchestral concert; Scherking quartet; 9, Cicquet club Eskimos; 10, Goodrich Zippers.

WGSS, New York, N. Y. (315.6m-850kc), 6 p. m., Uncle Geesbe; 6:30, Vincent Seroy concert trio; 7:30, trio; 7:30, George Hall and his Royal Arcadians.

WGHP, Detroit, Mich. (470.1m-1110kc), 6 p. m., dinner concert; 10-11, frolicers; 11-12, Skyarkers.

WGY, Schenectady, N. Y. (378.5m-790kc), 6:30 p. m., dinner program; 7:30, book club; 7:45, Syracuse university program; 9, World Wide Electric night; 10, WJZ; 11, studio staff; 11:30, Stephen E. Bach, choir, organist.

WHN, New York, N. Y. (361.2m-830kc), 6:30, Choir club; 7, Iceland dance orchestra; 8, Will Oakland's chateau; 8:30, Loew's Gates theatre overture and vaudeville; 11:30, Corton club orchestra.

WIP, Philadelphia, Pa. (508.2m-800kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, program from Sesqui Centennial; 10:05, Benjamin Franklin dance orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore dinner orchestra; 8, First National presentation, "Forever After"; WRC; 8:30, Democratic talk; 8:45, Judge, Jr.; 9, World Wide Electrical night; WGY; WRC; 9:30, Typewriter orchestra; WRC; WGY; WBZ; 11, Jack Denny's Frivolity club orchestra.

WLV, Cincinnati, Ohio (422.3m-710kc), 7:40 p. m., Visconti's orchestra; 10, Castle Farmers; 10:15, Lorton Melody boys; 10:30, "Pop" Golden, saxophonist; Al Kirschner, pianist; 10:45, Irene Downing and Tommy Reynolds; 11:15, Castle Farmers; 11:30, Missouri Kinney and Florence Kinney; 12:15 a. m., Night Howls, Crosby Pups.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:25, Newark Evening News; 7:30, Orsini's Queensland orchestra; 8, Yvonne de Leath, "The Original Radio Girl"; 9, French Line program; 10:15, Chateau Baltusrol orchestra.

WRVA, Richmond, Va. (256.3m-1170kc), 8-11 p. m., music and fun, frolic, Kivans club.

WSAI, Cincinnati, Ohio (325.9m-820kc), 7 p. m., Olympian coffee club half hour; 7, WFEAF; 11, Electric night.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden hotel orchestra; 7:30, studio program; 9, WFEAF; 10, studio program; 11, Guy Lombardo's Royal Canadians.

WTIC, Hartford, Conn. (475.9m-630kc), 6 p. m., dinner music; 7, mid-week religious sing; 7:30, staff artists; 8, Eleanor Willard, soprano; Laura Wheeler Ross, violinist; Robert Gordon, baritone; 8:30, Capitol theater orchestra; 9, Connecticut River banking hour; 10:05, Landay Revelers.

Thursday, October 21

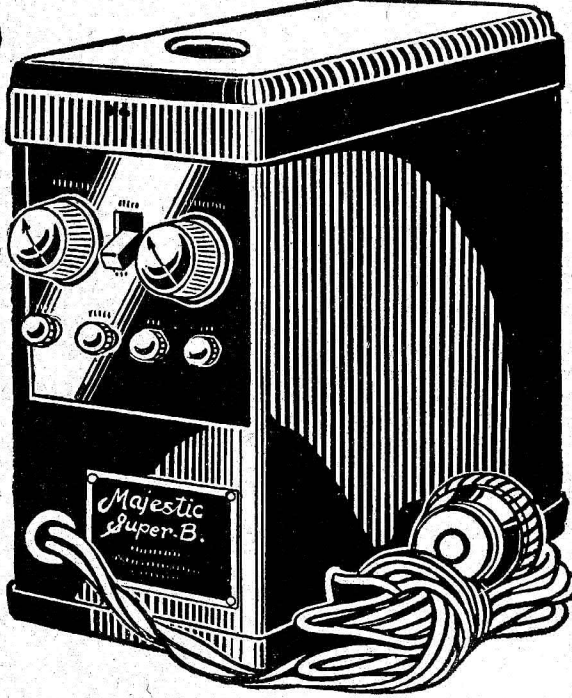
Headlines Today

Eastern 7 p. m.	Central 5 30	Pacific 4
WTR (475.9m-630kc), Religious sing.	8:30 7:30 6:30	5:30
WLAS (399.8m-750kc), Old-time fiddler, Frank Hodges.	10 9 8	7
WEAF (491.5m-610kc), WSAI (325.9m-820kc), WGH (313m-940kc), WJW (352.7m-850kc), WGN (302.8m-890kc), WCCO (416.4m-720kc), KSD (545.1m-550kc), WTAM (389.4m-770kc), WJZ (468.5m-690kc), WFL (394.5m-760kc), WCAE (461.3m-650kc), WOO (433.6m-620kc), WTAG (545m-550kc).	10:30 9:30 8:30	7:30
WRAP (475.9m-630kc), Saxophone light.	11 10 9	8
RGO (361.2m-830kc), "The Story of Light."	12 11 10	9
WSAI (325.9m-820kc), Electric Night.	12:15 11:15 10:15	9:15
WLV (422.3m-710kc), Night Howls, Crosby Pups.		

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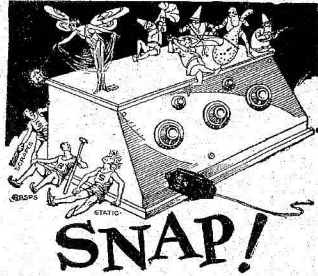
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Central Time Stations

CKY, Winnetka, Ill. (535.4m-780kc), 6:30-9 p. m., studio; 9-10, J. A. Banfield company's concert. KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., Congress hotel concert; 7, Family hour; 8, reading; 8:20-9, musical program; 9-10:30, classical concert; 10:30-12, Congress Carnival, Eddie and Fernie Cavanaugh. WBAP, Ft. Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., Panther Hawaiian trio; 9:30-11, saxophone quartet; 11-12, Southern Melody boys. WBBM, Chicago, Ill. (225.4m-1330kc), 8:30-9 p. m., bright spots from the comic operas; 9:30-10:30, melodies; 10:30-11, Frank Walton period; 10:30-11:30, Vanity Fair orchestra; 11:30-12, Vanity Fair orchestra; 12-1, Hope Harvey's orchestra. WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 8-10 p. m., WEAF. WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., weekly hook talk, Louis Mecker; 11:45-1, Don Bestor's Recording orchestra; Ken Widener, organist. WFAA, Dallas, Texas (475.9m-830kc), 6:30-7:30 p. m., Baker Hotel orchestra; 8:30-9:30, General Electric Company's concert. WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., request program, concert ensemble, string quintet; 8, WEAF; 9, WEAF; 10, Sam 'n' Henry; 10:10, Music Box; 10:30, Mark Love, bass; Drake hotel orchestra; 10:40-11, songs, Correll and Gosden. WHOS, Louisville, Ky. (399.3m-750kc), 8-9 p. m., old time fiddle, Frank Jones; 8:30, studio concert. WIAO, Des Moines, Iowa (526m-570kc), 7:30-8 p. m., orchestra; 8:30, Bankers Life trio; Stewart Watson, baritone; 11-12, dance music. WJJD, Mooseheart, Ill. (370.2m-610kc), 5:45-7 p. m., dinner concert; Howard Peterson, organist; symphony players; Victorians; 8:9, child artists; 10-11, Victorians; WJJD quartet; 12:30 a. m., Knights of the Burning Candle. WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Drake concert ensemble; Blackstone string quintet; 7:15, million stars; 7:30-7:35, old fashioned Almanack; 7:30, Correll and Gosden; 7:45-8, Drake concert ensemble; 11-12, Ambronse Larsen, organist; Correll and Gosden; waltz time; 12-1, Coast Sanders night club. WLS, Chicago, Ill. (344.6m-870kc), 6-10 p. m., Maurice Alexander's orchestra; 7, May and June; 7:15-7:55, WLS trio production. WOAW, Omaha, Neb. (526m-570kc), 6 p. m., Erik's organ; 6:30, Lillian Madsen, popular entertainer; 9, Deluxe program. WOC, Davenport, Iowa (483.6m-620kc), 7 p. m., WEAF; 7:30, Moline Plovers; 8, WEAF; 9, WEAF. WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Operatic hour; Rainbo Gardens orchestra; Jean Carlson, soprano; Keyeth Dunn, accompanist; Sheppard Levine, tenor; 10-2 a. m., Rainbo Gardens orchestra; Harry Geise; Jack Klein; Gail Handell; Evelyn Four Ladies; quartet; Lucky Wilbur, southerner; Harmony duo; Goldie, artists. WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., General Electric company program; 10:45, Charles A. Sheldon, Jr., organist.

Mountain Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 8, studio program, Little symphony orchestra; baritone, tenor, flute and euphonium solos; quartet, string trio.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., program students University of So. Calif.; 8-9, KFI drama hour; 9-10, popular program; 10-11, Azure Music club, popular music. KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Stanislas Ben's Little symphony orchestra; 8, Electric Night by radio; KGO Little symphony orchestra; 10-12, Phil Lamkin's musical bears. KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 7:45-8, lecture; 8-10, vaudeville program.

Friday, October 22

Headlines Today

Eastern 9 p.m., WBAL (246m-1220kc), Rigolotto. Central 7, WIB (365.6m-820kc), Castle Junior orchestra. Mountain 6, WBBM (225.4m-1330kc), Do Re Mi quartet. Pacific 5, KMOX (280.2m-1070kc), Do Re Mi quartet. 10:30, WCCO (416.4m-720kc), Odin male chorus. 10, KOA (322.4m-930kc), A Half Hour of Dreaming.

For stations silent tonight refer to first Friday's list.

Eastern Time Stations

KDKA, Pittsburgh, Pa. (400.1m-670kc), 6:15 p. m., Flotilla club; 8, Adelaide Thomas Eskin, soprano; Pierre De Becker, violinist; William Ventzell, composer; 8:30, Pittsburgh Musical institute; 9, Teaberry time. WBAL, Baltimore, Md. (246.8m-1220kc), 6:30 p. m., dinner concert; 7:30, mixed quartet; 9:45-10, The Sisters; 9:30-10, string quartet; 10-11, 'Rigoletto', WEAF opera company; 11-12, dance orchestra. WEAF, New York, N. Y. (481.5m-610kc), 4-12 midnight, Seville string ensemble; Great Notch Inn orchestra; review of the drama, Cranston Brenton; Happiness Boys; Les France orchestra; Whittall Anglo-Persians; Rolef's Palais D'Or orchestra. WEEI, Boston, Mass. (348.6m-860kc), 6:40 p. m., Boston Globe broadcast; 7:30, Whittall's Four Merry Milkmen; 8, musicals; 8:30, Neapolitan Girls' quintet; 9, musicals; 9:30, WEAF; 10, WEAF. WCV, Schenectady, N. Y. (379.5m-790kc), 7 p. m., dinner program; 7:35, Gertrude S. Maps, contralto; E. Remington Typewriter band; 8:45, speech, Governor Smith; 10:30, staff. WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., George Olsen's Hotel Pennsylvania dinner orchestra; 8, Sundial Shoe serenaders, Bonnie Laddies; 9,

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Breyer Ice Cream hour; 10, Republican theatrical rally; 11, Paul Specht's Twin Oaks orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Bill Naylor in sports; 6:30, Hotel Breston Hall string quartet; 7:25, Newark Evening News; 8:30, Wurzlizer Organ recital; 10:30, Jascha Guerwisch's dance orchestra.

WRC, Washington, D. C. (468.3m-640kc), 7 p. m., Meyer Goldman's Hotel Hamilton orchestra; 8, life-size string quartet; 9, Breyer Ice Cream hour; 10:30, Leon Lichtenfeld, cellist; Herbert Johnson, pianist; 10:40-11, songs, Correll and Gosden.

WRVA, Richmond, Va. (256.3m-1170kc), 6:30 p. m., dinner music; 7:45, mixed chorus, violin soloists; pianist; 9:45, quartet; 10:30, Hotel Richmond Winter Garden orchestra.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:30 p. m., Jack Horwitz Collegian serenaders; 8, studio program; 9, Harmony hall hour; 9:30-10:30, WEAF; 10:30, studio program; 11, Emerson Gill and his Bamboo Garden orchestra.

WJW, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Michigan night; 9, WEAF; 9:30, dance program; 10, WEAF; 10:30, dance program.

Central Time Stations

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinet Jules, organist; Alice Maslin, pianist; 7, orchestra; Alice Virginia, Betty Jane Holman, child artists; 8, Charlotte Furton Stockton, violinist; 9, Do Re Mi quartet; 9:30, orchestra; 10, music lovers hour.

KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., dinner concert; 7, Family hour; 8-9, musical program; 9-10:30, classical concert; 10:30-12, Congress Carnival.

WBAP, Ft. Worth, Tex. (475.9m-830kc), 7:30-8:30 p. m., concert; Texas Christian University's School of Music; 9-10:11, musical program; 11, Bob Sweeney, baritone.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., dinner concert; 8, orchestral program, Nash-Finch orchestra; 9, WEAF; 9:30, Odin male chorus; 10:05, Long's Nankin gate orchestra; Merry Lou trio; Mary Louise Woollett, violinist; Dick Furber, saxophonist; Evelyn Sweigert, pianist.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., school of the air; 8-8:30, musicals; 8:30-9, Li Franck orchestra; 9-9:30, WEAF; 11:45-1, Night-hawk frolic.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., request program, Drake concert ensemble, Blackstone string quintet; 7, Million sing; 7:05, old fashioned Almanack; 7:15-7:59, Paul Ash; 8:20, Concert ensemble; 8:20-9, program, Bohemian artists; 9, WEAF; 9:30, Phantom violin; 10, Sam 'n' Henry; 10:10-10:20, Music Box; 10:20, Bible readings; 10:30, Leon Lichtenfeld, cellist; Herbert Johnson, pianist; 10:40-11, songs, Correll and Gosden.

WHD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., Wisconsin theater organ recital, Arthur Richter; 8:30, Marquette University classical studio program.

WJJD, Mooseheart, Ill. (370.2m-610kc), 5:45-7 p. m., dinner concert; Howard Peterson, organist; Palmer House symphony players; Victorians; 8:9, child artists; 10-11, Victorians, artists; 12:30 a. m., Settlin' Up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 11-12 midnight, Correll and Gosden; Ambrose Larsen; Tommy Coates, baritone; 12-1 a. m., night club.



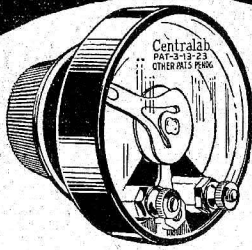
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WLS, Chicago, Ill. (344.6m-870kc), 6 p. m., supper-hill program; 6:40, Maurice Sherman's orchestra; 7, May and June; 7:15, duo, Old Town Coffee room; 7:30, Ralph Emerson, organist; 8:10, Maurice Sherman's orchestra; 9, WLS trio production; 9:30, May and June; 10, orchestra; 10:30-11:30, popular program.

WOC, Davenport, Iowa (483.6m-620kc), 7:30 p. m., Moorman Melody mixers; 8:30-9, La France music-cable program; 9, WEAF; 9:30, Lois Lawson, A. Lowe, pianist; Mrs. Frank Elsh, soprano; Martha Bond-Beck, mezzo-soprano.

WSM, Nashville, Tenn. (284.5m-1060kc), 6:45 p. m., Andrew Jackson hotel orchestra; 8, studio orchestra; 10, studio program; 10:30, F. Arthur Henkel, organist.

Mountain Time Stations

KOA, Denver, Colo. (322.4m-830kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 7:30, Sunday school lesson; 8, instrumental program; KOA orchestra; 8:25, studio program; Lucille Mathis, contralto; Carl Owens, violinist; Raina Freese, tenor; Hulda Edwards, soprano; Fankell quartet, vocal duet, solos.

KOB, College Station, N. M. (343.6m-860kc), 7:30-8:30 p. m., home coming program.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-842kc), 7-8 p. m., Jack Smith's dance orchestra; 8:30, Acropolis organ recital; 9-10, popular song; 10-11, Packard ballad hour.

KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Stanislas Ben's Little symphony orchestra.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8:45-10:30, McBrody's orchestra; 10:30, 12, Hoot Owls.

Saturday, October 23

Headlines Today

Eastern	Central	Mountain	Pacific
1:30 p.m.	12:30	11:30 a.m.	10:30
KFAB (333m-900kc), Kansas-Nebraska football game			
KSAC (340.7m-890kc), Arkansas-Kansas State game			
WIZ (333m-900kc), Harvard-Dartmouth game			
WCCO (416.4m-720kc), Wabash-Minnesota game			
WEAO (293.9m-1020kc), U. of Iowa-Ohio game			
WGN (602.5m-590kc), WWJ (522.7m-630kc), Illinois-Michigan game			
WICY (379.5m-790kc), Yale-Brown game			
WMAQ (447.5m-670kc), KYW (535.4m-590kc), Chicago-Purdue game			
WOL (270.1m-110kc), Missouri-Iowa State game			
WIZ (454.3m-660kc), WRC (468.5m-640kc), WGY (379.5m-790kc), WGB (333.1m-900kc), Boston symphony			
WVIC (475.9m-630kc), Nevin male quartet			
8:30	7:30	6:30	5:30
WLV (422.3m-710kc), Negro Spirituals			
8	7	6	5
WEAF (491.5m-610kc), WEEI (348.6m-860kc), WVAL (328.9m-920kc), WGR (319m-940kc), WVA (332.7m-850kc), WGN (302.9m-900kc), WCCO (416.4m-720kc), KSD (545.1m-550kc), WFTAM (389.4m-770kc), WRC (468.5m-640kc), WFI (394.5m-760kc), WCAE (461.3m-630kc), WOC (483.6m-620kc), WTAG (545m-550kc), Fransted hour, New York symphony orchestra, Walter Damrosch.			

For stations silent tonight refer to first Saturday's list.

Eastern Time Stations

KDKA, Pittsburgh, Pa. (569.1m-900kc), 6:15 p. m., Westinghouse band; 8, band; Helen Bates Farris, soprano.

PWX, Havana, Cuba (399.8m-750kc), 8:30-11 p. m., typical Cuban concert.

WZZ, Springfield, Mass. (333.1m-900kc), 6:15 p. m., Arthur Clifton, organist; 7:05, Capitol theater orchestra; 7:30, musical; 8:10, Boston Symphony orchestra; 10:15, Hotel Brunswick orchestra.

WEAF, New York, N. Y. (491.5m-610kc), 5-13 mid-night, Hotel Waldorf-Astoria; Faustel hour with Walter Damrosch; musical comedy hits, WEAF light opera company.

WFI, Philadelphia, Pa. (394.5m-760kc), 3 p. m., football from WEAF; 6-8, Adelphi French Room dance orchestra; 8, recital; 10, Adelphi dance orchestra.

WCY, Schenectady, N. Y. (379.5m-790kc), 8:05 p. m., WBZ, WJZ; 10:30, Hotel Van Curler dance orchestra.

WIP, Philadelphia, Pa. (569.2m-590kc), 3 p. m., football game, U. of Penna. vs. Williams College; 6:05, Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, sports corner, Dr. Francis D'Eliscu; 8:15, artist recital; 11:05, organ recital, Germantown theater.

WJR, Detroit, Mich. (516.8m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 9, studio program; 11:30, Merry Old Chief and his jesters.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore dinner orchestra; 8:10, Boston Symphony orchestra; 10:30, Jack Denny's Frivolity club orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., organ concert, Johanna Grosse; 8, Secretary Hawkins Radio club; 8:30, concert; Negro spirituals; 9, dance music, Castle Farm.

WMA, New York, N. Y. (340.7m-890kc), 6 p. m., Oliver Vest and his Hotel McAlpin string ensemble; 11, Ernie Golden and his Hotel McAlpin orchestra; 12, McAlpin entertainers.

WRC, Washington, D. C. (468.3m-640kc), 8:10 p. m., WJZ; 11:30-12, Orto F. Beck, organist.

WZZ, Cincinnati, Ohio (322.9m-920kc), 7:45 p. m., news; 8, Bicycle playing card sextet; 9, WEAF.

Central Time Stations

KYW, Chicago, Ill. (335.4m-560kc), 6:30 p. m., dinner concert, orchestra; 7, Family hour; 8, musical program; 9:10-10, classical concert; 10:30-12 m., Congress Carnival; Henry Gendron and his orchestra.

WBAP, Ft. Worth, Texas (475.9m-630kc), 8-8:30 p. m., Pauline McCurry, pianist; 9:30-11, Hired Hands Little symphony.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., dinner concert; Westley Barlow's Nicollet hotel orchestra; tenor, Coral Ulfsten, pianist; 8, WEAF; 9, "Monsieur Beaucaire," pre-

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sentation; Roy Schmidt, clarinet; Ernest Liegl, flutist; 10:05, Wallie Erickson's orchestra; Evelyn Schulz and Jean Estinger, piano duettists.
WGN, Chicago, Ill. (302.8m-990kc), 6:35-7 p. m., Drake concert ensemble, Blackstone string quintet; 8:5, WEAF; 9, Light opera period; 10, Sun. n. Henry; 10:10, Music Box; 10:20, Mark Love, basso; 10:40-1, songs, Correll and Gosden.
WLJB, Chicago, Ill. (302.8m-990kc), 7:15-7:30 p. m., dinner concert; 7:15-7:30, million sing; 7:20-7:30, old fashioned Almanack; 7:30-7:50, Drake concert ensemble, Tommy Coates, baritone; 11-12, Correll and Gosden; Bobb Meekers' Drake hotel dance orchestra; 12-1, Coon Sanders night club.
WBB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Atwater Kent hour; 10:45, Ernest Rogers' Band club.
WSM, Nashville, Tenn. (282.8m-1080kc), 6:45 p. m., Andrew Jackson hotel orchestra; 8, barn dance program.

Mountain Time Stations
KOA, Denver, Colo. (322.4m-930kc), 10:30 p. m., dance program, Scheuerman's Colorado orchestra.
Pacific Time Stations
KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., program, Paul Roberts; 8-9, Los Angeles Soap company; 9-10, Angelus string quartet; 10-11, Packard Radio club; 11-2 a. m., KFI midnight frolic.
KGO, Oakland, Calif. (361.2m-1080kc), 4-5 p. m., Stanislas Bem's Little symphony orchestra; 9-1, Hotel Whitcomb band.

Sunday, October 24

Headliners Today			
Eastern	Central	Mountain	Pacific
7:30 p.m.	6:30	5:30	4:30
KOA (322.4m-930kc), Organ recital.	7:15	6:15	5:15
WEAF (491.5m-610kc),	WEEL (348.5m-860kc),	WMAI (325.9m-920kc),	WGR (319m-940kc),
WSAI (325.9m-920kc),	WGW (319m-940kc),	WWJ (352.7m-850kc),	WGN (302.8m-990kc),

Eastern	Central	Mountain	Pacific
8:15 p.m.	7:15	6:15	5:15
WCCO (416.4m-720kc),	KSTP (545.1m-830kc),	WTAM (389.4m-770kc),	WRC (468.5m-640kc),
WFI (394.5m-760kc),	WCAR (461.3m-650kc),	WOC (483.6m-620kc),	WTAG (545m-560kc),
Atwater Kent hour.			
7:30	7:15	6:30	5:30
WLW (422.3m-710kc),	Wagnerian program.		
10	8	7	
KTIS (374.8m-800kc),	Classic hour.		
12	11	10	9
KGO (361.2m-830kc),	Little symphony concert.		
WHO (520m-570kc),	Midiute frolic.		

For stations silent tonight refer to first Sunday's list.

Eastern Time Stations
WEAF, New York, N. Y. (491.5m-610kc), 2-3 p. m., interdenominational church services; 3-4, Young People's Conference; 4-5:30, Men's Conference; 5:30-6, musical program; 6-7:20, orchestral concert; 7:20-9:15, Capitol theatre program, Major Bowes and his family; 9:15-9:15, Atwater Kent hour.
WEMC, Berrien Springs, Mich. (315.6m-960kc), 11 a. m., services; choir; 3:15 p. m., Lighthouse choir; Raleigh Birchfield, bass; Mrs. John Petzer, cellist.
WFI, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., services; Arch Street Methodist Episcopal church.
WGY, Schenectady, N. Y. (379.5m-790kc), 10 a. m., Park Avenue Baptist church; 3 p. m., musicale; 4:30, Elmer A. Adams, organist; 7:30, Emmanuel Baptist church; 9, WJZ; 10:15, WJZ.
WHN, New York, N. Y. (561.2m-800kc), 6:30, 10 a. m., services; Holy Trinity church; 9:30, WIP Little Symphony orchestra.
WJZ, New York, N. Y. (454.3m-600kc), 7 p. m., Park Avenue Baptist church cantata; 7:30, Hotel Ambassador trio; 8:30, Hotel Commodore concert orchestra; 10:15, Maxwell House Coffee orchestra, WRC, WGY, WBZ.
WLW, Cincinnati, Ohio (422.3m-710kc), 7:30 p. m., First Presbyterian church; 8:30, Wagnerian program, Salon orchestra.
WMCA, New York, N. Y. (340.7m-800kc), 6 p. m.,

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Roemer's Homers; 7, Ernie Golden and his Hotel McAlpin orchestra.
WCA, Washington, D. C. (468.5m-640kc), 11 a. m., services; 4 p. m., chapel; 7:30, WEAF; 9:15, WEAF; 10:15, WJZ.
WSAI, Cincinnati, Ohio (325.9m-920kc), 11 a. m., Presbyterian church of the Covenant; 4 p. m., Y. M. C. A.; 7:45, chimes; 8, Radio sermonette; 9:15, WEAF.

WTAM, Cleveland, Ohio (369.4m-770kc), 11 a. m., church services; 3 p. m., musicale; 6, Hollenden hotel orchestra; 7, Schuman theater orchestra; 8, church services; 9:15, WEAF; 10:15, Austin Wylie's Vocalion Recording orchestra.
WWJ, Detroit, Mich. (352.7m-850kc), 10 a. m., First Presbyterian church; 3 p. m., News orchestra; 7:30, WEAF; 9:15, WEAF.

Central Time Stations

KFAB, Lincoln, Neb. (340.7m-800kc), 9:10-30 p. m., Sunday evening musicale.
KLDS, Independence, Mo. (440.5m-680kc), 11 a. m.,

services; 3 p. m., KLDS church; 6:30, services, ladies quartet; 9:15, services.
KTIS, Hot Springs, National Park, Ark. (374.8m-800kc), 11 a. m., Central Methodist church; 9-10, classic hour concert; 10-11, Lawson Reil, organist.
KYW, Chicago, Ill. (325.9m-920kc), 11 a. m., Central church; 4:30 p. m., studio concert; 9:30-11, classical concert; 7-8:30, Sunday Evening club service.

WEAA, Dallas, Texas (475.9m-630kc), 6:27 p. m., Radio Bible class; 7:30-8:30, First Presbyterian church; 8:30-9:30, Grace Methodist church; 11-12, Cine's Collegians.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., Blackstone string quintet, solo artists; 7-7:20, Million Sing; 7:20-7:30, Old Fashioned Almanack; 7:30, concert ensemble, Correll and Gosden; 8, Auld Sandy; 8:15, WEAF; 9:15, "Our Music Room"; 10, Sam 'n' Henry; 10:10, Armand Buisseret, violinist; 10:20, Bible reading; 10:30, Coon Sanders orchestra.

WHO, Des Moines, Iowa (526m-570kc), 11 a. m., St. Paul's Episcopal church; 5-6 p. m., Bankers Life Little symphony; 7:30-9, Hotel Fort Des Moines orchestra; 11-12, frolic.
WLJB, Chicago, Ill. (302.8m-990kc), 5-6:15 p. m., Herbert Johnson, pianist; Leon Lichtenfeld, cellist; Tommy Coates, baritone; Blackstone string quintet.

WOAW, Omaha, Neb. (526m-570kc), 9 a. m., services; Omaha Gospel Association; 1:30 p. m., Father Flanagan's boys' home period; 2:30, old time songs; 8, chapel service.
WOC, Davenport, Iowa (483.6m-620kc), 6:30 p. m., address; 8:15, WEAF; 10-11, Palmer Little symphony.

WORD, Batavia, Ill. (275m-1080kc), 10 a. m., I. B. S. A. services, solo, duets; 2:30 p. m., program; 7, Webster hotel duo orchestra; 9, B. S. A. church singers, solos, duets.
WQJ, Chicago, Ill. (447.5m-800kc), 10:30-12:30 p. m., Peoples' church; 3-4, musicale; James Luchanski, tenor; Gertrude Hardyman, contralto; 8-10, cornet

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Mountain Time Stations

KOA, Denver, Colo. (322.4m-800kc), 11 a. m., First Congregational church; music, 1:30 p. m.; organ recital, Royce Mintener, organist; 7:45, First Congregational church.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., dance orchestra; Solomon; 8:29, Arabian organ recital; 9-10, Bob Bottger and his Venetians; 10-11, Eckhard six dance orchestra.
 KGW, Portland, Ore. (491.5m-610kc), 10:25 a. m., First Presbyterian church; 7:30-9 p. m., Hinson Memorial Baptist church; 9-10, Chevrolet Little Symphony orchestra.
 KHJ, Los Angeles, Calif. (465.2m-746kc), 7-8 p. m., First M. E. church; 8-10, Orpheus Four male quartet; Frederick MacMurray, viola soloist.

Monday, October 25

Headliners Today

Eastern 8 p.m.	Central 8 p.m.	Mountain 8 p.m.	Pacific 8 p.m.
WEAF (491.5m-610kc)	WEEL (348.6m-860kc)	WEEI (325.9m-820kc)	WGR (319m-940kc)
WWSI (352.7m-830kc)	WGN (322.5m-800kc)	WCCO (415.4m-720kc)	XSD (545.1m-550kc)
WTAM (389.4m-770kc)	WRC (465.5m-640kc)	WFI (394.5m-760kc)	WOC (483.6m-620kc)
WOC (483.6m-620kc)	WTAG (545m-550kc)	A and P Gypsies	WTAG (545m-550kc)
WHAZ (429.5m-790kc)	Students' night, 10	KTBS (374.8m-800kc)	Spanish melodies, 7:25
KTBS (374.8m-800kc)	Spanish melodies, 7:25	KOA (322.4m-800kc)	Minstrel show, 7:30
WHAF (475.9m-630kc)	Old-time fiddlers, 8:30	KTBS (374.8m-800kc)	Spanish melodies, 7:25
KTBS (374.8m-800kc)	Spanish melodies, 7:25	KTBS (374.8m-800kc)	Spanish melodies, 7:25
KTBS (374.8m-800kc)	Spanish melodies, 7:25	KTBS (374.8m-800kc)	Spanish melodies, 7:25

For stations silent tonight refer to first Monday's list.

Eastern Time Stations

CKNC, Toronto, Can. (356.5m-840kc), 9 p. m., Toronto Conservatory of Music instrumental trio; Frank Blachford, violinist; Leo Smith, cellist; Alberto Guerrero, pianist; Emily Taylor, contralto; Edgar Smith, bass.
 WEAF, New York, N. Y. (491.5m-610kc), 4-12 mid-night, Viola Silva, contralto; Louisa Garland, reader; dinner music; Seamus O'Doherty, Irish tenor; Columbia University lecture; A and P Gypsies; "La Sonnambula," WEAF grand opera company.
 WEEL, Boston, Mass. (348.6m-860kc), 6:40 p. m., Boston Globe broadcast; 6:45, Big Brother club; 7:30, musicals; 7:50, book talk; 8:15, musicals; 9: WEAF, 10, Republican State committee talk; 10:10, E. B. Rident.
 WHAZ, Troy, N. Y. (375.5m-790kc), 8 p. m., Students' night, R. P. L. symphony orchestra; 9, five club; 10, Campus serenaders.
 WHN, New York, N. Y. (483.2m-800kc), 6:30 p. m., WHN Radio Movie club; 7:30, Joe Ward's Swanee entertainers; 8:30, Roseland dance orchestra; 10:30, Club Kentucky orchestra; 11, Cham club orchestra; 11:30, Cotton club orchestra; 12, Silver Slipper orchestra.
 WJR, Detroit, Mich. (516.9m-880kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; soloists; 7:15, Casper Lindeman entertainers; 7:45, Good Will Oakland, Chiff Ponting; 9, studio program.
 WJZ, New York, N. Y. (484.5m-800kc), 7 p. m., Hotel Commodore dinner orchestra; 7:40, Democratic talk; 7:55, John B. Kennedy; 8, Markel's dance

orchestra; 8:30, The Del-Mar-Vans; 9:30, Thayer's West Point Cavalier; 10:30, Waldorf-Astoria dance orchestra.

WLV, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Robert Viscount's orchestra; 7:30, theatrical review; 8, Commercial Tribune feature; 9, WGI program.

WOR, Newark, N. J. (465.2m-746kc), 6:15 p. m., Jacques Jacobs Hotel Shelton ensemble; 6:45, Bill Washley in concert; 7, Jacques Hotel Shelton ensemble; 7:25, Newark Evening News; 7:30, Brooklyn Daily Eagle program; 8, Klein's Sarcas-tic Shoemakers; 10:29, Jascha Gurevich's dance orchestra.
 WRC, Washington, D. C. (468.3m-640kc), 6 p. m., Washington Post hour; 8, vesper hour; 9, WEAF; 10, Meyer Davis' Swanee synopators; 11-12, Loew's Palace theater.
 WRVA, Richmond, Va. (256.3m-1170kc), 8 p. m., Eugene Turner, tenor; 9:10, J. Harold Lawrence, blind piano virtuoso and artist; 10:30, orchestra.
 WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Guy Lombardo's Royal Canadians; 7, Allen theater orchestra; 8, Willard concert orchestra; 9, WEAF; 10, Willard concert orchestra; 11, Emerson Gill and his Bamboo Garden orchestra.

Central Time Stations

KFAB, Lincoln, Neb. (280.2m-1070kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Zenith quartet; orchestra; Harmony Boys.
 KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinet Jules, organist; Alice Maslin, pianist; 7, Longo Sisters; 8, Busters saxophone quartet; 8, Colonel G. J. Edgar, Smith, pianist; 9, Singing Valentines; 9:30, orchestra; 10, music lovers hour; Anna Beckman, soprano.
 KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Houstonians dance orchestra; 8:30, Dr. Earle J. Shay, tenor; 9, concert; 10:20-10:50, Lon Chancy, violinist; John G. Heyn, pianist.
 WBAP, Ft. Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Song Shop, novelty program, request numbers; Alvene Patterson, D.H. contralto; 9:30-11, Old time fiddlers; 11-12, musical program.
 WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Shely, Lee Alley and his orchestra; 8:30-9:30, Sears-Roebuck Agricultural Foundation program.
 WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:30 p. m., Arthur Richter, organist; 8:30, popular studio program, Sally and her gang.
 WHO, Des Moines, Iowa (526.5m-700kc), 7:30-8 p. m., Arthur Richter, organist; 8:30, popular studio program; 8:30, Benkers Lie trio; Morris Williams, soloist; 11-12, frolic.
 WOAW, Omaha, Neb. (526.5m-700kc), 6 p. m., Huo Heyn, marmalade soloist; Emil Hofmann, pianist; 6:50, Joe Bauer and his Highway Gardens orchestra; 8:30, program.
 WSM, Nashville, Tenn. (282.5m-1060kc), 6:45 p. m., Andrew Jackson hotel orchestra; 8, studio program; 10, studio program.
 WSUI, Iowa City, Ia. (483.6m-820kc), 11:15 p. m., theater organ program, Elaine Bair.
Mountain Time Stations
 KOA, Denver, Colo. (322.4m-800kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 8, instrumental program, Schaefer's Colorado orchestra; 8:25, studio program, Minstrel show; orchestra.
Pacific Time Stations
 KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Owen Fallon's Californians; 8-9, semi-classical hour; 9-10, program, Walter G. Murphy Motors company, KPO; 10-11, Meiklejohn Brothers.
 KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., Sealy company; 9-10, program, Corduroy Fire Stores; 10-11, Warner Brothers frolic.
 KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 7-7:30, KGW movie club; 7:45-8, N. J. Fuller; 8-9, vaudeville entertainment; 9-10, concert; 10-12, Cde McElroy's orchestra.

Tuesday, October 26

Headliners Today

Eastern 8 p.m.	Central 8 p.m.	Mountain 8 p.m.	Pacific 8 p.m.
KLDS (440.9m-680kc)	Navy Day program.	WBW (365.6m-820kc)	Ararat Temple Shrine Sere-naders.
KMOX (280.2m-1070kc)	Fantasia "Freshmen."	WBAP (475.9m-630kc)	Excel ensemble.

For stations silent tonight refer to first Tuesday's list.

Eastern Time Stations

WCX, Detroit, Mich. (516.9m-880kc), 6-7 p. m., dinner program, Goldkette ensemble; 10, Red Apple club.
 WEAF, New York, N. Y. (491.5m-610kc), 4-12 mid-night, Woman's League of the United States; Farnassus trio; dinner music; Dorothy Dellano Rumaze, soprano; Columbia University French lecture; Greenwich Village Inn orchestra; Vikings; Jolly

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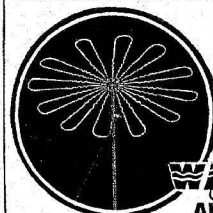


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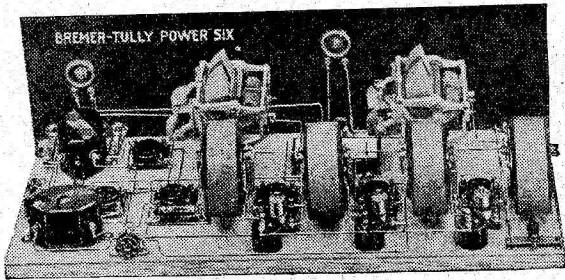
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WGBS, New York, N. Y. (318.5m-850kc), special program celebrating the anniversary of establishment of WGBS; 8:30, Broadcasting "The Miracle" from Philadelphia; 10:30, Arrowhead Inn dance orchestra.

WHN, New York, N. Y. (361.2m-830kc), 6:30 p. m., Friedman-Masterson entertainment; 7, Ireland dance orchestra; 8:30, Will Oakland's orchestra; 8:30, Treasureland home owners ensemble; 8:30, Sach's Quality Boys; 9:30, Lewis's 83rd Street orchestra; 10, Prince Piotti, entertainer; 10:30, Strand Rock orchestra; 11:30, "The Playground."

WIP, Philadelphia, Pa. (568.2m-590kc), 7 p. m., Uncle Wip's bedtime stories; 8, dramatic review, Elliott Lester; 8:45, recital; 9:30, recital; 10:05, Lino's weekly movie broadcast; 10:30, Bettina Franklin hotel concert orchestra.

WJK, Detroit, Mich. (516.9m-590kc), 7 p. m., Goldkette's symphony orchestra, soloists; 8, board of Commerce, Mt. Clemens, Mich.; 8:30, Manuel Cigar sales; 9, studio program.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Frank Dale; 7:30, Hotel Commodore dinner orchestra; 8, Champion Spork Ping hour, WRC, WGY; 9, Pennsylvania Railroad hour; 10, Cook's Southern Hemisphere tour, WRC, WGY; 10:45, George Olsen's Hotel orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 7:30 p. m., Lucile Barn; 8, Tenth Infantry band.

WRC, Washington, D. C. (468.3m-640kc), 7 p. m., Raleigh hotel orchestra; 8, WJZ; 9, WEAF; 10, WIZ; 10:30-11:30, Meyer Davis 1st Paradise band.

WSAI, Cincinnati, Ohio (325.2m-820kc), 8 p. m., WEAF; 8:30-9, WEAF; 10, bridge.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hotel Cleveland orchestra; 7, State theater vaudeville; 8, WEAF; 8:30, WEAF; 10:30, dance music; WEAF; 11, Austin Wylie's Vocalia recording orchestra.

Central Time Stations

KFAB, Lincoln, Neb. (340.7m-890kc), 5:30-6:30 p. m., Little Symphony and orchestra, soloists; 7 p. m., KMOX, St. Louis, Mo. (280.2m-1070kc), 7 p. m., Little Red Schoolhouse; 8, orchestra, soloists; 9, Louisiana, "Freshmen"; 10, KMOX Radio orchestra.

KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., dinner concert, Congress hotel; 7, Family hour; 8-9, program, musical selections; 9:30, classical concert; 10:30-12, Congress Carnival.

WBAP, Ft. Worth, Texas (475.9m-630kc), 7:30-8 p. m., Wagoner Hawaiian trio; 8-8:30, Smith Baller's Ft. Worth club orchestra; 9:30-11, Excel ensemble.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Texas Ramblers; 7-7:30, literary review; 8:30-9, bridge game; 9:30, Edwin Lisman, bass; 11-12, Baker hotel orchestra.

WGN, Chicago, Ill. (475.9m-630kc), 6:45-7 p. m., Drake concert ensemble, Blackstone string quintet; 8-9, WEAF; 9, bridge game; 9:30, Grand opera; 10, Sam n' Henry; 10:10, Radio Illinois; 10:30, Erick Newell Wood, tenor; 10:30, musical program; 10:31-11, songs, Correll and Gosden.

WHAD, Milwaukee, Wis. (275.1m-1030kc), 6:10 p. m., orchestral selections, Wisconsin hotel orchestra; vocal selections; 8:30, Wisconsin theater review; 10:30, George Devine's orchestra.

WHO, Des Moines, Iowa (526m-570kc), 7:30-8:30 p. m., 14th Cavalry band; 8:45-9, Wilfred Fletcher, tenor; Manor Piper Ryan, pianist; 11-12, dance program.

WHO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., artist faculty recital; 12-2, Aragon follies; Wayne Myers; Howard Neumiller; Walter Preston.

WJJD, Moseheart, Ill. (370.2m-810kc), 5:45-7 p. m., dinner concert; Howard Peterson, organist; symphony players; Victorians; 8-9, child artists; 10-11,

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Palmer House Victorians; Clarence Harper, Lucky Wilbur; 12:30 a. m., Settin' Up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., dinner concert; 7:45-7:50, million sing; 7:50-7:55, old fashioned almaack; 7:55-8:00, Correll and Gosden; 7:40-8, April Sandy; 11-12, Correll and Gosden; Ambrose Larsen; 12-1, night club.

WQAL, San Antonio, Texas (394.5m-760kc), 8:30-9:30 p. m., Chaharid Mexican players.

WOAW, Omaha, Neb. (525m-870kc), 6 p. m., classical; 6:20, popular song period; 6:50, Pat's Melody boys; 9, popular and old time music; 9:30-10, WOC.

WOC, Davenport, Iowa (483.6m-620kc), 7 p. m., WEAF; 7:30, popular program; 8, WEAF; 9:30, Toker trio; Charlotte Anderson Warren, soprano.

Mountain Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., din-

ner concert, Brown Palace string orchestra; 9, Auction bridge.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-640kc), 7-8 p. m., Howards' Quality serenaders; 8-9, Screen Artists string quartet; Robert Hurd, tenor; 9-10, varied program; 10-11, Packard Radio club.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., program, Eagle stores; 7-7:30, children's program, Atwater-Kent boys; 7:30-7:45, utility service; 8-10, educational program; 10-12, Herman Kenin and his orchestra.

Wednesday, October 27

Headliners Today

Eastern	Central	Mountain	Pacific
8:30 p. m.	7:30	6:30	5:30
WIAS (399.8m-750kc), The Cardinals.	9	8	7
WSM (282.8m-1060kc), Vito and his Radio Seven.	10	9	8
WLW (422.3m-710kc), Navy Day program, Rear Admiral Albert Gleaves.	10:25	9:25	7:25
KOA (322.4m-930kc), Special Navy Day program.			

For stations silent tonight refer to first Wednesday's list.

Eastern Time Stations

PWX, Havana, Cuba (389.5m-750kc), 8-10 p. m., Military band music.

WCC, Detroit, Mich. (318.5m-580kc), 6-7 p. m., Goldkette ensemble; 8-9, studio program.

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The Loud Speaker is a wonder. I never heard anything like it. I put it to a little test a few nights ago and it was heard clear and loud nearly one-half mile from my place through an open window."

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 R. F. D. or Box No. _____
 My Post Office _____ My State _____
 My Shipping Point _____ I have lived in this Town _____ years
 And before that I lived in _____ Town _____ State _____ for _____ years
 Occupation _____ Age _____ Married Nationality _____
 Give names of merchants to whom you personally buy goods _____ or Color _____
 Name _____ Town _____ State _____
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If you have ever bought goods on credit by mail, tell us from whom. If there is anything else you wish to tell us about yourself, write on a piece of paper and enclose it with this coupon. But the coupon alone, fully filled out will do.

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Central Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., Cong. hotel dinner concert; 7, Family hour; 9-10, classical concert; 10-30, 11, musical variety.

Mountain Time Stations

KOA, Denver, Colo. (322.5m-310kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 8, instrumental program, Scheurman's Colorado orchestra; 8:25, Sweet Nothings, baritone, orchestra, address, vocal, piano solos; popular program, vocal trio, instrumental trio; Mazie Wilson and her Terrace Garden Syncopators.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7 p. m., Virginia bathroom orchestra; 7:30 p. m., popular hour; 8-9, program, California Petroleum corp.; 9-10, Patrick-Marsh dance orchestra; 10-11, Chas. Beauchamp, tenor.

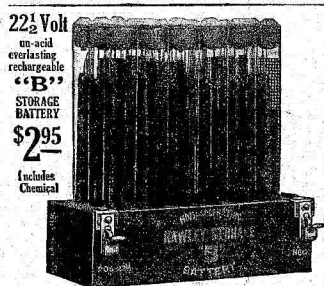
Thursday, October 28

Headliners Today

Eastern 10 p.m. WEAF (491.5m-610kc), WEEB, WFL, WCAE, WWJ, WGR, WOC, WCCO, WTAG, KSD, WSAI, WJAR, WGN, WADC, WCHS, Goodrich Zippers.

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Eastern Time Stations

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Columbia University talk; tea music; mid-week hymn sing; "Good Comfort" quartet; Carl Robbins, baritone; Scherking quartet; Cicquet Club Eskimos; Goodrich Zippers, dance music.

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WJZ, New York, N. Y. (454.3m-580kc), 7 p. m., Hotel Commodore dinner orchestra; 8, First National presentation, "Midnight Lover"; WRC will also broadcast; 8:30, Judge, Jr.; 8:45, Republican talk; 9, Royal Typewriter hour of music; WGY, WRC, WBZ; 10, Fireside Boys; 10:30, Jack Denny's Fri-volity club orchestra.

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WTAM Holle WE A Royo KPRC, Rec. KTIS, 8000 KYW, sreati cal and WBAP m., cnet WBBS melio 11:30 WFAJ and WGN, Fini Wed WGN, 8, A Man Arch WHO, And WHO, tea- WFLIE com mel 7:30 sen and club WOA, are and WOC, WI WSB Chr KOA ner KFI, stu KZ KGV, nei KFI, 2, 2o Et W K For WE H

W.M. Cleveland, Ohio (389.4m-770kc), 6 p. m.,
 Ramblers dance orchestra; 7:30, studio program; 9,
 W.C. 10, studio program; 11, Guy Lombardo's
 Keynote.

Central Time Stations

KPRC, Houston, Tex. (296.9m-1010kc), 8 p. m.,
 Records; Ramblers dance orchestra; 8:45, concert.
 KTHS, Hot Springs National Park, Ark. (374.8m-
 800kc), 9:30 p. m., Lawson Reil, organist; 9:30-
 10:15, New Arlington hotel orchestra.
 KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., Con-
 gress hotel dinner concert; 7, Family hour; 8,
 reading; 8:45, musical program; 9-10:30, classi-
 cal concert; 10:30-12, Congress Carnival; Eddie
 and Fannie Caravanagh.
 WBAP, Ft. Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m.,
 Hawaiian trip; 9:30-11, saxophone
 act; 11-12, Southern Melody boys.
 WBBM, Chicago, Ill. (225.4m-1330kc), 8-9:30 p. m.,
 light spots from the comic operas; 9:30-10:15,
 melodies; 10:15-10:30, Isaac Walton period; 10:30-
 11:30, Vanity Fair orchestra; 11:30-12, Vanity Fair
 orchestra; Gope Harvey's orchestra.
 WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m.,
 Jimmy Joy's Baker hotel orchestra; 8:30-9:30,
 Wednesday Morning choral club.
 WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m.,
 request program, concert ensemble, string quintet;
 8, WEAF; 9, WEAF; 10, Sam n' Henry; 10:10,
 Music Box; 10:20, Mark Love, bass; Drake hotel
 orchestra; 10:40-11, source; 11, old fashioned
 WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m.,
 Amy's Kentuckians.
 WHO, Des Moines, Iowa (526m-570kc), 7:30-8 p. m.,
 ten-roum orchestra; 8-9, Bankers Life trio; Stewart
 Watson, baritone; 11-12, dance program.
 WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Drake
 concert ensemble; Blackstone string quintet; 7:15,
 million sing; 7:20-7:30, old fashioned albumack;
 7:30, Correll and Gosden; 7:45-8, Drake concert en-
 semble; 11-12, Ambrose Larsen, organist; Correll
 and Gosden; waltz time; 12-1, Coot Saunders night
 club.
 WQAW, Omaha, Neb. (526m-570kc), 6 p. m., Elks'
 organ; 6:50, Lillian Madsen, popular entertainer;
 9, Delux program.
 WOC, Davenport, Iowa (483.5m-620kc), 7 p. m., Elks'
 organ; 7:30, Mollie Plowboys; 8-9, WEAF; 9,
 WEAF.
 WSE, Atlanta, Ga. (428.3m-700kc), 8 p. m., Dr.
 Charles A. Sheldon, organist; 10:45, concert.

Mountain Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., din-
 ner concert, Brown Palace string orchestra.

Pacific Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m.,
 students University of Southern California; 8-9,
 KFI drama hour; 9-10, popular program; 10-11,
 Azure Music club.
 KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., din-
 ner concert; 7-8, lecture; 8-10, vaudeville pro-
 gram.
 KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30
 p. m., Uncle John and the children; 8:10 program,
 Zoellner string quartet; Harriet Andrews, soprano.

Friday, October 29

Headliners Today

Eastern	Central	Mountain	Pacific
8:30 p.m.	7:30	6:30	5:30
WEFL (491.5m-610kc), Melting hot hour.	10:10	9:10	7:10
KTHS (374.8m-800kc), Opera gems.			

For stations silent tonight refer to first Friday's list.

Eastern Time Stations

WEAF, New York, N. Y. (491.5m-610kc), 4-12 p. m.,
 music; Hotel Saville string ensemble; dinner music;
 Happiness Candy boys; Rudie trio; 9:30, LaFrance

orchestra; 10, Whittall Anglo Persians; dance mu-
 sic.

WEMC, Berrien Springs, Mich. (315.6m-950kc), 9
 p. m., old time hymns.

WJZ, New York, N. Y. (454.3m-600kc), 7 p. m.,
 George Olsen's Hotel Pennsylvania dinner orches-
 tra; 8, Sundial Shoe serenaders; Bonnie Laddies; 9,
 Breyer Ice Cream hour; 10, Democratic theatrical
 rally; 11, Paul Specht's Twin Oaks orchestra.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m.,
 Sylvania hotel dance orchestra; 8:10, health talk;
 Truax, Hygiene Division of Public Charities; 8:30,
 WOO operatic period; 9:30, Fox theater orchestra;
 10, Sesquicentennial program; 10:30, Sam Brown's
 dance orchestra.

WOR, Newark, N. J. (465.2m-740kc), 6:15 p. m., Bill
 Walter in sports; 6:30, Hotel Bretton Hall string
 quartet; 7:25, Newark Evening News; 8:30, War-
 litzer organ recital; 10:30, Jascha Guerich's dance
 orchestra.

WRC, Washington, D. C. (468.3m-640kc), 7 p. m.,
 Meyer Goldman's Hotel Hamilton orchestra; 8, Mo-
 zart string quartet; 9, Breyer Ice Cream hour; WJZ;
 10, WEAF; 10:30-12:30, Wardman Park hotel orches-
 tra.

WRVA, Richmond, Va. (256.3m-1170kc), 6:30 p. m.,
 dinner music; 7:45, Sutz silver toned string band;
 8:30, Listen to the Oyster Family, novelties
 saloon; 10:30, Hotel Richmond Winter Garden
 orchestra.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:30 p. m.,
 Jack Horwitz Collegian serenaders; 8, studio pro-
 gram; 9, WEAF; 9:30, studio program; 10, WEAF;
 10:30, studio program; 11, Bamboo Garden orches-
 tra.

WWJ, Detroit, Mich. (552.7m-850kc), 6 p. m., dinner
 concert; 8, Michigan night; 9, WEAF; 9:30, dance
 program; 10, WEAF; 10:30, dance program.

Central Time Stations

KMOX, St. Louis, Mo. (280.2m-1070kc), 7 p. m.,
 KMOX Radio orchestra; 8, Colonel 6121; 9, Du Re
 Mi double quartet; 10, music lovers' hour.
 KSO, Clarinda, Iowa (410.7m-730kc), 7 p. m., music;
 7:15, All stars, T. P. Harris.



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KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:45 p. m., opera galas, Meyer Davis concert orchestra; 9:45-11:05, Rialto Garden finale.
KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., dinner concert; 7, Family Hour; 8:30, musical; 9:10-10:30, classical concert; 10:30-12, Congress carnival.
WBAP, Ft. Worth, Tex. (475.3m-630kc), 7:30-8:30 p. m., musical program; 9:30-11, concert; 11-12, musical program.
WBMM, Chicago, Ill. (225.4m-1330kc), 8:30-8:45 p. m., artist recital; 8:45-9, safety play; 9-10, string symphony; Vanity Fair orchestra.
WFAA, Dallas, Tex. (475.3m-530kc), 6:30-7:30 p. m., Cooper's Texas Southerners; 8:30-9:30, Ruth Abernathy, pianist; Mrs. George N. Crosshwaite, singer.
WGN, Chicago, Ill. (302.5m-990kc), 5:45-7 p. m., request program, concert ensemble, string quintet; 7, The Million sings; 7:05, old fashioned Almanack; 7:15, Paul Ash; 8, concert ensemble; Tommy Gates, baritone; 8:30, Correll and Gosden, studio ensemble; 9, WEAFF; 9:30, Phantom violin; 10, Sam 'n' Henry; 10:10, Music box; 10:20, Bible readings; 10:30, artists; 10:40-11, songs, Correll and Gosden.
WVAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., Wisconsin theater organ recital, Arthur Richter; 8:30, Marquette University classical studio program.
WHAS, Louisville, Ky. (390.5m-750kc), 7:30-8 p. m., Reynolds-Kent Kentucky hotel Cardinals; 8:5, Floyd and Wright orchestra.

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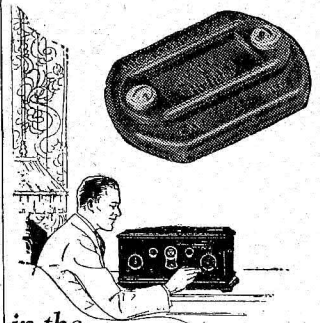
Hundreds of items are listed that make fine radio sets and parts within the reach of every home. Our service is unusually attractive to dealers, set builders and users of parts. Satisfaction is assured on all Hampton Wright purchases. Specify catalog No. C-8.

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WHO, Des Moines, Iowa (526m-570kc), 7:30-8 p. m., ten-room orchestra; 8-9, Garber trio; Leon Garber, bass; Paul Garber, tenor; 11-12, dance music.
WJJD, Moosehart, Ill. (370.2m-810kc), 5:45-7 p. m., dinner concert; Howard Peterson, organist; Palmer House symphony players; Victorians; 8-9, child artists; 10-11, Victorians; 12:30 a. m., Settin' Up House.
WLJL, Chicago, Ill. (302.5m-990kc), 11-12 midnight, Correll and Gosden; Tommy Gates; 12-1, Coon Sander.
WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 6:30, Wide Awake club; 8, light opera; 9:50, air line.
WOC, Davenport, Iowa (433.6m-620kc), 7:30-8:30 p. m., Moorman Melody Mixers; 8:30-9, WEAFF; 9, WEAFF; 9:30-10:30, Isaac Walton league male quartet.
WQQ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., specialty hour; Rainbo Gardens orchestra; 10-2 a. m., Rainbo Gardens orchestra; Harry Geise, Jack Klein, Zeigler sisters, regular artists.
WSM, Nashville, Tenn. (282.8m-1060kc), 6:45 p. m.,

Andrew Jackson hotel orchestra; 8, studio program; 10, musicale; 10:30, F. Arthur Henkel, organist.
WSWS, Chicago, Ill. (275.3m-1090kc), 6 p. m., dinner concert; 8, Terrace Garden orchestra, classical program; 10, ballad and popular music; Oscar Heather, orchestra; 12, Witching hour.
Mountain Time Stations
KOAA, Denver, Colo. (322.4m-930kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 7:30, Sunday school lesson; 8, instrumental program; 8:25,

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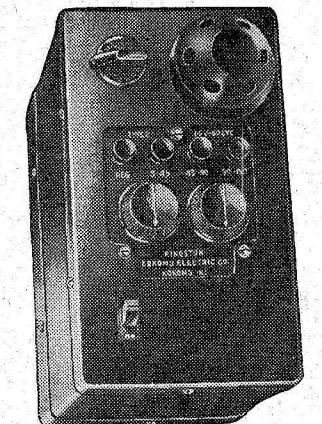
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(Continued from page 7)
the simple act of tuning in a station, can you imagine a more practical solution of the problem?

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Another very distinctive feature of this little wonder circuit is in the arrangement of the secondary coils which are apart and in no wise physically connected to the primary. This secondary mounts upon the baseboard or subpanel, and is not only angularly variable with respect to the position of the condenser shaft, but also adjustable in order to provide any desired degree of coupling with the primary. In fact, in the Karas Equomatic system the primary and secondary are so completely variable with respect to one another and their associated apparatus that practically any degree of coupling or variation of coupling is readily and easily obtainable.

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face panel, drilled and engraved ready to go, but also with the sub-panel likewise drilled and with this cute little angle located and engraved in as big as a "house afore." Pretty nice, I'm saying.

Naturally I expect after you throw this circuit together and commence getting the world's news that you may hunch one or the other of these secondaries over a seventy-five thousandth of an inch—also that you will keep fooling with the adjustment of the primary until getting what's on the air will be boys' play. Go to it! Maggie promises that with the one which she is building she will beat all male contestants on DX. If she doesn't—well, if she doesn't—you and her can fight it out personally or otherwise, and she will answer every letter. Remember 'tough boy, this is a fight, not a party, and if any parties are to be thrown register me as also with you as long as it's merry.

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STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC. REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.
Of Radio Digest, Illustrated, published semi-monthly at Chicago, Ill., for October 1, 1926.

State of Illinois, County of Cook, ss.—Before me, a Notary Public in and for the State and County aforesaid, personally appeared **E. C. RAYNER**, who has been duly sworn according to law, deposes and says that he is the sole proprietor of the Radio Digest, Illustrated, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management and circulation, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form:

1. That the names and addresses of the publisher, editor, managing editor, business managers and Publisher, **E. C. RAYNER**, 2335 Commonwealth Ave., Chicago, Ill.; **Editor, Evans E. Plummer**, 5686 Ridge Ave., Chicago, Ill.; **Managing Editor, Non-Business Manager, V. E. Hutter**, Hotel Elms, 53rd and Cornell Ave., Chicago, Ill.

2. That the owner is: (If the publication is owned by an individual his name and address, or if owned by more than one individual the name and address of each, should be given below; if the publication is owned by a corporation the name of the corporation and the names and addresses of the stockholders owning or holding one per cent or more of the total amount of stock should be given.) **E. C. RAYNER**, 2335 Commonwealth Ave., Chicago, Ill.; **George Seaman**, 2350 Parkway, West, Chicago, Ill.; **F. T. Ryan**, 510 N. Dearborn St., Chicago, Ill.; **D. R. Seaman**, 49 Cedar Ave., New York, N. Y.; **V. E. Hutter**, Hotel Elms, 53rd and Cornell Ave., Chicago, Ill.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) None.

4. That the statements next above, giving the names of the owners, stockholders, and security holders, and the names and addresses of the stockholders and security holders as they appear upon the books of the company, but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, be given; also, that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as stockholders or security holders own or hold in a capacity other than that of a bona fide owner; and that affiant has no knowledge or belief as to the circumstances, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities that as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is: The information is required from daily publications only.)

E. C. RAYNER,
(Signature of publisher.)
Sworn to and subscribed before me this 27th day of September, 1926.
A. C. McUTRICK,
(Notary Public, expires October 1st, 1928.)

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