POPULAR SONGS WILL BE HEARD ON RADIO

Six Soloists from Metropolitan To Take Part On Program Monday

The most popular songs from the most popular operas, played and sung by a group of notable artists, including six soloists from the Metropolitan, will be broadcast in the Fisher Body Hour of the General Motors Family Party on Monday evening, April 9. The soloists, whi will also sing as a sextette in two numbers, include Louise Lerch, soprano; Dorothea Flexer, contraito; Armand Tokatyan and Alfio Tedesco, tenors; Frederick Patton, basso; and George Cebanovsky, baritone.

In addition to the vocal selecti na the program will include four numbers by a symphony orchestra under the direction of Cesare Sodero, who will also provid the accompaniment for the singers, and one number Wagner's "Ride of the Valkyries." by C Idman's Band under the leadership of Edwin Franko Goldman. Four of the singers, as a quartette will give the "Quartette from Rigoletto." Other operas from which old favorites have been selected are "Midsummer Night's Dream." "Faust," "Mignon," "Carmen," "La Giocanda," "Lucia," "Robin Hood," "Dream Girl," and "Naughty Marietta."

One of the most interesting voices and personalities of the Fisher Body Hour will come to the radio audience when Miss Flexer is heard. Although born only 23 years ago at Allentown, Penn., she has already achieved distinction and recognition at the Metropolitan by her youth, beauty and charm and by the velvet, sympathetic quality of her contralto

Another Metropolitan singer of youth, beauty and unusual voice is Louise Lerch, soprano, who also originated in Pennsylvania, receiving her instruction under Madame Sembrich at the Curtis Institute and achieving musical fame with her appearance on the Metropolitan stage last fall,

The program, to be heard over 31 stations from the studios of the National Broadcasting company in New York, follows: Introduction, 'If a Body Meet

Body"-Orchestra. Dream, Mendelssohn-Orches-

PATTER OF BRAIN AT WORK TO BE BROADCAST BY WSUI



patter of rain on a tin roof, Dr. Lee E. Travis, University of Iowa, has found. Experiments have made possible reproductions of these sounds, which are to be broadcast by WSUI soon. The photograph shows Dr. Travis manipulating his equipment.

IOWA CITY, Ia. (AP)-Radio

The sound will be that of a hu-

Dr. Lee E. Travis, University of

Iowa psychiatrist, and Theodore

Hunter, his technilian, will con-

duct the experiment from their laboratory. They say they will

broadcast brain waves as repre-

sented by nerve impulses sent to

developing an apparatus which

would make possible the experi-

when the subject's muscles are

contracted, the mipulses will be

"picked up," amplified and broad-

cast as electrical waves. The

sound, says Dr. Travis, is like that

Study of the impulses indicates

the effect of stuttering, mental

and physical disease, fear, excite-

ment, and alcohol on nerve cen-

Hall Johnson and Company

Will Supply Entertain-

ment April 16

Hall Johnson and his famous

Southern singers will go on the

air for the first time when, on

April 16, they supply the enter-

tainment for the General Motors

family party, at which frigidaire

While this organization of Jubilee Singers is well know through

their phonograph records and con-

certs, the plantation program which they will broadcast Monday

night will mark their first ap-

pearance before the radio audi-

Hall Johnson, the conductor of this chorus, is a musician and

composer of thorough and sound

training, who for a period of two

years has been developing and

perfecting this ensemble. His six-

teen negro singers are said to

In one New York City concert by the Hall Johnson Singers there

were gathered in the audience

such noted musicians and critics

as Feodor Chaliapin, Dr. Walter

These men were so impressed by

cal contribution that they volun-

tarily suggested that their names

An effort has been made in ar-

The selections by the concert

...."Dance of the Ice Cubes"

Band and Orchestra

(With background of "Old

Folks at Home" by Hall John-

Poem Erotik.

son Singers.)

Lake

be used as endorsers.

Wavelength ranging the radio program to se-

85 to 273 lect from the vast mass of ma-

40 to 126 terial a sufficient variety of mood

11 to 35 properly to present the attitude

will be the host.

WILL GO ON AIR

ment. It is complete now.

of rain on a tin roof.

For three years, they have been

electrical contact wires,

ma nbrain at work.

the muscles

Solenne in Quest' Ore, La Forza sets tuned in on WSUI April 15 yan and Mr. Cehanovsky. Gavotte from Mignon, Thomas-

Flower Song from Faust, Gounod

-Dorothea Flexer. Quartet from Rigoletto, Verdi-

Dio Possente from Faust, Gounod George Cehanovsky.

La Douna e Mobile from Rigoletto, Verdi-Armand Tokatyan. Dance of the Hours from La Gioconda, Ponchielli-Orchestra. Sextette from Lucia, Donizetti-

Ride of the Valkyries, Wagner-Oh Promise Me from Robin Hood

DeKoven-Dorothea Flexer. My Dream Girl from Dream Girl, Herbert-George Cehanovsky. Ah, Sweet Mystery of Life from Naughty Marietta, Herbert-Sextette.

The London tailors are said to SOUTHERN SINGERS be greatly agitated because the Scherzo from Midsummer Night's Prince of Wales the other day wore trousers turned up, with a morning coat. Up to the time of Veau d'or (Golden Calf, Faust, going to press, however, the mat-Gounod - Frederick Patton, ter has not been referred to the League of Nations.

enough to reach from the adapter

Coils Tickler Coil

Turns

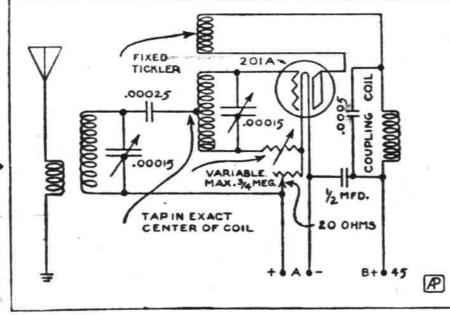
Turns

12

Th coils should be three inches

size of the first coil in the receiver Paul Kochanski, Maurice Ravel,

ADAPTER TUNES TO SHORT WAVES



An adapter making any broadcast receiver a short wave outfit. may be built with one tube, acting as oscillator and first detector. The tuned radio frequency section of the broadcast set then becomes represent every one of the southa "long wave" amplifier. The diagram shows the necessary con- ern states. nections for the adapter.

NEW YORK. (AP)-Any tuned to the receiver. radio frequency broadcast receiver may be made into a short wave in diameter, except the coupler. Damrosch, George Gershwin, Euset without affecting its efficiency whose dimension depends on the gene Goossens. Henry Hadley, on 200 to 550 meters.

By the addition of a one tube proper. It should contain not more Carlos Salzedo, Felix Salmond, E. she t wave adapter, which acts as than four turns if of the three- Robert Schmitz, Joseph Szigeti, both the firste detector and oscil- inch size, and a few more if of a Deems Taylor and Edgar Varese. lator of a superheterodyne, the re-smaller diameter. ceiver becomes an excellent outfit! Approximate sizes of colls for the importance of Johnson's musito bring in stations below 200 me- various wavelengths are: ters. The tuned RF section then Secondary is the intermediate amplifier, and Grid while the regular detector acts as the second rectifier, and passes the signals on to the audio amplifier.

ceiver, except that the antenna

per set).

Coupling coil. Two .00015 variable condens-.00025 fixed condenser. .0005 fixed condenser.

One half mfd, fixed condens-

(Maximum ohms.)

One 201a tube. condensers.

miscellaneous screws. lengths. Its leads should be long need not be touched.

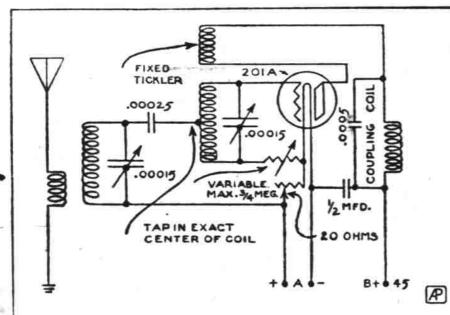


The human brain at work makes a sound something like the

Del Destino, Verdi-Mr. Tokat- will pick up a rat-a-tat sound. something like the patter of rain on a roof. Orchestra.

Lerch-Flexe; Tokatyan-Patton.

Bacchanale from Samson et Dalila, Saint-Saens-Orchestra, Micaela's Song from Carmen, Bizet-Louise Lerch.



Associated Press Radio Editor)

Not a thing is touched in the reand ground are removed from it The primary of the antenna coil of the negro toward spirituals and to the "adapter." The short wave has three turns for the various folk song, which with the colored section is coupled to it by a small wavelengths, while its secondary race ranges from the most procoil placed near the first coil in varies with the wavelength to found sorrow to the greatest joy. which it is desired to tune.

Three coils are necessary for The oscillator coil must be cen- orchestra under the direction of the unit. The antenna pickup con- ter tapped. The tickler is wound Roderic Graham, and the Goldman sists of a primary and secondary. half inch away on the same form Band, with Edwin Franko Goldwhile the oscillator coil has a grid with the grid section. In the grid man conducting, will be in harsection tapped exactly in the cen- return lead is placed a variable re- mony with the general southern ter and a fixed tickler. The re- sistance with a maximum of 750,- tone of the concert. maining coil is that used to couple 000 ohms. This is used to regulate The program, to be broadcast the outfit to the receiver, and need the oscillator tube. It should be through the National Broadcasting PARTS FOR ADAPTER of a noisless type and should be Company and thirty-one stations, Set short wave coils. (Two placed on the panel, as it must be follows:

readjusted every time the coils are Introduction switched. The adapter is placed into opers (Approximately five plates). tion eration by putting the coup- Evolution of Dixie. Socket and 20 ohm rheostat. Ung coil on top of the first RF

coil in the set. Dials on the main a, Religion Is A Fortune receiver are turned to 100. A b. Were You There? (Baritone) high pitched whistle probably will Lead) be heard first. This is placed un- c. Scandalize Ma Name Noisless Variable resistance. der control by adjusting the 750,- d. Carry Me Back to Old Virginny not over 750,000 \$00 ohm resistance until it disap- Hall Johnson Singers

pears. Tuning then is done on the Humoresque Panel to accommodate two two controls on the adapter. However, a slight adjustment on the Baseboard, hook up wire and dials on the receiver may be necessary so that each stage will be Banjo Specialty no be changed for various wave- in resonance. After that they a. There's a Cradle in CaroC. I'm an Eas'man Hall Johnson Singers

Banjo Specialty: Banjo Gottschalk 6:00-7:00 KOIN (219) King Cotton March. Darkies Jubilee.

Deep River (With Contralto Hall Johnson Singers

LISTEN IN

12:30-1:00-KOIN. Organ concert. 12:30-2:00-KXL, Special musical pro gram.

12:45-1:15—KWJJ. Quartet.

1:00-1:30—KOIN. Courtesy program.

1:15-2:15—KWJJ. Concert.

(With Banjo Orchestra)

6:00-5:80-KXL
6:05-80-KXL
6:15-6:80-KGW
5:30-6:00-KXL

From the Southland Burleigh Orchestra and Band

SUNDAY MORNING gram.
11:00-12:00—KGW (492). Hinson Me 10:00-11:00—KGW. Concert.
10:00-11:00—KGW. Little Symphony morial Baptist church service.

orchestra

orchestra

11:00-12:00—KWBS (200). Classical PCN—1-2, Golden Strand group: 3-4:30. 12:00-1:00—KOIN. Organ concert. 12:00-6:00—KXL. Afternoon presentaprogram. 1:00-12:00KOIN (219). Church service. 11:00-12:00-KTBR (229). First Presbyterian church service. 11:00-12:30-KXL. First Methodist church services. 11:45-12:45—KWJJ (250). Organ SUNDAY AFTERNOON

4:80-6:00-KEX (278). Recording com Organ concert. Courtesy program.

Sousa 6:00-7:00—KOIN (219). Organ concert 6:00-7:30—KEX. Dinner concert trie. 6:00-7:30—KKL (220). Concert trie. 7:00-8:00—KGW. Pianists. 7:00-8:00—KGW. Herbert Hoover and others at San Process. others at San Francisco dedication. 7:00-8:00-KOIN. Orchestra. ntraito 7:00-8:00-KOIN. Orchestrs. Burleigh 7:80-8:20-KEX. Mt. Taber Presbyter ian church service.
7:80-10:80-KXL. Studio features and entertainment.

8:00-9:00-KGW. Musical fantasies.

8:00-9:00-KOIN. First Church of Christ, Scientist.

8:30-9:00-KEX. American Plan pro-

9:00 9:80 KGW. PCN program. 9:00-10:00-KOIN hour. 9:00-10:00-KEX. International Bible Musical comedy Students' association. 9:80-10:00-KGW. Co

concert: 4 30-5. 'Great Moments of tions.

History': 7-8. Symphony hour; 9-9:30. 12:00-6:00—KEX. Concerts. musical program.

KFRC—San Francisco (454). 6, talk; 1:00-1:15—KOIN.
6:30, 7:80, orchestra; 8:80, orchestra; 3:00-4:00—KOIN.

tra; 9:30, song recital; 10, dance or4:00-8:00—KFEC.
4:00-8:00—KWBS

8, organ; 8:80, concert; 9, PCN.

KGO-Oakland (884). 6, 7, PON; 7:85, ahurch service; 9, PCN. KFI-Los Angeles (468), 6, 7, PCN; 7:80, variety; 8, organ; 9, PCN; 9:30, wielinist; 10, orchestra.

KHJ—Los Ongeles (400). & doings;
6:15. music; 6:45, news; 7, church
service; 8-10, concert; 10, sextet; 11.

MONDAY MORNING 8:00-9:00—KXL (220), Larry Bussell 9:00-10:00—KUIN.
9:00-10:00—KTBR (229), Housewife's 9:00-10:00—KCW, PCN programs.
9:00-10:00—KGW, PCN programs.
9:00-10:00—KJL, Courtesy programs.

program.

10:00-11:00—KTBR, Music.

10:00-11:30—KUW, Dance saus.

10:00-11:30—KUW, Musical features.

10:00-11:30—KGW (492). Household PCN—6-9. orchestra 9-9:30: orchestra 10:00-11:80-KGW 10:00-12:00-KXL. Live Wire and cour tesy programs

12:00-1:00-KFEC (214). Weather re

chestra, 11, dance orchestra.

KFSG-los Angeles (252), 6, band con5-15-6-00-KOIN. Concert. 4:00-8:00-KWB8 (200). cert; 7, music; 8-10, Aimee Semple Mccert; 7, music; 8-10, Aimee Semple Mc-Pherson: 12-1, band and cheir.

KOMO—Seattle (369). 6:30, 7. PCN; 8, 6:00-7:00—KTBR (229). Dinner concert ied music.

dance orchestra

:15-7:80-KGW (492). Health exer-1:00-9:00-KXL (220). Early Riser pro-gram. 9:00-10:00-KWJJ. Concert. 9:00-10:00-KOIN. Radio players. :00-10:00-KXL. Portland Early Birds. 9:45-10:00—KGW. Setting up exercises. 9:30-10:00—KEX. Music. 9:40-12:00—KOIN (319). Housewife's 10:00-11:00—KGW Collegiates.

MONDAY AFTERNOON

12:30-6:00-KWJJ (250). Concerts. 1:00-1:15-KOIN. Farm flash.

6:45, church service.

EFON—Long Beach (242). 6, orchestra;
7, mandelin orchestra; 7:45, church
service; 9-1, "All Star Kite."

EFOA—Seattle (447). 6, 7, PCN; 9,

church s:00 8:80 KOIN.

KPO—San Francisco (422), 6, 7, PCN; 6:00-7:00—KGW (492), Musical pro

KOA-Denver (326). 6:15, orchestra; 6:00-7:00-KOIN (319). Organ concert 6:45, church service. 6:00-7:00-KPEG (314). Weather report and mpele. :00-8:00-KWBS (900). Concert.

5:80-8:00-KEX. Children's hour with Salmon Creek school children. :00-7:80 KGW. Concert. :00-8:00-KXL Courtesy program. 7:00-8:00-KFIF (329). Oregon gress of Parents and Teachers. :00-8:00-KEX. Studio program. :80-8:00-KGW. Better flowers

Entertainers 8:00-9:00-KXI. 8:00-9:00-KGW. 8:00-9:00-KEX. From KMO, Tacoma. PCN Symphonists.

8:30-9:00-KXL. Staff artists. 9:00-11:00-KWBS. Musical program.

violin: 8-10, PCN: 10-12, variety.
KHQ—Spokane (370) 6, orchestra: 6:15,
travelog: 6:30, organ: 8-10, PCN: 10:
80, frelic.
KHJ—Los Angeles (400), 6, doings: 6:15, music: 6:45, news; 7, symphonic band; 8, orchestra; 9, Sun Dodgers; 10-12, orchestra.

KYA—San Francisco (353). 6, news;
6:30, 7, Charles W. Hamp; 8, 9, music; 10-12, dance orchestra. KOAC-Corvallis (270), 6:30, music and markets; 7, club; 7:80, string quar-tet.

and vecal chorus; 10-11, "Broadwa

KGO-Oakland (384). 6, 6;86, 8-11

tet; 7, symphonette; 8, PCN; 9, 9:30, PCN; 10.

KFI-Los Angeles (468). 6, maie qua

KFOA-Seattle (447), S. 7, S, PCN; 9 organ; 9:30-11, PCN

KFRC-San Francisco (454). 6, 6:30,

KJR Seattle (348), 6, 6:30, concert 7:30, blues singer; 8, 9, 10, dance er

Cecilians; 8-10, jamboree; 10-12, danc

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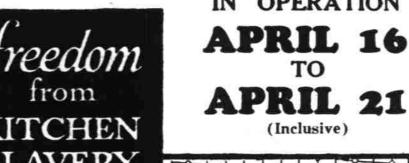
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