

Full Programmes for Next

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NOTES AND COMMENTS

(By "Switch.")

How the love of "good" music is being extended from the select circle of cultured groups to the general public is explained by an American writer, as follows: "In spite of all generally-accepted theories to the contrary, the middle classes of America are being coated with culture, and the germ of this culture, which is carried on the radio waves, is penetrating far deeper than the surface. They may be untutored in knowledge of the art of the brush and paint, they may be ignorant of the value of classic lines in clay, but when it comes to the notes of music, they know their operas and they know their artists."

The "Scientific American" says of the new American double-grid valve: "This UX-222, when properly connected, is said to increase the signal voltage about 30 to 40 times, as compared with a five to seven voltage increase obtained with the average general purpose valve. When employed as a space-charge-grid valve, the received signal voltage may be intensified by more than 150 times per stage of amplification. The tube requires but 182 amperes of filament current at a voltage of 8.3.

The dream of radio as a means of individual and secret communication between persons or any two desired places on earth is fading away, according to Dr. J. H. Dellinger, chief of the radio laboratory of the United States Government Bureau of Standards. "The directing of radio waves in a very sharply defined beam, like light from a searchlight, is a consummation not likely to be achieved," says Dr. Dellinger. "Nevertheless, the approximations that have been and are being made are of great value. About ten years ago, Marconi demonstrated that, by the use of a parabolic reflecting arrangement, radio waves could be partly directed in a definite direction. With such an arrangement the intensity of the waves along the desired direction was several times that found at angles greater than 20 degrees from that direction."

Many vernier dials are operated on a friction principle and their use in a receiver is often interfered with by the mechanical construction of the variable condenser which they actuate. A great number of condensers are equipped with a braking mechanism to provide various tensions in respect to the ease with which the shaft may be revolved. Many condensers are adjusted at the factory so that a considerable amount of tension is present. A friction driven vernier dial will slip when used in conjunction with such a condenser and is subject to considerable "back-lash." The use of a screwdriver or pliers, as the case may be, will allow the braking mechanism to be loosened so that operation of the vernier dial will be most satisfactory. A careful examination of the condenser will usually disclose just what part acts as the brake.

As many as 325 words per minute in both directions have been sent by beam radio between Australia and England. Are there any "fans" who can read morse at that speed?

Dr. Irvine Wolff, a prominent American radio engineer, says that the sound given off by the loudspeaker depends both upon the efficiency of the radiating surface and its amplitude of motion, and that low tones can be obtained from even a small surface by making the motion large.

The majority of loudspeaker cords have one of the wires equipped with a red tracer. The wire thus marked should at all times be connected to the "B" positive of the loudspeaker output of the receiver unless an output transformer is used. Damage may result to the speaker if the "B" battery voltage is applied to the wrong terminal. A convenient method for testing whether or not the polarity is correct is to connect the speaker to the output of the receiver and observe the quality and volume of reproduction. Then reverse the terminals and repeat. If the volume and reproduction is of a better order, it is safe to allow the connections to remain. If, on the other hand, a decided decrease in quality and volume is observed, reverse the terminals to their original polarity.

A New York radio authority says: "An error in popular discussion of recent super-power developments, particularly with respect to WGY's (Schenectady) 100-kilowatt set, is the assumption that doubling the power doubles the effective range. At the time WJZ's present equipment was installed, engineers explained that, because of the 'square-root rule,' which applies in such a case, it is necessary to increase the power four times in order to double the signal strength, which means 200, and not 100 kilowatts, is the next step in power increases, but one not expected in the near future."

The constables of the Police Department in Passaic, N.J., U.S.A., have each been supplied with a pocket receiving set, with which they are able to receive messages from headquarters whilst on their beat. The inventor of the system is Michael Rush.

Sunday, March 4th

1YA AUCKLAND (333 METRES)—SUNDAY, MARCH 4.

- 3 p.m.: Afternoon session—Selected studio item.
4.0: Literary selection by the Announcer.
4.30: Close down.
6.0: Children's service, conducted by Uncle Leo, assisted by cousins from Beresford Street Sunday School Choir.
6.55: Relay of evening service from St. Andrew's Church. Preacher, Rev. Lamb-Harvey; organist, Dr. Neil MacDougall.
8.30: Vocal quartet—The St. Andrew's Quartet, "Through Peace to Light" (Turner).
8.35: Contralto solo—Miss P. Gribben, "Harvest" (Del Riego).
8.39: Tenor solo—Mr. Robert Peter, "Be Thou Faithful Unto Death" (Mendelssohn).
8.44: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio in C Minor, Op. 1, No. 3, Allegro" (Beethoven).
8.54: Vocal quartet—St. Andrew's Quartet, "O, Saviour of the World" (Goss).
8.59: Weather forecast.
9.1: Bass solo—Mr. A. Colledge, "O, God Have Mercy" (Mendelssohn).
9.5: Vocal duet—Miss Taylor and Mr. Peter, "Love Divine" (Stainer).
9.10: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio in C Minor, Op. 1, No. 3, Andante and Var." (Beethoven).
9.20: Vocal quartet—St. Andrew's Quartet, "Turn Thy Face" (Sullivan).
9.25: A thought.
9.27: God Save the King.

2YA WELLINGTON (420 METRES)—SUNDAY, MARCH 4.

- 6 p.m.: Children's service, conducted by Uncle Ernest.
6.55: Relay of evening service from Taranaki Street Methodist Church. Preacher, Rev. Clarence Eaton; organist and choral director, Mr. H. Temple White.
8.30: Mezzo-contralto solo—Miss N. Coster, "Like to the Damask Rose" (Elgar).
8.35: Vocal quartet—Ariel Singers, (a) "The Ash Grove" (Welsh air, arr. by Crampton); (b) "Sleep, Gentle Lady" (Bishop).
8.43: Instrumental quartet—Symons-Ellwood-Short Quartet, "Andante Cantabile from D Major Quartet" (Tschalkowsky).
8.48: Tenor solo—Mr. Roy Hill, "Praise Ye the Lord" (Bantock).
8.52: Vocal duet—Miss N. Coster and Mr. J. M. Caldwell, "Love Divine" from "The Daughter of Jairus" (Stainer).
8.57: Vocal quartet—Symons-Ellwood String Quartet, (a) "First Movement from G Major Quartet" (Mozart); (b) "Minuetto" (Boccherini).
9.3: Soprano solo—Miss Jeanette Briggs, "The Willow" (Goring Thomas).
9.8: Vocal quartet—Ariel Singers, "The Winds" (Cympton).
9.14: Cello solo—Mr. Geo. Ellwood, "Air With String Accompaniment" (Bach).
9.20: Tenor solo—Mr. Roy Hill, selected.
9.25: Bass solo—Mr. J. M. Caldwell, "The Windmill" (Nelson).

3YA CHRISTCHURCH (306 METRES)—SUNDAY, MARCH 4.

- 5.45 p.m.: Children's song service, conducted by Uncle Sam, assisted by the East Belt Methodist Sunday School.
7.0: Relay of evening service from St. Andrew's Presbyterian Church. Anthems: (a) "I Was Glad When They Said Unto Me" (Elvy); (b) "The Sun Shall Be No More" (Woodward).
Preacher, Rev. N. L. D. Webster; organist, Mr. R. E. Lake; choir-master, Mr. J. McLean.
After the church service the following concert will be given from 3YA studio:—
8.15: Baritone solo—Mr. Francis Jones, "Thou Art Passing Hence, My Brother" (Sullivan).
Soprano solos—Mrs. Frank O'Brien, (a) "At Dawning" (Cadman); (b) "Light Has Sent Me Many Roses" (Lohr).
Clarinet solo—Mr. M. E. Withers, "Scena et Aria" (Bergson).
Contralto solo—Miss Nancy Bowden, "O, Rest in the Lord" from "Elijah" (Mendelssohn).
Baritone solos—Mr. Francis Jones, (a) "Nazareth" (Gounod); (b) "A Song of Sleep" (Somerset).
Soprano solo—Mrs. Frank O'Brien, "Rumanian Night Song" (Lohr).
Clarinet solo—Mr. M. E. Withers, "Ave Maria" (Schubert).
Contralto solo—Miss Nancy Bowden, "Creation's Hymn" (Beethoven).
God Save the King.

4YA DUNEDIN (463 METRES)—SUNDAY, MARCH 4.

- 5.45 p.m.: Children's song service, conducted by Big Brother Bill.
6.45: Sacred concert and service by the International Bible Students' Association. Speaker, Mr. O. G. Canty.
9.10: Close down.

Monday, March 5th

1YA AUCKLAND (333 METRES)—MONDAY, MARCH 5.
SILENT DAY.

Amalgamated Wireless

(A'sia.), Ltd.,

BOX 830

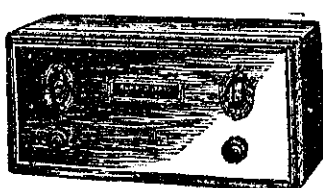
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2YA WELLINGTON (420 METRES)—MONDAY, MARCH 5.

- 3 p.m.: Chimes of the G.P.O. clock, Wellington.
3.1: Selected gramophone items.
3.30: Lecturette on "Fashions," by a representative of James Smith, Limited.
3.45: Selected gramophone items.
5.0: Close down.
6.0: Children's hour—Tohy and Jeff.
7.0: News session, market reports, and sports results.
7.40: Lecturette on "Our Weights and Measures," by Mr. H. E. Mostyn, of the Labour Department.
8.0: Chimes of the G.P.O. clock.
8.1: Overture—"Valse Triste" (Sibelius).
8.5: Vocal quartet—The Celeste Quartet, "The Stars that Above Us Are Shining" (Weber).
8.9: Humorous recital—Mr. Stanley Warwick, "Uncle Podger Hangs a Picture" (Jerome).
8.14: Soprano solo—Miss Myra Sawyer, "As Thro' the Street" from "La Boheme" (Puccini).
8.18: Instrumental trio—Symons-Ellwood-Short Trio, "First Part Dumky Trio" (Dvorak).
8.28: Vocal duet—Miss Mabel Dyer and Mr. Edgar Swain, "A Little Old Garden" (Hewitt).
8.32: Flute solo—Mr. L. W. Rothwell, "Andalouse" (Krantz).
8.37: Harmony—Mr. H. Montgomery, a vocal entertainment.
8.42: Violin solo—Miss Ava Symons, "Meditation" (Glazounov).
8.47: Bass solo—Mr. Wm. Boardman, "A Bachelor Gay" from "Maid of the Mountains" (Tate).
8.51: Hawaiian duos—Messrs. Berthold and Bent, (a) "Me and My Shadow" (Jolson and Dreyer); (b) "What Does It Matter?" (Berlin).
8.59: Weather forecast.
9.0: Lecturette—Professor T. A. Hunter, of Victoria University, "The Mind of Man."
9.10: Contralto solo—Miss Mabel Dyer, "Dawn" (Paul Currin).
9.14: Humorous recital—Mr. Stanley Warwick, "Spring" (Thomas).
9.20: Vocal duet—Miss Myra Sawyer and Mr. Wm. Boardman, "How Long in Torment Sighing" (Mozart).
9.25: Instrumental trio—Symons-Ellwood-Short Trio, "Second Part Dumky Trio" (Dvorak).
9.35: Harmony—Mr. H. Montgomery, five minutes of melody.
9.40: Flute solo—Mr. L. W. Rothwell, "Idyll" (Pessard).
9.44: Tenor solo—Mr. Edgar Swain, "La Donna e Mobile" from "Rigoletto" (Verdi).
9.49: Hawaiian duos—Messrs. Berthold and Bent, (a) "Southern Blues" (Palakiko); (b) "In a Little Spanish Town" (Wayne).
9.57: Vocal quartet—Celeste Quartet, "A Little Grey Home in the West" (Lohr).
God Save the King.

3YA CHRISTCHURCH (306 METRES)—MONDAY, MARCH 5.

- 3 p.m.: Afternoon session—Selected studio items.
4.30: Close down.
6.0: Children's hour—Uncle Jack and Aunt Edna—Birthday greetings, stories, and songs.
7.15: News and reports.
8.0: Chimes. Relay of orchestral music from Strand Picture Theatre Orchestra, under the conductorship of Mr. Harry Ellwood.
Band concert by Band of 1st Canterbury Regiment Infantry, under the conductorship of Lieut. C. H. Hoskin and assisting artists.
8.15: Baritone solo—Mr. Charles Lawrence, "The Stoker" (Arundale).
8.19: March—Band, "Colonel Bogey" (Alford) (by request).
8.23: Soprano solos—Miss Marjorie Miller, A.T.C.L., (a) "Until" (Sander-son); (b) "Down Here" (Brahe).
8.26: Fantasia—Band, "Carnival of Flowers" (Le Due).
8.31: Vocal duets—Messrs. Alfred Lovell and Chas. Lawrence, (a) "Rock-a-Bye Days" (De Sylva); (b) "Hop, Skip, and a Jump" (Kahn).
8.37: Humoresque—Band, "Ding, Dong Bell" (Trentland).
8.40: Humorous recital—Mr. Hiram Dunford, "The Yarn of the Nancy Bell" from "Bab Ballads" (Gilbert).
8.46: March—Band, "Ruaparaha" (Lithgow).
8.50: Songs at the piano—Mr. Maurice Lawrence, "When You're a Long, Long Way from Home" (M.S.).
8.54: Tenor solo—Mr. Alfred Lovett, "The Big Parade" (De Sylva).
8.59: Weather forecast.
9.0: Relay of orchestral music from the Strand Picture Theatre.
9.10: Baritone solo—Mr. Charles Lawrence, "Ships that Never Come In" (Yellen).
9.14: Cornet solo—Band soloist, "Come, Sing to Me" (Thompson).
9.17: Vocal duet—Messrs. Lovett and C. Lawrence, "While the Years Go Drifting By" (Wall).
9.21: Selection—Band, "La Sonnambula" (Bellini).
9.26: Soprano solo—Miss Marjorie Miller, "She Is Far from the Land" (Lambert).
9.33: Waltz—Band, "Summer Glory" (Greenwood).
9.37: Humorous recital—Mr. Hiram Dunford, "The Grom's Story" (the story of a horse versus car) (M.S.).
9.42: Selection—Band, "Arcadians" (Moncton, arr. Talbot).
9.47: Male voice duets—Messrs. Maurice and Charles Lawrence, (a) "The Ghost of the Violin" (Gordon); (b) "He's a Devil" (Kyle).
9.55: March—Band, "Higher Grade" (Carter).
God Save the King.

4YA DUNEDIN (463 METRES)—MONDAY, MARCH 5.
SILENT DAY.

Tuesday, March 6th

1YA AUCKLAND (333 METRES)—TUESDAY, MARCH 6

- 3 p.m.: Afternoon session—Selected studio items.
3.30: Talk on "Cooking by Electricity," by a representative of Turnbull and Jones.
4.0: Literary selection by the Annoy.
4.30: Close down.
6.0: Children's hour—Cinderella.
7.15: News and reports.
8.0: Chimes.
8.1: Relay of orchestral overture from the Majestic Theatre, under the conductorship of Mr. J. Whiteford-Waugh.
8.5: Baritone solo—Mr. Jas. de Montalk, "Plymouth Ho" (Lemare).
8.9: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio in D Major, Lento Allegro" (Reinecke).
8.18: Soprano solo—Miss Nancy Hanna, "It Is Not Because Your Heart Is Mine."
8.21: Cornet solo—Mr. Fred. Bowes, "Lizzie Polka" (Hartmann).
8.26: Relay of musical interlude from Majestic Theatre.
8.30: Tenor solo—Mr. Robert Peter, "Farewell in the Desert" (Adams).

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