

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, JANUARY 9.

- 3.0 : Gramophone recital.
 4.25 : Sports results.
 5.0 : Children's hour.
 6.0 : Dinner session.
 7.0 : News and market reports.
 8.0 : Chimes. Vaudeville and Dance Programme. Record—"Eighteenth Century" Orchestra, "Beggars' Opera" (Parts 1 and 2).
 8.8 : Tenor—Mr. David McGill, (a) "One Flower Grows Alone" (Romberg); (b) "O, Vision Entrancing" (Goring-Thomas).
 8.16 : Cornet—Mr. R. Ohlson, "Macushla" (Macmurrough).
 8.19 : Record—Choral, "I Know of Two Bright Eyes."
 8.23 : Orchestral—Salon Orchestra (Conductor, Mr. Francis Bate); "Valse Piquantes" (Graham Peel).
 8.31 : Contralto—Miss Nellie Lowe, (a) "A Japanese Love Song" (Brahe); (b) "When Stars Were Young" (Rubens); (c) "My Haven of Dreams" (Barry).
 8.38 : Piano Recital, with introductory comments—Miss Gladys Watkins, A Group of Dances—(a) "Rigandon" (Nieman); (b) "Spanish Dance" (Granados); (c) "Polka" (Glazounoff); (d) "Concert Study on the Sailor's Hornpipe" (Ernest Dicks).
 8.48 : Humorous Sketch—The Mascots, "A Lot for Your Money" (More adventures of Joe and Vi) (Carlton and Manley).
 9.8 : Weather report and station notices.
 9.10 : Record—Orchestral, Grand Symphony, "Round the World by Hire" (Parts 1 and 2).
 9.16 : Tenor—Mr. David McGill, (a) "I Hear a Thrush at Eve" (Cadman); (b) "Bird Songs at Eventide" (with bird songs in the background).
 9.21 : Cornet—Mr. R. Ohlson, "From Songs Without Words—Allegro Con Fuoco" (Mendelssohn).
 9.25 : Record—Vocal Gems from "Street Singer."
 9.28 : Orchestral—Salon Orchestra, Four Indian Love Lyrics, (a) "The Temple Bells"; (b) "Less Than the Dust"; (c) "Kashmiri Song"; (d) "Till I Wake" (Woodforde-Finden).
 9.39 : Contralto—Miss Nellie Lowe, (a) "Angus Macdonald" (Roedel); (b) "Just a Ray of Sunshine" (Squire).
 9.45 : Record—Organ—(a) Interlude; (b) Idylle.
 9.48 : Record—Duet, Dora Labette and H. Eisdell, "Very Own Pierrette."
 9.51 : Orchestral—Salon Orchestra, Selection, "My Son John" (Oscar Strauss).
 10.0 : Programme of dance music.
 11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, JANUARY 9.

- 3.0 : Chimes. Selected recordings.
 4.30 : Sports results.
 5.0 : Children's hour, conducted by Aunt Anita.
 6.0 : Dinner music.
 7.0 : News session.
 8.0 : Relay of concert programme from 3YA, Christchurch.
 10.0 : Dance session.
 11.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, JANUARY 9.

- 7.30 to 8.0 : News and information.
 8.0 to 10.0 : Studio concert.

Sunday, January 10

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, JANUARY 10.

- 3.0 : Selected recordings and literary selection.
 6.0 : Children's song service, conducted by Uncle Leo.
 7.0 : Relay of service from St. Andrew's Church. Preacher: Rev. Ivo Bertram. Organist and Choirmaster: Dr. Neil McDougall.
 8.30 (approx.): Relay of Municipal Band Concert from Albert Park. Conductor: Mr. George Buckley.
 March—The Band, "Aguero" (Franco).
 Overture—The Band, "The Flying Dutchman" (Wagner).
 Cornet—Mr. J. Davies, "Cleopatra" (Damare).
 Suite—The Band, Peer Gynt: (a) "Morning" (b) "Ase's Death;" (c) "Anitra's Dance;" (d) "In the Hall of the Mountain King" (Grieg).
 Piccolo—Mr. Hal. C. McLennan, "Souvenir de Liege" (Gennin).
 Selection—The Band, "Yeomen of the Guard" (Sullivan).
 Intermezzo—The Band, "Dream Flowers" (Translateur).
 Hymn—The Band, "Light's Above Celestian Salem" (Elliot).
 March—The Band, "Dunedin" (Alford).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, JANUARY 10.

- 3.0 : Selected gramophone recordings.
 6.0 : Children's song service, conducted by Uncle George and assisted by the children's choir from the Kent Terrace Presbyterian Church, conducted by Mr. Jack.
 7.0 : Relay of service from the Taranaki Street Methodist Church. Preacher, Rev. T. R. Richards.
 8.15 (approx.): Concert by the Band of the Wellington Division Royal Naval Volunteer Reserve, and 2YA Artists.

- March—The Band, "Great Little Army" (K. Alford). Selection, "La Militaire" (W. Raymond).
 Soprano—Miss Christina Ormiston, (a) "The Lord is my Light" (Allist); (b) "The Lotus Flower" (Schumann); (c) "Spring Night."
 Violin—Miss Ava Symons—(a) "Schon Rosmarin" (Kreisler); (b) "The Foggy Dew" (Arthur Alexander); (c) "Sicilienne and Rigadon" (Francoeur-Kreisler).
 Baritone—Mr. Keith Grant, (a) "Danny Deever" (Walter Damrosch); (b) "Mandalay" (Oley Speaks).
 Cornet solo—Mr. W. Bowman "Alas! Those Chimes" (Wallace).
 Waltz—Band—"The Grenadiers" (Rimmer).
 Violin—Miss Ava Symons, (a) "Chant" (Cameron White); (b) "Obel tass" (Wienawski); (c) "Serenade Espagnole."
 Soprano—Miss Christina Ormiston, (a) "Ave Maria" (Schubert); (b) "Open Secret" (Huntington Woodman).
 Band—Selection, "Fra Diavolo" (Auber).
 Baritone—Mr. Keith Grant, (a) "Western Wind" (May Brahe); (b) "My Resting-place" (Schubert).
 Band—(a) "Meditation, Sanctuary of the Heart" (Ketelby); (b) Hymn, "Abide With Me" (Monk).
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, JANUARY 10.

- 3.0 : Gramophone recital.
 5.30 : Children's hour, conducted by Rev. L. A. North, assisted by children from the Oxford Terrace Baptist Sunday school.
 6.15 : Chimes.
 6.30 : Relay of Evening Service from the Oxford Terrace Baptist Church. Preacher: Rev. L. A. North. Organist: Mr. W. Melville Lawry. Choirmaster: Mr. Vic Peters.
 7.45 : Selected recordings.
 8.15 (approx.): Relay of programme from 4YA, Dunedin.
 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, JANUARY 10.

- 3.0 : Chimes. Selected recordings.
 5.30 : Children's song service, conducted by Big Brother Bill.
 6.15 : Instrumental recordings.
 6.30 : Relay of evening service from St. Paul's Anglican Cathedral. Preacher: Canon E. R. Nevill. Organist and choirmaster: Mr. E. Heywood.
 7.45 : (approx.): Instrumental recordings.
 8.15 : Relay from the Dunedin Town Hall of Organ Recital by Dr. V. E. Galway, assisted by vocal artists.
 9.30 : From the Studio:—
 Bass solo—Mr. F. E. Woods, (a) "From Oberon in Fairyland" (Slater); (b) "The Bandolero" (Stuart).
 Violin solo—Mr. Maitland McCutcheon, (a) "L'Abeille" (Schubert); (b) "Palme" (Fibich).
 Soprano solo—Miss Clare Dillon, (a) "Caro Nome" (Verdi); (b) "Has Sorrow Thy Young Days Shaded" (Moore).
 Violin—Mr. Maitland McCutcheon, "Sonata in F Major" (Beethoven) (for violin and piano).
 Bass solo—Mr. F. E. Woods, "I Triumph, I Triumph" (Carissimi).
 God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, JANUARY 10.

- 7.0 to 8.15 : Church relay.
 8.15 to 10.0 : Studio concert.

Useful Tips

WHERE pick-up leads must necessarily be long it is a good plan to incorporate an audio transformer with short wiring from its primary to the grid circuit so that the long leads to the secondary are decoupled from the valve.

WHEN dealing with R.F. amplification, "B" current is small, so there is no danger in pulling out the R.F. grid-bias plug and trying different tappings while the set is on.

WHEN using flex leads to carry the heater current in an all-electric receiver, be sure that it is possible to do this without dropping the heater voltage.

WHEN adjusting a double crystal type of detector always draw the adjusting control knob back before attempting to find a fresh surface, as in this way you avoid scraping the two crystal surfaces together.

WHEN a condenser intended to be used for ordinary D.C. supply is being tested, the test voltage should be at least twice the normal supply voltage. For condensers to be used with alternating current mains the test voltage should be at least three times the value of the alternating voltage across the condenser.

WITH audio valves, and particularly with power valves, it is important always to switch off the set before adjusting the grid-bias plug in its battery.

THE use of "armoured" twin flex for pick-up leads (in which the covering can be earthed) is frequently effective in removing hum.

GOOD contact is particularly important in a crystal set where resistance losses can be serious in the aerial or earth circuit.

WHEN considering valves of similar characteristics, remember that, generally speaking, the one with the highest mutual conductance is the best.