

Concert Programme.

- 8.0: Selection, Christchurch Salon Orchestra, "Country Girl" (Monckton).
 8.11: Recording, Pantomime Company, "Dick Whittington" (Arthurs).
 8.23: Piano Improvisation, S. G. Hoskins, "Wraps Odium" (Hoskins).
 8.28: Recording (humour), Sandy Macfarlane, "I'm Eighty in the Morning" (Macfarlane).
 8.31: Concertina Duo, Theo and Frances Gunther, (a) "Underneath the Mellow Moon" (Hall); (b) "Memory Lane" (Conrad).
 8.37: Baritone, K. Murray Fountain, (a) "I Love the Moon" (Rubens); (b) "Old Black Joe" (Stephen Foster).
 8.43: Recording (whistling), Margaret McKee, "Spring Song" (Mendelssohn).
 8.46: Song Melodies, Salon Orchestra, "Waiaata Maori" (Hill); "Kamate" (Hikiroa).
 8.53: Recording (contralto), Grace Hayes, "Do You Mean It?" (Lyman).
 8.56: Recording, Arnold Johnson and Orchestra, "Radio Impressions" (Johnson).
 8.59: Recording (banjo), Ernest Jones, "The Kilties" (Grimsbaw).
 9.2: Weather report and notices.
 9.4: Suite, Salon Orchestra, The Jevington Suite, (a) "Jewington Fields"; (b) "On Jevington Down"; (c) "Jevington Jig" (Loughborough).
 9.13: Recording, The Tahiwi, "Aroha" (Te Rangī Pahi).
 9.16: Recording (guitar), Len Ellis, "Souvenirs" (Nicholls).
 9.19: Piano, S. G. Hoskins, "Improvisation on Popular Melody" (Hoskins).
 9.24: Recording, Light Opera Company, Gems from "Rio Rita" (Romberg).
 9.28: Concertina Duo, Theo and Frances Gunther, "Dream Thoughts" (Moss).
 9.32: Baritone, K. Murray Fountain, "Little Town in the Old County Down" (Saunders).
 9.36: Recording (contralto), Marie Morrissey, "When Twilight Comes" (Horne).
 9.39: Recording (whistling), Margaret McKee, "The Call of the Angels" (Walton).
 9.41: Recording (yodelling), Andreany, "Echoes of the Tyrol" (Servan).
 9.44: Salon Orchestra, "Lilac Time" Waltz (Schubert, arr. Clutsam).
 9.52: Recording, Ensemble, "The Merry-makers' Carnival" (Haenschen).
 10.0: Sports summary.
 10.10: Dance programme.

4YA DUNEDIN. 650 kc.
Saturday 28.

- 1.30: Relay. Description of Rugby Football from Carisbrook.
 1.30: Sports results.
 5.0: Children, by Aunt Anita.

Dinner Music.

- 6.0: Grand Symphony Orchestra, "The Tea House of a Hundred Steps" (Yoshitomo). J. H. Squire Celeste Octet, "Memories of Chopin" (arr. Willoughby). Organ, Edward O'Henry, "Ca' C'est Madrid" (O'Henry).
 6.16: San Francisco Symphony Orchestra, "Valse de Concert" (Glazounov). De Groot and His Orchestra, "Carmen—Selection" (Bizet).
 6.31: Berlin State Opera Orchestra, "Der Rosenkavalier — Waltz" (R. Strauss). Royal Opera Orchestra, "Prelude 'The Huntress'" from "Sylvia Ballet" (Delibes).
 6.47: Grand Symphony Orchestra, "Japanese Cherry Blossom Festival" (Yoshitomo). Berlin State Opera House Orchestra, "Dance of the Hours" ("La Gioconda") (Ponchielli). Organ, Ed-

ward O'Henry, "Chant Sans Paroles" (Tchaikowsky).

7.0: News and reports.

Concert Programme.

- 8.0: Relay of Programme from 3YA, Christchurch.
 10.0: Sports summary.
 10.10: Dance music.

Questions and Answers

(Continued from page 10.)

crosses the base line. Place the straight edge on "B" at the gauge of wire to be used. The figures on the left denote the number of turns to the inch for this particular gauge of wire. The straight edge is taken through the mark on the base line and at "C" indicates the number of turns and at "D" the length of the winding in inches. This will tell you only the details of the secondary winding. The primary and tickler have to be computed by other methods. For an aerial coil the primary can usually be considered to be one third of the secondary and without any further information the same is true for the primary when used in a split primary circuit or other orthodox circuit with a triode valve. The tickler depends upon the size of the condenser, but, for a .0002, is about the same size as the primary. Smaller and larger sizes require more or less turns respectively. 2. PT2 and S21 are suitable for the "DX Two."

McCABES RADIOS

OFFER THE FINEST
N.Z.-BUILT ELECTRIC SETS.

3-valve	£29 10 0
4-valve	£12 10 0
6-valve	£18 10 0
7-valve	£22 10 0

McCABES RADIOS,
Newton, Auckland.

Send 2d. in stamps for
Free Price List.

Electric Lamp House,
Ltd.,
27 Manners St., Wellington.

ILLUSTRATE Your Goods and SELL Them

Those who buy for the home, farm, office or factory have one thing in common. They usually buy the things that look best for the price. Whether their buying is influenced by newspaper advertisement or catalogues they purchase the goods pictured and described to the best advantage.

Your product can be successfully pictured if you use "Dominion" illustration blocks. Made by craftsmen who know how to produce the best results for every class of printing, they give unusual satisfaction. Let us help you with your illustration problems.

"The Dominion" Process Engraving Dept.

WELLINGTON

Day and Night Service

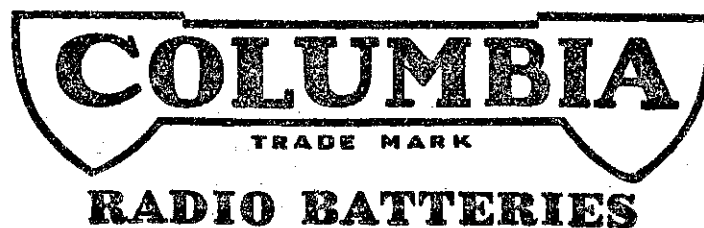


Vic Johns says
"COLUMBIA
beats them all"

Vic Johns, Director of Johns Ltd., oldest radio firm in Auckland—if not in New Zealand—and owners of Station 1ZJ.

Vic Johns says: "We recommend Columbia Batteries every time. We use them at 1ZJ and know they can't be beaten for long service. Columbia keeps up a larger power output longer than any other battery. We have tested all makes and Columbia beats them all."

Columbia Layerbilt Batteries are built of flat layers of current-producing materials. Every cubic inch is utilised. They're packed with power. Columbia Batteries bring volume, clarity and distance to your radio, but their greatest appeal is their LONG LIFE.



Factory Representatives:
ELLIS & COMPANY LTD.,
Chancery Chambers, O'Connell Street,
Auckland.