

tuning dials, and does not employ reaction.

In the combination class, Selectra Radio can offer a most interesting model. This in appearance is quite equal to the American receivers, and for tonal qualities would be hard to excel. It contains six valves, 226's in radio and audio amplifiers, a 227 and a 245. An Epoch dynamic speaker ensures perfect reproduction over a very wide musical scale. Again two dials are employed. The electric motor is built in the top of the cabinet, as is done with American receivers. A Webster pick-up is used.

As well as complete receivers, a few components will be shown. A blue spot magnetic speaker, in a very handsome and unusual type of cabinet, will be displayed.

The A.C. Six comprises 226's, 227's and a 171 as power valve. This model employs single-dial control, and is contained in a Console. Small coils in the radio circuits bring the set into line with the latest conceptions of set design.

Stand No. 17.

COSSOR RADIO PRODUCTS.

THE name Cossor has become very well-known in New Zealand during the last season. As agents for the North Island, Radio, Ltd., have arranged to have a very complete display of these products during the exhibition. The well-known Cossor Melody Maker in both kit set and assembled form, will be on view. The Cossor in its short period in this country has created an excellent record, and many who have heard of it and have not yet seen it, will have an excellent opportunity in the exhibition.

Among the components will be the Cossor audio-transformer. This small piece of apparatus may be fitted into any radio receiver with excellent results. It is finished in handsome crystalline, with the designations of the terminals clearly marked.

Cossor valves of the new types will be on exhibit. Of these, there are three main divisions: 2, 4, and 6 volt, including high-frequency, detector, audio-frequency, and power valves. In addition, there are the screen-grid and the pentode. It is announced that 4-volt heater type A.C. valves will soon be making their appearance on our market. These will be readily looked forward to by all who have had experience in any of the Cossor products.

Stand No. 18.

AMALGAMATED WIRELESS (A'SIA), LTD.

A VERY comprehensive display of A.W.A. products will be on view at this stand. Outstanding among these will be the Marconi moving coil speakers and cones. The Marconi moving coil speaker has an entirely new system of double suspension. This assures perfectly parallel movement of the coil at all times, which gives exceptional freedom of motion and absolute freedom from side play. The edge of the cone is unrestricted but carries a light ring of felt which prevents circulation of air waves from one side of the diaphragm to the other. Another electro-dynamic speaker is the RCA 106. Its operation requires no more power from the receiving set than an ordinary loudspeaker of the magnetic type. It is extremely sensitive, and at the same time is capable

of handling a great volume without either distortion or rattle. The cabinet is highly original, yet rich in its simplicity. It is beautifully finished in walnut, and panels of embroidered toile enables it to harmonise with any home furnishing. The speaker operates directly from the alternating current.

For those who find it inconvenient to use a moving coil loudspeaker, the ROA 103 has been developed. The artistic appearance of this speaker is as completely satisfying to the eye as its performance is to the ear. Every semblance of a mechanical device has been eliminated from the attachment. A beautiful tapestry medallion conceals the mechanism of the speaker, and completes the decorative design of the instrument.

Other interesting exhibits will be AC amplifiers embodying the famous UX245 specially built for the amplification of gramophone music when a pick-up is employed. There will be also 2-valve AC amplifiers with rectifiers for adding to a crystal set.

Stand No. 19.

SPEEDING, LTD.

ON this stand will be seen four main groups of items of interest: Magnavox X-core dynamic speakers, Burgess radio batteries, Mullard valves, speakers, and transformers, Webster gramophone pick-ups and amplifiers.

The exhibit of Magnavox X-core dynamic speakers include all the latest models, together with several news and very tasteful cabinets. To all radio enthusiasts this exhibit will be of particular interest. The Burgess battery display will have several items of particular interest, including one in which the construction of the radio battery is clearly shown. In this connection it is of particular interest to note the massive construction of the individual cells which go to form the famous Burgess super-batteries. Mullard valves and speakers will be well portrayed, and a special feature of interest in this direction is an exhibit of the complete process of manufacture of a Mullard radio valve. This will be exceedingly attractive to all radio enthusiasts who will find the progressive construction of these all-British valves to be extremely interesting. A very interesting exhibit showing the extreme sensitivity of the Webster amplifiers and their enormous amplifying capacity will be shown, and will undoubtedly prove attractive and instructive to all who visit this stand.

Demonstrations of a practical nature, one, in particular being very fascinating, will be made on this stand, and altogether it is certain to be well supported by the visitors to the Radio Exhibition.

Stand No. 20.

FARMERS' TRADING CO.

THIS stand will be featured by a very complete exhibition of A.W.A. products. These will include the latest developments in complete all-electric sets. Radiola 33 employs a perfectly-balanced RCA, tuned radio frequency circuit consisting of three stages of radio frequency, detector and two stages of audio amplification. The design is somewhat different from the conventional. Model 44 Radiola represents the modern trend in radio receivers. It includes the new AC screen grid radio-tubes, and the new power valve UX

RADIO DIRECTORY

What to Buy and Where

CITIES

- AERIAL MASTS** Domestic Radio Co., Ltd.,
300 Queen Street, Auckland.
- ALTONA & HAMMARLUND-ROBERTS SETS.** Johns, Ltd.
Chancery Street, Auckland.
- AMPLION LOUDSPEAKERS** - All Radio Dealers.
- BURGESS RADIO BATTERIES,** All Radio Dealers.
- CROSLY RADIO** Abel, Smeeton, Ltd.,
27-29 Customs St. E., Auckland.
- CROSLY RADIO RECEIVERS** G. G. Macquarrie, Ltd.,
120 Willis Street, Wellington.
- CROSLY RADIO** Abel, Smeeton, Ltd. Rep.: G. MOSES,
James Street, Whangarei.
- DAYTON All-Electric Radio** Superadio, Ltd.,
147 Queen Street, Auckland.
- EMMCO RADIO PRODUCTS** Johns, Ltd.,
Chancery St., Auckland.
- EMMCO RADIO PRODUCTS** Thos. Ballinger & Co., Ltd.,
Victoria St., Wellington.
- EMMCO RADIO PRODUCTS** L. B. Scott, Ltd.,
Worcester St., Christchurch.
- KING RADIO RECEIVERS** F. J. W. Fear & Co.,
68 Willis Street, Wellington.
- LISSEN RADIO PARTS AND KITS** All Radio Dealers.
- LOUDSPEAKER AND TRANSFORMER REPAIRS** A. E. Strange,
404 Worcester Street, Christchurch.
- MAJESTIC RADIO RECEIVERS** Kirkcaldie & Stains,
Chief Wellington Agents, Lambton Quay.
- MULLARD VALVES** All Radio Dealers.
- PILOT 1930 PARTS AND KITS, ETC.** Abel, Smeeton, Ltd.,
27-29 Customs Street East, Auckland.
- PILOT 1930 PARTS—PILOT SUPER WASP KITS, GILFILLAN, KELLOGG and ATWATER KENT SETS** Harrington's, N.Z., Ltd.,
138-140 Queen St., Auckland.
40-42 Willis St., Wellington.
- RADIOLA RECEIVERS and Expert Radiola Service.** Farmers' Trading Co., Ltd.,
Hobson Street, Auckland.
- RADIO REPAIRS AND SERVICE** E. G. Shipley,
185 Manchester Street, Christchurch.
- WILCOX ELECTRIC RADIOS** Royds-Howard Co.,
553 Colombo Street, Christchurch.

COUNTRY TOWNS

- CROSLY RADIO** J. C. Davidson,
Main Street, Pahiatua.
- CROSLY SETS** Abel, Smeeton, Ltd. Rep.: C. Ruscoe,
403 Devon Street, New Plymouth.
- CROSLY RADIO** D. A. Morrison & Co.,
Victoria Avenue, Wanganui.
- MAJESTIC ELECTRIC RADIO** Berryman's, The Home of Music
Palmerston North.
- MAJESTIC, ATWATER-KENT AND RADIOLA ELECTRIC SETS** Radio House, Hamilton.
G. S. Anchor, Manager.
- PHILIPS VALVES AND APPARATUS** All Good Radio Dealers.