

meter than the cone. A quarter-inch is turned flat all round the edge of the cone, and to this is attached leather

cut to the correct curve, in strips 1 in. wide. The outside edge of leather is then glued to the edge of the hole in baffle.

A 4 by 1 strip is screwed to top and bottom edge of back of baffle, and to this is secured a similar strip to hold the unit at the correct distance behind the cone. The unit is clamped to the strip with a cross-piece of wood and a screw. Either side of the cone may face the front.

To Help the Constructor.

THE constructor should be thoroughly satisfied with the new "Guide." Sets and accessories receive the fullest attention. Here are some of the excellent constructional features—crystal sets and amplifiers, the four-valve B.D., the B.D. with parallel feed, the Instage R.F., B.D., the adapted screen grid B.D. (single dial control with trimmer), a two-foot cone, speaker, power transformers, A battery charger, B eliminator, and theoretical circuits of the most popular "Record" circuits, and including the A.C. Browning Drake and the A.C. neutrodyne.

Valuable Lectures from 1YA

WHAT is really needed, but difficult to obtain, has been accomplished by the management of 1YA. Commencing from May 2, a fortnightly series of talks will be delivered during the children's session on "Vocational Selection." These talks will be of general interest both to the parents and to the elder boys and girls. The first talk will be on "The Church" and the second "Medicine." Leaders in each profession will speak in these lectures so that they will be invaluable to the younger folk or to those interested in their career.

The Finer Details of Radio.

IT is regretted that "Finer Details" have been held over for a few issues, but readers can look for its reappearance next week, when a series of articles on "Thermionic Valves" will be commenced. These will deal with valves under the following heads:—

1. As Amplifier.
2. As Detector.
3. As Screen Grid and Pentode.

IF one of the plugs from an accumulator is lost do not block up the hole with a cork or wooden stopper, but drill a small hole in this, or otherwise the gases formed inside the cell will have no opportunity to escape.

BEFORE commencing to build a new set, it is an excellent plan to run over your screw-drivers and make sure the edges are not blunt, as a little treatment with a file may prevent a slip and a consequent bad scratch.

RADIO DIRECTORY

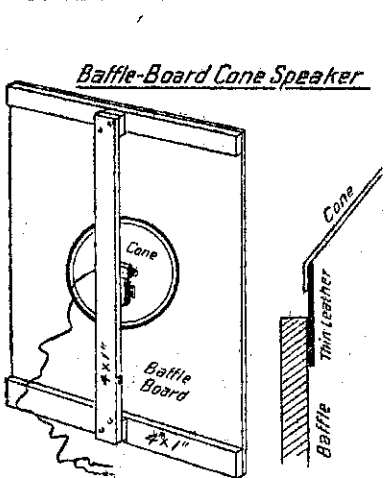
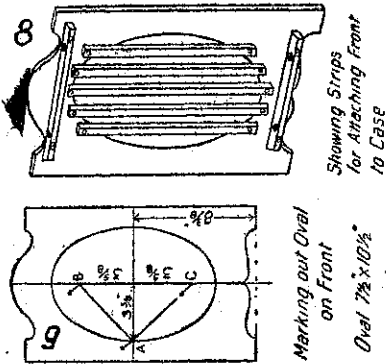
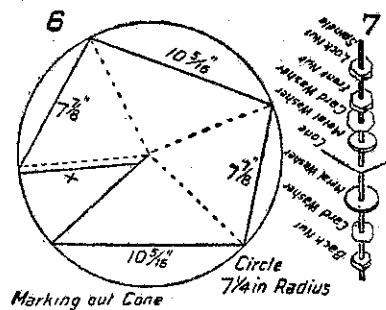
What to Buy and Where

CITIES

- | | |
|--|---|
| ALTONA & HAMMARLUND. | Johns, Ltd. |
| ROBERTS SETS. | Chancery Street, Auckland. |
| ATWATER-KENT RADIO | Frank Wiseman, Ltd. |
| | 170-172 Queen Street, Auckland. |
| BREMER-TULLY RADIO | Superadio, Ltd., |
| | 147 Queen Street, Auckland. |
| BURGESS RADIO BATTERIES, | All Radio Dealers. |
| CROSLEY RADIO | Abel, Smeeton, Ltd., |
| | 27-29 Customs St. E., Auckland. |
| CROSLEY SETS | Lewis Eady, Ltd., |
| | Queen Street, Auckland. |
| DOMESTIC VACUUM AND P.R. AERIAL MASTS | Radio Co., Ltd., |
| | Strand Arcade, Auckland. |
| FERRANTI RADIO COMPONENTS | A. D. Riley and Co., Ltd. |
| | Arae Ave., Auckland, and all leading dealers. |
| GREBE RADIO | Howie's, |
| | Dilworth Building, Custom St., Auckland. |
| MULLARD VALVES | All Radio Dealers. |
| PREST-O-LITE. Car and Radio Battery Service | L. J. Purdie & Co., Ltd. |
| | 97 Dixon Street, Wellington. |
| RADIOLA RECEIVERS and Expert Radiola Service. | Farmers' Trading Co., Ltd., |
| | Hobson Street, Auckland. |
| T.C.C. CONDENSERS | A. D. Riley and Co., Ltd. |
| | Arae Ave., Auckland, and all leading dealers. |

COUNTRY TOWNS

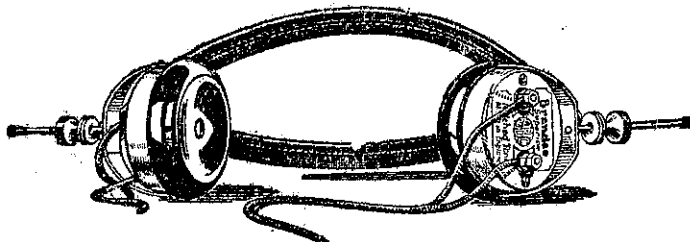
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|---|----------------------------------|
| CROSLEY RADIO | J. C. Davidson, |
| | Main Street, Pahiatua. |
| CROSLEY SETS | F. H. Jellyman, Ltd., |
| | Devon Street, New Plymouth. |
| CROSLEY RADIO | D. A. Morrison & Co., |
| | Victoria Avenue, Wanganui. |
| MAJESTIC, ATWATER-KENT AND APEX ELECTRICAL SETS. Also Bremer-Tully, Radiola and Browning-Drake | Radio House, Hamilton. |
| | G. S. Anchor, Manager. |
| PHILIPS VALVES AND APPARATUS | All Good Radio Dealers. |



Baffle-Board Cone Speaker

Brandes

The Name to know in Radio



Made in England
Price 15/-

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INTERNATIONAL RADIO Co. Ltd., Ford Bldgs., Wellington