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What precision! It's evident to anyone who examines one of the new Osram 2.5 Valves that their construction is out of the ordinary. What reception when you put them in your set. Not the slightest trace of microphonic noise — only pure, clear tones from the highest to the lowest registers.

The complete range of Osram Valves, including the following 2.5 Volt Series, is available at your radio dealers — MY 224, MY 227, MX 245, MX 280.

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2.5
ac
Valves

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BRITISH GENERAL ELECTRIC CO. LTD.

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MY 227 is a recently developed Detector or first-stage Audio Valve, with indirectly heated Cathode for A.C. Sets. Non-microphonic.

cathode valves, a.c. long life valves quick heating 277 (it takes only seven seconds for them to come into operation) and the a.c. screen-grid valve. The latest valves, variable mu, and pentodes, are, too, now being manufactured by Arcturus. Arcturus valves can be seen in many of the sets in the exhibition, notably the Clarion, Atwater Kent, and the Philco.

Philips

SEVERAL new type valves have been recently added to the Philips range lately. The first, E442S, is a screened grid valve, differing chiefly from the E442 in that it has an appreciably lower impedance. It is excellent for use in radio-frequency stages, and may also be used with advantage as a detector or first audio valve.



The next, the E406, has been on the New Zealand market for some months, but is worthy of mention because of its phenomenal characteristics. It has a slope, and an amplification factor, of 6, and at a bias of only 24 volts will deliver 2 watts undistorted output. It is an ideal low impedance valve for a single stage.

The F443 is a new 500-volt pentode, which with a negative bias of 30 volts draws 45 in A. Its undistorted output is 10 watts. A new power valve, the C606, is the equivalent of the Osram P625. Among an up-to-date range of Philips transmitting valves recently landed are two, a 5 and a 10-watt type, which have already proved very popular among amateur transmitters.

Mullard

A WIDE range of Mullard valves is produced by the Mullard factories in England. The range now available

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includes not only the improved version of the familiar Mullard types, but complete ranges of American replacement series and 4-volt a.c. valves. Some of these latter valves incorporate the newest ideas developed in British laboratories on valve manufacture. There is a wide range of rectifying valves for high voltage rectification and several pentodes available in 2, 4 and 6 volts. New power pentodes will be available this season.

Radiotron Valves

PROMINENT among the latest Radiotron receiving valves recently landed in New Zealand by Amalgamated Wireless, A'sia, Ltd., is a new series of 2-volt valves—the 230, 231 and 232. These are very economical on both "A" and "B" battery current, give long service, and are altogether a new development.

The 230 is a general-purpose valve suitable for use as detector, intermediate audio frequency amplifier, or radio-frequency amplifier.



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