

# Wellington's Third Radio Exhibition

## Maori Entertainers To Be Present



HERE is much to be seen at this, the third Radio Exhibition, that has been held in the capital city. It will be remembered that the first Wellington Exhibition and the second New Zealand Exhibition was organised by the "Radio Record" and held in the Wellington Town Hall, in July, 1929. Its undoubted success impressed both the radio trade and the public, and it was clear that similar exhibitions could well be arranged annually, at least in Wellington. The following year the show was organised by the dealers, who achieved equal success. This exhibition was notable because of the attendance of the Wanganui Maori party, a combination which was declared to be one of the best that had visited Wellington. A Maori setting was adopted for the whole show, the stands being decorated in approved Maori style, with New Zealand scenery in the backgrounds.

This year a similar note will be struck, and both stands and stage will be effectively decorated. A Maori party from Otaki, far renowned as entertainers, will provide the evening entertainment, whilst visitors will also have the opportunity of hearing the transmissions from the studio reproduced by the receivers in the hall. The second part of each evening's broadcast entertainment will be from the studio, though the Maoris will still entertain at the Town Hall.

As far as the exhibits are concerned, there will again be the variety that has been the feature of previous shows. There will be midgets and midget superheterodynes, small and large sets, gramophone and short wave combinations, battery sets, and parts.

Probably most in evidence will be the midget set, in all its varied forms. The popularity of this set has been almost instantaneous, for at this time last year there were not more than two or three makes; but this year almost every stand will boast of one or two of them. The latest achievement of radio engineers in this direction has been the application of the superheterodyne principle to the mantel set, and the result has been a compact but remarkably efficient set. Of these we know definitely that Radiola, Atwater Kent, Silver Marshall and Majestic will be displaying examples. As triumphs of

engineering they are well worth inspection; as an investment for radio reception they call for serious attention.

There will be many other midgets, some, e.g., the Crosley models offered for sale for less than £20. This is in sharp contrast with the exhibitions of a couple of years back, when the complaint was made that there was nothing for sale under £50.

Small sets are no doubt the vogue, for not only are the mantel sets demanding a great deal of attention, but there are the smaller sets, such as the Philips and the Radiola 45E, both employing four valves. In common, these sets employ two screen-grid valves, but the former also employs the pentode, a valve with rather remarkable capabilities. The latest Philips set, 2811, is a de luxe combination using a 400-volt pentode. The average American set employs the 245 power valve, which requires 240 volts. Talking of small sets, one must not omit to mention the Gulbransen Minuet, a large set in a small compass.

TWO or three of the sets exhibited, e.g., Majestic and Radiola Midget, employ the new "variable mu." valve, an entirely new development, which is claimed to be far ahead of anything of its kind. It will be interesting to hear sets equipped with these valves in operation, though it must be conceded that the attendants will have little opportunity of demonstrating the capabilities

this connection, it might be remarked that at the exhibition, the Gulbransen combination is to be seen. This employs the superheterodyne principle, but the ordinary method of connection is used in the Ultimate which will be shown on Nimmo's stand. It not infrequently happens that short and long wave sets and gramophone are combined in the one set.

some of these should prove of great interest to the radio constructor. Harringtons are showing Pilot products.

A FORECAST of the show would not be complete without comment on the activities of the amateur transmitters or "hams," as they are called. As in previous years, they will transmit messages from the exhibition building. Literally thousands of messages have been sent from the exhibitions all over the world by amateur hook-ups.

On Saturday night presentations will be made to the three amateurs who distinguished themselves in the Hawke's Bay Earthquake. No doubt their names are still fresh in the memories of listeners: Mr. J. E. Taylor, of Napier (2GE), Mr. Mills, of Hastings (2BE), and Mr. Hands, of Gisborne (2FF). The presentation will be made by the local hams, on behalf of the Society of Amateur Transmitters.

From all angles, then, it would seem that the Wellington show will be most attractive, not only to those who are interested solely in entertainment, but also to those who are interested in the technique of radio. Remember the dates, Wednesday, Thursday, Friday and Saturday of this week, and do not fail to pay at least one visit to Wellington's third Radio Exhibition.

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### The Stands Allocation

1. Amateur Transmitters.
2. Abel Smeetons (Crossley).
- 3 and 4. Hope Gibbons (Stewart Warner).
- 5 and 6. C. and A. Odlin (Atwater Kent).
7. Pinny's (Majestic).
8. Harrington's (Pilot).
9. H. W. Clarke (Gulbransen).
10. Ballinger's (Silver Marshall).
11. Nimmo (Ultimate & Radiola).
12. A.W.A. (Radiola).
- 13 & 14. Philips Lamps.
15. Crawford & Finlayson (Lyra-tone).
16. J. Turner (Airline).
17. Radio Record.

owing to restrictions imposed by the situation of the building.

MUCH entertainment is now being broadcast on short wave. It is not to be wondered at that the new sets cater for this aspect of radio. Several manufacturers are turning out converters to be placed before the ordinary sets to adapt them for short wave work, and in

### Otaki Maori Party

#### Personnel of Company

##### Women:

Mrs. H. te Hana (Chaperon and Poi Leader); Mrs. H. Roiri (Soloist); Miss Greenell (Mrs. H. Wereta) (Soloist); Miss Weno Tahivi (Soloist)

##### Poi Girls:

Henerieta Kerei, Kahu Ranapiri, Taihanga Hakarara, Amokura Kiriona, Hohepine Hamahona, Taka Ropata, Riria Warahi, Rangi Kemara.

##### Men:

Hoani Wereta (Musical Director), Honare Tahivi (Soloist), Tewiata Nikora (Soloist), Wiperahama Nikora, Arohanui Kiripeti (Instrumentalist), Hanea te Hana (Instrumentalist), Hemi Rikihana (Violinist), Mita Honatana, Pirika Hakarara, Pita Awatere, Papi Nikora.

Examples of this are to be seen in the Ultimate and the Gulbransen.

The radio constructor will be interested in the display of parts, for it is understood that Ballingers and Harringtons will be showing some of the newer components. Ballingers will be specialising in Silver Marshall products, and

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