

popularity of radio. This last show has been no exception. Yet in another sense it has been a great exception, for this year's advance has been far greater than any previous.

The novelty of broadcasting may be wearing off, but the people are settling down to recognise radio as an essential.

In its splendour this exhibition has surpassed everything of its kind. Exhibitors have made use of every possible device to attract attention. Long before the show was reached silent mystery men, robed as members of a sinister brotherhood, moved among the thronging crowd, calling attention to a certain mystery stall. Attractive girls, attired in characteristic costumes moved among the crowd, "and," as a publication remarks, "young men and old men are radio enthusiasts, and young men and old men will turn their heads to see—" (the name of a popular valve). Mechanical men, almost Robots, attracted attention; in fact, it was almost impossible to carry out a systematic survey, so numerous were the dazzling exhibits with their undeniable attraction.

General Tendencies.

IN a previous article moving coil speakers, pentodes and screen grid valves were mentioned. These were the prominent features, the big features that are to distinguish this year from last year.

The reduction of the royalties has no doubt meant the lifting of a repressing hand and everywhere the greatest incentive has been given for the small set owner to increase the size of his set and bring in some of the delightful programmes from overseas.

Constructors.

GREAT incentive has been given to constructors. At one time to construct a set one had to have some technical knowledge, plenty of time and patience, as well as have a good supply of tools.

In this year's models even the blue print is done away with. An illustrated booklet takes any constructor

through the intricacies or should it be said, simplicities of assembling a shield grid set in a handsome cabinet. Every piece of wire is shown cut to length in one particular diagram.

Television apparatus procurable for £180 and a Fultograph receiver were on view. This is the first year of their introduction, and it promises to be a record year, especially for the Fultograph. Television is to follow.

The British Broadcasting Corporation had a fine exhibit to which they charged twopence admission, the proceeds being in aid of charity. It depicted the evolution of music, commencing with a tableau of early man sitting listening to a bubbling brook, and to the song of a bird. The final tableau represented the modern home. It is said that it took an hour to inspect the exhibit—half an hour of waiting in a long queue, the remainder examining the exhibit.

HORN type speakers were conspicuous by their absence, the tide of public opinion having swung to the moving coil and cone type, which tend to accentuate the bass notes. Horn types when present were represented by the famous exponential type—those with a long tapering column.

The stalls where mains units were displayed were very popular, as were the all-electric sets. The general trend for those who are in the position is to substitute batteries by eliminators. These are becoming cheaper and more efficient. In fact, the keynote of the whole exhibition was simplicity with cheapness, though by no means at the expense of quality.

"Popular Wireless," an enterprising English technical journal, had a large stand on which it displayed models described through the magazine, and their technical staff was in attendance to help amateurs to solve their difficulties. Some people had travelled hundreds of miles "Just to see 'Popular Wireless' itself."

For DX Men.

WHILE the majority of the manufacturers sought to cater for the family who wanted reliable entertainment, yet the DX man was not for-

gotten. He had been provided for by a series of new models of components, ball-bearing condensers, accurate vernier dials, carefully made grid leaks and resistance. High-resistance potentiometers ranging from .5 to 5 megohms tend to replace rheostats. Numerous kits by reliable makers were on view. These contain every part necessary for the making of a sensitive and selective apparatus, and the instructions that accompany them are so clear that it is almost impossible to go wrong.

The exhibition has created great interest the world over and promises to usher in the greatest radio year the world has yet known.

Weather Forecasting

(Continued from page 5.)

Everyone, to a greater or less extent, is interested in the weather, and although most people may not have the time or the desire to acquire a sufficient knowledge of meteorology to enable them to apply it to their own use, there are others, such as farmers and those connected with shipping to whom the subject is especially important. It is essential, therefore, for them to acquire a general knowledge of weather science which will help them to make intelligent use of such information as the Meteorological Office, from its widespread organisation, can supply, and which it is anxious that they should have.

The Weather Report

NUMBERS of backblock farmers in remote districts have radio, and those who have not, eagerly go to those who have, for news from the city "Rain-maker." A retired Australian signaller two years ago installed a set in his son's place up country, and now every "cocky" for miles round has a set. To a man like that, 9.0 p.m. means something more important than bed time. It is then that the weather man has his say. Sometimes the forecast has its grimly humorous side, for on one occasion the young farmer referred to got news of the early approach of rain. Though tired after a long day's work, he turned out with his brother, and with head lights on two tractors, worked all through the night, sowing. And the rain did not come! The weather reports provided through the services of broadcast stations are of inestimable value to the man on the land. In the city, what the clerk of the weather says simply indicates what milady shall wear; but in the country it prophesies whether there shall be the wherewithal to buy the frock, or not.

COMMANDER Richard E. Byrd, leader of the Byrd Antarctic expedition, will be the first explorer to equip his exploration parties with portable short-wave radio sets.

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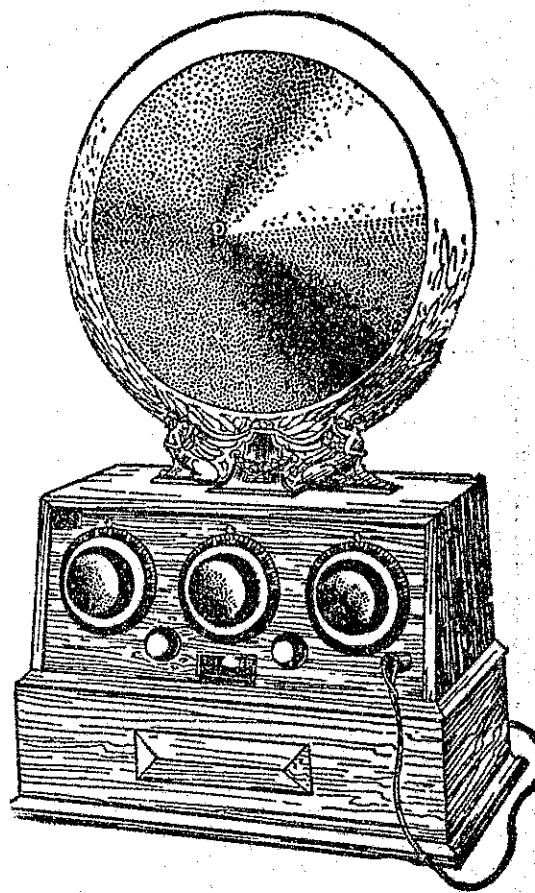
The "Courier 4" is the only set of its kind sold in New Zealand—another has not been built that is so simple to operate. Broadcast wave-length reception can be changed to low-wave length by just the mere flick of a switch—no complicated apparatus to confuse the novice or the expert; and plug-in coils eliminated, two outstanding features that make the "Courier" as easy to operate as a gramophone.

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