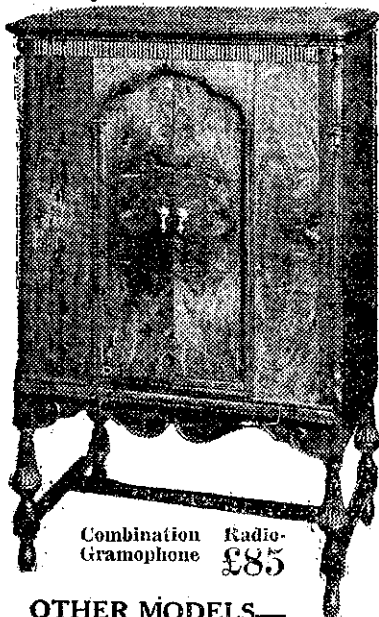


## An Invitation TO ALL CAREFUL RADIO BUYERS

**BEFORE** buying any radio, you want to know whether it will give you perfect reception — **ALWAYS**. Gulbransen invites you to make direct comparison of the Gulbransen precision-built, screen-grid radio with all others. And then Gulbransen invites you to question your dealer regarding our methods of manufacture—ask him what **PRECISION** means with Gulbransen—let him tell you why the Gulbransen has 22 features of quality necessary for fine and lasting radio performance. He will tell you the truth that only the Gulbransen has all 22! You will be amazed that so much can be bought for so little. You will realize why the Gulbransen is content to rest its claim of supreme quality and performance with your own good judgment—why the Gulbransen challenges any comparison, and welcomes any test. Please visit your dealer to-day.



Combination Radio-Gramophone **£85**

**OTHER MODELS—**  
LOWBOY (radio only) **£50**

HIGHBOY (radio only) **£55**

**GULBRANSEN**  
PRECISION-BUILT RADIO  
Manufactured Complete by the World's  
Largest Maker of Planos.  
Factory Representatives:  
**H. W. CLARKE LTD.,**  
WELLINGTON.

## The Flying Squad

THE value of wireless for police work has proved so great that Scotland Yard, the principal British detective headquarters, is planning an extension of its present radio organisation. The famous "Flying Squad" has been equipped with a number of fast motor-cars which are fitted with wireless to enable them to maintain constant wireless touch with Scotland Yard. By this means every district within the 700 square miles of the Metropolitan Police area is patrolled throughout the day and night and the exchange of wireless messages between the patrolling cars and police headquarters sends the cars and their expert personnel hurrying to the scene of any crime or on the track of an escaping criminal. Viscount Byng, the London Police Commissioner, recently made a secret test of the efficiency of the Flying Squad's wireless organisation. He telephoned to Scotland Yard from a call office in a London suburb and asked for one of the cars to meet him at a certain rendezvous. The car, which was patrolling five miles away at the time, reported to the Commissioner four minutes after receiving the call from the wireless room at Scotland Yard. In an appreciative commentary on the value of fast cars and wireless in the war on crime, Major T. H. Vitty, engineer to the London Metropolitan Police, related that on one occasion Scotland Yard were informed that a car had been stolen at 1.5 a.m. The facts were broadcast, and by 1.15 a.m. the thieves were caught red-handed while attempting to make their escape. It is stated that in London the arrest of 60 per cent. of the bandits and housebreakers during the last 12 months have been due to the immediate agency of the wireless flying squad vans.

## Speeding Up News

RADIO has now been adapted to working automatic printing machines at widely scattered points. The device is intended to serve the purpose of facilitating the distribution of news items to newspapers. From a central bureau, all news items as collected are put out on a special wave, and those waves at the receiving points operate locked printing machines to the extent of actually working apparatus to print on sheets of paper the news received. This device has been perfected over a period of ten years, and the receiving apparatus can now be installed at a cost of £150. Application has been made to the Federal Radio Commission, U.S.A., for two specialised wavelengths outside the ordinary radio channels and commercial channels for use in connection with this apparatus. It is claimed that it is impossible for any unauthorised person to intercept the signals and interpret them. The receiving machines are locked on a definite wavelength, and cannot be interfered with when once set. This device will do away with the need for an attendant being available at the receiving point, and the machine in effect becomes a radio tape machine on an improved basis.

## Topical Notes

THE London-Sydney radio telephone service recently inaugurated with due ceremony, is conducted through 2ME, Sydney and the high-power shortwave station at Rugby. An Australian radio writer says:—"During the earlier tests the writer wondered what provision would be made to ensure getting the correct subscriber. At a distance of about 14,000 miles, when an exchange of telephone call-books will take about three months, it would not be very difficult to call an English number from a local telephone and find that the subscriber had been changed. The solution appeared remarkably simply after hearing some of the 'test' calls put through. For instance, the Sydney operator calls London, gives the number and exchange and name of the subscriber wanted, the name of the caller and the time the call is to take place, in G.M.T. first of all, followed by the same time in G.S.T. (a.m. or p.m.), and the local Sydney time as a triple check so that very little is left to chance. Each call is prefixed with a serial number and is confirmed as soon as the subscriber has been located in England."

THE London-Sydney shortwave public telephone service is being conducted so as to provide a maximum number of hours of communication at a period which will coincide with daylight at both ends. Thus the service will work for about three hours in the early morning and three hours in the late afternoon in Australia and England.

MUCH credit is due to the author of the amusing verses on radio at a farm, taken from "The Exporter," read out from 2YA, Wellington, on a recent evening. The rural versifier displayed undoubted talent which he should continue to employ.

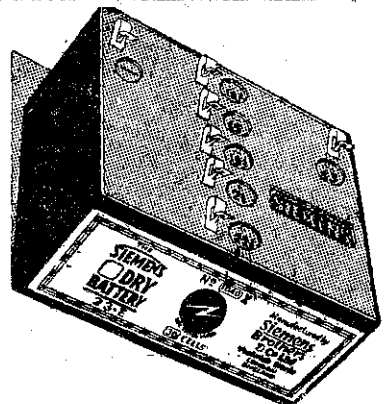
THE Melbourne "Listener In" publishes the following useful hint:—"In short wave receivers, a.c. hum may often be troublesome, even though the set be battery operated. Wherever a.c. carrying leads are installed near a receiver, be sure that they are twisted together. Failure to do this will result in very bad a.c. interference. A faulty earth connection may result in bad a.c. interference. Interference of this kind will prevent the satisfactory reception of weak short wave phone transmissions."

SHORTWAVE enthusiasts may be interested in the following hint published in an Australian radio journal:—"An experiment worth trying while listening to an overseas phone station is the earthing of the opposite end of the receiving aerial. In many instances this has been found to improve reception considerably." This is a rather unconventional plan, but someone may like to try it.

Radio Listeners' Guide, 1930 Edition.  
Dealers and Booksellers 2/6, posted 2/9.  
P.O. Box 1032, Wellington.  
Available next week.

## Publicity in England

THE New Year has opened auspiciously in England for the radio trade and for broadcasting in general. In the week from January 12 to 18 a tremendous publicity campaign, boosting the advantages of radio as a home entertainment, was staged, with the backing of all the trade associations, the Press and the listeners' organisations; and during the period vast sums of money were spent in a mass endeavour to reach a worth-while proportion of those homes which are still without radio. The spirit of the whole movement could be summed up in the terse slogan: "Go home and listen" which was featured on posters and in advertisements and window displays, all drawing attention to the special "star" programmes which were put on throughout the week. Names which meant much in the realm of popular entertainment were "billed" in every town and village throughout the country, and with them was coupled a strong intimation that these items could be enjoyed by radio. The movement resulted in a general brightening-up of radio in England, and both the radio trade and the B.B.C. profess themselves quite satisfied with the sudden increase in both radio sales and license numbers.



## Are You Satisfied?

Choose a British Battery to give you complete satisfaction. Siemens Batteries ensure perfect reception, giving you an evenness and clarity of tone that no other will do.

**SIEMENS**  
45-VOLT STANDARD  
B BATTERIES  
Are All-British

"A Necessary Adjunct to Good Radio."

From all Dealers, or Sole N.Z. Distributors:

**Cory-Wright & Salmon**  
P.O. Box 1230, WELLINGTON. P.O. Box 1650, AUCKLAND.