Service Section

problems in the care and maintenance of radio receiving

and maintenance of radio receiving sets are invited to send inquiries to the Editor of "The Listener."
Names and addresses are required. Wherever possible, replies will be given, either in "The Listener" or by letter.

DATRICK DAVEY (New Plymouth) intends to buy a radio chassis (five or six-valve broadcast), 12-inch speaker and Garrand three-speed automatic change record player, and to make his own radiogram. He asks if the above components are suitable for first-class reproduction, if they are the most economical, and if there are any special points to be watched while assembling them in a simple cabinet.

A radiogram built up with the components described should provide quite good quality reproduction at a reasonable cost. The following points may be helpful: (1) The speaker transformer must be correctly matched to the output stage of the receiver. (2) Ensure that the receiver is capable of providing sufficient volume when used with the pick-up selected. Crystal pick-ups have a fairly high output, and will generally work satisfactorily with a five or sixvalve broadcast set. This may be an important consideration if long-playing records are to be used. (3) The receiver should have adequate ventilation. It should be mentioned that to obtain the best quality of reproduction it is necessary to employ audio amplifiers designed specifically for sound reproduction systems. These amplifiers, of which there are several makes on the market, are as a rule more expensive than the five or six-valve broadcast receivers which the correspondent proposes to use.

J.M.K. (Wallacetown) is having difficulty in isolating stations. "I have been trying to pick up a programme from 4YC, but have been unable to isolate it from interference on either side of the wave-band. Now I have turned over to 3YZ at Greymouth, and the Strauss opera is coming over perfectly.

A receiver in good condition should be sufficiently selective to prevent interference between stations, providing they are not too close in frequency. In Southland, 4YC, quite unavoidably, will suffer from fading, especially at night. When it faces, the correspondent may be hearing an Australian station operating on the same frequency as 4YC.

Recipe for Enjoyment

" LIKE country as well as the birds that live in it, and I know no better way of seeing and getting to know country than by living in it and searching for birds."-G. K. Yeates, one of Britain's best-known bird photographers, talking in the BBC's West of England Home Service.

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