

I find also that the more distant the station the better the tone.

A.: It appears that your set is too powerful, and the exceptional signal strength is overloading the detector, causing distortion. For those stations on which reception is better on the harmonic, try reducing the length of your aerial, taking it off altogether, or putting the .0002 fixed condenser in series with it.

NO GO (New Plymouth): Music and speech are blurred, and a sifting noise appears in my speaker when it is called upon to handle any volume. I am using a 112 as rectifier.

A.: The 112 has probably expended its useful life. Renew it and probably your reception will improve.

2. Do you know anything about my speaker?

A.: It can be adjusted by the factory representatives (A.W.W.), Wellington, but should not be touched by anyone else.

AERIAL" (Port Chalmers): My set is a seven-valve battery-operated one. Should it be able to receive stations beyond 2YA?

A.: Yes, with an efficient aerial and earth system you should be able to get all the YA stations, all the Australian "A" class, and quite a number of the more powerful "B" class on the loudspeaker. This is provided, of course, that your locality is normal.

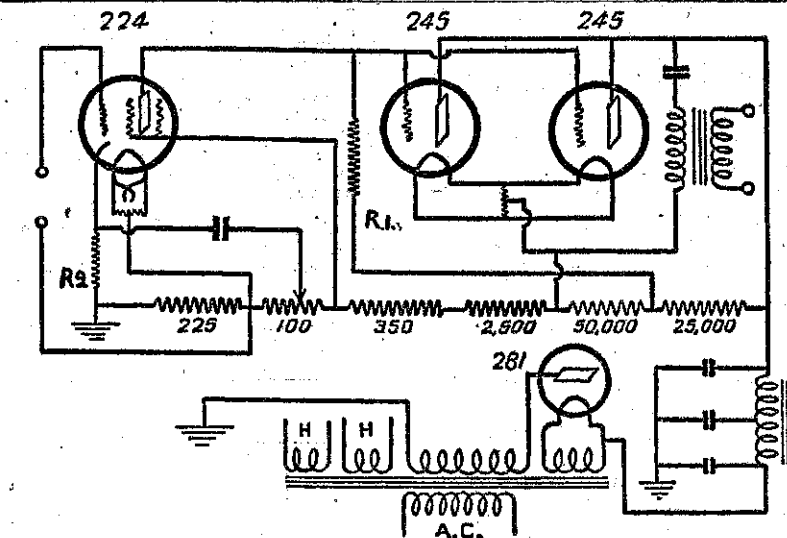
2. would two aeriels be better than one?

A.: No. Erect an efficient aerial, such as that described in the 1931 "Guide," which will be published shortly.

3. What would be the best method of increasing volume?

A.: If you cannot receive stations beyond 2YA, and your aerial and earth system is at all efficient, your set is not working correctly. Take it to an expert for overhaul.

4. What should the earth lead be connected to for best results?



The Loftin-White Amplifier with paralleled output valves.

A.: It should be as short as possible, not necessarily insulated, and connected to a water pipe or to a copper or galvanised iron rod driven into damp ground. Connections should be soldered.

"BEGINNER" (Auckland): If two-valve valves were used in the "Night Hawk" would the "B" battery voltage have to be reduced?

A.: No.

2. How many turns are required for the coil, and at which points are these connected on the UY valve holder?

A.: The making of the coil was fully described in the issues dated December 6 and January 30.

3. Should this set be able to bring in Wellington on the loudspeaker?

A.: Yes, see reply to above query.

"LITTLE WILLIE" (Oamaru): I am using a four-volt "A" battery for six-volt valves. Would it improve reproduction if I use a six-volt battery?

A.: Not very much, but sensitivity would be greatly increased. In fact, working on a four-volt battery, distance results would be almost impossible.

2. If I change to a six-volt battery and find no improvement would it harm the valves to change back to four volt?

A.: No, certainly not. But you won't change back.

OFTEN when results from a set fall off after a year or two's use it is not the set which is "wearing out," but simply the valves which are losing emission.

Radio in Japan

Language Problem

BROADCASTING is playing a curious role in the evolution of the Japanese language, which is not the same for all classes. Women are obliged to use different words from those employed by men, and, up till very recent times it was considered a very serious breach of etiquette for a woman to use masculine expressions.

On the other hand, the man who so far forgot himself as to pronounce certain words in the feminine way was scorned and despised. There are two complete sets of idiomatic phrases, each peculiar to one sex. Again, the language of the upper class is completely different to that of the lower—a master speaks in a different form to that used by his servant. A further peculiarity is that the written language is totally unlike that spoken, and hence the former cannot be adopted for broadcast purposes for the illiterate would not be able to understand a word.

The only solution to the difficulty appears to be the adoption for the use of all classes of a national language which will revolutionise Japan and break down the age-long barriers of caste and sex.

KNOW the time all over the world with a

DX Clock.

Posted in Cardboard Tube.
Printed on Heavy White Paper.
Posted 9d.

Select Your Radio BY TEST not by Hearsay

Buy your Radio Set on your own judgment. Let your eyes and ears judge the finest appearance and the best tone in sets. Buy this way, and you will always find yourself purchasing Silver-Marshall products. Silver-Marshall make no extravagant claims—they build the best they know how . . . and that's why their lines are the best—by test.

SILVER-MARSHALL

RADIO SETS AND RADIO PARTS

Complete S.-M. Receivers and
Cabinets

FACTORY IMPORTS, LTD.,

96 TORY STREET

::

WELLINGTON.

N.Z. Distributors

Short-wave Sets, Chassis and Parts

THOS. BALLINGER & CO.,
LTD.,

VICTORIA STREET

::

WELLINGTON.

TO RADIO DEALERS: Write to either of the above for particulars of available dealer territory.