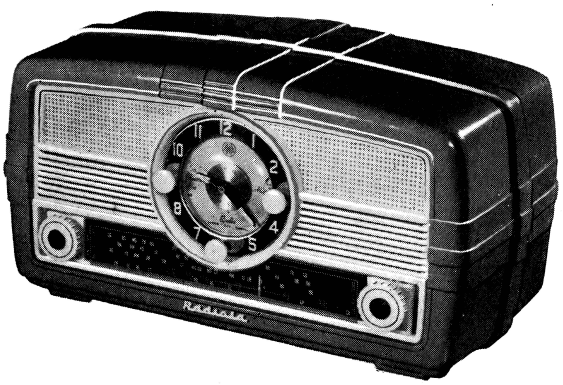
TECHNICAL INFORMATION AND SERVICE DATA

A.W.A. CLOCK - CONTROLLED - RADIO

563-MA, 563-MAY and 563-MAZ.

FIVE VALVE, BROADCAST, A.C. OPERATED SUPERHETERODYNE

ISSUED BY:
AMALGAMATED WIRELESS (AUSTRALASIA) LTD.



ELECTRICAL SPECIFICATIONS

Frequency Range	540-1600 Kc/s. (555-187.5 Metres)
Intermediate Frequency	455 Kc/s.
Power Supply Rating	200-260 volts 50 C.P.S. only
Power Consumption	Clock 2.5 watts Clock and Radio 42.5 watts

Loudspeaker
- 4 inch permanent magnet
- Part No. 26846
- Transformer 31772D
- V.C. Impedance 3 ohms at 400 C.P.S.

Undistorted Power Output ..... 3 watts

Valve Complement:
- (1) 6BE6 Converter
- (2) 6BA6 I.F. Amplifier
- (3) 6AV6 Detector, A.F. Amplifier, A.V.C.
- (4) 6AQ5 Output
- (5) 6X4 Rectifier.

Chassis Removal:

(1) Remove the Clock Alarm Knob by unscrewing it clockwise and the remainder of the Clock and Radio knobs by pulling them straight off their spindles. Also remove the "Hand-set" knob and spindle by pulling it from the back of the cabinet.

(2) Remove two recessed nuts from the top of the cabinet back, two screws from underneath the cabinet back and withdraw it.

(3) The chassis is held to the cabinet front by two screws situated under it. Removal of these enables the chassis to be withdrawn from the cabinet.

Clock Removal:

(1) Remove the complete chassis from the cabinet.

(2) Remove two screws holding the plastic shield to the metal spacers and withdraw the shield.

(3) Unscrew the two metal spacers holding the top of the clock to the front panel.

(4) Remove the clock plug from the socket on the receiver chassis.

The clock may now be lifted from the chassis.

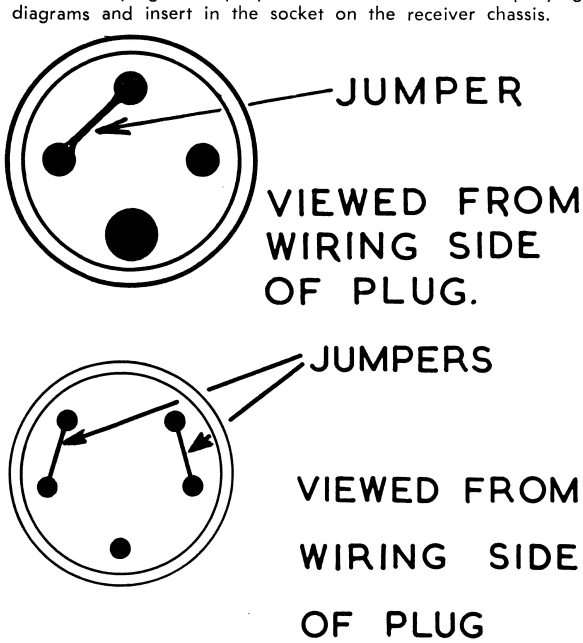
When replacing the clock make sure that the bottom of the clock face engages in the clips on the receiver front panel. Then replace the metal spacers.

IMPORTANT:

As repairs to the clock will require the use of special equipment it is recommended that a spare be kept in stock and the faulty unit returned to the A.W.A. Service Department, 152 Parramatta Road, Stanmore, for repair.

Operation of Receiver Without Clock:

If it is desired to operate the receiver for either the serviceman's or client's use whilst a faulty clock is being repaired, the following plugs may be obtained from the A.W.A. Service Department:

Model 563-MA, 563-MAY Plug No. 29696.
Model 563-MAZ Plug Code No. 581050.

Wire the plugs with jumpers as shown in the accompanying diagrams and insert in the socket on the receiver chassis.