



# RADIO CORPORATION PTY. LTD.

DIVISION OF ELECTRONIC INDUSTRIES LTD.  
126-130 GRANT STREET, SOUTH MELBOURNE, S.C.4.

Bulletin: HPN-6  
File: RECEIVERS  
PORTABLE  
Date: 5.10.59.  
Page: 1.

## TECHNICAL BULLETIN

### MODEL 'HPN' CIRCUIT MODIFICATIONS

#### VOLUME CONTROL

The 5000 Ohm untapped potentiometer part No. R267 has been changed to a 5000 Ohm potentiometer part No. R213 which is tapped at 600 Ohms.

A 22 Ohm resistor part No. R2202 circuit No. 59 is wired from the potentiometer 600 Ohm tap to the chassis.

#### MODIFICATION TO IMPROVE TONE

A 6800 Ohm  $\pm 10\%$   $\frac{1}{2}$ W carbon resistor part No. R6822 has been added.

This resistor, circuit No. 60 is wired from the volume control 600 Ohm tap to the junction of the speaker voice coil and the output transformer secondary as shown by the circuit on page 2.

#### AUDIO OSCILLATION

Circuit No. 60 changed from 6800 Ohms to 33,000 Ohms  $\pm 10\%$   $\frac{1}{2}$ W part No. R3332.

#### DRIVER TRANSFORMER

Circuit No. 55 driver transformer part No. T183 code No. DR1 (pri. 4300 to sec. 1250 Ohms impedance (centre tapped) will be changed to driver transformer part No. T233.

#### SPEAKER INPUT TRANSFORMER

Circuit No. 56 speaker input transformer part No. T184 code No. TR4 (pri. 270 CT. : sec. 3.5 Ohms impedance will be changed to speaker input transformer part No. T234.

