



TECHNICAL DATA SHEET No.

57

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CHASSIS TYPE G1.

A circuit change has been made to the chassis type G1 in order to provide a reduced residual hum level. Variation in residual hum level has been observed due to leakage occurring between cathode and heater of V1, 6DL8. This has been greatly reduced in most cases by ageing the valve for a period of approximately 20 minutes, the modification as detailed below however reduces the overall hum level in the order of 10 to 12DB and is indiscriminating in valve choice.

The modification consists of providing rearranged wiring so that the filament winding is earthed via a centre tapped resistor instead of as previously having one side wired to earth.

The detailed modification consists of removing the lead from each valve socket filament pin to earth and wiring all filaments in parallel with the addition of an extra lead and terminating this lead on the Pilot light panel where the transformer filament leads are terminated. At the junction of the two terminations, 100 ohm $\frac{1}{2}$ watt resistors are connected directly to the earth lug on the chassis below the pilot lamp panel so that the 100 ohm resistors form a centre tapped network across the filament winding.

This modification has been effected on all chassis subsequent to S/N. 00300.