



TECHNICAL BULLETIN

SUBJECT-

INSTRUCTIONS FOR FITTING AND ASSEMBLY

OF

THE 6 PIN PLUG AND SOCKET

FOR

EXTERNAL BATTERIES.

ADDITIONAL PARTS REQUIRED:-

PART NUMBER

- 1 - Socket, 6 pin
- 1 - Plug Assembly, 6 pin
- 1 - Plug Assembly, 6 pin

PM146
A107/635
PM459

METHOD OF ASSEMBLY:-

1. Remove set from cabinet, then remove loop aerial from chassis. Carefully note the connections to the loop aerial before removing it.
2. Assemble the 6 pin socket on to the two loop spacers on the gang mount plate so that the socket contacts face the chassis and contacts number 1 and 6 (large holes) point to the gang spindle.
3. The A+ lead from the thick pin in the A battery plug is disconnected from the switch on the rear of the volume control and wired to the 6 pin socket contact No. 4.
4. From 6 pin socket contact No. 5, connect a wire across to the switch lug where the A+ lead was connected.
5. The B- lead from the B battery plug is disconnected from the switch on the rear of the volume control and wired to 6 pin socket contact No. 1.
6. From 6 pin socket contact No. 2 connect a wire across to the switch lug where the B- lead was connected.
7. From 6 pin socket contact No. 6 connect a wire across to the earth point of the 600 Ohm bias resistor situated on rear of the volume control.

SUBJECT—

METHOD OF ASSEMBLY:- (Contd.)

8. From 6 pin socket contact No. 3 connect a wire across the chassis through the A+ and B- lead grommet to the screen grid contact of the output tube socket.
9. All the leads from the 6 pin socket extending across the chassis are to be bound for about an inch with adhesive tape to form a cable.
10. Refit loop aerial to chassis then refit set to cabinet.

OPERATION FROM INTERNAL BATTERIES:—

The 6 pin plug assembly (A107/635) with the knotted cord attached is inserted into the 6 pin socket through the hole in the rear of the cabinet and covered by a rubber insert when operating from internal batteries. On this plug the rear of contact pins numbers 1 and 2 are bridged with tinned copper wire and soldered, also pins number 4 and 5 are bridged and soldered.

OPERATION FROM EXTERNAL BATTERIES:—

Remove the rubber insert and plug required for internal battery operation and insert the 6 pin plug (PM459) having external battery leads attached as follows:—

Pin No. 2	B-
Pin No. 3	B+
Pin No. 5	A+
Pin No. 6	A-