

## 5 To Remove The T858/859 PA PCB From The Heatsink

Most components are soldered topside only, but in some cases access to the underside of the PCB is necessary.

Remove the D-range connector.

**T859 Only:** Disconnect the power feed to the fan.

Remove the PCB retaining screws (2 are hidden beneath the harmonic filter shield):

T858	Qty 14
T859	Qty 11

Remove the transistor stud nuts and mounting screws.

Remove the mounting screws for the TO-220 devices:

T858/859	Q16, R89, R90 and R91
T859	R92, R93 and R94.

Remove the retaining screws for the wireline couplers (L19 and L39).

Remove the output 50 ohm coaxial connector by unscrewing it from the heatsink casting and unsoldering it from the PCB.

Disconnect the input 50 ohm coaxial cable by unplugging it at the PCB.

Disconnect the battery positive and negative feed wires from the PCB.

Disconnect the alarm and metering wires from the PCB.

Lift the PCB gently from the heatsink to gain access to the underside of the PCB.



**Caution:** Do not operate the PA with the PCB detached as the heatsink is used for earthing and for the dissipation of heat generated within the transistors.

To replace the PCB, reverse the order of removal, taking care that the wiring is correctly routed and is not subjected to 'pinching'.

