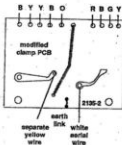
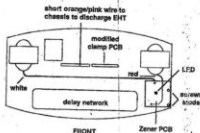


Q63CLPA - ESL63 CLAMP BOARD MODIFICATION KIT Ref: OI63ZEN

The clamp protection circuit of the ESL63 loudspeaker has now been modified to provide improved protection against overload, as from serial number Q029005. The circuit now comprises two PCB assemblies: A new modified clamp PCB and a Zener diode PCB assembly.

Fitting Instructions

1. Disconnect from mains and discharge the EHT by shorting the thin orange/pink wire on the EHT board to chassis.
2. Unsolder the 10 connecting wires from the edge of the originally fitted clamp board (make a note of the colours/connections). Also unsolder the thick white aerial wire.
3. Remove the 4 screws securing the mains chassis to which the clamp board is fitted.
4. Tilt chassis to gain access to the 2 clamp board fixing screws and remove these screws.
5. Fit modified clamp PCB (2135-2). For speakers with 3 core mains lead (not double insulated - before S/no 18151) cut earth link wire at bottom of PCB (see diagram).
6. Reconnect the 10 connecting wires - note that the thick separate yellow wire now connects to the PCB track (see diagram). Reconnect the thick white aerial wire.
7. Remove the 2 nuts to the far right of the base assembly (see diagram) and fit the 2 spacer studs provided, to the exposed screws.
8. Solder the thick red and white wires to the audio transformers (do not remove existing wiring) and the eyelets on the Zener PCB (see diagram) - white to the LH transformer and red to the RH transformer.
9. Fit the Zener PCB, LED uppermost, on to the 2 spacer studs using the 2 screws provided.
10. Remove the wire retaining clips (grommets on later models). Position the thick white wire in the cable path with the existing audio wires and retit retainers.
11. Check all wiring, reassemble and test.



KIT Contents

Part No.	Description	Qty	Part No.	Description	Qty.
OI63ZEN	Instructions	1	TM426PA	Screw M4x8 Pan St Bzp	2
Q63CLPB	Modified clamp PCB (Zener use)	1	TS425HA	Spacer stud M4x25 Hex Npb	2
O63ZENR	Zener clamp PCB	1	ZEPT069	Polythene grip/sail bag 6"x9"	1
WM216P9	Wire 13/0.2 Ply 1.3 mm RT white	52 cm	WM216P2	Wire 13/0.2 Ply 1.3 mm RT red	15.2 cm