



# USA1310 Restoration Kit

**WARNING:** This parts kit is to be installed into a QSC amplifier by qualified service personnel only. Attempting to service a QSC amplifier without the proper qualifications and equipment can be hazardous and could damage the unit under repair. Please refer to the warnings below as may be shown in the amplifier's owners manual.



**CAUTION:** To reduce the risk of electric shock, do not remove the cover. No user-serviceable parts inside. Refer servicing to qualified personnel.



**WARNING:** To prevent fire or electric shock, do not expose this equipment to rain or moisture.

## CAUTION

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

Thank you for purchasing the USA1310 Restoration Kit. In this kit you will find an assortment of parts that represent those parts that are most often needed for a simple repair. This kit is not intended for use with a more extensive failure. Please refer to the rebuild kit for more elaborate repair needs. The USA1310 Restoration Kit contains the following:

Part Number	Description	Qty	Reference
SW-000013-RY	Relay	2	K1 a&b
QD-000134-LX	Pilot LED	2	LD1 a&b
SW-000016-SW	Switch	1	Power switch
IC-005532-OP	Op Amp	2	IC1 a&b
QD-000076-00	NPN Transistor	2	Q1 a&b driver transistor
QD-000077-00	PNP Transistor	2	Q2 a&b driver transistor
CA-647001-10	47 $\mu$ F Cap	2	E1 a&b
QD-004934-DX	Diodes	4	D5 & D6 a&b Bias Diodes
RE-002205-DM	22 Ohm Resistor	4	R16 & R17 a&b
RE-.56005-EM	5.6 Ohm Resistor	4	R12 & R13 a&b (Driver Emitter Res.)
PT-110000-AT	Trim Pot	2	100 ohm bias
NW-000220-RW	Washer	4	Driver hardware
NW-060010-SL	Washer	4	Driver hardware
NW-060400-HN	Nuts	18	Heatsink and driver hardware
NW-060410-ST	Washers	10	Heatsink hardware
	Schematic	1	Power amplifier section

These parts have been selected for optimum performance. Substitutes may not work. Using these parts and following the schematics enclosed will ensure a proper update. As an option, the USA1310 Service Manual is available for more detailed servicing information.