



USA Series Restoration Kit

USA370, USA850

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 USA Series 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 USA Series Restoration Kit contains the following:

Part Number	Description	Qty	Reference
SW-000016-00	Power 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
QD-000033-QD	Output Transistor	3	PNP power transistor
QD-000032-QD	Output Transistor	3	NPN power transistor
QD-004934-DX	Diode	4	D1 & D2 a&b Bias diodes
RE-002205-DM	22 Ohm Resistor	4	R17 & R18 a&b
RE-.68005-DM	6.8 Ohm Resistor	4	R15 & R16 a&b
RE-247002-DM	Resistor	4	R7 & R8 a&b hum-null
PT-110000-AT	Trim Pot	2	TR3 a&b 100 ohm bias
PT-422000-AT	Trim Pot	2	TR2 a&b 220k ohm hum-null
	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, an USA Service Manual is available for detailed servicing information.