



# USA Series Rebuild 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 Rebuild Kit. In this kit you will find an assortment of parts that are most often needed for more elaborate and difficult repair work. The USA Series Rebuild Kit contains the following:

Part Number	Description	Qty	Reference
CA-547003-10	4.7UF 160V Capacitor	2	E8 (a & b)
CA-647002-10	47UF 50V Capacitor	2	E9 (a & b)
CA-722002-10	220UF 25V Capacitor	4	E2 & E3 (a & b)
CA-822100-BE	Filter Capacitors	8	E4 - E7 (a & b)
IC-005532-OP	Op Amp	2	IC1 (a & b)
QD-000076-00	NPN Transistor	2	Q1 (a & b)
QD-000077-00	PNP Transistor	2	Q2 (a & b)
QD-000033-QD	Output Transistor	8	Power Transistors
QD-000032-QD	Output Transistor	8	Power Transistors
QD-0004.7-ZT	4.7V Zener Diode	2	Z4 (a & b)
QD-0003.9-ZT	3.9V Zener Diode	2	Z3 (a & b)
QD-000056-10	MPS8599 Transistor	1	Q11
QD-000004-TX	MPSW05 Transistor	1	Q12
QD-004744-ZT	15V Zener Diode	4	Z1, Z2 (a & b)
QD-004934-DX	Diode	4	D1, D2 (a & b)
QD-400400-BX	Bridge Rectifier	2	B1 (a & b)
RE-002205-DM	22 Ohm Resistor	4	R17, R18 (a & b)
RE-.68005-DM	6.8 Ohm Resistor	4	R15, R16 (a & b)
RE-130005-EM	3k Resistor	4	R20, R21 (a & b)
RE-247002-DM	47k Ohm Resistor	4	R7, R8 (a & b)
PT-110000-AT	100 Ohm Trim Pot	2	TR3 (a & b)
PT-422000-AT	220k Ohm Trim Pot	2	TR2 (a & b)
SW-000016-00	Power Switch	1	
TD-000037-00	USA SERVICE MANUAL	1	

These parts have been selected for optimum performance. Substitutes may not work. Using these parts and following the manual enclosed will help ensure a proper repair.