



PLC Series Power Supply Restoration Kit

CX, DCA, PLX, and PL2 Series amplifiers

Thank you for purchasing the PLC Series Power Supply Restoration Kit. In this kit you will find an assortment of parts that represent materials most often needed for restoring a faulty power supply.* This kit is not intended for use with a more extensive failure.

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 a unit under repair. Please refer to the warnings below as shown in the amplifier owner's 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.



The PLC Power Supply Restoration Kit (QSC part # SG-000060-00) contains the following:

Part Number	Description	Reference	Qty.
QD-000169-00	XISTOR IGBT TO-247AC 600V 55A	Q96 & 97	2
QD-000042-00	DIODE RECT ULTRAFast 400V 3A	D70 & 71	2
QD-000108-30	DIODE SMT SWITCH 200V .2A 50NS	D78 & 79	2
QD-000113-30	DIODE ZNR 10V 5%	D66	1
RE-001003-30	RESISTOR SMT 10 OHM 1% 1206	R358 & 359	2
RE-003921-30	RESISTOR SMT 39.2 OHM 1%	R349	1
RE-000210-NR	THERMISTOR NTC 15A	R324	1
IC-000134-00	IC CMOS HV DRVR IR2110	U18	1
IC-000024-00	IC REG PWM 40V 0.1A SG3525A	U19	1
IC-000053-30	IC LIN SMT DUAL TIMER LM556	U14	1
IC-000054-30	IC LIN SMT QUAD COMP LM339AM	U13	1
NA	Technical Support CD	NA	1

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.

*Additional components that might be problematic:
 XF-000064-00 Housekeeping Transformer T1
 IC-000135-00 Top 210 chip U16
 QD-000115-30 MURS160T3 Diode D60
 QD-000102-30 1N4148 SMT 75V 75M D63-65,D67