



EX Series Rebuild Kit

EX1600

Thank you for purchasing the EX Series Rebuild Kit. In this kit you will find an assortment of parts that represent materials most often needed for more elaborate and difficult repair work.

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 EX Series Restoration Kit contains the following:

Part Number	Description	Qty	Reference
CA-647050-BE	47UF, 50V, ELECT., RADIAL	6	C502, C514-515, C602, C614-615
CA-710035-BE	100UF,20 PCNT,35V,ELECTROLYTIC	3	C55, C56, C51
CA-912063-AE	12000UF,20 PCNT,63V,ELECTROLYTIC	8	C508-511, C608-611
IC-005532-OP	OPAMP,DUAL,NE5532	4	U505-506, U605-606
QD-000031-QD	MOSFET N-CH,60V,50A,150W, TO-220	4	Q503, Q504, Q603, Q604
QD-000076-00	XSTOR NPN,250V,8A,50W,TO-220	2	Q502, Q602
QD-000077-00	XSTOR PNP,250V,8A,50W, TO-220	2	Q501, Q601
QD-001943-PN	XSTOR PNP,230V,15A,150W ,TO-264	6	Q508-510, Q608-610
QD-005200-NP	XSTOR NPN,230V,15A,150W, TO-264	6	Q505-507, Q605-607
QD-400400-BX	BRIDGE RECTIFIER,400V,35A	4	BR501-502, BR601-602
QD-004004-VP	DIODE,400V,1A,DO-41 HAIRPIN,2US	4	D505-506, D605-606
QD-000022-QD	DIODE ZENER,18V,,1W,1N4746A,DO-41	2	D52, D53
RE-002205-DM	22,5 PCNT,1W,METAL OXIDE FP	8	R510-511, R518-519, R610-611, R618-619
RE-.47005-DM	4.7,5 PCNT,1W,METAL OXIDE FP	4	R502, R504, R602, R604
WP-000008-00	PCB ASSY,POS STEP DRIVER,SMT	2	U501, U601
WP-000009-00	PCB ASSY,NEG STEP DRIVER,SMT	2	U502, U602
PT-110000-AT	TRIM,100,20 PCNT,0.15W	2	VR501, VR601
SW-000016-SW	AC SWITCH,SPST,20A,125VAC	1	
	Technical Support DVD		

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 EX Service Manual is available for detailed servicing information.