

# QSC™ RAVE 188 Upgrade Kit for Switched Networks

Thank you for purchasing the RAVE 188 Upgrade Kit for Switched Networks. In this kit you will find all the parts necessary to upgrade a RAVE 188 to a RAVE 188s-24 for switched networks and 24-bit resolution on output channels. This kit is not intended for use with a product failure.

**WARNING:** This parts kit is to be installed into the QSC product specified by qualified service personnel only. Attempting to service a QSC product without the proper qualifications and equipment can be hazardous and can damage a unit under repair. Please refer to the warnings below as shown in the product's 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 RAVE 188 Upgrade Kit (QSC part # SG-000059-00) contains the following:

Part Number	Description	Reference	Qty.
IC-000182-30	IC SMT 24-BIT D/A CONV	U45, U46, U47, U48	4
PD-000028-00	CLOCK DIVIDER ANALOG PAL	REF: U121	1
PD-000032-00	NMI CONTROL PAL	REF: U137	1
PD-000041-00	SEEQ MAC READ LOGIC GAL	REF: U98	1
PD-000042-00	SEEQ MAC WRITE LOGIC	REF: U99	1
PD-000043-00	OP TIMER GAL	REF: U136	1
PD-000080-00	FLASH RAVE 188S-24 FIRMWARE	REF: U104	1
LB-000353-00	LABEL, FACEPLT, RAVE 188 S-24	NA	1
RAV0001	Rave Firmware Upgrade (All prior to CobraNet 2.6.9)	NA	1
NA	Technical Support CD	NA	1

These parts have been selected for optimum performance. Substitutes may not work. For best results, use the parts included in this kit and follow the procedure outlined in the enclosed service bulletin. Note that all IC parts have been pre-programmed with the code designated by the corresponding PD part number.

SG-000059-00, Rev. A