



Description:

The RDL ST-CL2 Compressor/Limiter is connected at the output of the church mixer to improve audio level consistency and avoid input overload of the PA system and the digital recorder that provides recordings of each service. The ST-CL2 remains aurally transparent by automatically adjusting its compression ratio in response to the varying character of program material. It combines both inaudible gain reduction and the tight peak control necessary to prevent overload distortion at the input of the power amplifiers and digital recorder. The inclusion of the ST-CL2 Compressor/Limiter improves intelligibility for the congregation and for people listening to the recording. The ST-CL2 is easily set up using the two compression level LEDs provided.

The ST-MPA48 provides the phantom power for the P48 condenser microphone converting the existing mic input on the house mixer into a 48 Vdc phantom-powered input. The ST-MPA48 contains two identical phantom power circuits and can be used to power two P48 microphones. The ST-MPA48 is powered from a standard RDL 24 Vdc power supply or may be powered by any dc voltage from 10.5 volts to 26 volts.

Parts List	
Product	QTY
ST-CL2	1
ST-MPA48	1

Recommended Pwr. Supplies	
Product	QTY
PS-24AS 24 Vdc 500 mA	1

Line Color Key	
—	Line Level Audio Signal
—	Loudspeaker Level
—	Control Signal
—	Video
—	Mic Level Audio Signal
—	Ground
—	Power
—	Miscellaneous