



Description:

The ST-GSP1 Gated-Speech Preamplifier produces gated line-level audio from a balanced dynamic or condenser microphone. The preamp output remains off when no one is speaking into the microphone, thereby not picking up and amplifying ambient room noise. The moment someone speaks into the microphone, the output of the ST-GSP1 turns on, feeding line-level audio to the sound system. The SLAVE output terminal is used to activate the ST-LCR1 Logic Controlled Relay which provides a contact closure to turn on a visual indicator. The indicator lamp confirms to the person speaking that the microphone is active. Additional contacts on the ST-LCR1 are available to turn on other indicators or recording devices.

The ST-GSP1 detection threshold is adjustable. Muting occurs 2 seconds after the audio level drops below the preset threshold. In circumstances where a longer delay time is desired, an external capacitor may be connected to extend the delay. The ST-GSP1 line-level output may be configured balanced or unbalanced to feed a variety of audio inputs.

Parts List

Product	QTY
ST-GSP1	1
ST-LCR1	1

Recommended Pwr. Supplies

Product	QTY
PS-24AS 24 Vdc 500mA	1

Line Color Key

Red	Line Level Audio Signal
Brown	Loudspeaker Level
Purple	Control Signal
Yellow	Video
Blue	Mic Level Audio Signal
Green	Ground
Brown	Power
Orange	Miscellaneous