

BOGEN[®]

COMMUNICATIONS, INC.

REMOTE VOLUME CONTROL

RVC-2B

DESCRIPTION

The Bogen Model RVC-2B is designed for remote volume control of microphone and auxiliary inputs to Bogen amplifiers and preamplifiers at distances of up to 2000 feet, without sacrifice of gain or tone quality. This accessory permits fading, mixing, and frequent changes in gain of individual channels in a multi-channel sound system.

INSTALLATION

Connect the RVC-2B to the Remote Control Precedence terminal strip on the rear of the amplifier as follows: Use a two-conductor No. 22 AWG unshielded cable for remote connections up to 2000 feet away. For longer distances, a cable with heavier conductors should be used. At the amplifier end, connect the wires to the appropriate input terminal and ground on the REMOTE-PRECEDENCE terminal strip. Connect the other end of the cable to the two terminals on the RVC-2B remote control accessory.

REMOTE CONTROL OPERATION

After installing the RVC-2B as described above, proceed as follows:

1. Rotate the volume control for the appropriate channel of the amplifier to minimum setting (fully counterclockwise).
2. Turn the knob on the remote control to maximum position (fully clockwise).
3. Advance the volume control on the amplifier to the loudest position likely to be used in the channel to be controlled, or to a point just below which feedback occurs.
4. Leave the amplifier volume control in this position as long as the channel is wired for remote control.
5. Reduce the output level at the remote unit from maximum to the desired volume.
6. Adjust the volume as required during operation by means of the control knob on the remote unit.

MICROPHONE PRECEDENCE

An SPST switch with normally-open contacts is required for microphone precedence and channel muting. This type of switch, found on many paging microphones, and the RVC-2B can be connected in parallel to provide microphone precedence and remote control.

ACCESSORIES REQUIRED FOR REMOTE CONTROL, MICROPHONE PRECEDENCE AND OUTPUT LIMITATION WITH VARIOUS BOGEN AMPLIFIERS

Model No.	Remote Control		Microphone Precedence
	MIC Channels	AUX Channel	
CHS-35B, CHS-60B, CHS-100B	RVC-2B (MIC2 only)	RVC-2B	Normally-open switch
CT60B, CT100B	RVC-2B (MIC1 thru MIC4)	RVC-2B	Normally-open switch