

## V-Box Enclosure

The V-Box is a portable, sturdy four-gang enclosure for the KB-211, KB-211GM, and KB-212 speaker stations. It can be desktop- or wall-mounted and includes pass-through male and female XLR intercom line connections.

## Installation

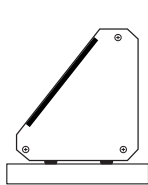
The speaker stations can be installed in the angled or vertical face of the V-Box. The blank four-gang panel is installed on the empty face of the V-Box. Following are some installation examples:

- **Desktop or table top**—The station panel is installed in the angled face (Figure 1 below).
- **Low or at working height on a wall**—The station panel is installed in the angled face and the box is mounted to the wall using the keyhole slots on the four-gang, filler panel (Figure 2 below).
- **High on a wall**—The station panel is installed in the angled face and turned upside down. The blank four-gang panel is inverted and mounted on the wall using the keyhole slots on the blank four-gang panel (Figure 3 below).

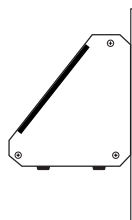
**Note:** When installing on a wall, ensure that the screws are secured in a material strong enough to support the weight. Use screw anchors, if required.

- **High on a shelf**—The station panel is installed in the vertical face and the blank four-gang panel is installed in the angled face (Figure 4 below).

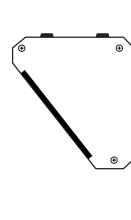
**Note:** To properly maintain cabinet stability, use a GM-9 microphone, not a GM-18, when installing a KB-211GM high on a shelf.



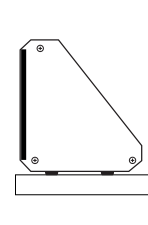
**FIGURE 1: Desktop or table top**



**FIGURE 2: Low on a wall**



**FIGURE 3: High on a wall**



**FIGURE 4: High on a shelf**

## Wiring

The male and female connectors on the side of the V-Box are wired in parallel, which means the station can be series-connected in a cable run with other Clear-Com stations. Typically, the female connector connects to the cable running from a main station or power supply and the male connector connects to other stations. (Different wiring is required for two-channel operation. Refer to the *KB-211/KB211GM User Manual* for more information.) To connect the station, plug the terminal block onto the pins on the station's circuit board.

All internal levels, jumpers, or dip switches must be set according to the station's instruction manual before securing the station in the V-Box. If the EB-4W 4-Wire Option is used, 16- to 18-VAC power needs to be connected from a transformer to the EB-4W power connector. The power cable can be run through the slot in the blank four-gang panel.

If end panels must be reversed, new pilot holes must be drilled for the wood screws securing the XLR jacks to the panel. Keep the blank panel in place to ease reassembly of the end panels to the chassis.

Contact the factory to obtain additional end panels for applications requiring two-channel operation with loop-through.

## Parts List

### Miscellaneous

Description	Part #
END PANEL WITH CONN HOLES V-BOX	140049
END PANEL W/O CONN. HOLES V-BOX	140050
5 POS SCREW TERM. PLUG-IN 5MM	210085
3 PIN MALE NEUTRIK#NC3MPP	210139
3 PIN FEMALE NEUTRIK #NC3FPP	210140
BACK PANEL, V-BOX	250926
#8-32 X 7/8" PHIL TRUSS HD, BLACK	280368
TINNERMAN NUT	280113
RUBBER STRIP	140053

## Factory Service

All equipment returned for repair must be accompanied by documentation stating the return address, telephone number, date of purchase, and a description of the problem.

**Note:** Do not return any equipment to the factory without first obtaining a Return Authorization Number.

Send equipment to be repaired to: **Customer Service Department, Clear-Com Intercom Systems, 4065 Hollis Street, Emeryville, CA 94608-3505; Telephone: (510) 496-6666; Fax: (510) 496-6601.** PN 810260