

# Encore™ Partyline System

## V-Box Enclosure

### Quick Start Guide

The V-Box Enclosure is a portable, sturdy four-gang enclosure for Clear-Com's KB Speaker Stations. It can be desktop-mounted, shelf-mounted or wall-mounted, and either oriented horizontally or angled upwards or downward. The V-Box Enclosure is available in different versions to accommodate different wiring requirements:

- V-Box – Includes a pass-through male and female 3-pin XLR for single channel use.
- V-Box-X6 – Includes a pass-through male and female 6-pin XLR for dual channel intercom use.
- V-Box-RJ45 – Includes an etherCON RJ45 and a bayonet DC power connector to accommodate the optional EB7-4W four-wire adaptor.

### Installing the KB Speaker Station inside the V-Box Enclosure

KB Speaker Stations can be installed in the angled (as shipped) or vertical face of the V-Box. A blank four-gang panel with holes for installed cables, mounting screws and ventilation is installed on the empty face of the V-Box. Below are some examples of installation.

#### Desktop or table top

The Speaker Station panel is installed in the angled face (Figure 1).

#### Low or at working height in a wall

The Speaker 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).

#### High on a wall

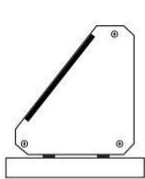
The Speaker Station panel is installed in the angled face and turned upside down. The blank four-gang panel is inverted and mounted on the wall using the keyhole slots on the blank four-gang panel (Figure 3).

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

#### High on a shelf

The Speaker Station panel is installed in the vertical face, and the blank four-gang panel is installed in the angled face (Figure 4).

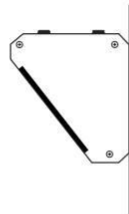
**Note:** To properly maintain stability of the V-Box use a GM-9 microphone, not a GM-18, when installing a V-Box high on a shelf.



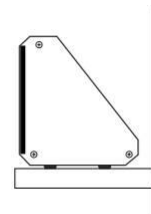
**FIGURE 1: Desktop or  
table top**



**FIGURE 2: Low on  
a wall**



**FIGURE 3: High on  
a wall**



**FIGURE 4: High on  
a shelf**

## Wiring

The V-Box Enclosure comes pre-wired ready to connect to the KB Speaker Station or EB daughterboard depending on which V-Box variant has been ordered.

### V-Box – Single Channel

The 3-pin male and female XLR 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.

**Note:** The V-Box connector harness wires Dual channel KB to Channel B of the intercom line for single channel KB compatibility. Moving the pin 3 wire to pin 2 of the terminal block connector wires the intercom line to Channel A on dual channel KB.

### V-Box-X6 – Dual Channel

The 6-pin male and female Switchcraft-style XLR 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 dual channel Clear-Com stations equipped with 6-pin connectors. Compatible devices and accessories include the RS-702 beltpack, IC-25-2P, IC-50-2P and IC-100-2P dual pair cables as well as the YC-36 adaptor which splits the 6-pin connector into a 3-pin XLR female connector for each channel.

### V-Box-RJ45 – Four Wire for use with EB7-4W

The etherCON RJ45 connector on the side of the V-Box is wired to connect to the internal EB7-4W module and a generic external 4-wire device. A Power connector and wiring are provided for use with the external power supply (Part Number: 453G042) which must be ordered separately.

To connect the station, plug the terminal block onto the pins on the station / daughterboard circuit board. All internal levels, jumpers or dip switches must be set according to the relevant User Guide before securing it in the V-Box Enclosure.

### Alternative installation

The V-Box includes methods for different installations. Two additional cable pass-troughs are provided through the blank panel which can be used for permanent wiring. Side panels are interchangeable and a second connector side panel and a connector-loom can be ordered and installed for dual channel 3-pin XLR wiring with pass through. Refer to the KB-Speaker Station User Guides for dual channel wiring information. When modifying the V-Box, keep the blank panel in place to ease reassembly of the end panels to the chassis.

## Parts list

Description	Part Number
Terminal Block Connector Plug – 5 holes, 5mm pitch	210085Z
Side Panel – punched for connectors	272G149
Wiring Harness – 3-pin single channel including panel connectors	740073Z
Tinnerman Snap-On Nut	280370Z
Screw to fasten Speaker Station (4-40)	280014Z
Rubber Feet	240067Z
Back Panel	250926Z