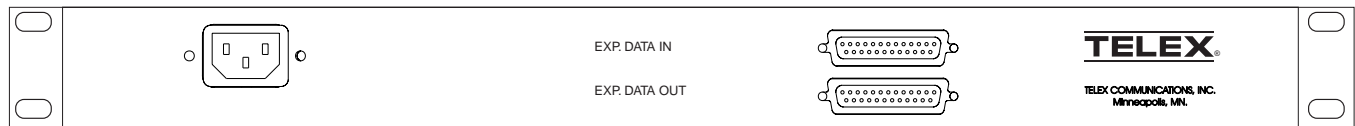
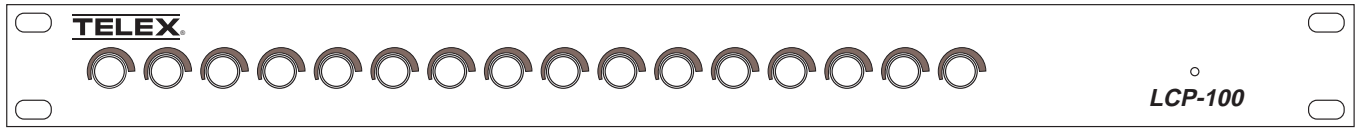


ADAM™ ADVANCED DIGITAL AUDIO MATRIX

USER INSTRUCTIONS

MODEL LCP-100 LEVEL CONTROL PANEL



General Description

The LCP-100 Level Control Panel connects to a KP-9X Keypanel or EKP-9X Expansion Panel. It lets you adjust individual channel listen levels. The LCP-100 works only with the ADAM and ADAM CS Intercom Systems. It is not compatible with the earlier CS9000 Series Intercoms.

Note: Due to controller bus limitations, no more than 3 level control panels and 2 expansion panels should be daisy-chained from a keypanel.

Keypanel Firmware Update

A keypanel firmware update has been provided with your LCP-100. This must be installed in the keypanel for proper operation with the LCP-100. Update the keypanel firmware as follows:

1. Unplug the keypanel power cord.
2. Remove the top cover.
3. Use normal precautions about handling static-sensitive devices. Remove the old IC U305 from the keypanel circuit board and install the new IC.
4. Replace the top cover and reconnect power.

Connections and Positioning

For connections, refer to the figures on the reverse side of this sheet. For ease of use, when positioning the components it may help to locate each level control panel directly above or below the keypanel or expansion panel that it will be used with. Otherwise, you may wish to label each LCP control knob according to the key assignment alphas on the keypanel or expansion panel.

Operation

To adjust a listen level, first activate the listen key for that channel. While monitoring the level in your keypanel speaker or headphones, adjust the corresponding knob on the LCP.

Note The LCP can only be used to adjust the level for listen keys that are assigned to ports or party lines. Levels for IFB's, ISO's, and special lists are not adjustable.

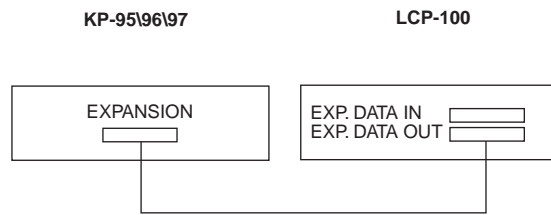
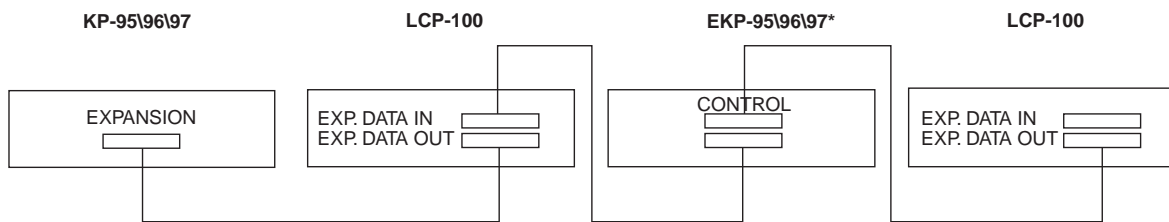


Figure 1. Simple interconnection of one keypanel and one LCP-100



* The two CONTROL connectors on an EKP are wired in parallel. Either one may be used for input or output.

Figure 2. Typical interconnections when using EKP expansion panels. Note: no more than two expansion panels should be connected when using LCP's.