ADAM™ ADVANCED DIGITAL AUDIO MATRIX

OPERATING INSTRUCTIONS

MODEL EKP-12/-16/-20 EXPANSION PANELS

MODEL LCP-12/-16/-20 LEVEL CONTROL PANELS

GENERAL DESCRIPTION

Up to three EKP Expansion Panels may be connected to a KP-12 to provide more intercom keys. By combining an EKP-12, an EKP-16 and an EKP-20 it is possible to utilize all 48 keys that are available in CSedit for use by expansion panels.

LCP Level Control Panels can be connected along with the KP-12 or with each EKP. (Use an LCP-12 with a KP-12 or an EKP-12; use an LCP-16 with an EKP-16; use an LCP-20 with an EKP-20.) Each knob on the LCP adjusts the listen level for the corresponding key on the KP-12 or EKP that it is connected to.

CONNECTIONS

Use the supplied RJ45 cables to interconnect panels as shown in the figures. Plug a power supply into each DC POWER INPUT jack.

MOD NUMBER ASSIGNMENTS

Note: if MOD numbers need to be changed, see "SERVICE MENU, MOD ASGN" in the *KP-12 Operating Instructions*.

If an LCP-12 is connected for use with the KP-12: The LCP-12 is supplied with default MOD number assignments 5 through 8. Reset them to MOD numbers 1 through 4 to match the KP-12 default MOD numbers.

If a single EKP is connected to the KP-12: You do not need to reset the EKP MOD numbers. Also, if an LCP is connected along with the EKP, you do not need to reset the LCP MOD numbers.

If two or three EKP's (with or without LCP's) are connected: You must reset the MOD numbers on the second and third EKP's and LCP's.

OPERATION

1. Expansion panel keys may be assigned and used just like KP-12 keys. If LCP's are not used, individual key levels must be set using the "LEVEL" command on the KP-12 top-level menu.

2. To adjust the listen level for a key using an LCP, start rotating the knob on the LCP that corresponds to the key that you want to adjust. "WAIT" may momentarily display, then the current level for the key will display. (If N/A displays, there is no listen assignment.) Continue rotating the knob to set the level.

3. Click the knob (press and release) when finished to return to normal operation. Or, if no action is taken, normal operation will resume after a few seconds.

Note Level settings are automatically saved at the ADAM Master Controller. No additional save procedures are required.
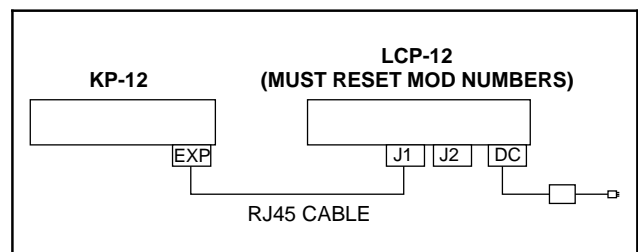

Figure 1. Connecting an LCP-12 for use with a KP-12

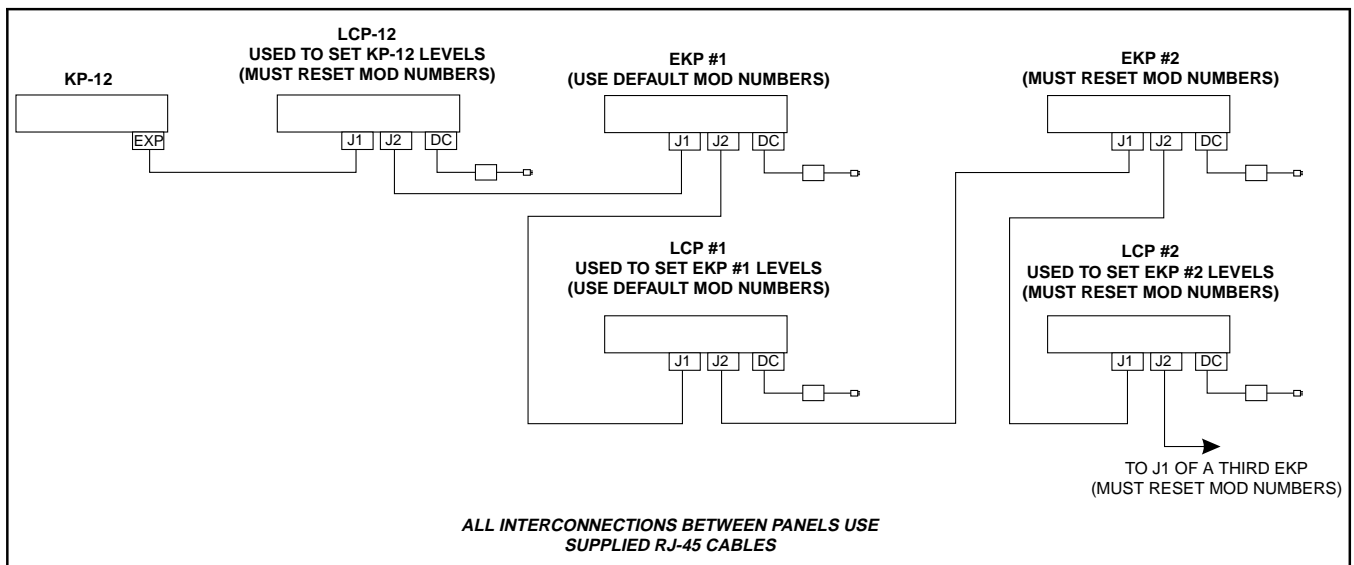(See reverse side for additional connections.)

KP-12

LCP-12
USED TO SET KP-12 LEVELS
(MUST RESET MOD NUMBERS)

EKP #1
(USE DEFAULT MOD NUMBERS)

EKP #2
(MUST RESET MOD NUMBERS)

EXP

J1   J2   DC

J1   J2   DC

J1   J2   DC

LCP #1
USED TO SET EKP #1 LEVELS
(USE DEFAULT MOD NUMBERS)

LCP #2
USED TO SET EKP #2 LEVELS
(MUST RESET MOD NUMBERS)

J1   J2   DC

J1   J2   DC

TO J1 OF A THIRD EKP
(MUST RESET MOD NUMBERS)

ALL INTERCONNECTIONS BETWEEN PANELS USE
SUPPLIED RJ-45 CABLES

Figure 2. Connecting one or more EKP's with LCP's

KP-12

EKP #1
(USE DEFAULT MOD NUMBERS)

EKP #2
(MUST RESET MOD NUMBERS)

EXP

J1   J2   DC

J1   J2   DC

TO J1 OF A THIRD EKP
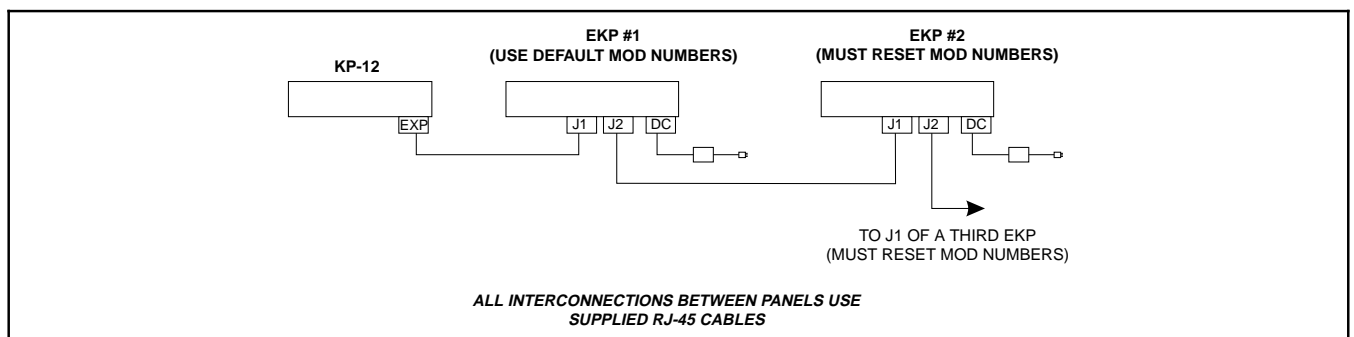(MUST RESET MOD NUMBERS)

ALL INTERCONNECTIONS BETWEEN PANELS USE
SUPPLIED RJ-45 CABLES

Figure 3. Connecting EKP's without LCP's