DE-9P (MALE) TO KEYPANEL   DE-9S (FEMALE) TO INTERCOM SYSTEM*

DATA
AUDIO TO MATRIX
AUDIO FROM MATRIX

CABLE TYPE: BELDEN 8777

IMPORTANT!

* When connecting to an ADAM CS back panel, use only low-profile cable connectors such as AMP Part No. 747516-3 (Telex Part No. 59926-678)

Figure 4. 9-pin Intercom cable wiring diagram

Table 2. 9-pin FRAME Connector Pin-out

Pin	Function
1	RS422 Data "+"
2	RS 422 Data "-"
3	Ground , Shield
4	Audio Output "+"
5	Audio Output "-"
6	Ground, Shield
7	Audio Input "-"
8	Audio Input "+"
9	Ground

☞ Note that 9-pin intercom cables for use with an ADAM CS frame must use special connectors at the intercom matrix end as shown in Figure 4.
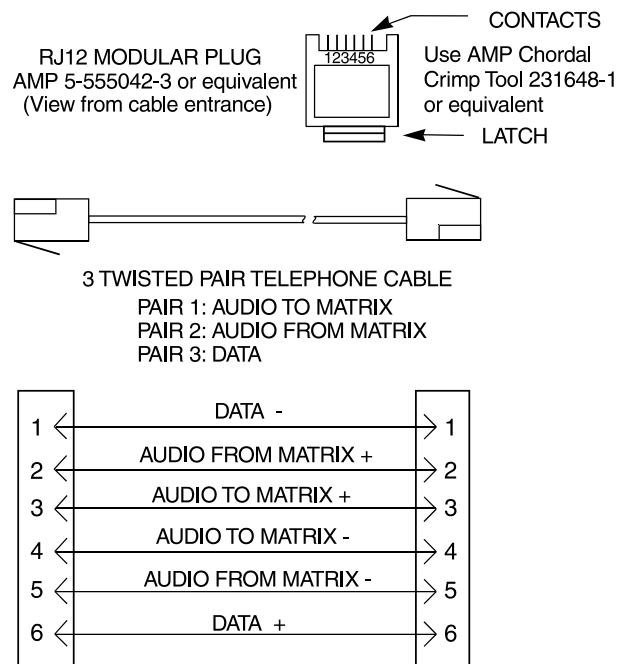

RJ12 MODULAR PLUG AMP 5-555042-3 or equivalent (View from cable entrance)

CONTACTS
Use AMP Chordal Crimp Tool 231648-1 or equivalent
LATCH

3 TWISTED PAIR TELEPHONE CABLE
PAIR 1: AUDIO TO MATRIX
PAIR 2: AUDIO FROM MATRIX
PAIR 3: DATA

DATA -
AUDIO FROM MATRIX +
AUDIO TO MATRIX +
AUDIO TO MATRIX -
AUDIO FROM MATRIX -
DATA +

Figure 5. RJ-11 Intercom cable wiring diagram

Table 3. RJ-11 FRAME Connector Pin-out

Pin	Function
1	RS422 Data "-"
2	Audio Input "+"
3	Audio Output "+"
4	Audio Output "-"
5	Audio Input "-"
6	RS422 Data "+"

2.7   OPTIONAL CONNECTIONS

☞ The following connections require an optional KP96-RC Rear Connector Panel on the back of the keypanel.

2.7.1   Expansion Panels and LCP-100A

Figure 6 shows optional connections when using expansion panel and / or level control panels with the keypanel. Use the cables supplied with the panels. A maximum of two expansion panels and three level control panels may be connected.