

Installation Guide

CSI-100 Coaxial System Interface

STEP 1

The CSI-100 can only be field installed in KP-32 series equipment if the rear panel has a knockout provided for the BNC connector on the CSI-100 board. See Figure 1 for the location of the knockout. If the knockout is present, proceed to STEP 2. If the knockout is not present, the CSI-100 can be installed, but requires factory level modifications. Contact RTS for pricing and instructions.

STEP 2

The backpanel and top cover of the keypanel must be removed in order to install the CSI-100. Begin by turning the unit over and remove the three screws along the bottom of the back panel as shown in Figure 2.

STEP 3

Turn the unit over. Remove the ten screws that secure the top cover on the unit. See Figure 3.

STEP 4

Remove the two standoffs on the 9-pin D-sub connector. You may also need to remove additional screws from the GPIO board if present. See Figure 3.

STEP 5

Remove the four screws securing the back panel to the keypanel frame. If a GPIO board is present, be careful to not disturb any of the wiring harness for the board. See Figure 3.

STEP 6

Locate the accessory connector on the keypanel motherboard. See Figure 4.

STEP 7

Locate the mating connector on the bottom of the CSI-100 board. See Figure 5.

STEP 8

With the BNC connector on the CSI-100 board facing out from the unit, slide the connector of the CSI-100 board onto the

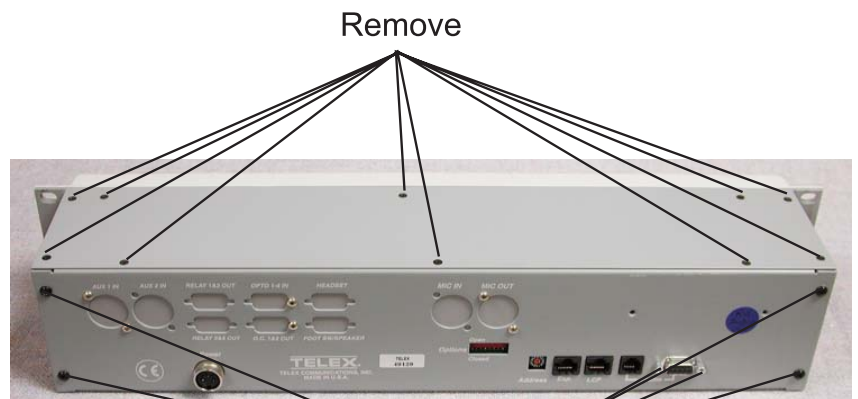


Figure 1 - CSI-100 coaxial connector location on backpanel.



Remove

Figure 2 - Bottom screw locations for backpanel removal.



Remove

Figure 3 - Top and rear screw/standoff locations for backpanel removal.

accessory connector on the keypanel motherboard being careful to align the mating pins properly.

STEP 9

Remove the knockout on the backpanel to allow the BNC on the CSI-100 board to pass through the backpanel.

STEP 10

Place the backpanel on the keypanel and then place the washer(s) and nut over the BNC connector and tighten.

STEP 11

Repeat steps 5 through 3 in reverse to reassemble the keypanel.

END OF PROCEDURE

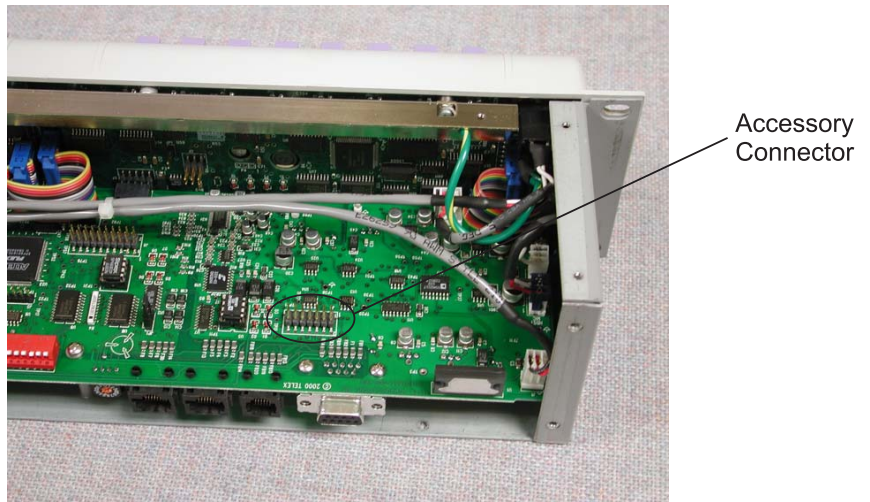


Figure 4 - Accessory connector on KP-32 series board.

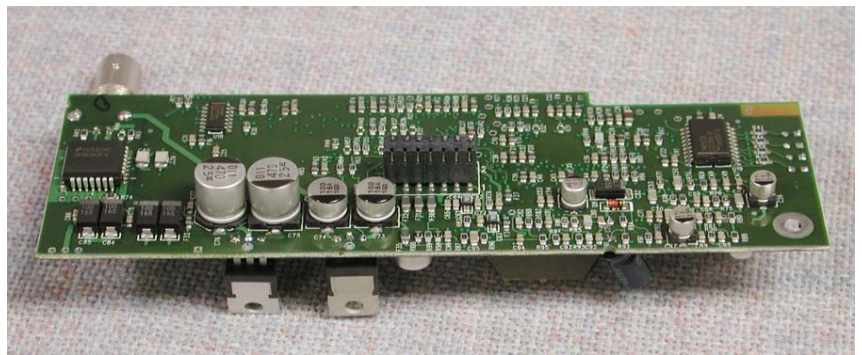


Figure 5 - Bottom view of CSI-100 board.



Figure 6 - View of installed CSI-100 board.