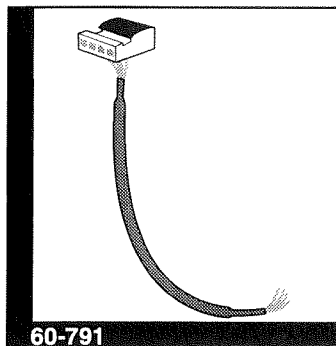


Programming Touchpad Cable

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INSTALLATION INSTRUCTIONS

Product Summary

The Programming Touchpad Cable lets you quickly and easily connect an alphanumeric touchpad to a Concord panel for on-site programming.

Since Concord systems require an alphanumeric touchpad for on-site programming, adding the cable to a touchpad gives installers a portable programming tool that can be used on any Concord system. This is especially helpful for Concord installations that do not include an alphanumeric touchpad and eliminates disturbing panel terminal connections.

Installation Guidelines

- Use insulated “B” type wire connectors for splices.
- To help prevent touchpad wires from breaking off from the circuit board, thread the touchpad wires through the touchpad’s backplate mounting holes. This provides strain relief for the connections.

Tools and Equipment Needed

- SuperBus 2x16 LCD Alphanumeric Touchpad—60-746 (not included)
- 4 “B” type wire connectors (not included)
- 1 Tie-Wrap (not included)
- Electrical Tape (not included)

Installation

1. Separate the touchpad from the backplate and set the touchpad aside.
2. Thread the cable end with the bare leads through the backplate mounting holes as shown in detail A in Figure 1.

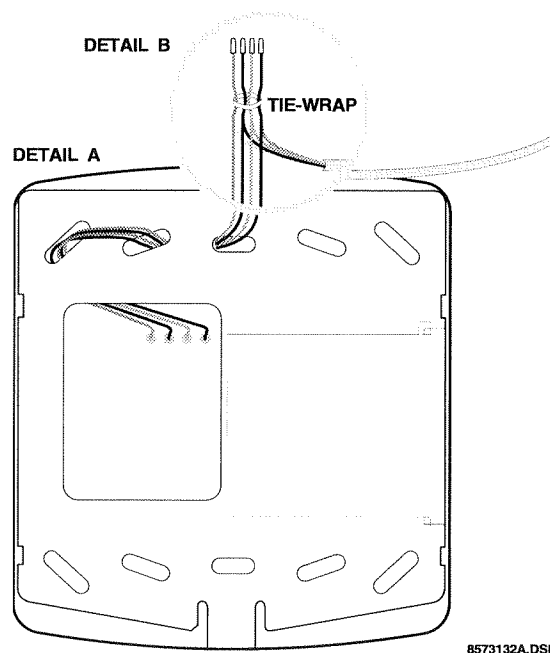


Figure 1. Threading the Cable Through the Backplate Mounting Holes, Splicing, and Tie-Wrapping Wires

3. Attach the backplate to the touchpad.
4. Connect the cable wires and touchpad wires together (color to color), then crimp an insulated “B” type connector on each wire connection as shown in detail B in Figure 1.

5. Install a tie-wrap around the wires, just below the splice points as shown in detail **B** in Figure 1. This provides strain relief and helps prevent splices from coming apart.
6. Completely cover the large backplate opening with electrical tape to help keep out foreign objects or material.

Connecting the Cable to the Panel

Connecting the cable to the panel's 4-pin header should be done only with AC and backup battery power removed.

To connect the cable to the panel's 4-pin header:

1. Disconnect panel AC and backup battery power.
2. Hold the cable by the plug with wires down and slide it onto the panel's 4-pin header as shown in Figure 2.

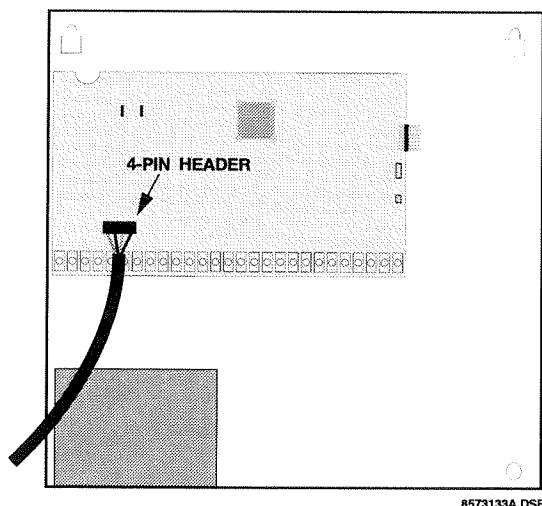


Figure 2. Connecting the Cable to the Panel

3. Connect the panel battery and plug in the panel transformer. The touchpad should show ***** briefly, then display a prompt to program the time and date.

Changing the Touchpad's Device Address

To help prevent bus conflicts, set the touchpad's device address to a number that is least likely to be used in an installation. Since most installations probably won't include 16 bus devices, it is recommended to set the programming touchpad's device address to 14. Each bus device must be set to a unique (different) address.

To change the touchpad's device address to 14:

1. At the touchpad, press and hold the **D** and **6** buttons together for at least 2 seconds. The display shows *DA n*, where *n* is the touchpad's current device address (000 - 015).

Note: At this time, the touchpad is in configuration mode and no longer communicating to the panel. The system may immediately indicate a bus failure. Ignore the failure and continue with the procedure, which will clear after successfully changing the touchpad's device address.

2. Press **#**. The display shows *ENTER _*.
3. Enter **014**, then press **#**. The display shows *DA 14*.
4. Press ***** to exit from the configuration mode.

Note: If the touchpad's new unit number was previously learned by the panel, communication between the touchpad and the panel begins immediately. However, if the touchpad's new unit number has never been learned by the panel, continue with step five.

5. Force the panel to scan bus devices as follows:
 - a). For systems where this is the only installed touchpad, remove panel AC and battery power, then re-apply power.
 - b). For systems with more than one touchpad, go to another system touchpad and enter **8 + installer CODE (default = 4321) + 0 + 1**. The display shows *SCANNING BUS DEVICES*.
6. The system may still indicate a bus failure if the panel learned a unit number that is no longer assigned to any bus device. To clear the failure, enter program mode and locate the unit number (under *BUS DEVICES*) and delete it by pressing **D**.

7. Exit from program mode. The touchpad and all other bus devices should operate correctly and any bus failures should be cleared.
8. Program the panel using the panel's *installation instructions*.

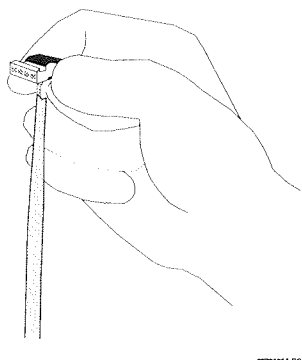
Removing the Touchpad

To prevent a trouble condition, you must delete the programming touchpad's device address from panel memory *before* disconnecting the touchpad.

To remove the programming touchpad:

1. After programming and testing are completed, enter program mode by entering:
8 + installer CODE (default = 4321) + 0 + 0.
2. Press **#** and the display shows *SECURITY*.
3. Press **A** or **B** until the display shows *ACCESSORY MODULES*, then press **#**. The display should read *BUS DEVICES*.
4. Press **#**. The display shows the lowest device address and its device name.
5. Press **A** or **B** until the display shows the programming touchpad's device address. For example:
UNIT - TYPE
14 - ATP
6. Press **D** to delete the device and its address from panel memory. The display shows:
UNIT - TYPE
14 - NONE
7. Exit program mode and disconnect the programming cable from the panel's 4-pin header.

CAUTION: To avoid damaging the cable wires, always grasp the programming cable by the plug when disconnecting it from the 4-pin header (see Figure 3).



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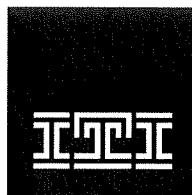
Figure 3. Grasping the Cable Plug

Specifications

Compatibility: Concord and Custom Versions

Notices

Not applicable for this device.



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