

481 Zone Expansion Interface Card

Description

The 481 Expansion Interface Card allows you to expand the XR500 Series, or XR2500F panel by up to 100 additional hardwire zones. The 481 provides one supervised, power limited 4-wire LX-Bus™ connection that supports combinations of the 711, 714, and 715 Zone Expanders, 716 Output Expanders, and 717 Graphic Annunciator Modules.

You can also connect the single point 5845LX ShatterPro Glassbreak Detector, 6155LX SharpShooter PIR, 521LX/521LXT Smoke Detector, and the 867 Addressable Notification Module to the LX-Bus. The 481 can also be used in conjunction with the 463G, 462N, 462P, and 472 interface cards.

The XR500 Series panel can support up to 500 protection zones on multiple LX-Buses when using the 461 Interface Adaptor Card and two or more 481 Expansion Interface Cards.

Installation Safety



Ground Yourself Before Handling the Panel! Touch any grounded metal, such as the enclosure, before touching the panel to discharge static.

Remove All Power From the Panel! Remove all AC and Battery power from the panel before installing or connecting any modules, cards, or wires to the panel.

Installing the 481 Card and Connecting Devices

1. Remove AC and battery power from the panel before installing the 481 card.
2. Align the 481 card 50 pin connector with the J6 connector and press the card onto the connector while applying even pressure to both sides of the board.
3. Connect the included 4-wire LX-Bus wiring to the harness as shown in Figure 1. All four wires are used.
4. Insert the harness connector into the 4-pin LX-Bus header on the bottom of the 481 card.
5. Restore power to the panel.

Note: Do not use shielded wire when using the LX-Bus. Do not connect the wires from the 481 Expansion Interface Card to panel terminals.

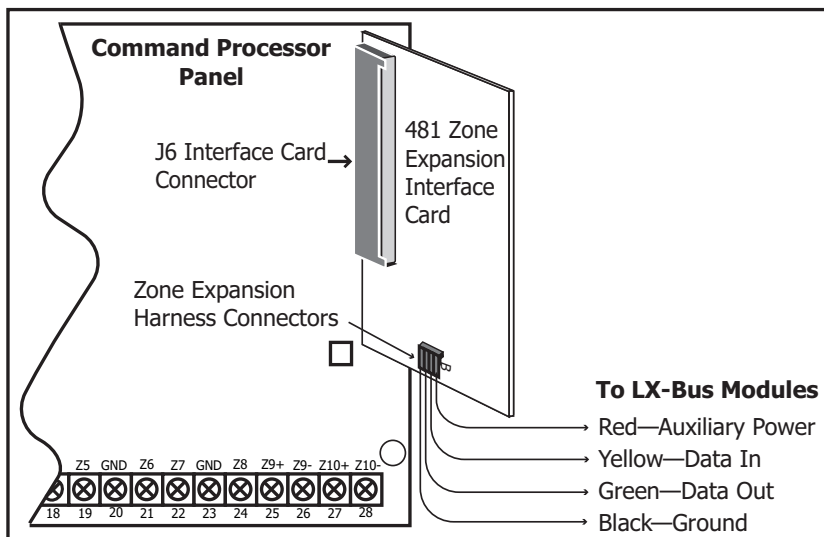


Figure 1: 481 Wiring Diagram

