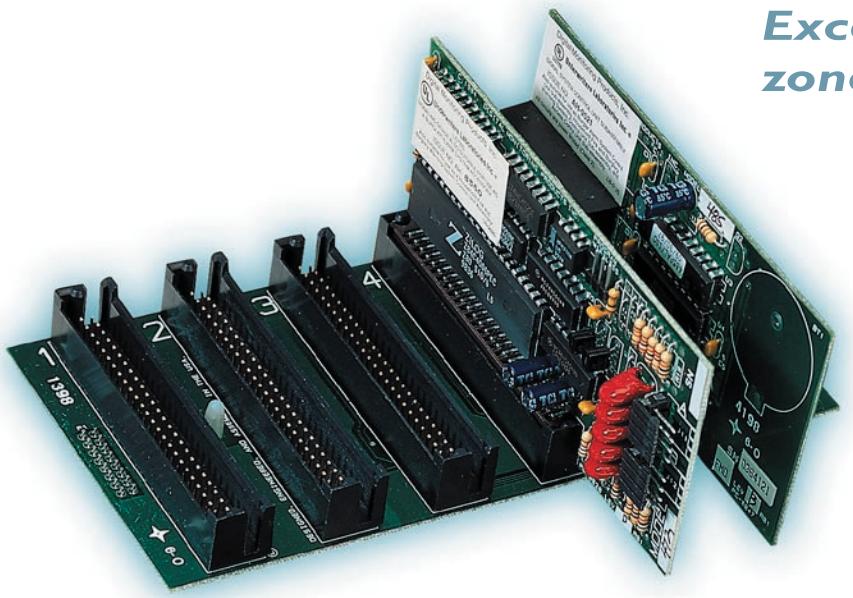
SPEC SHEET



Exceptional output and zone expansion options

DMP Interface Cards bring extra features to an already versatile and flexible burglary, fire, and access control system.

XR500 Series and XR2500F panels:

- Add up to five cards with the 461 Interface Adaptor Card
- Supports a total of 500 hardwire and wireless zones

XR200 or XR200-485 panels:

- Add zone expansion cards with the 460 Adaptor Card
- Supports up to 200 hardwire and wireless zones

Interface Cards provide system-enhancing features such as local printing, network communication, wireless expansion, and superfast upload/download times.

400 SERIES INTERFACE CARDS

INTERFACE CARD FEATURES

- Provides an LX-Bus™ connector for adding up to 100 zones on each card
- Plugs onto the panel expansion connector
- Install up to five cards into 460 or 461 Interface Adaptor Card
- Easily installs on panel—No tools necessary
- Panel automatically detects card
- Offers unique features to expand system functionality
- Simple 4-wire connection to devices
- Includes one LX-Bus harness

462N FEATURES

- Provides RS-232 connection to data network
- Connects to iCOM™ Network Alarm Router
- Connects to iCOM-E™ Encrypted Network Alarm Router
- Directly connects to Remote Link computer for panel programming or alarm monitoring

462P FEATURES

- Prints real-time or periodic events to a serial printer
- RS-232 cable supplied

472 FEATURES

- Compatible with Inovonics FA series 900MHz wireless transmitters
- Combines hardwire and wireless points on one system
- Allows expansion up to 200 wireless points

481 FEATURES

- Compatible with both single or multiple zone expansion modules
- Supports any combination of expansion modules

462FM FEATURES

- 32X faster upload/download times using dial-up
- Panel and 462FM share phone line

Digital Monitoring Products

400 SERIES INTERFACE CARDS

EASY INSTALLATION

You can use the Interface Cards individually or together to expand the Command Processor™ panel. The Interface Cards easily slide into a 50-pin expansion connector on the panel. When using more than one card, the 460 or 461 Interface Adaptor Card plugs into the expansion connector and provides five 50-pin male connectors into which you plug one or more Interface Cards for system expansion. Each connector is labeled to allow quick identification by installation or service personnel. A Model 350A or 350 Enclosure easily and conveniently houses the Command Processor™ panel and 460 or 461 Interface Adaptor card with any additional Interface Cards.

PANEL DETECTS THE CARDS

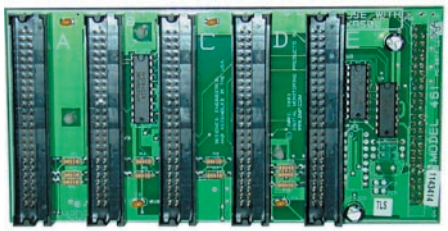
No special programming is required to use the Interface Cards. The panel automatically detects the hardware! You can use any combination of zone expansion, printer, data network, and wireless Interface Cards to maximize the full capability of the panel.

ZONE EXPANSION

Each DMP Interface Card provides an additional 100 LX-Bus zones. Completely expand the system by adding up to 500 devices to the XR500 Series and XR2500F or 200 devices to the XR200 and XR200-485. Use any combination of the 711, 714, 715, and 725 Zone Expanders, as well as 716 Output Expanders, 717 Graphic Annunciator Modules, and the full range of single-point LX-Bus detectors.

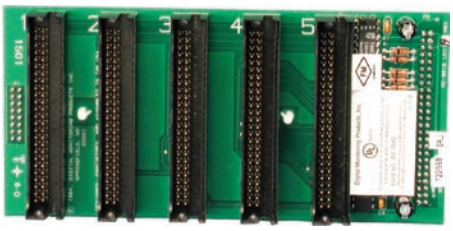
461 INTERFACE ADAPTOR

The 461 Interface Adaptor Card allows you to plug up to five expansion Interface Cards onto the XR500 Series or XR2500F panel.



460 INTERFACE ADAPTOR

The 460 Interface Adaptor Card allows you to plug up to five expansion Interface Cards onto the XR200 or XR200-485 panel.



462N NETWORK INTERFACE CARD

The 462N Network Interface Card allows you to connect the panel to a computer data network for central station communication.

The 462N uses the latest in data communication technology to provide an interface for the panel to send Host asynchronous digital format over high speed computer data networks. This capability eliminates the need for dedicated analog phone lines to the panel and costs associated with their installation and leasing.

NETWORK DEVICES

Use any of the following devices or software with the 462N Network Interface Card.

- 394 Direct Programming Cable
- 396 PC to iCOM Cable
- iCOM™ Network Alarm Router
- iCOM-E™ Encrypted Network Alarm Router
- Remote Link Programming Software
- System Link End-User Software
  - Alarm Monitoring Module
  - Command Center Module
  - Advanced Reporting Module
  - Account Groups Module
- Link Server Software

462P PRINTER INTERFACE CARD

The 462P Printer Interface Card allows you to connect a serial printer to a panel for real-time local printing of events such as alarms, troubles, openings and closings, and system reports. This information can be useful to customers for tracking employee and visitor access control and the current status of zones or other system indicators.

Service technicians can also periodically connect a printer to the 462P, access a restricted option in the panel User Menu, and print all events currently in the panel memory.

The 462P works with the DMP SCS-PTR printer or other 40-character or 80-character compatible serial printers. The SCS-PTR is a standard size 80-character dot matrix printer. The 462P includes a 10-foot RS-232 cable with an RJ-45 modular connector on one end that plugs into the card, and a DB-25 connector on the other end that plugs into the serial printer.

472 INOVONICS™ 900MHZ INTERFACE CARD

The 472 Inovonics™ 900MHz Interface Card allows you to add up to 200 wireless expansion zones or a combination of 100 wireless/100 hard-wired expansion zones.

The 472 provides a 3-wire connection to an FA400-DMP Receiver.

WIRELESS DEVICES

Use any of the following devices with the 472 Inovonics™ 900MHz Interface Card.

FA400-DMP	Remote Receiver
FA100	Command Transmitter
FA113	Keychain Remote Control
FA116	Executive Programmer
FA202	Smoke Detector
FA203S	Necklace Pendant
FA203D	Necklace Pendant
FA205S	Belt Clip
FA205D	Belt Clip
FA206I	Inovonics PIR
FA206S	Sharpshooter™ PIR
FA207	Glassbreak Detector
FA209	Wireless Bill Trap
FA223S	Water-Resistant Pendant
FA250	High-Power Universal
FA715	Wireless Survey Kit

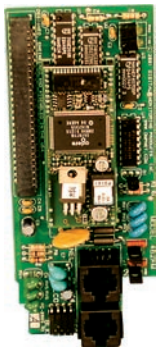
481 ZONE EXPANSION CARD

The 481 Zone Expansion Card provides an LX-Bus connection for connecting up to 100 zones and outputs. You may use any combination of single-zone or multiple-zone expansion modules on the LX-Bus.

462FM 9600 BAUD MODEM

The 462FM 9600 Baud Modem card allows you to remotely-connect to the panel over telephone lines and upload/download at 9600 baud using a standard Hayes compatible modem. Additionally, the fast modem card shares the phone line with the panel and does not require a second phone line.

Because the 462FM is designed to operate on a Digital Dialer system, the 462N Network Interface Card is not compatible with the 462FM card. Also, the 462FM is not compatible with the SCS-105 Single Line Receiver. Use a standard, Hayes compatible modem in your computer for proper communication.



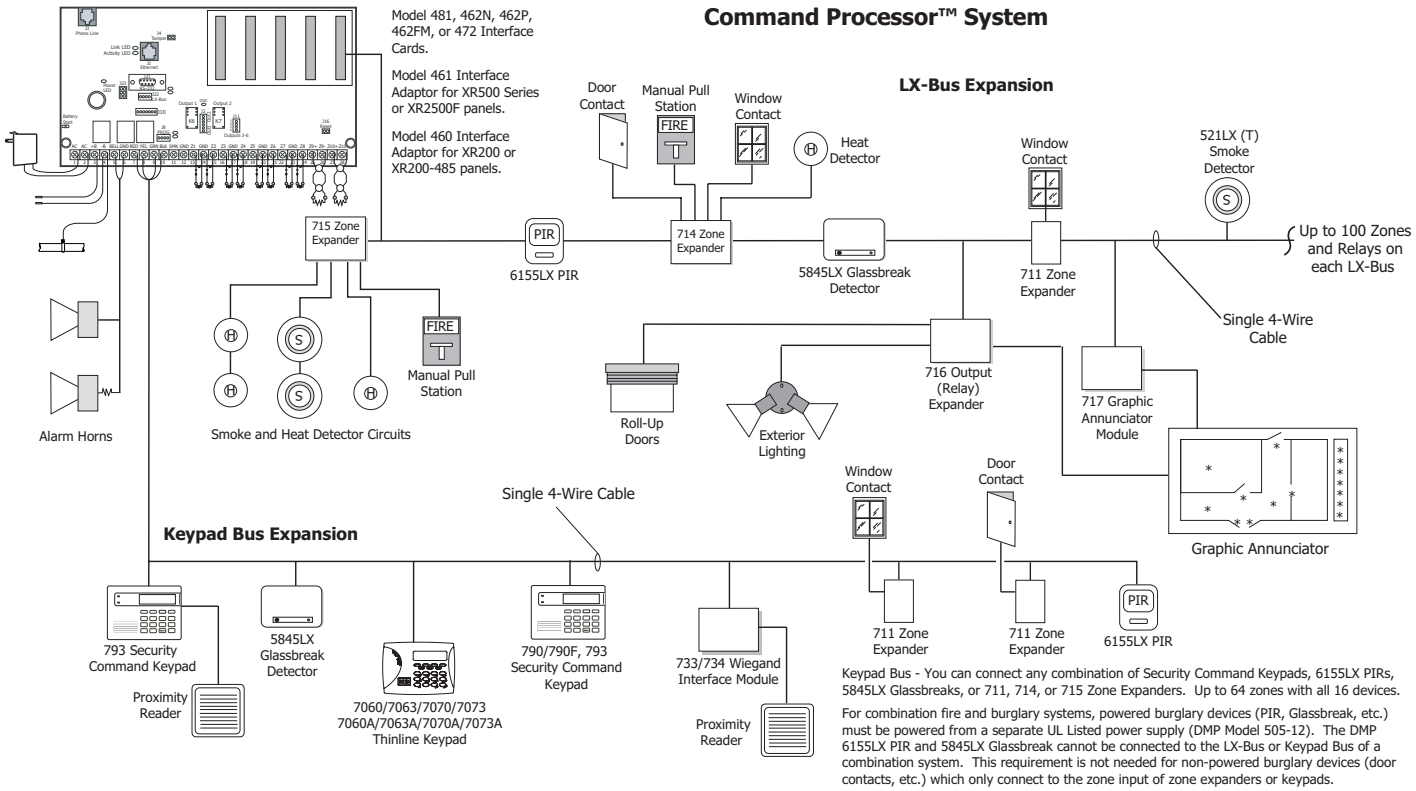
EXPANSION MODULES

Use any of the following products on the LX-Bus provided by the 462FM, 462N, 462P, 472, or 481 Interface Cards.

708	Bus Extender Modules
710	Bus Splitter/Repeater Module
710F	Fire Bus Splitter/Repeater Module
711	Single-Zone Expansion Module
714	Four-Zone Expansion Module
714-8	Eight-Zone Expansion Module
714-16	16-Zone Expansion Module
714-18T	Four-Zone Expansion Module, Single Strip Terminal Block
714-19T	Four-Zone Expansion Module, Dual Strip Terminal Block, EOL resistors
714-X	Four-Zone Expansion Module, Snap Track Housing
715	Four-Zone Expansion Module
715-8	Eight-Zone Expansion Module
715-16	16-Zone Expansion Module
715-18T	Four-Zone Expansion Module, Single Strip Terminal Block
715-20T	Four-Zone Expansion Module, Dual Strip Terminal Block, EOL resistors
716	Four-Output Expansion Module
717	Graphic Annunciator Module
725	24 VDC Four-Zone Expander (use with 710F)
736P	Radionics™ POPIT Interface Module
738A	Ademco™ Interface Module
738I	ITI Interface Module

LX-BUS EXPANSION

The following diagram shows a typical LX-Bus and keypad bus from an XR500 Series, XR2500F, XR200 and XR200-485 Command Processor™ Panel.



Keypad Bus - You can connect any combination of Security Command Keypads, 6155LX PIRs, 5845LX Glassbreaks, or 711, 714, or 715 Zone Expanders. Up to 64 zones with all 16 devices.

For combination fire and burglary systems, powered burglary devices (PIR, Glassbreak, etc.) must be powered from a separate UL Listed power supply (DMP Model 505-12). The DMP 6155LX PIR and 5845LX Glassbreak cannot be connected to the LX-Bus or Keypad Bus of a combination system. This requirement is not needed for non-powered burglary devices (door contacts, etc.) which only connect to the zone input of zone expanders or keypads.

462FM SPECIFICATIONS

Current Draw 265mA

Note: Not compatible with 462N.

462N SPECIFICATIONS

Current Draw 50mA

Note: Not compatible with 462FM.

462P SPECIFICATIONS

Current Draw 50mA

472 SPECIFICATIONS

Current Draw 85mA

Required when using FA-400-DMP Receiver

481 SPECIFICATIONS

Current Draw 15mA

INTERFACE CARD SPECIFICATIONS

Primary Power 12 VDC from panel

Note: An LX-Bus connection is not supplied with the 460 or 461. You must install an Interface Card to provide the LX-Bus.

461 SPECIFICATIONS

Panel Compatibility XR500 Series and XR2500F

Current Draw 7mA

Required when using more than one Interface Card

460 SPECIFICATIONS

Panel Compatibility XR200 and XR200-485

Current Draw 7mA

Required when using more than one Interface Card

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