

## 461 Interface Adaptor Card

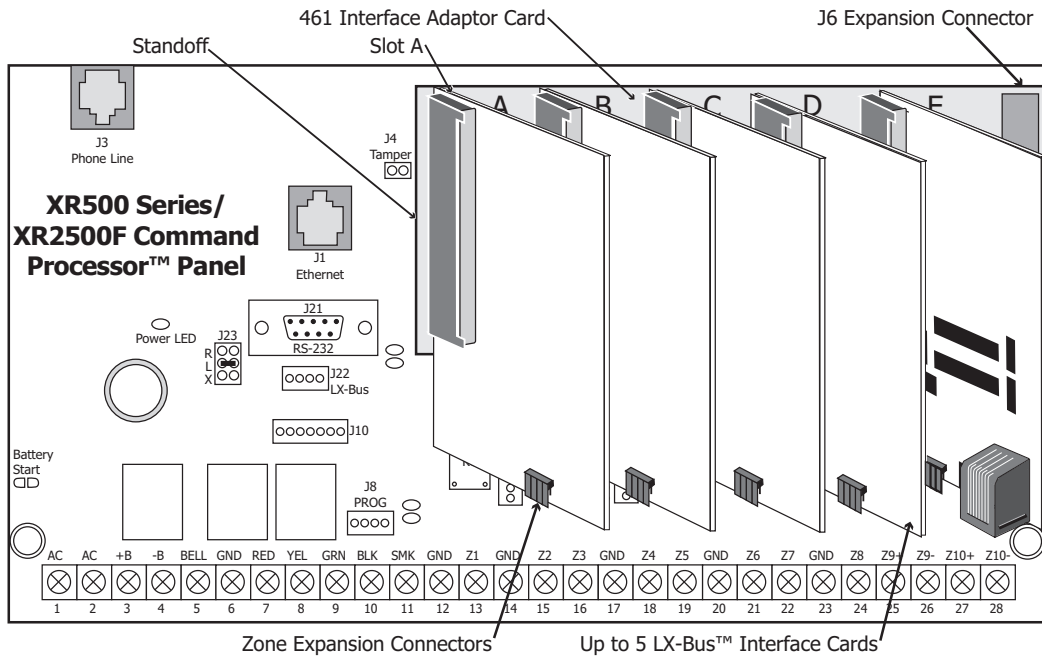
### Description

The 461 Interface Adaptor Card is a mounting assembly that allows the connection of up to five DMP LX-Bus™ interface cards to the XR500, XR500N, XR500E or XR2500F Command Processor™ Panels. Use any combination of zone expansion, printer, data network, and interface cards to maximize Command Processor panel capability.

### Installing the 461 card

Follow these steps for trouble-free 461 Interface Adaptor Card installation:

1. Remove AC and battery power from the panel before installing the 461 card.
2. Align the 50 pin P6 connector on the 461 with the 50 pin J6 connector on the panel. Align the standoff installed between slots A and B with the mounting hole in the panel.
3. Press the connectors together and the standoff into the panel mounting hole by applying even pressure to both sides of the board.
4. Install up to five interface cards from left to right in the slots marked A to E.

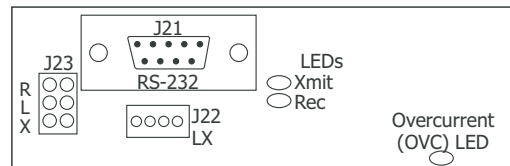


**Figure 1: 461 Interface Adaptor Card with Additional Interface Cards**

### J23 6-Pin Header

The panel supports RS-232, LX-Bus, and 1100 Series DMP Wireless operation. Only one operation can function at a time. Install a jumper on one pair of J23 header pins to indicate how the panel is programmed to operate. Refer to the table below when installing a jumper on J23. When a jumper is installed or moved on the 6-pin header, briefly reset the panel using the J16 jumper to activate the selected operation.

J23 6-Pin Header	
Letter	Operation
R	Standard RS-232
L	LX-Bus
X	1100 Series DMP Wireless



**Figure 2: J23 6-Pin Header**

The XR500 Series or XR2500F panels support up to 500 wireless bus zones and up to five LX-Bus circuits. Each Interface card LX-Bus circuit provides 100 hardware expansion zones. The maximum number of LX-Bus and wireless zones available on a fully populated panel is 500.

## LX-Bus, Wireless, and RS-232 Operation

**LX-Bus Operation:** Place a jumper on the two pins next to the letter "L" on the J23 6-Pin header. When using J22 as an LX-Bus, connect a DMP Model 300 4-wire Harness to the J22 4-pin header labeled LX. This provides the first 100 LX-Bus zones numbered 500-599. No LX-Bus Interface Card is required. Refer to the following tables to identify zone locations and numbers relative to J22 LX-Bus operation.

**Note:** Do NOT use shielded wire when using the J22 LX-Bus Header.

J22 LX-Bus Enabled (Set J23 to "L")		AND	One Interface Card		OR	461 Adaptor Card and Multiple Interface Cards	
LX-Bus	Zone Numbers		LX-Bus	Zone Numbers		LX-Bus	Zone Numbers
1	500-599		2	600-699		2 (A)	600-699
						3 (B)	700-799
						4 (C)	800-899
						5 (D)	900-999

J22 LX-Bus NOT Enabled  (J23 set to "X" or "R")	One Interface Card		OR	461 Adaptor Card and Multiple Interface Cards	
	LX-Bus	Zone Numbers		LX-Bus	Zone Numbers
	1	500-599		1 (A)	500-599
				2 (B)	600-699
				3 (C)	700-799
				4 (D)	800-899
				5 (E)	900-999

### Specifications

Current Draw 7mA

### Compatibility

XR500, XR500N, XR500E, and XR2500F  
Command Processor™ panels.

### Certifications

California State Fire Marshal (CSFM)  
New York City (FDNY COA #6055)  
UL 294 Access Control System Units  
UL 365 Police Connected Burglar  
UL 609 Local Burglar  
UL 636 Holdup Alarm Units and Systems Accessory

UL 1023	Household Burglar
UL 1076	Proprietary Burglar
UL 1610	Central Station Burglar
UL 1635	Digital Burglar
UL 985	Household Fire Warning
UL 864	Fire Protective Signaling
ULC 5545	Household Fire
ULC Subject-C1023	Household Burglar
ULC/ORD-C1076	Proprietary Burglar
ULC S304	Central Station Burglar



800-641-4282

www.dmp.com

Designed, Engineered and  
Assembled in U.S.A.

INTRUSION • FIRE • ACCESS • NETWORKS

2500 North Partnership Boulevard

Springfield, Missouri 65803-8877