Description

The 462N card allows the XR200 Command Processor™ Panel to communicate alarm, trouble, and system reports to the central station over existing computer data networks. The 462N allows you to configure the baud rate settings to match the network interface and provides Transmit and Receive LEDs for verifying network communication.

LX-Bus™ Expansion Capability

The 462N card also provides a 4-wire LX-Bus™ that allows you to connect up to 25 Model 714 and 715 Zone Expanders or 716 Output Expanders, up to 100 Model 711 and 711E Zone Expanders, 6155LX or DS775LX PIRs, and 5845LX Glassbreak sensors or any combination of these devices (up to the maximum of 100 zones) to the panel's LX-Bus™. Power for the devices is provided through the **Black** and **Red** wires of the expansion harness.

Installing the 462N module

1. Remove AC and battery power from the XR200 panel before installing the 462N card.

2. Carefully align the 50 pin connector of the 462N with the J6 connector on the XR200 panel.

3. Gently press the 462N onto the J6 connector while applying even pressure to both sides.

Installing the data cable

The data cable supplied with the 462N card contains one 8-pin modular end and one DB-25 male end.

1. Plug the cable's 8-pin modular end into the Network Cable Connector on the 462N.

2. Plug the cable's DB-25 male end into the appropriate connector on your data network equipment.
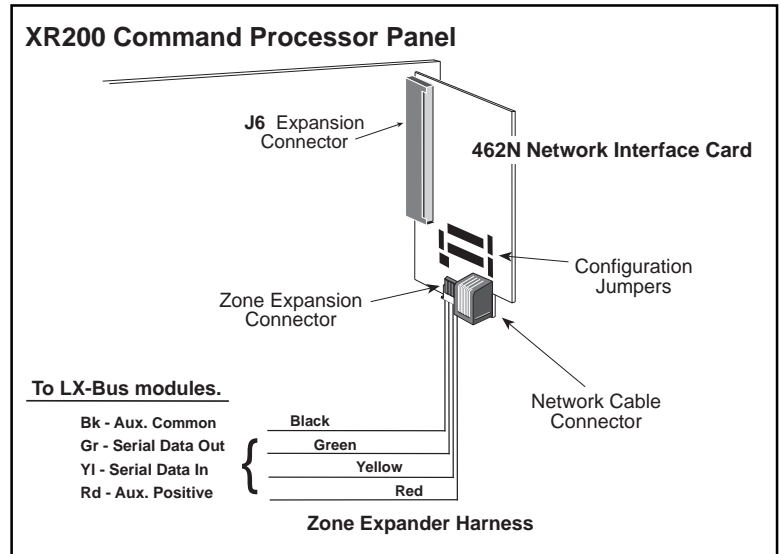

Figure 1: Installing the 462N on the XR200 panel

Refer to the documentation supplied with your data network equipment for additional system connections.

After installing the 462N card and data cable you can restore power to the XR200 panel.

462N configuration jumpers

RXD and TXD

The two RECEIVE and TRANSMIT (or PLL) jumpers labelled **RXD** and **TXD** are preset to **Yes** allowing you to match the card to your network's data baud rate. Use the baud rate jumpers to set the 462N card's baud rate to 300, 1200, 2400, 4800, or 9600 as needed.

If your network supplies its own data clock, move the **RXD** and **TXD** jumpers to **No** and set the baud rate jumpers to **EXT** (for external clock).

FORCE CTS jumper

If your network does not supply a Clear To Send signal, set the **FORCE CTS** jumper to **FORCE** to allow the 462N card to supply its own CTS signal.

DNET/HST

Set the jumper across either **DNET** or **HST** (Host) to match the Communication option you selected in the XR200 panel's programming.
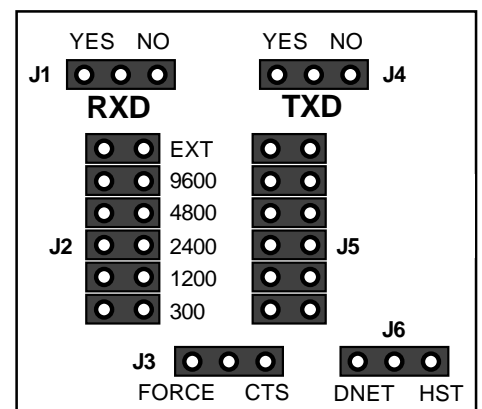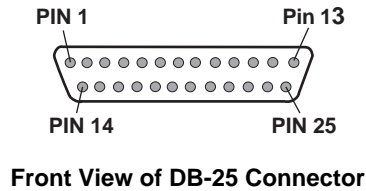

Figure 2: 462N jumper descriptions

Digital Monitoring Products

DB-25 pinout description

	PIN 1			Pin 13	

Front View of DB-25 Connector

Description	462N Pin #
Data Terminal Ready	20
Clear to Send	5
Ground	7
Receive Clock	17
Transmit Clock	15
Receive Data	3
Transmit Data	2
Request to Send	4

XR200 requirements

The 462N card requires the following XR200 programming options:

Under **COMMUNICATION**, select:

COMM TYPE:	**DNET** or **HST**	(for data network communications)
2ND LINE	**YES**	(only when using digital dialer backup)

Refer to the XR200 Programming Guide (LT-0196) for complete panel programming instructions.