Product Specifications

Primary Power	16.5 VAC 40VA plug-in transformer
Secondary Power	12 VDC 7.0 Ah battery
Auxiliary Power	1 Amp at 12 VDC (with or without battery)
Alarm Output	1.5 Amps at 12 VDC (with or without battery)
XR200M	XR200 panel in 349 Enclosure 12.5" H x 11.5" W x 3.0" D - 8 lbs w/ panel
XR200L	XR200 panel in 350 Enclosure 14.25" H x 17.0" W x 3.5" D - 10 lbs w/ panel
Enclosures	20 gauge cold rolled steel
Enclosure Colors	Black, Gray, or Red

Panel Accessories

Model	Description
305	Plug-in Relay
320	16.5 VAC 40VA wire-in transformer
321	16.5 VAC 40VA plug-in transformer
322	16.5 VAC 100VA wire-in transformer
349-A	Attack Resistant Enclosure - 18 gauge steel
350	Large Enclosure - holds 3 batteries/wire-in transformer
367	12 VDC 7.0 Ah lead-acid battery
370RJ	Lightning Suppressor with dual RJ jacks
394	Direct Programming Cable
430	10 Conductor Output Harness
491	Load Save Module - holds two full programs
865	Style Y or Z Notification Circuit Module
866	Supervised Notification Circuit Module
867	Supervised LX-Bus™ Notification Circuit Module
869	Dual Style D Initiating Circuit Module

Easy Entry™ Access Control Accessories

Model	Description
693	32-char. LCD, integral prox reader, door relay
733	Wiegand Interface Module
791	32-char. LCD, 4 zones, door relay, Wiegand input
793	32-char. LCD, int. prox reader, door relay, 4 zones
MP-5365	Narrow styled proximity reader for door mullions
PR-5355	Single gang mounted, attractive proximity reader
TL-5395	Switch plate styled proximity reader
1325	Credit card size, flexible proximity card
1345	Tough, plastic key chain proximity device
580	DMP Easy Entry™ magnetic stripe reader
585	DMP Easy Entry™ magnetic stripe card

Secure-Com™ Cellular and 2-Way Voice

Model	Description
Secure-Com™ Cellular	Easy to install advanced cellular system with interface, transceiver, and cable
381	Cellular Handset - 2-line LCD and lit keys
385	3dB Gain Cellular Antenna
VPL-12	Verifier® Plus 2-Way listen-in voice module
MC-42	Remote Microphone
RMC-12	Remote Microphone on RJ phone plate
RSM-12	Remote Speaker/Microphone unit

LX-Bus™ Expanders

Model	Description
711/711E	Single Point Zone Expanders
714	Zone Expander Module - 4 burglary zones
715	Zone Expander Module - 12 VDC powered zones
716	Relay Output Expander - 4 Form C (SPDT) and 4 switched grounds (open collectors)
717	Graphic Annunciator Module - 20 open collectors
460	Interface Card Adaptor Board/accepts up to 5 cards
462N	Network Interface Card with LX-Bus™
462P	Printer Interface Card with LX-Bus™
472	Hard-wire-less™ Card for wireless and LX-Bus™
481	LX-Bus™ Expansion Interface Card
485	Access Control Expansion Card

Security Command Keypads

Model	Description
670	16-char. fluorescent display keypad
690	32-char. LCD keypad
693	32-char. LCD, integral prox reader, door relay
770	16-char. fluorescent display keypad with 4 zones
771	16-char. fluorescent keypd w/ 4 zones and door relay
790	32-char. LCD, with 4 zones
791	32-char. LCD, 4 zones, door relay, Wiegand input
793	32-char. LCD, internal prox reader, door relay, 4 zones

Detectors

Model	Description
5845LX	Sentrol® ShatterPro with single zone expander
6155LX	Sentrol® Sharpshooter PIR with single zone expander
DS775LX	Detection Systems PIR with single zone expander
SLK-835	Hochiki 8-35 VDC Photoelectric Smoke Detector
HSB-200	Hochiki 2-wire smoke detector base

Wireless

Model	Description
FA400	Remote wireless receiver
FA426	16 Point wireless receiver
738A	Ademco® wireless interface module (32 points)

Listings and Approvals

- **Underwriters Laboratories - S3598**

  UL864 NFPA 72 Commercial Fire

  Local and Proprietary Protective Signaling

  Remote Station Protective Signaling

  Central Station

  UL365 Police Connected Burglar   UL609 Local Burglar

  UL985 Household Fire Warning   UL1635 Digital Burglar

  UL1023 Household Burglar   UL1076 Proprietary Burglar

  UL1610 Central Station Burglar

- **California State Fire Marshal - 7165-1157:105**
- **New York City MEA - 168-93-E Vol. 3**
- **Factory Mutual - Pending**

Burglary/Fire/Access Control

(UL)　　**MODEL XR200**　　(CSFM)　NYC MEA

XR200L in Model 350 Large Enclosure

Description

The DMP XR200 Command Processor™ Panel provides dealers and end users with the industry's most impressive array of alarm system features and options found in any one panel. The combination of capability, sophistication, and simple operation makes this panel the obvious choice for all your burglary, fire, and access control applications.

Communication

The XR200 is unmatched in communication capability with its Digital Dialer, Multiplex, Data Network communication over bank data and long range radio networks, or Cellular reporting to one or two DMP receivers. The DMP **Serial 3 SDLC** format supports 16-character user, zone, and area names to increase the central station's response time and limit their dependence on a computer database for message conversion.

You can also choose Modem IIe and Contact ID reporting to non-DMP receivers to meet a wide range of installation and monitoring requirements.

Digital Dialer/Multiplex

The XR200 panel sends alarm and system reports to the central station using the superfast SDLC communication format. SDLC has an average on-line time of 5.6 seconds, which complies with the 6 second minimum time requirement for savings plans offered by long distance carriers.

The XR200 panel's multiplex capability allows you to meet the requirements for installations where UL AA multiplex communication is either required or a viable option.
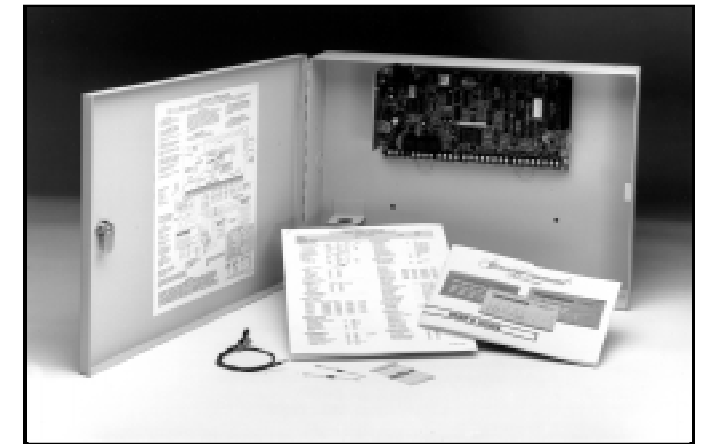
Secure-Com™ and Cell-Miser™

The XR200 also allows you to use the DMP **Secure-Com™** cellular phone system for primary or backup communication of alarm and system events to the central station. The program option **Cell-Miser™** additionally allows the panel to restrict calls to just alarm, trouble, abort, recall test, and delayed event reports over the Secure-Com cellular system.

Events Manager

You can also save up to 66% of your monitoring costs with the XR200 panel by using its Events Manager option. This feature allows the panel to buffer specific system reports and automatically download them to the receiver when the available memory is full or keep them in memory until you download them with Remote Access™.

Pager Direct™ Paging

The XR200 can send Alarm, Trouble, Opening, Closing, or Late to Close reports in plain English directly to a user's alphanumeric pager. Numeric versions of these reports can also be sent to non-alpha pagers. Pager Direct™ is a must have feature for anyone needing instant updates on the status of their system or for working parents wanting to confirm their children have arrived home safely from school. This is also an excellent application for protecting gun or drug cabinets as it allows direct paging when police response is not needed.

System Features

- Four independent partitions
- 20 individual reporting areas
- Up to 242 fully programmable zones
- Up to 242 graphic annunciator outputs
- Up to 202 programmable Form C relays
- 200 user codes with nine authority levels
- Pager Direct™ alphanumeric and numeric paging
- Supports Easy Entry™ access control keypads
- 7-day temporary user codes
- One ambush code for each partition
- Built-in programming from any keypad
- Program from your laptop with a 462N Interface Card
- Cross zoning between any zones in a partition
- One or more Common areas in each partition
- Permanent, Temporary, and up to 50 Output schedules
- Individual zone programming for instant, delay, priority, fire, fire verification, fire retard, panic, presignal, fast response, cross zoning, and fire supervisory
- Hardwire, 900 MHz, and 300 MHz wireless zone capability
- Swinger bypass option on all zones
- Zone bypass or force arming at arming
- Users can request a service call from their keypads
- Up to 234 two-wire smoke detector zones
- Area, All/Perimeter, or Home/Sleep/Away arming
- Eight supervised keypad addresses with 32 zones
- 4-wire keypad and zone expander connections
- 200 event history display from keypad
- Alternate reporting to 2 SCS-1 Receivers
- AA Multiplex, digital dialer, or data network reporting to UL listed DMP SCS-1 Security Receiver
- Secure-Com™ Cellular with Cell-Miser™
- Contact ID and Modem IIe reporting to non-DMP receivers
- Up to 60 second alarm transmission delay
- 1.5 Amps bell output
- 1 Amp auxiliary output
- Inherent power limited circuits
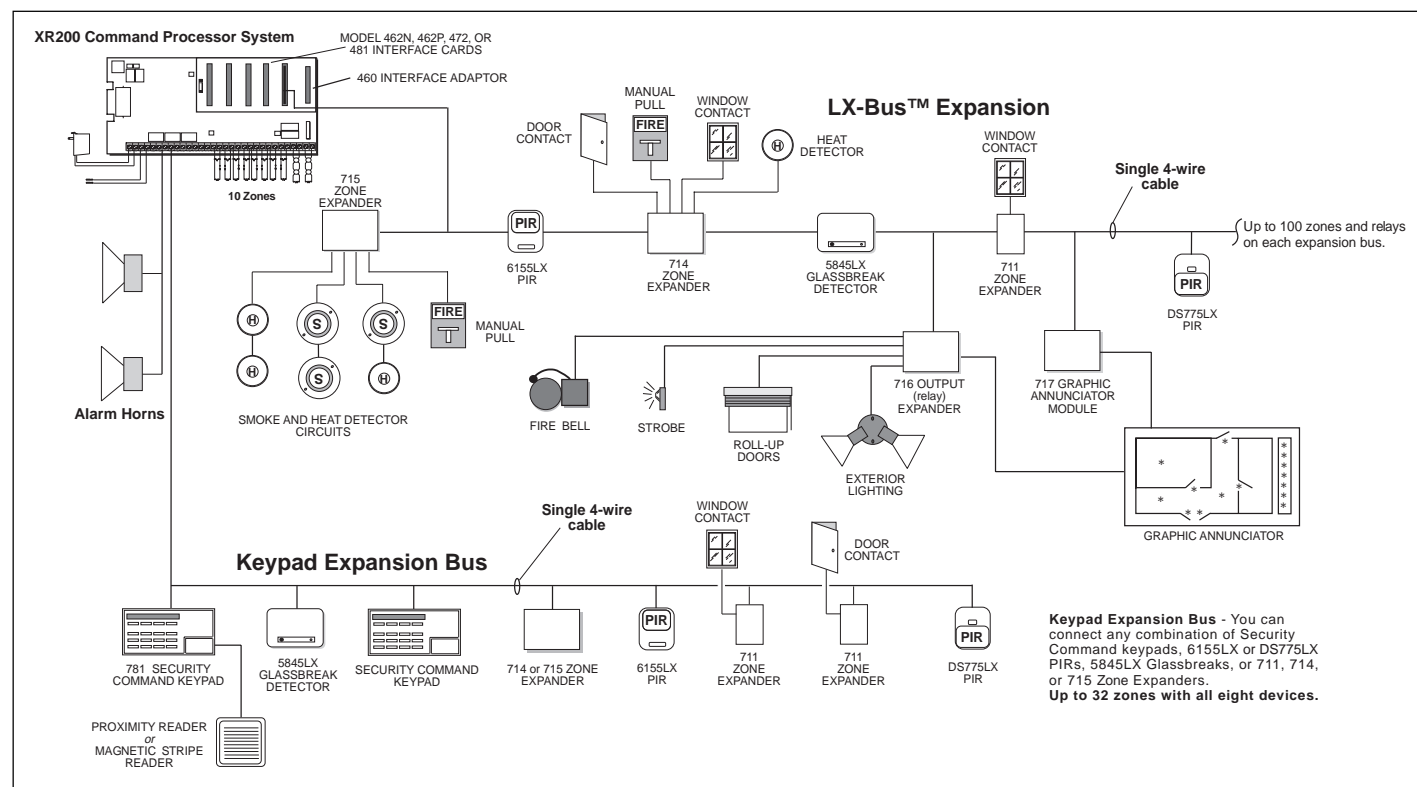- Automatic or deferred test reports

D M P
Digital Monitoring Products

XR200 Command Processor System

MODEL 462N, 462P, 472, OR 481 INTERFACE CARDS

460 INTERFACE ADAPTOR

715 ZONE EXPANDER
10 Zones

MANUAL PULL
FIRE

WINDOW CONTACT

LX-Bus™ Expansion

DOOR CONTACT

HEAT DETECTOR

WINDOW CONTACT

Single 4-wire cable

Up to 100 zones and relays on each expansion bus.

PIR
6155LX PIR

714 ZONE EXPANDER

5845LX GLASSBREAK DETECTOR

711 ZONE EXPANDER

PIR
DS775LX PIR

Alarm Horns

SMOKE AND HEAT DETECTOR CIRCUITS

FIRE
MANUAL PULL

FIRE BELL   STROBE

ROLL-UP DOORS

716 OUTPUT (relay) EXPANDER

EXTERIOR LIGHTING

717 GRAPHIC ANNUNCIATOR MODULE

GRAPHIC ANNUNCIATOR

Single 4-wire cable

WINDOW CONTACT

DOOR CONTACT

Keypad Expansion Bus

781 SECURITY COMMAND KEYPAD

5845LX GLASSBREAK DETECTOR

SECURITY COMMAND KEYPAD

714 or 715 ZONE EXPANDER

6155LX PIR

711 ZONE EXPANDER

711 ZONE EXPANDER

PIR
DS775LX PIR

Keypad Expansion Bus - You can connect any combination of Security Command keypads, 6155LX or DS775LX PIRs, 5845LX Glassbreaks, or 711, 714, or 715 Zone Expanders. Up to 32 zones with all eight devices.

PROXIMITY READER or MAGNETIC STRIPE READER

True Areas

The XR200 contains 20 fully independent programmable areas with separate account numbers, auto arming and disarming, armed output relays, schedules, opening/closing reports, and Bank Safe and Vault or Common Area operation.

Area Partitioning

The 20 areas on the XR200 are grouped into four partitions. Each partition provides common operating modes, exit delays, burglary outputs, and closing code options.

Area, All/Perimeter, and Home/Sleep/Away arming

The XR200 also allows you to program each partition for either Area, All/Perimeter, or Home/Sleep/Away operating modes. In **Area** mode, each area has a separate name and account number. **All/Perimeter** provides one Perimeter and one Interior area while **Home/Sleep/Away** provides Perimeter, Interior, and a Bedroom area that can be left off during sleeping hours.

Common Areas

One or more areas in an Area arming partition can also be designated as Common areas. These areas automatically arm when the last regular area in the partition is armed and disarm when the first regular area is disarmed. This is ideal for commercial lobbies or storage areas where users need common access to specific areas only.

False Alarm Reduction Features

- Exit Error keypad alert
- Transmit Delay
- Fire Verify Zones
- 2-Button Panic Keys
- Unique Duress Code
- System Recently Armed Reporting
- Abort Reporting
- System Test by User
- Call Waiting Cancel
- Cross Zoning

200 User Codes

You can assign up to 200 custom user codes in the XR200 panel. Customizing user codes allows you to select the system functions and keypad displays each user can access. You can also select standard authority level programming that provides nine fixed levels of access.

User code number one in each partition can also be programmed as an ambush code that sends a silent alarm when entered at a Security Command keypad.

Built-in Programmer and Diagnostics

The XR200 contains its Programmer on-board and does not require an external programmer. This allows installers and service technicians to program the panel and run the panel's advanced system diagnostics program from any keypad.

Optional Interface Cards

You can also add up to five expansion interface cards to give the XR200 unprecedented flexibility in system application.

The **462P Printer Card** allows you to connect a serial printer and provide real time 80-character printout of system events.

The **462N Network Card** allows you to connect the XR200 panel to a computer data network or long-range radio network, for superfast communication or to a laptop computer for local programming with Remote Access™ software.

The **472 Hard-wire-less™ Card** supports up to 200 wireless zones including the newest 900 MHz transmitters.

The **481 LX-Bus Card** provides one LX-Bus™ circuit for adding up to 100 expansion zones.

The **485 Access Control Expansion Card** increases memory capacity to 1000 users, 1200 events and 16 door access locations. Access control features include Holiday Schedules, Anti-Passback operation and Shift Schedules.

The 462P, 462N, and 472 cards each provide a 4-wire DMP LX-Bus™ connector for adding up to 100 zones to the panel.

Zone Expansion

The XR200 provides up to 242 zones you can program for a variety of burglary and fire applications. The panel contains eight burglary zones and two Class B 12 VDC powered zones. In addition, there are up to 32 zones available on the eight keypad addresses and up to 200 zones can be added using two or more 462N, 462P, 472, or 481 Expansion Interface Cards. The interface cards can plug directly into the panel or into a Model 460 Interface Adaptor Board. The 460 adaptor plugs into the expansion connector of the XR200 and provides five expansion interface card slots. Using the 460 board requires the 349A or 350 panel enclosure.

Each expansion card provides a 4-wire LX-Bus™ input to which you can connect 711, 711E, 714, or 715 Zone Expansion Modules, 6155LX and DS775LX PIR Detectors, and 5845LX Glassbreak Detectors. You can also add up to 25 Model 716 Output Expanders each containing 4 Form C relays and 4 open collectors for zone annunciation and Model 717 Graphic Annunciator Modules that provide 20 open collector zone indicator outputs.

Wireless Zones

Using a 472 Hard-wire-less™ Interface Card on the XR200 panel allows you to add up to 200 zones of 900 MHz Spread Spectrum wireless to the system. The 472 provides a 3-wire connection to an FA400 Wireless Remote Receiver. Individual RF devices you can install include standard and wide gap transmitters, smoke detectors, PIRs, glassbreaks, hand-held pendants, and real-time repeaters that can effectively double the range of installed transmitters.

The 738A Ademco Wireless Expansion Module allows you to add up to 32 supervised zones of Ademco series 5881 wireless devices to your system. This module connects to either the LX-Bus™ or the keypad bus and can be programmed from any DMP alpha keypad.

The FA426 Remote Wireless Receiver also allows you to add up to 16 points of Inovonics 900MHz wireless transmitters to your system. This module connects to either the LX-Bus™ or the keypad bus and is programmed using an Inovonics FA116 Executive Programmer.

Cross Zoning

This powerful feature allows multiple zones to be cross zoned and report alarms only when two or more are tripped within a programmable time of 4 to 250 seconds. Should just one zone trip, only a fault report is sent to the central station.

Four Programmable Entry Delay Times

Delay zones on the XR200 can be assigned any of the four programmable entry delays. You can program these entry times for 1 to 250 seconds in one second increments.

Schedules

The XR200 provides you with flexibility in system operation by offering three types of programmable schedules:

Primary and Secondary Schedules

These schedules are for use in such applications as Late to Close annunciation and auto arming. You can also program primary and secondary schedules to track users with 1 and 2 authority levels who arm and disarm the system outside of their allowed times.

Permanent and Temporary Schedules

Permanent schedules are similar to primary and secondary and are also intended for regular use. Temporary schedules, though, allow restricted access to trade or delivery men during nonbusiness hours.

Output Schedules

Output (relay) schedules allow you to automatically turn on or off any of the panel's relay or powered outputs. This feature allows you to control temperature sensors, HVAC, exterior lighting, or any contact activated device.

Outputs

The XR200 can provide two SPDT relay outputs and eight 12 VDC 50mA powered outputs with an optional plug-in relay and a Model 430 Wire Harness connected to the panel. Each relay is rated for 1.5 Amps at 30 VDC or 500mA at 120 VAC.
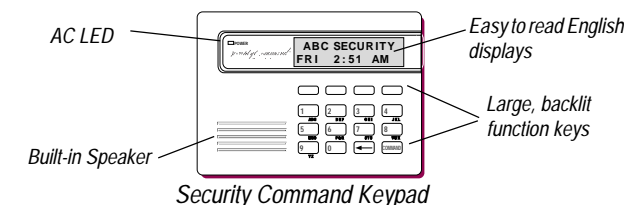
200 Event Memory

The XR200 stores up to 200 user and system events you can view or print at any time through the keypad User Menu. The Display Events feature allows you to view stored openings and closings, zone events, user code and schedule changes, door accesses, and supervisory events.

The powerful **Sort** feature lets you easily specify the type of user or system event information you want to view or print.

You can also download all events using the **Remote Access™** programming software from DMP. Downloaded files can be printed for delivery to subscribers or for tracking user activity.

Security Command Keypad

You can connect any DMP Security Command keypad to the XR200 panel. Each keypad has large function keys for entering information and a fluorescent blue or LCD display that allows users to view system events in almost all lighting conditions. The Security Command can also be coordinated to your customer's decor by ordering it in one of these colors: Black, Red, White, or Ivory.

AC LED

ABC SECURITY
FRI 2:51 AM

Easy to read English displays

Large, backlit function keys

Built-in Speaker

Security Command Keypad

Easy Entry™ Wiegand Keypads

For low cost access control, DMP has developed the **Easy Entry™** access system that allows you to connect the 693 or 793 keypads with built-in proximity readers. You can also connect external proximity and magnetic stripe access readers directly to a 693, 791, or 793 Easy Entry keypad.

Codeless Arming and Disarming

Users can now enjoy codeless arming and disarming of their systems using Easy Entry™ and still have their individual activity with user number logged in the panel's event memory.

Soft Shunt™

To provide an entry and exit window on systems with 24-hour perimeter protection, DMP has developed the Soft Shunt™ feature that can shunt zone two on the keypad for 30 seconds while the user enters or leaves the building.

Request to Exit

This feature allows you to automatically release a door strike or magnetic lock with the 693, 791, and 793 Easy Entry keypads by connecting a motion sensing or mechanical device to zone three. As the user trips the zone, the keypad activates its door strike relay allowing the user to exit the protected area without having to present a card to the access control reader.