



**INTERNET
MONITORING!**

NYC
MEA



242-Zone Burglary/Fire/Access Control Panel

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, long range radio networks, and the Internet, 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™

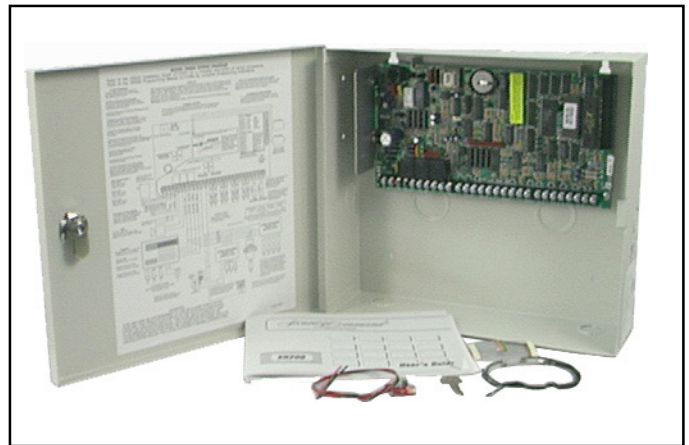
The XR200 also allows you to use the DMP Secure-Com™ cellular phone system for primary or backup communication of alarm and system events to the central station. The program option Cell-Miser™ additionally allows the panel to restrict calls to just alarm, trouble, abort, recall test, and delayed event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

Pager Direct™ Paging

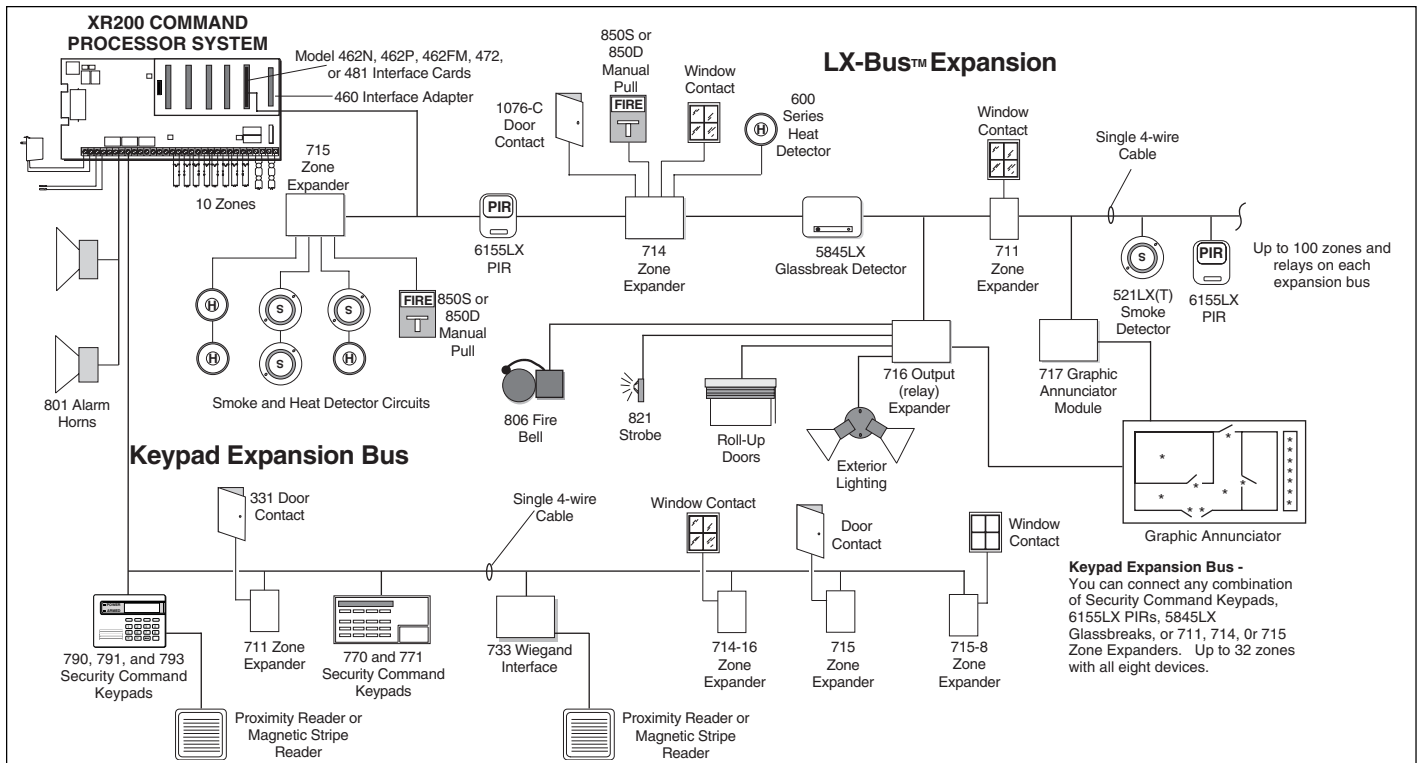
The XR200 can send Alarm, Trouble, Opening, Closing, or Late to Close reports in plain English directly to a user's alphanumeric pager. Numeric versions of these reports can also be sent to non-alpha pagers. Pager Direct™ is a must have feature for anyone needing instant updates on the status of their 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

- UL Listed for Internet Monitoring
- 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
- 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 two 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





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 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. All of the cards provide a 4-wire DMP LX-Bus™ connector for adding up to 100 zones to the panel.

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 Link™ software.

The **462FM Fast Modem Card** enhances the panel's internal modem to 9600 Baud.

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.

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, 462FM, 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.

Each expansion card provides a 4-wire LX-Bus™ input to which you can connect 711, 711E, 714, or 715 Zone Expansion Modules, 6155LX PIR Detectors, 5845LX Glassbreak Detectors, and 521XL/LXT Smoke 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, handheld pendants, and real-time repeaters that can effectively double the range of installed transmitters.

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.

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.

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 one zone trip, 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 to view or print.

You can also download events using the Remote Link™ programming software from DMP. Downloaded files can be printed for 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.



Easy Entry™ Wiegand Keypads

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

Codeless Arming and Disarming

Now enjoy codeless arming and disarming of systems using Easy Entry™ and still have individual activity with user number logged into 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 791 and 793 Easy Entry keypads, and the 733 Wiegand interface module 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.

Listings and Approvals

- Underwriters Laboratories - 53598
 - UL 864 NFPA 72 Commercial Fire
 - UL 365 Police Connected Burglar
 - UL 985 Household Fire Warning
 - UL 1610 Central Station Burglar
- UL 609 Local Burglar
- UL 1635 Digital Burglar
- UL 1076 Proprietary Burglar
- UL 1023 Household Burglar
- California State Fire Marshal - 7165-1157:105
- New York City MEA - 168-93-E Vol. 3
- Factory Mutual - 0D9A1.AY

Product Specifications

| | |
|---------------------|-----------------------------------------|
| Primary Power | 16.5 VAC 40VA transformer (Model 320) |
| Secondary Power | 12 VDC 7.0 Ah battery (Model 367) |
| Auxiliary Power | 1 Amp at 12 VDC |
| Alarm Output | 1.5 Amps at 12 VDC |
| Dimensions (XR200M) | 12.5" x 11.5" x 3.5" - 8 lbs. w/ panel |
| Dimensions (XR200L) | 17.5" x 13.5" x 3.5" - 16 lbs. w/ panel |
| Enclosures | 20 gauge cold rolled steel |
| Enclosure Colors | Gray, 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 |
| 350 | Large enclosure holds 3 batteries, wire-in transformer |
| 350A | Optional Attack Resistant 18 gauge enclosure |
| 367 | 12 VDC 7.0 Ah battery |
| 370RJ | Lightning Suppressor with dual RJ jacks |
| 394 | Direct Programming Cable |
| 430 | 10 Conductor Output Harness |
| 491 | Load Save Module |
| 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 |
| 895 | Voice Module |

Security Command Keypads

| Model | Description |
|-------|--------------------------------------------------|
| 630F | Remote Fire Command LCD, 4 function keys |
| 690 | 32-char. LCD keypad |
| 690F | Fire Command 32-char. LCD keypad |
| 770 | 16-char. fluorescent display keypad, 4 zones |
| 771 | 16-char. fluorescent keypad, 4 zones, door relay |
| 790 | 32-char. LCD keypad, 4 zones |
| 790F | Fire Command 32-char. LCD keypad, 4 zones |
| 791 | 32-char. LCD, 4 zones, door relay, Wiegand input |
| 793 | 32-char. LCD, internal prox, 4 zones, door relay |

Wireless

| Model | Description |
|-------|----------------------------------------------|
| FA400 | 200 Point 900Mhz wireless receiver |
| FA426 | 16 Point 900Mhz wireless receiver |
| 738A | Ademco Wireless Interface Module (32 points) |

LX-Bus™ Expanders

| Model | Description |
|----------|--------------------------------------------------------------------------|
| 711/711E | Single Point Zone Expander |
| 714 | Zone Expander (4) Class B zones |
| 714-8/16 | Zone Expander (8 or 16) Class B zones |
| 715 | Zone Expander (4) 2-wire smoke detectors |
| 715-8/16 | Zone Expander (8 or 16) 2-wire smoke detectors |
| 716 | Relay Output Expander - 4 Form C and 4 switched grounds (open collector) |
| 717 | Graphic Annunciator Module - 20 open collectors |
| 736P | Radionics Popit Interface Module |
| 738A | Ademco Interface Module |
| 460 | Interface Adaptor Card, holds up to 5 cards |
| 462N | Network Interface Card with LX-Bus |
| 462P | Printer Interface Card with LX-Bus |
| 462FM | Fast Modem 9600 Baud Modem w/ LX-Bus |
| 472 | Hard-wire-less Card- wireless and LX-Bus |
| 481 | LX-Bus Expansion Interface Card |

Easy Entry™ Access Control Accessories

| Model | Description |
|----------|-------------------------------------------------------|
| 485 | Access Control Interface Module |
| 733 | Wiegand Interface Module |
| 791 | 32-char. LCD keypad, 4-zones, door relay |
| 793 | 32-char. LCD keypad, int. prox reader, 4-zones, relay |
| M-5365 | Narrow proximity reader for door mullions |
| PP-6005B | ProxPoint Plus proximity reader |
| PR-5355 | Single gang mounted proximity reader |
| MX-5375 | MaxiProx proximity reader with 8' range |
| TL-5395 | ThinLine II switchplate size proximity reader |
| VP-6100 | Veriprox fingerprint/proximity card reader |
| VP-6200 | V-Pass fingerprint reader |
| 1306P | Prox Patch adhesive proximity device |
| 1326 | ProxCard II credit card size proximity card |
| 1346 | ProxKey II plastic key chain proximity device |
| 1351 | ProxPass proximity tag for vehicles |
| 1386 | ISOProx II, thin and flexible proximity card |

Detectors

| Model | Description |
|---------------|----------------------------------------------------|
| 521LX/521B | Addressable Smoke Detector w/CleanMe |
| 521LXT/521BXT | Addressable Smoke Detector w/heat and CleanMe |
| 5845LX | Sentrol ShatterPro with single zone expander |
| 6155LX | Sentrol SharpShooter PIR with single zone expander |
| SLR-835B | Hochiki 8-35 VDC photoelectric smoke detector |

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 phonne plate |
| RSM-12 | Remote Speaker/Microphone unit |

Digital Monitoring Products

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