



242-ZONE COMMERCIAL  
FIRE PACKAGE



NYC  
MEA



Description

The XR200F Command Processor™ fire package from DMP provides alarm dealers with the industry's most powerful addressable fire system available. The package is built around the proven XR200 Command Processor™ and offers that panel's reputation for reliability and full range of zone expansion, communication, and relay output capabilities.

Zone Expansion

The XR200F panel supports 242 fire zones. Each zone is programmable for a variety of fire protection applications. Six Class B powered zones are provided for supervising waterflow switches, smoke and heat detectors, pull stations, and other fire initiating devices. An additional 28 zones are available on the keypad data bus and up to 200 zones can be added using the 462N, 462P, or 481 Expansion Interface Cards and 711, 711E, 714, and 715 Zone Expander Modules.

Fire Zone Programming

You can program zones for fire, fire verify, fire retard, presignal, cross zoning, or fire supervisory. This flexibility allows you to match individual zone characteristics to the particular needs of any area in the fire installation.

Upload/Download Programming

You can program the XR200 through any alphanumeric keypad or remotely using the DMP Remote Link™ program. Remote Link™ also allows you to retrieve the panel's program and memory log at any time.

Communication

The XR200 panel's communication features include standard digital dialer, UL AA multiplex, Modem IIe, and Contact ID reporting to one or two UL listed receivers.

Industry's only digital communication format

The XR200F panel uses the IBM® SDLC format to send alarm and system reports to the central station in superfast digital data. Typical on-line times are under six seconds, compared to over 30 seconds with other formats.

Dual Reporting

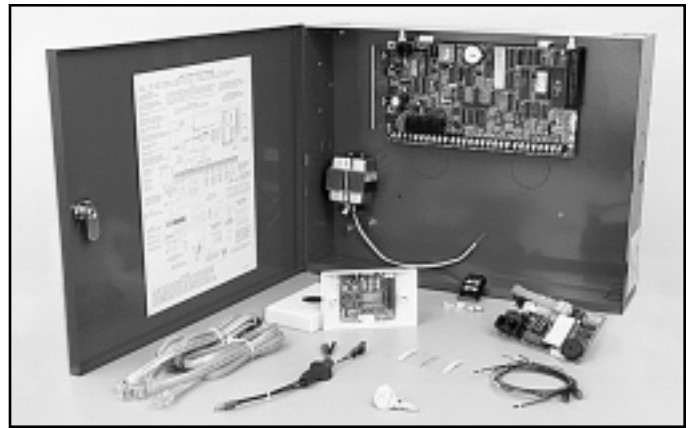
You can send reports to one or two DMP SCS-1 Receivers and use either receiver as a backup for when the other cannot be contacted.

Upgradable Access Control

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.

200 Addressable Notification Circuits

The XR200F panel supports up to 200 of the DMP 867 Addressable Style W Notification Circuit Modules for complete individual annunciation of protected areas. Each 867 can be set to a unique Supervisory address and Bell Relay address for zoned annunciation. The 867 can switch up to 5 Amps of Steady, Pulsed, Temporal, or Calif. Schools alarm power using an auxiliary power supply supervised by the 867 module.



System Features

- Up to 234 zones suitable for 2-wire smoke detectors
- Eight additional waterflow supervision zones using four Model 869 Dual Style D Initiating Modules
- Individual zone programming for fire, fire verification, fire retard, presignal, cross zoning, and fire supervisory
- Up to 200 individually supervised notification circuits
- Up to 242 graphic annunciator outputs
- Up to 202 programmable Form C relays
- 200 user codes with nine authority levels
- Multiple 865, 866, or 867 LX-Bus™ Notification Modules for zoned annunciation of alarms
- Large red enclosure holds up to three 7.0 Ah batteries and wire-in transformer
- Plain English system test by user
- Plain English User Menu of system functions
- Type 1 and Type 2 central station reporting
- Dual line digital dialer with supplementary data network reporting to DMP SCS-1 Security Receiver
- Alternate reporting to two UL listed SCS-1 Receivers
- Pager Direct™ alphanumeric and numeric paging
- Secure-Com™ Cellular reporting with Cell-Miser™
- Contact ID and Modem IIe reporting to non-DMP receivers
- Serviceman's Passcode restricts system access to authorized persons only with central station verification
- No external programmer required
- Internal Programmer accessible from any keypad
- Cross zoning between any zones to reduce false alarms
- Swinger bypass option on all zones
- Eight supervised keypad addresses with 32 zones
- 4-wire keypad and zone expander bus wiring
- Codeless system reset using optional proximity reader
- 200 event history can be viewed from keypad, printed, or retrieved remotely using DMP Remote Link™
- 1.5 Amps alarm bell output
- 1 Amp auxiliary output
- Inherent power limited circuits
- Automatic or deferred test reports



## Built-in Programmer

The XR200 contains its programming information in an on board processor and does not require an external programmer. Installers and service technicians can program and test the system from any keypad connected to the system.

## Local Printer

The 462P Printer Interface Card allows you to connect a local serial printer to the XR200F for real time printing or periodic printing of stored system events.

## Outputs

The XR200F package can provide two SPDT relay outputs and eight 12 VDC 50mA annunciator outputs by adding an optional Model 430 Wire Harness and two Model 305 Plug-in Output Relays to the panel. Each relay is rated for 1 Amp at 30 VDC or 500mA at 120 VAC.

Model 716 Output Expander Modules can also be added to increase the panel's relay capacity to 202 auxiliary Form C relays and 242 open collector outputs. Individual outputs can be activated by zone activity, manually through the keypad, or by one of up to 50 programmable schedules.

## 200 User Codes

You can assign up to 200 customized user codes in the XR200F panel allowing you to select the system functions and keypad displays each user can access. You can also select standard DMP authority level programming that provides nine fixed levels of access to the system.

## Listings and Approvals

- Underwriters Laboratories - S3598
  - Central Station Signaling
  - Local Protective Signaling
  - Remote Station Protective Signaling
  - Proprietary Protective Signaling
- California State Fire Marshal - 7165 1157:105
- New York City MEA - 168-93-E Vol. 3
- Factory Mutual - 0D9A1.AY

## XR200F Package Contents

Qty	Description
1	XR200 PCB Command Processor Panel
1	350-81 Large red panel enclosure
1	893 or 893A Dual Phone Line Module
1	715 or 715-18T Zone Expander Module
1	318 Dual Battery Harness
1	320 16 VAC, 40VA Wire-in transformer
1	325 120VAC terminal strip
2	356-7 RJ Phone cords

## Panel 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 (XR200F)	17.5" x 13.5" x 3.5" - 10 lbs. w/ panel
Enclosures	20 gauge cold rolled steel
Enclosure Color	Red

## Zone Expansion Modules

Model	Description
710	Bus Splitter / Repeater
711/711E	Single Class B 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
460	Interface Card Adaptor Board/accepts up to 5 cards
462N	Network Interface Card with LX-Bus
462P	Printer Interface Card with LX-Bus
481	LX-Bus Expansion Interface Card

## Accessories

Model	Description
305	Plug-in relay
320	16.5 VAC 40VA wire-in transformer
322	16.5 VAC 100VA wire-in transformer
367	12 VDC 7.0 Ah lead-acid battery
370RJ	Lightning Suppressor with dual RJ jacks
430	10 Conductor Output Harness
485/485B	Enhanced Access Control Expansion Card
491	Load Save Module
504	Power Supply 24V, 4 Amp
505	Power Supply 12V, 5 Amp
508	12/24 VDC Power Supply/Charger
601	Heat Detector with Rate of Rise 135° F
602	Heat Detector with Rate of Rise 200° F
603	Fixed Temperature Heat Detector 135° F
604	Fixed Temperature Heat Detector 200° F
690F	Fire Command 32-char. LCD keypad (Red)
790F	Fire Command 32-char. LCD keypad, 4 zones (Red)
801	Piezoelectric Mini Horn
802	Multitone Notification Appliance
803	Horn Appliance
806	Motor Bell
821	Sync/Non-sync Strobe
822	Sync/Non-sync Strobe Plate
823	Horn/Strobe Appliance
831	Single Sync Module
832	Dual Sync Module
850D	Dual Action Fire Alarm Pull Station
850S	Single Action Fire Alarm Pull Station
865	Style Y or Z Notification Circuit Module
866	Style W Notification Circuit Module
867	Style W LX-Bus Notification Circuit Module
869	Dual Style D Initiating Circuit Module
521LX	Addressable Smoke Detector w/CleanMe indicator
521LXT	Addressable Smoke Detector w/heat & CleanMe indicator
SLR-835B	DMP/Hochiki 8-35 VDC Photoelectric Smoke Detector with built-in Alarm/Status LEDs

## Digital Monitoring Products

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