

26-Zone Burglary/Fire Panel



MODEL XR20



Description

Setting the new standard in security/fire panels, the DMP XR20 Command Processor™ delivers more power and flexibility than any panel in its class. For demanding residential and commercial applications the XR20 provides ten on-board zones, 2-wire and 4-wire smoke detector capability, a full 1.5 Amp bell output, 600mA auxiliary output, Pager Direct™ paging, 32 user codes, access control capability, and daily opening and closing schedules.

The XR20 can be expanded to 26 zones by adding hardware or 900 MHz wireless zones to meet the protection requirements of any small to medium size residential or commercial installation.

Area, All/Perim, or Home/Sleep/Away Arming

The XR20 allows you to configure the system for Area arming with four separate areas, All/Perimeter with Perimeter and Interior areas, or Home/Sleep/Away arming with Perimeter, Interior, and a Bedrooms area. Users can arm the Perimeter and Interior areas at night while leaving the Bedrooms area disarmed.

User Codes

You can program up to 32 user codes in the XR20 panel and assign either a Standard or Master authority level to control each user's level of access to the system. User code number one can also be programmed as a special Ambush code that sends a silent alarm when entered at a Security Command keypad.

Premises Wireless

The XR20 gives you the flexibility of providing up to 16 zones of premises wireless protection by adding the Model FA426 Wireless Receiver. The FA426 accepts a wide assortment of 900 MHz wireless transmitters, PIRs, glassbreaks, and smoke detectors.

Pager Direct™ Alphanumeric Paging

The XR20 can also send Alarm, Trouble, Opening, Closing, and Check-in reports directly to users through their pagers. No additional hardware or modules are required. This is a must feature for anyone needing instant updates on the status of their system or for working parents wanting to confirm their latchkey children have arrived safely home from school.

Access Control

The XR20 also supports the 693, 781, 791, and 793 Easy Entry™ Keypads with built-in and external proximity or magnetic stripe access control readers. Users can enjoy the benefits of codeless arming and disarming of the system without compromising security.

Communication Superiority

The XR20 beats the competition with its ability to communicate using DMP Synchronous Data Link Control (SDLC) digital dialer, cellular, 4-2, or Modem IIe reporting to one or two receivers. You can also use the Transmit Delay, Exit Error, Cross Zoning, and Abort Reports features for superior False Alarm Reduction.

Listings and Approvals

Underwriters Laboratories - S5392

California State Fire Marshal - 7167-1157:103



System Features

- Ten on-board zones
- One 2-wire smoke detector zone
- Expandable to 26 zones by adding hardware or wireless expansion zones
- 1.5 Amp bell output
- 600mA aux. output, 100mA is switched smoke output
- 32 user codes with authority levels
- "Arm only" user code option
- Optional Ambush code
- Area, All/Perimeter, or Home/Sleep/Away operating modes
- Automatic arming and disarming
- Easy Exit™ feature
- Built-in clock adjustable from keypads
- Open/Close schedules with Closing Check
- SDLC digital dialer, 4-2, and Modem IIe reporting
- Secure-Com™ Cellular communication
- PhoneAccess™ allows you to arm, disarm, or just check the status of the system over the public telephone network
- Pager Direct™ reporting to customers' pagers
- Built-in English text programming from any keypad
- Remote program/download with Remote Access™
- Supports 791 keypad and proximity or mag readers
- Supports 693/793 keypads with built-in prox reader
- Four outputs for annunciation and control applications
- Cross zoning between zones to reduce false alarms
- Individual zone programming for instant, delay, priority, fire, fire verification, panic, swinger bypass, cross zoning, and fire supervisory
- 16-character zone and area names
- Review up to 100 event history displays from keypad
- Alternate reporting to 2 central station receivers
- Up to 60 second Transmit Delay to reduce false alarms
- Abort reports to reduce false alarms
- System test by user

Cross Zoning

This powerful, false alarm reduction feature allows multiple zones to be cross zoned and report alarms only when two or more are faulted within a programmable time of 1 to 250 seconds. Should just one zone trip, only a zone fault report is sent to the receiver.

Event Memory

The XR20 logs up to 100 user and system events in memory that you can view at any time through the keypad. The Display Events feature allows users to view stored openings and closings, zone events, user code changes, and system status events.

Annunciator Outputs

The XR20 provides four open collector outputs that can be used for a variety of remote control and annunciation applications. Each output is rated for 50mA maximum at 12 VDC.

2-Way Voice and Listen-in

You can also add the VPL-12 Verifier® 2-way voice system to the XR20 and allow your central station operators to listen-in and talk to persons on site of an alarm. This false alarm reduction feature lets the operator verify that an alarm report is genuine before dispatching the authorities.

Security Command® Keypads

The XR20 allows you to connect any number of alphanumeric and LED keypads to the panel with the ability to supervise up to four alphanumeric Security Command keypads.

Panic Button Keypads

The XR20 panel also supports the DMP 690/790 Security Command series keypads with three 2-button panic keys. These 32-character keypads allow users to send Police, Emergency, or Fire reports to the central station just by pressing two clearly labeled keypad buttons.

Remote Programming

You can remote program XR20 panels using Remote Access™ programming software from DMP. You can load programs into new accounts or make copies of existing programs. You can also copy event logs for diagnostics or as a billable service.

Built-in Programmer

The XR20 also contains an internal English text Programmer that allows installers and service technicians to easily program and test the panel from any keypad. A special lockout code restricts access to only authorized persons.

Panel Specifications

Primary Power	16.5 VAC 40VA transformer
Secondary Power	12 VDC 7.0 Ah battery
Auxiliary Output	500mA at 12 VDC
Auxiliary Smoke Output	100mA at 12 VDC
Alarm Output	1.5 Amps at 12 VDC
Annunciator Outputs (4)	50mA each at 12 or 24 VDC
Enclosure	20 gauge cold rolled steel (Gray)
Dimensions	12.5" H x 9.5" W x 2.75" D
Weight	4 lbs. with panel

Panel Accessories

Model	Description
300	Plug-in open collector output harness
320	16.5 VAC 40VA wire-in transformer
321	16.5 VAC 40VA plug-in transformer
349A	Optional Attack Resistant 18 gauge enclosure
367	12 VDC 6.5 Ah battery
370RJ	Lightning Suppressor with dual RJ jacks
FA426	900 MHz Wireless Receiver
733	Weigand Interface Module
MP-5365	Narrow styled proximity reader for door mullions
PR-5355	Single gang mounting proximity reader
TL-5395	Switch plate mounting 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
SLK-835	Hochiki 8-35 VDC photoelectric smoke detector
HSB-200	Hochiki 2-wire smoke detector base
VPL-12	Verifier® Plus 2-Way listen-in voice module
MC-42	Remote Microphone
RMC-12	Remote Microphone mounted on phone plate
RSM-12	Remote Speaker/Microphone unit

Security Command Keypads

Model	Description
670	16-char. fluorescent display keypad
690	32-char. LCD keypad
692	10-Zone LED keypad with panic keys
693	32-char. LCD, integral prox reader, door relay
770	16-char. fluorescent display keypad with 4 zones
771	16-char. fluorescent keypad with 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, integral prox reader, door relay, 4 zones

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