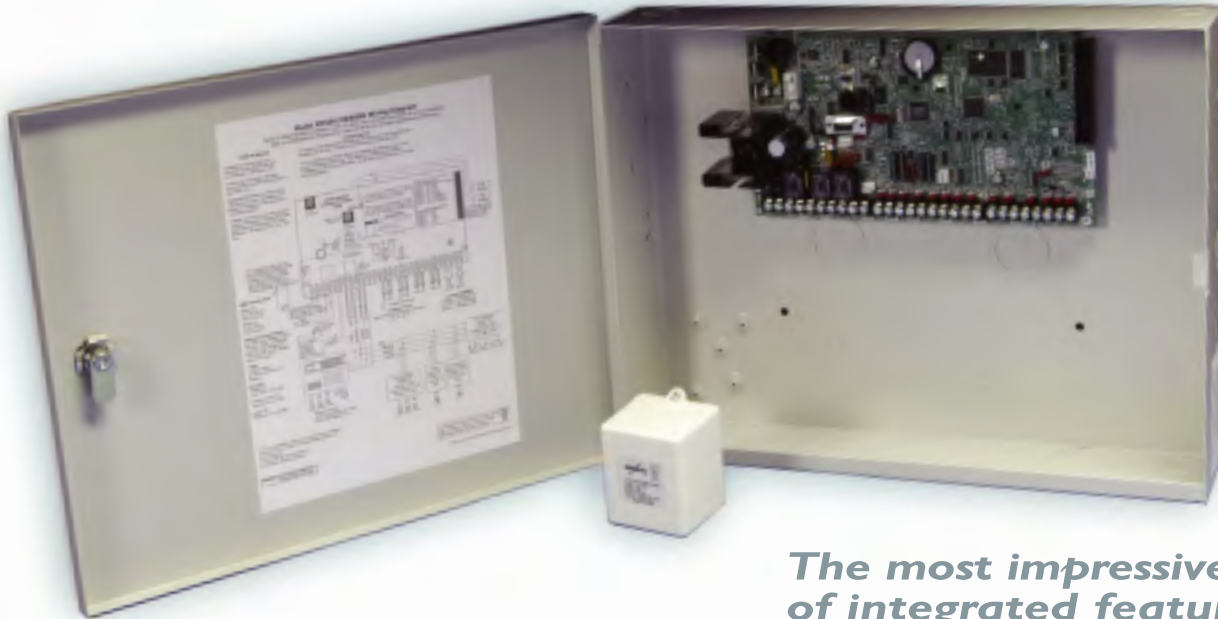


XR500



The most impressive array of integrated features

- UL Listed for Burglary, Fire, Access Control
- Suitable for Bank and Government installations
- On-board Ethernet connection
- Flash Updatable
- Built-in AES Encryption
- Compatible with DMP 1100X Series Two-Way Wireless
- Provides support to up to 100 DMP Wireless devices
- Select Area, All/Perimeter, or Home/Sleep/Away operation

DMP XR500 Series Command Processor™ Panels meet all your burglary, fire, and access control applications needs.

XR500 SERIES ACCESS/BURGLARY/FIRE 574-ZONE COMMAND PROCESSOR™ PANEL

SYSTEM FEATURES

- Flash Updatable: No more firmware chips to replace
- 32 individual reporting areas, with common areas
- Up to 16 supervised door access-points and/or keypads
- Output Groups: Maximum functionality-Minimum programming
- Up to 502 fully-programmable Form C relays
- Up to 562 two-wire smoke detector or fire initiating zones
- 10,000 user codes with 99 profiles
- 12,000 event buffer
- Up to four independent Shift schedules per area OR use one Shift schedule to control all areas
- Up to 100 output schedules to control relays and panel outputs
- Up to 20 holiday dates for shift and output schedules
- Optional user authority to temporarily extend Shift schedules
- Serial 3 digital dialer or CID reporting to multiple receivers
- Built-in phone line monitor
- Built-in DB-9 RS-232 or LX-Bus (Selectable)
- Multi-lingual menus available
- Built-in remote or on-site feature upgrade capability
- 1.5 Amps 12 VDC smoke and auxiliary output with OVC protection
- 16.5 VAC 50 VA plug-in transformer included
- 1.5 Amps 12 VDC supervised bell output
- Multiple on-board status LEDs

XR500N/XR500E SYSTEM FEATURES

- On-Board Ethernet
- Bank, Safe & Vault Operation
- Two Man Rule, Panic Button Test, and Early Morning Ambush

XR500E SYSTEM FEATURES

- Built-in AES (Advanced Encryption Standard) Encryption
- NIST Certified and UL Listed Encryption
- Unique user-programmable Passphrase for greater security

NETWORK COMMUNICATION

The XR500N Network version is the perfect solution for multi-site applications where the Internet or LAN/WAN is available.

Built-in Ethernet communication enhances network options and provides UL High Line Security (UL AA). Both UDP and TCP communications are supported.

ENCRYPTION

In addition to all the XR500N capabilities, the XR500E offers AES (Advanced Encryption Standard) Encryption to ensure secure data transmission by using a unique alphanumeric passphrase. The XR500E does not require a separate router to provide encrypted data transmission and is ideal for secure environments where encrypted data is required. UL Listed and NIST Certified Encryption.

COMMUNICATION

The XR500 Series is unmatched in its communication capability with Serial 3 digital dialer, CID, and Network Monitoring. In addition, the XR500 Series can report to multiple central station receivers. DMP Serial 3 format supports 16-character user, zone, and area names to decrease the central station response time and limit dependence on automation literal tables for message conversion.

BUILT-IN PROGRAMMER AND DIAGNOSTICS

No programming device required enables installers and service technicians to fully program the system and run diagnostics from any DMP LCD keypad.

CANCEL/VERIFY

In a Home/Sleep/Away or All/Perimeter system, CANCEL a burglary alarm or VERIFY that a valid burglar alarm has occurred. Selecting VERIFY manually verifies the alarm and an alarm verification message is sent to the Central Station.

FLASH UPDATABLE

The XR100 Series panel accepts software updates from a remote location using Remote Link™ software. As new XR100 feature updates release, perform the flash update remotely. No need to make a trip to the site to update the panel with the latest software version.

AREAS

Program up to 32 areas with a variety of options, including independent arming. Each area has a unique name and may have its own account number.

Common areas automatically arm when the last independent area is armed, and disarm when the first independent area is disarmed. This is ideal for lobbies or areas where users need common access to specific areas only.

AREA DISPLAY

To provide maximum system flexibility, any combination of areas may be assigned to a particular keypad. In this manner, a 32-area system could function as 16 mini-systems, each having two areas of protection that are controlled from a single keypad.

ALL/PERIMETER OR HOME/SLEEP/AWAY OPTIONS

The XR500 Series panels support All/Perimeter or Home/Sleep/Away operation.

When All/Perimeter operation is selected, Area 1 is the Perimeter and can be separately armed allowing Area 2, the Interior, to remain unarmed while you are inside.

When Home/Sleep/Away operation is selected, Areas 1 and 2 operate as in an All/Perimeter system. Area 3 is the Bedroom area and allows users to arm the perimeter and interior at night while leaving the bedroom area disarmed.

DMP WIRELESS

The easily programmable 900MHz frequency-hopping spread-spectrum DMP 1100X



Series wireless features two-way communication for superior operation, supervision, and battery life. Two-way communication minimizes repetitive signaling and helps to quickly identify missing transmitters. Simple keypad access can be used to verify wireless device zones are in working order.

ZONE EXPANSION

The XR500 provides up to 574 zones, programmable for burglary, fire, and access applications. The system contains eight burglary zones and two Class B 12 VDC powered zones. Up to 64 zones are available on 16 keypad addresses and up to 100 zones are available on the built-in LX-Bus. Add up to 500 zones using Expansion Modules.

CROSS-ZONING

This powerful feature allows zones to be programmed to report alarms only when one or more zones trip twice within 4 to 250 programmable seconds. If only one zone trips within the specified time, a fault report is sent to the central station.

10,000 USER CODES

Each user can be assigned to one of 99 different Profiles that provide access to any combination of areas.

12,000 EVENT MEMORY

The Display Events feature allows users to view up to 2,000 stored openings and closings, zone events, user code and schedule changes, and supervisory events. Sort events by a particular user, door, and date range. The remaining 10,000 events detail door access granted events separately for easy review. Events may be viewed at any system keypad or uploaded to Remote Link™ software.

EVENTS MANAGER

Save dial-up monitoring costs by using the Events Manager option to buffer specific non-alarm reports. Automatically download them to the receiver when memory is full or keep them in memory until downloaded with DMP Remote Link™ Software.

FIRE DRILL AND ONE-MAN WALK TEST

Users can test fire notification bells using the Fire Drill feature. A special code is also available for installers to test the system. The one-man walk test feature allows a single technician to check the panel response to burglary, fire, panic and supervisory zones.

OUTPUTS

The XR500 allows the use of two SPDT relay outputs and four open collector outputs, which may be activated by zone or system events, by schedule, through the User Menu or when a card is presented. Output Groups allow multiple outputs to activate with a single event and/or can be assigned to a particular user profile. Up to 500 outputs are available on the XR500 LX-Bus when optional output expanders are used.

OUTPUT SCHEDULES

Achieve maximum system flexibility with 100 programmable schedules that simplify planning and operations. Control any contact-activated device with schedules that automatically regulate relays and switched-ground outputs.

DOOR STRIKE SCHEDULES WITH OVERRIDE

Specific doors may use output schedules to unlock during certain times of the day or night, or the card reader can be completely disabled when desired. The schedule override feature keeps doors locked should the business open late or close early for whatever reason.

SHIFT SCHEDULES WITH HOLIDAYS

Up to four independent Shift schedules are available for each of the 32 areas. Shift schedules are used when areas are programmed to automatically arm or disarm and to transmit area Late-to-Close reports. Shift schedules are assigned to user authorities, called Profiles, to define scheduled permissions for system users. Override normal day-to-day schedules up to a year in advance with up to 20 user-selectable Holiday Dates. Independent holiday schedules are available for each shift, output, and door-strike schedules.

MULTI-LINGUAL DISPLAY OPTION

XR500 Series systems may be programmed to display the User Menu and Status Display text in multiple languages. When the Command key is pressed, the option to choose a language displays. Select the language you want to use. The language chosen continues to display at the keypad until another language is chosen.

KEYPAD SHORTCUT KEYS

Keypad shortcut keys are provided to simplify operation and allow the user to arm, monitor, or reset the system.

THINLINE/AQUALITE™ KEYPADS

The stylish and sleek 7000 Series keypads provide three 2-button Panic keys, AC power and Armed LEDs, 32-character display, backlit logo and keyboard plus an internal speaker. Aqualite Series offer a brilliant Aqua colored LCD display and backlighting.

VALUABLE VISUAL ALARM INDICATOR

In a normal state, both the keypad and logo backlighting remain Green on Thinline Keypads and Blue on Aqualite keypads. However, during an alarm state, the keypad and logo turn Red. The change in color allows persons on-site to instantly recognize an alarm condition.



Red Backlighting for Alarm Conditions

7760 CLEAR TOUCH™

An attractive new user interface featuring a glass touchscreen instead of traditional keys. The Blue touchscreen display turns Red for alarm conditions. Available in White, Black or Platinum, the 7760 adds elegance and style to any installation.



7760 Clear Touch™ Keypad

16 INDEPENDENT ACCESS CONTROL DOORS

Any access control reader with a 26-40 bit Wiegand output can be connected to the XR500 Series panel. Attach card reader inputs to up to 16 different locations.

ACCESS CONTROL

The XR500 system can restrict access for several reasons such as a schedule or armed area. The specific reason for access denial can be displayed on the keypad, stored in events, logged on a local printer (DMP 462P required), sent to the central station and to DMP Advanced Reporting software.

AUTOMATIC BURGLARY SYSTEM DISARMING

Since the XR500 is an integrated burglary, fire, and access control system, it may be configured so that a user may gain access and disarm the site in a single card read!

ANTI-PASSBACK

Specific doors and readers can be designated for access to, or egress from, specific areas in the system. This operation requires users to card in and card out of a specific area. Users failing to egress the area are not allowed access into the area again until forgiven by the system administrator.



KEYPADS

- 7000 Series Thinline Keypads
- 7000A Series Aqualite Keypads
- 7760 Clear Touch Keypad
- 630F LCD Remote Fire Command
- 690/790 Series LCD Security Command
- ePAD™ Virtual Keypad

EXPANSION MODULES

- 708 Bus Extender
- 710/710F Bus Splitter/Repeater
- 711 Single Zone Expansion
- 712-8 8-zone Expansion
- 714 4-zone Class-B Expansion
- 714-8 8-zone Class-B Expansion
- 714-16 16-zone Class-B Expansion
- 715 4-zone 2-wire smoke Expansion
- 715-8 8-zone 2-wire smoke Expansion
- 715-16 16-zone 2-wire smoke Expansion
- 716 Output Expansion, 4 Form C relays, 4 open collector outputs
- 717 Graphic Annunciator: 20 open collector outputs
- 725 4-zone Expansion, 24 VDC
- 736P Radionics Interface
- 739 X-10 Interface

INTERFACE CARDS

- 461 Interface Adaptor Card
- 462N Network Interface Card
- 462P Printer Interface Card
- 481 Expansion Interface Card

AUXILIARY MODULES

- 860 Relay Output Module
- 865 Style Y/Z Notification Circuit Module
- 866 Style W Notification Circuit Module
- 867 LX-Bus Notification Circuit Module
- 869 Style D Initiating Circuit Module
- 893A Dual Phone Line Module

PULL STATIONS

- 850 Series Pull Stations

SMOKE/HEAT DETECTORS

- 521B/BXT Addressable Smoke, CleanMe
- 521LX/LXT Addressable Smoke/Heat CleanMe
- SLR-835B Conventional Smoke
- SLR-835BH Conventional Smoke/Heat

TRANSFORMERS

- 322 Wire-in 56 VA
- 327 Plug-in 50 VA (Included)
- 323 Wire-in 56 VA (350 or 350A battery enclosure required)

POWER SUPPLIES

- 502-12 2 Amps @ 12 VDC
- 505-12/LX 5 Amps @ 12 VDC
- 505-12L 5 Amps @ 12 VDC
- 505-12A 5 Amps @ 12 VDC

INTRUSION DETECTORS

- Sentrol® Contacts and Sensors
- Optex PIRs
- Potter Contacts and Sensors
- Tane Contacts and Water Sensor
- Virtually any other Intrusion Detectors

ACCESS CONTROL

- 734 Wiegand Interface Module
- OP-08CB REX Motion Detector
- PB-2 Request-to-Exit Button
- Proximity Readers and Credentials
- DMP ProxPatch

CENTRAL STATION RECEIVERS

- SCS-1R Security Control Receiver
- SCS-105 Single-Line DMP Serial 3 Receiver
- Compatible with Central Station Receivers that accept Standard CID, DD, or DMP Serial 3 messaging

WIRELESS

- 738A Ademco 32-point Expansion Module
- 738I ITI 96-point Expansion Module

DMP WIRELESS

- 1100X Wireless Receiver
- 1101 Universal Transmitter, Internal and External Transmitters
- 1102 Universal Transmitter, External Contact
- 1121 Pet Immune PIR Motion Detector
- 1124 360° Coverage PIR Motion Detector
- 1125 PIR Motion Detector
- 1129 Glassbreak Detector
- 1139 Bill Trap (Coming Soon)
- 1142 Two-Button Panic Transmitter
- 1142BC Two-Button Belt Clip Panic Transmitter
- 1145 Four-Button Key Fob
- 1146 Two-Button Key Fob
- 1147 One-Button Key Fob
- 1161 Residential Smoke Detector
- 1162 Residential Smoke/Heat Detector

ACCESSORIES

- 300 Four-wire Harness
- 303 Silence/Reset Push-Button
- 305 Plug-in Output Relay
- 306 Tamper Harness
- 307-S Screw-On Tamper Switch
- 3012 Clip-On Tamper Switch
- 335 Intrusion Siren
- 370 Lightning Suppressor
- 374 Surge Voltage Suppressor
- 382-6 AnyNET-DMP Cable (6')
- 382-50 AnyNET-DMP Cable (50')
- 431 Output Harness
- 861 Power Distribution Module

COMPUTER SOFTWARE

- Remote Link Programming Software
- System Link End-User Management Software
- Advanced Reporting Module
- Alarm Monitoring Module
- Command Center Module
- Account Groups Module
- Link Server Application

SYSTEM SPECIFICATIONS

Primary Power (included)	16.5 VAC 50 VA transformer
Secondary Power	12 VDC Battery:
Models	365, 366, 367, 368 or 369
Output Rating	
Bell	1.5 Amps at 12 VDC
Smoke and Auxiliary	1.5 Amps at 12 VDC
Current Draw	180mA
Enclosures:	
Material	Cold-rolled steel
Model 350 (Gray or Red)	17.5" W x 13.5" H x 3.5" D
Model 350A (Gray)	17.5" W x 13.5" H x 3.75" D
Model 352X (Gray)	14.5" W x 32" H x 4.0" D
Model 341 (Gray)	12.75" W x 6.55" H x 2.9" D

LISTINGS AND APPROVALS

Refer to the XR500 Series Installation Guide (LT-0681), XR500 Series Programming Guide (LT-0679) and specific compliance listings for installation and programming requirements necessary to meet a particular approval.

Underwriters Laboratories (UL) Listed
 UL Bank, Safe, and Vault
 UL AA High Line Security
 UL Encrypted High Line Security

Underwriters Laboratories Canada (ULC) Listed
 NIST Validated XR500E Encrypted Command Processor Panel Certificate #130
 ANSI/SIA CP-01-2000 False Alarm Reduction

New York City (MEA)
 California State Fire Marshal (CSFM)
 FCC Part 15
 FCC Part 68

For additional information, access www.dmp.com and select Compliance.