

COMMAND PROCESSOR

NYC
MEA



MODEL 1912XR



Description

The DMP 1912XR Command Processor provides dealers and end users with the industry's most impressive array of alarm system features and options found in any one panel. Our combining of capability, sophistication, and simple operation makes this panel the obvious choice for all your burglary and fire protection applications.

Communication

The 1912XR is unmatched in communication capability with its standard Digital Dialer, Multiplex, Cellular, or DDMX reporting to one or two DMP receivers. You can also use Contact ID reporting to non-DMP receivers and Asynchronous communication over bank data and long range radio networks.

Digital Dialer

DTMF dialing allows quick connection to the central station where system events are sent using the fast SDLC communication format. SDLC allows an average on-line time of 5.6 seconds that complies with the 6 second minimum time of savings plans offered by long distance carriers.

Multiplex

Multiplex capability allows you to meet the requirements for installations where UL AA multiplex communication is either required or a viable option. Using leased lines, the panel maintains continuous communication with the central station SCS-1 Receiver. Digital Dialer backup increases security and meets NFPA Type 3 communication and CSFM guidelines.

Secure-Com™ and Cell-Miser™

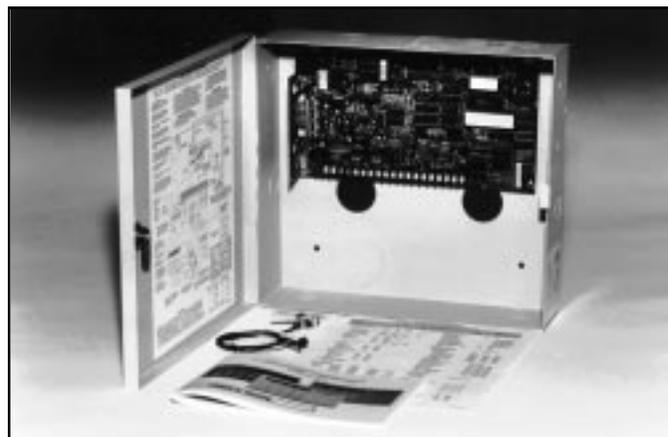
The 1912XR also allows you to use the DMP **Secure-Com™** cellular phone system for primary or backup communication of alarm and system events to the central station. **Cell-Miser™** additionally allows the panel to restrict calls to just alarm, trouble, abort, recall test, and delayed event reports over the Secure-Com cellular system.

Events Manager

You can also save up to 66% of your monitoring costs with the 1912XR panel by using the 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 1912XR can also contact users directly through their pagers and send any Alarm, Trouble, Opening, Closing, or Late to Close reports already sent to the central station. This is a must feature for anyone needing instant updates on the status of their system.

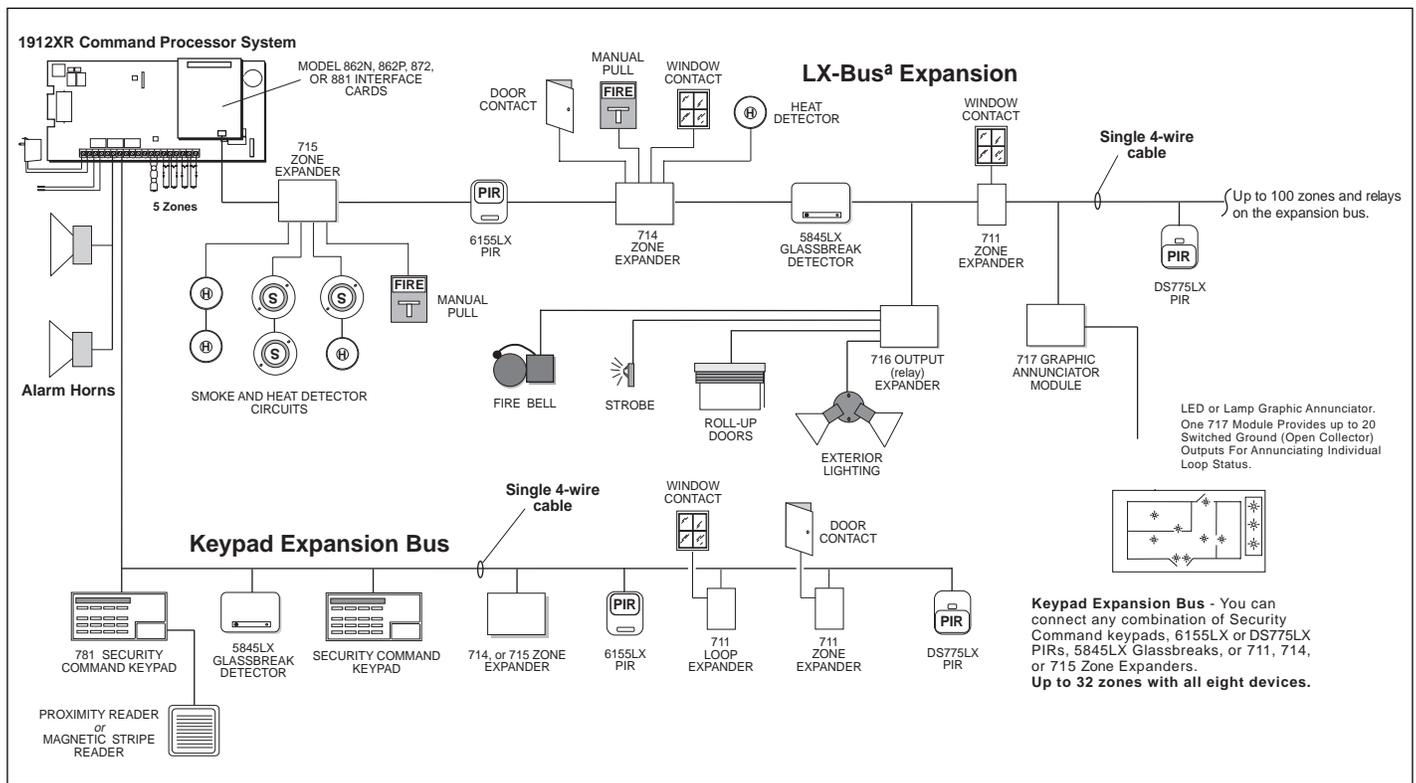


System Features

- Four independent partitions
- 20 individual reporting areas
- Up to 137 fully programmable zones
- Up to 137 graphic annunciator outputs
- Up to 102 programmable Form C relays
- 100 user codes with nine authority levels
- 7-day temporary user codes
- One ambush code for each partition
- Built-in programming from any keypad
- Cross zoning between any zones in a partition
- One or more Common areas in each partition
- Permanent, Temporary, and Output schedules
- Individual zone programming for instant, delay, priority, fire, fire verification, fire retard, panic, presignal, fast response, cross zoning, and fire supervisory
- Hardwire and 900 MHz wireless zone capability
- Swinger bypass option on all zones
- Up to 133 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
- 100 event history display from keypad
- Alternate reporting to 2 SCS-1 Receivers
- AA Multiplex, digital dialer, cellular, or DDMX reporting to one or two UL listed DMP SCS-1 Security Receivers
- Secure-Com™ cellular with Cell-Miser™
- Contact ID reporting to Ademco, FBII, and Sur-Gard/DSC receivers
- Asynchronous communication over data or radio networks
- 1 to 60 second transmission delay
- 1 Amp bell output
- 600mA auxiliary output
- Inherent power limited circuits
- Automatic or deferred test reports



Digital Monitoring Products



True Partitioning

The 1912XR contains four independent partitions with separate exit delays, burglary output, schedules, opening/closing reports and closing code options. You can program up to eight areas in partition one and up to four areas each in partitions two through four for a total of 20 areas.

Partitions Enabled	Areas Available	User Codes Available
1	1 to 8	1 to 99
2	Partition 1 - 1 to 8 Partition 2 - 1 to 4	Partition 1 - up to 50 Partition 2 - up to 50
3	Partition 1 - 1 to 8 Partition 2 - 1 to 4 Partition 3 - 1 to 4	Partition 1 - up to 25 Partition 2 - up to 25 Partition 3 - up to 25
4	Partition 1 - 1 to 8 Partition 2 - 1 to 4 Partition 3 - 1 to 4 Partition 4 - 1 to 4	Partition 1 - up to 25 Partition 2 - up to 25 Partition 3 - up to 25 Partition 4 - up to 25

Area Programming

Each of the 20 programmable areas provide a separate account number, auto arming and disarming, armed output relay, and Common Area operation.

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

The 1912XR allows you to separately program each of the four partitions for either Area, All/Perimeter, or Home/Sleep/Away operating modes. With **Area** arming, you can program each area in the partition as a separate reporting system with its own 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 operation is ideally suited for commercial lobbies or storage areas where users need common access to specific areas only.

100 User Codes

You can assign up to 100 custom user codes in the 1912XR 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

The 1912XR contains all of its programming functions on board and does not require an external programmer. In addition, installers and service technicians can program the panel and test the system from any of the eight keypad addresses.

862P Local Printer Card

You can easily add a DMP 560 Local Thermal Printer or other serial printer to the 1912XR by adding an 862P Printer Interface Card. The 862P comes with an 8 conductor cable with a DB-25 male adaptor for connecting to the printer's serial port.

The 862P also provides a 4-wire DMP **LX-Bus™** harness connector for adding up to 100 additional zones to the 1912XR panel. See the following section on Zone Expansion.

Zone Expansion

The 1912XR provides up to 137 zones you can program for a variety of burglary and fire applications. The panel's PC board contains four burglary zones and one Class B, 12 VDC powered zone. In addition, there are up to 32 zones available on the eight keypad addresses and up to 100 zones can be added using an 862N, 862P, 872, or 881 interface card.

The interface cards plug into the 1912XR and allow you to add an additional 100 zones using DMP 711, 714, or 715 Zone Expander Modules, 5845LX Glassbreaks, or 6155LX and DS775LX PIRs. 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 an 872 **HARD-WIRE-LESS™** Interface Card on the 1912XR panel allows you to add up to 100 zones of 900 MHz Spread Spectrum wireless to the system. The 872 plugs into the panel and 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.

Cross Zoning

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

Four Programmable Entry Delay Times

Delay zones on the 1912XR 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 1912XR 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 restrict codes that have certain authority levels to disarming the system only during selected times.

Permanent and Temporary Schedules

Permanent schedules are similar to primary and secondary and are also intended for regular use. Temporary schedules, though, allow lower level users onetime access during non-business hours and must be programmed again after each use. These are ideal for allowing service or deliveryman access on weekends or nights.

Output Schedules

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

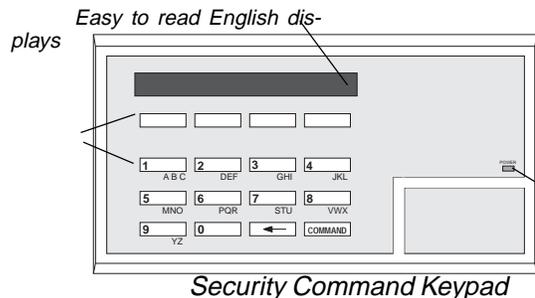
Outputs

The 1912XR can provide two SPDT relay outputs and four 12 VDC 50mA powered outputs with an optional plug-in relay and a Model 304 Wire Harness connected to the panel. Each SPDT relay is rated for 1 Amp at 30 VDC or 500mA at 120 VAC.

100 Event Memory

The 1912XR stores up to 100 user and system events in its memory that you can view at any time through the keypad menu. The Display Events feature allows users to view stored openings and closings, zone events, user code and schedule changes, door accesses, and supervisory events.

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.



Large Security Command Keypad

You can connect any DMP 670, 670-A, 770, 770-A, 771, or 781 Security Command keypad to the 1912XR panel. Each keypad has large function keys for entering information and a fluorescent blue display that allows users to view system events in almost all lighting conditions. The Security Command can also be coordinated to your customers' decor by ordering it in Coffee, Gray, Black, Red, White, or Ivory.

781 Wiegand Interface Keypads

To accommodate the increasing demand for low cost access control, DMP has developed the **Easy Entry™** access system that allows you to connect proximity and magnetic stripe access readers directly to a 781 Wiegand Interface Keypad. The 781 is a fully functional Security Command with a built-in Form C relay that switches for five seconds after a confirmed card read to release magnetic locks or door strikes.

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 included the **Soft Shunt™** feature that can shunt any protection on zone 2 for 30 seconds.

Request to Exit

This feature allows you to automatically release a door strike or magnetic lock with the 781 Wiegand Interface Keypad by connecting a manual switch, PIR, or other sensing device to zone three. As the user trips the sensor, the keypad activates the relay allowing the user to exit the protected area without having to present a card to the access control reader.

Product Specifications

Primary Power	16.5 VAC 40VA plug-in transformer
Secondary Power	12 VDC 6.5 Ah battery
Auxiliary Power	600mA at 12 VDC
Alarm Output	1 Amp at 12 VDC
Enclosure	20 gauge cold rolled steel
Enclosure Colors	Gray (349-63) Black (349-61)
Dimensions	12.5" H x 11.5" W x 3.0" D
Weight	6 lbs with panel

Panel Accessories

Model	Description
304	10 Conductor Output Harness
305	Plug-in Output 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 xfmr
367	12 VDC 6.5 Ah lead-acid battery
370RJ	Lightning Suppressor with dual RJ jacks
491	Load Save Module - holds two full programs
560	Local Thermal Printer - 40 character w/NiCad backup
865	Style Y or Z Indicating Circuit Module
866	Supervised Indicating Circuit Module
869	Dual Style D Initiating Circuit Module

Access Control Accessories

Model	Description
781	Wiegand Input Keypad for access control
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
544	Insertion magnetic stripe reader
644	Pass-through magnetic stripe reader
9000	Credit card size Dorado magnetic stripe cards

LX-Bus™ Expanders

Model	Description
711	Single Point Zone Expander
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
862N	Data Network Interface Card with LX-Bus™
862P	Printer Interface Card with LX-Bus™
872	Hard-wire-less™ Card for wireless and LX-Bus™
881	LX-Bus™ Expansion Interface Card

Detectors

Model	Description
5845LX	Sentrol® ShatterPro II™ with single zone expander
6155LX	Sentrol® Sharpshooter™ PIR with single zone expander
DS775LX	Detection Systems PIR with single zone expander
SLK-12	Hochiki 12 VDC Photoelectric Smoke Detector
HSB-12-1	Hochiki 2-wire smoke detector base with alarm LED
YBC-RL/4	Hochiki 4-wire smoke detector base with alarm LED

Security Command Keypads

Model	Description
670	Vacuum Fluorescent Alphanumeric Keypad
670-A	Keypad with panic keys and unsupervised option
770	Alphanumeric Keypad with 4 zones
770-A	Keypad with panic keys and four protection zones
771	Alphanumeric Keypad with 4 zones and door relay
781	Wiegand Input Keypad - proximity and mag stripe

Secure-Com™ Cellular and 2-Way Voice

Model	Description
Secure-Com™ Cellular	Easy to install advanced cellular system with interface, transceiver, and cable
380	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

Technical and Sales Literature

Number	Description
LT-0169	1912XR Installation Guide
LT-0171	1912XR Programming Manual
LT-0172	Security Command User's Guide
LT-0188	1-page full color residential sell sheet
LT-0189	1-page full color commercial sell sheet
LT-0190	6-page full color residential brochure
LT-0191	6-page full color residential brochure
LT-0250	2-sided full color Pager Direct™ sell sheet
LT-0251	2-sided full color False Alarm Reduction sell sheet
LT-0252	2-sided full color 2-Way Voice sell sheet
LT-0253	2-sided full color Access Control sell sheet
LT-0254	2-sided full color Home/Sleep/Away sell sheet
LT-0255	2-sided full color Secure-Com™ sell sheet

Listings and Approvals

- Underwriters Laboratories - S3598
- Factory Mutual - OX5AO.AY
- California State Fire Marshal - 7165 1157:101
- New York City MEA - 168-93-E

Digital Monitoring Products

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