

## COMMAND PROCESSOR

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 applications.

### Communication

The communication capability of the 1912XR allows you to offer your customers a powerful and versatile alarm reporting system. The panel's communication features include standard digital dialer, multiplex, or the new DDMX reporting to one or two UL listed DMP SCS-1 Security Receivers.

#### Digital Dialer

Standard Dual Tone Multi Frequency (DTMF) dialing provides quick connection to the central station. System events are then downloaded using the fast SDLC communication format. You can program up to 15 characters for the receiver phone number and also provide for a three second pause in the dialing sequence or a dial tone detect before the panel starts dialing.

#### Multiplex

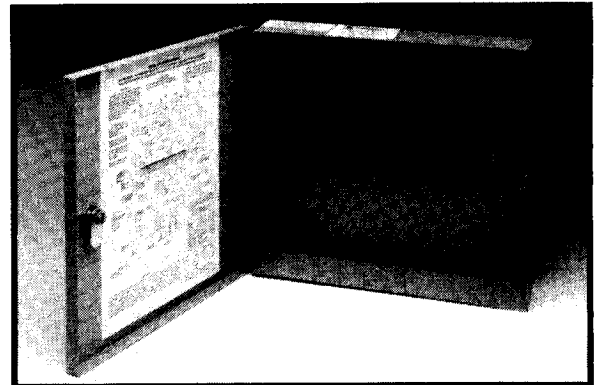
The 1912XR multiplex capability allows you to meet the requirements for those installations where multiplex communication is either required or a viable option. Using leased lines, the panel maintains continual communication with the central station SCS-1 Receiver. An interruption of service quickly alerts the operator who can instantly notify the proper authorities.

#### DDMX

Combining the best features of digital dialer and multiplex communication, DDMX provides normal digital dialer operation during disarmed periods with automatic multiplex connection to the SCS-1 Receiver after the last area in the system is armed.

#### Dual Reporting

The 1912XR allows you to send system reports to one or two DMP SCS-1 Receivers. For example, you can program the panel to send alarms, troubles, and supervisory reports to the central station with openings, closings, and test reports going to an alternate SCS-1 Receiver at another location. You can even provide for either receiver to act as a backup when the other cannot be contacted.

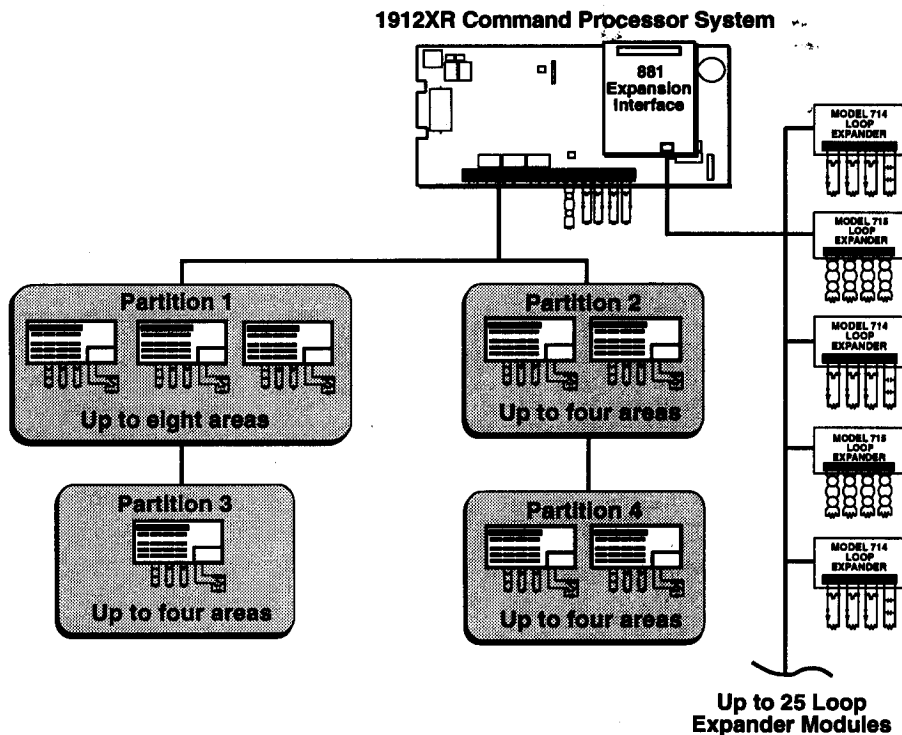


### System Features

- Up to four independent partitions
- Up to 20 individual reporting areas
- 100 user codes
- Up to 137 fully programmable loops
- Built-in programming from any keypad
- Cross zoning between any two loops in a partition
- One or more Common areas in each partition
- Permanent, Temporary, and Output schedules
- Individual loop programming for instant, delay, priority, fire, fire verification, fire retard, panic, presignal, fast response, cross zoning, and fire supervisory
- Area Arming, All/Perimeter, or Home/Away mode for each partition
- 7-day temporary user codes
- Up to eight keypad addresses
- 100 event history display from keypad
- Alternate reporting to 2 SCS-1 Receivers
- AA Multiplex, digital dialer, or combined DDMX reporting to UL listed DMP SCS-1 Security Receiver
- Individual bypassing of each loop
- 1 Amp bell output
- 600mA auxiliary output
- Power limited circuits
- Keypad loop status displays
- 4-wire keypad and loop expander connections
- Swinger bypass option on all loops
- Automatic or deferred test reports
- Ambush code
- System test by user

## 1912XR System Benefits

- Combined Security and Fire
- User Friendly Keypad Menu
- Efficient Wiring
- Up to Eight Keypads
- Four Partitions
- 20 Areas
- 137 Programmable Loops
- Built-in Programmer
- 100 Event Memory
- Remote Programmable
- 100 User Codes
- Digital, Multiplex, and Combined DDMX Reporting
- Opening and Closing Schedules
- Programmable Relay Outputs



## True Partitioning

The 1912XR contains four completely independent partitions. Each partition has its own exit delay timer, burglary output, and schedules as well as opening and closing report 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/Away arming

The 1912XR allows you to separately program each partition for either Area, All/Perimeter, or Home/Away arming modes. With Area arming, you can program each area within a partition as a separate system. All/Perimeter and Home/Away arming provides for areas one and two in the partition to function as perimeter and interior areas.

## Common Areas

One or more of the areas in an Area arming partition can be designated as Common areas. These areas arm automatically when the last regular area in a 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.

## Bypass Bad Loops

During the arming sequence, users are informed of any loop that is currently in a bad, or non-normal condition. With the Bypass feature enabled, the user can then easily bypass the bad loop and arm the remainder of the system.

## 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 DMP authority level programming that provides nine fixed levels of access to the system.

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 information in an on board processor 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.

## Loop Expansion

The 1912XR provides up to 137 loops you can program for a variety of burglary and fire applications. The panel contains four burglary loops and one Class B 12VDC powered loop. In addition, there are up to 32 loops available on the eight keypad addresses and up to 100 loops can be added when using the 881 Expansion Interface Module.

The interface module plugs onto the 1912XR panel and allows you to connect up to 25 DMP 714 or 715 Loop Expander modules. Each loop expander supplies four fully programmable Class B loops you can use to connect fire or burglary devices.

## Cross Zoning

This powerful feature allows multiple loops 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 loop fault, only a trouble report is sent to the central station.

## Priority Loop Programming

Burglary loops can be programmed for priority that prevents their being bypassed or force armed. These loops must be in a normal state before their assigned area can be armed.

## Four Programmable Entry Delay Times

Delay loops 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 intended for regular use in such applications as late to close annunciation and auto arming. You can also program primary and secondary schedules to enable codes with specific authority levels to disarm 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 can be used to allow lower level user access during non-business hours but must be set after each occurrence.

### Output Schedules

You can program output (relay) schedules to 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 wire harness connected to the panel. Each SPDT relay is rated for 1 Amp at 30 VDC or 500mA at 120 VAC.

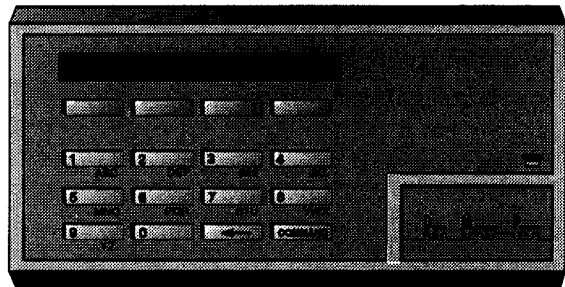
## 100 Event Memory

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, loop 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 system activity.

## Security Command Keypad

You can connect up to eight DMP Model 670, 770, or 771 Security Command keypads to the 1912XR panel. Each keypad provides 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 keypad can also be color coordinated to your customer's decor by ordering one of the following colors: Coffee, Gray, Black, Red, White, or Ivory.



### User Menu

The 1912XR contains its command and control functions in an easy to follow user menu. After entering a valid user code, the keypad displays in sequence all of the functions for which that user code has authority. To select a function, the user presses one of the top row select keys.

### Testing the System

Users with an appropriate authority level assigned to their code can access the System Test from the user menu. This feature allows the user or service technicians to test the alarm bell, battery level, and communication to the central station receiver.

## Specifications

The contractor shall furnish and install the Digital Monitoring Products (DMP) Model 1912XR Command Processor panel as indicated on the plans. Each 1912XR shall provide up to 137 supervised loops with additional equipment and shall be capable of reporting alarm, trouble, supervisory, and user reports to one or two DMP SCS-1 Security Receivers. The panel shall support up to eight Security Command keypads on the keypad data bus and up to 25 loop expander modules when using the DMP 881 Loop Expansion Interface Module.

## Accessories

Model	Description
320	16.5 VAC 40VA wire in transformer
321	16.5 VAC 40VA plug in transformer
322	16.5 VAC 100VA wire in transformer
349-81	Red Fire Enclosure
304	Output Harness
305	Plug-in Output Relay
356	RJ phone cable
367	12 VDC 6.5 Ah battery
704 or 714	Loop Expanders
705 or 715	Loop Expanders - 12 VDC powered loops
866	Indicating Circuit Module
881	Expansion Interface Module
LT-0171	1912XR Programming Manual
LT-0169	1912XR Installation Guide
LT-0172	Security Command User's Guide

## 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 Construction	Cold rolled steel: 18 gauge cabinet, 16 gauge door
Enclosure Color	Gray (349-63) Black (349-61)
Dimensions	12.5" H x 11.5" W x 3" D
Weight	6 lbs with control

## Listings and Approvals

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

## Listing and Approval Compliance Chart

Standard	Description	1912XR Product Approvals Guide 3/94																
		1912XR Command Processor	893 Communication Module	670, 770, or 771 Keypad	704 or 714 Loop Expander	705 or 715 Loop Expander	310 EOL Resistor	320 40VA Wire-in Transformer	322 100VA Wire-in Transformer	349A Attack Resistant Enclosure	349-81 Red Fire Enclosure	356 RJ Cable	367 Battery	866 Indicating Circuit Module	Listed Grade A Bell	Listed Bell	Potter EVD or Sentrol 5402	D127 Reversing Relay/Radionics
UL 365	Police Connected Burglar (APAW) Grade A, Grade AA	1		1+	+													
	Mercantile Safe and Vault	1		1+	+													√
UL 609	Local Burglar (AOTX) Grade A Mercantile	1		1+	+													
	Grade A Mercantile Safe and Vault	1		1+	+													√
UL 1076	Proprietary Burglar (APOU) Grade A, Grade AA	1		1+	+							1	1					
UL 1023	Household Burglar (NBSX) Grade A	1		1+	+							1	1					1+
UL 1610	Central Station Burglar (AMCX) Grade AA	1		1+	+							1	1					
	Grade B	1		1+	+							1	1					
UL 1635	Digital Burglar (AMCX) Grade B	1		1+	+							1	1	1				
UL 864	NFPA 71 Central Station (UOJZ) Digital Dialer	1	1	1+	+	*	1+	◇			x	2	1+					1x
	Central Station (Type 1)	1	1	1+	+	*	1+	◇			x	2	1+					1x
	Central Station (Type 2, 3)	1		1+	+	*	1+	◇			x	1	1+					1x
	NFPA 72A Local Protective Signaling	1		1+	+	*	1+	◇			x	1+	1+					1+
	NFPA 72C Remote Station Protective Signaling	1		1+	+	*	1+	◇	1		x	3+						1x
	NFPA 72D Proprietary Protective Signaling	1		1+	+	*	1+	◇			x	1	1+					1x
UL 985	NFPA 74 Household Fire Warning (UTOU)	1		1+	+	*	1+	◇			x	X	1+					1+

- ◇ When required by the authority having jurisdiction
- \* When required for 2 wire smoke detectors. Total number depends on size of installation
- + Only required for system expansion. Total number depends on size of installation
- x Optional
- √ Required when control is installed outside of safe or vault.
- 1 At least one is required.

NOTICE: This chart is intended only as a guide to product selection. Some grades of service require compliance with UL 611, 681 and other applicable standards. Consult the local authority having jurisdiction for any additional requirements. This chart is subject to change without notice.