DMP Introduces a New Dimension in Wireless–

Two2Way

SECURITY
UL LISTED

Two-Way Supervised Wireless from DMP delivers unparalleled flexibility and simplicity without sacrificing power.

- Built-in device testing
- Simple programming
- Superior range
- Seamless integration with DMP Command Processor™ panels and other hardwired devices

Whether the installation is new construction, an upgrade or retrofit, Two-way Wireless from DMP gets the job done faster with less effort.

DMP 1100 SERIES TWO-WAY WIRELESS

SYSTEM FEATURES

- Two-way supervised communication
- Built-in Survey LED in every transmitter visually confirms transmitter/receiver communications
- Extended range and battery life
- 3-, 15- or 60-minute supervision window; selectable by zone to maximize the effectiveness of each transmitter
- Frequency-hopping 900MHz Spread-Spectrum technology
- Attractive and durable plastic housing for all units

TRANSMITTER FEATURES

- Tamper switch for added security
- Programmable from panel keypad or via Remote Link™
- Selectable communication test intervals
- User-replaceable 3V lithium batteries

1100 SERIES RECEIVERS AND TRANSMITTERS

- 1100D 32-Point Two-Way Wireless Receiver for XRSuper6, XR20, and XR40 Panels (UL)
- 1100X 500-Point Two-Way Wireless Receiver for XR500 Series and XR100 Series Panels (UL)
- 1101/1102 Universal Transmitters (UL)
- 1121 PIR Motion Detector
- 1124 PIR Four-Element 360° Pyro Motion Detector
- 1125 PIR Motion Detector with Lens Adjustments (UL)
- 1129 Glassbreak Detector
- 1139 Bill Trap (Coming Soon)
- 1142/1142BC Two-Button Panic Transmitter (UL)
- 1145/1146/1147 Key Fob Transmitters
- 1161 Residential Smoke Detector (UL)
- 1162 Residential Smoke/Heat Detector (UL)

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TWO-WAY COMMUNICATION

Superior to traditional wireless equipment that simply broadcasts the signal until the zone is restored, DMP 1100 Series transmitters require an acknowledgement from the 1100D or 1100X Receiver, indicating a successful transmission. Should the transmitter not receive this acknowledgement, the signal is transmitted again until the acknowledgement is received. This smart technology ensures that each and every transmission is received and efficiently processed at the panel.

900MHz SPREAD-SPECTRUM TECHNOLOGY

DMP wireless communication employs 900MHz frequency-hopping spread-spectrum to ensure clear and accurate signal transmissions without interference in practically any environment.

INCREASED SECURITY

Some other manufacturers' wireless may take up to four hours before the system recognizes a missing transmitter! With Two-Way communication, each wireless transmitter communicates with the receiver using supervision messages. 1100 Series transmitters can be supervised at 3-, 15- or 60-minute programmed intervals.

When the receiver misses an expected supervision message from a transmitter, the system immediately reports the zone as missing, so your system's integrity and reliability are never compromised.

Additionally, all transmitters, motion detectors, glassbreak, and panic transmitters contain an internal case tamper to provide extra security should the cover be lifted or removed.

EXTENDED BATTERY LIFE

Programming each wireless device with a specific communication test interval eliminates wasteful, repetitive signalling. Each device sends a single message and receives a single confirmation at scheduled times. By eliminating multiple rounds of repetitive signals, Two-way communication extends battery life.

SIMPLE PROGRAMMING

No special equipment is needed to program the system! Assign wireless devices to zones during panel programming with Remote Link™ or following programming prompts from the keypad.

1100D/1100X RECEIVERS

Competitively priced for residential or commercial applications, the 1100D and 1100X Receivers allow you to add wireless devices to DMP Command Processor™ panels as easily as adding a keypad. Supporting up to 32 wireless devices using the 1100D or up to 500 devices, using the 1100X, DMP receivers satisfy all wireless applications.

1101 UNIVERSAL TRANSMITTER

The Model 1101 Universal Transmitter provides Internal and External contacts that may be used at the same time to yield TWO individual reporting zones from one wireless transmitter. This functionality makes the 1101 perfect for applications where a door and window (or any type of N/O or N/C contacts) are in close proximity.

Mount the included self-adhering magnet up to 5/8" away from the 1101 Transmitter housing to provide internal contact protection. Wire the 1101 terminal block to an external contact for second zone protection. The diagram below shows a typical dual-zone protection setup.

1102 UNIVERSAL TRANSMITTER

Model 1102 Universal Transmitter provides the same look and reliability of the 1101 without an internal contact. Simply connect any Normally Open or Normally Closed contact to the 1102 Transmitter two-wire terminal block.

1101/1102 Transmitter

1121 PIR MOTION DETECTOR

The Model 1121 PIR (Passive Infrared) Motion Detector is suitable for most residential or small commercial applications. With a generous coverage area of 90° 50' X 50', the 1121 is a favorite among security professionals.

1124 PIR MOTION DETECTOR

The 1124 ceiling-mount PIR Motion Detector is a wireless, four-element pyro intrusion detector. The special hard lens and fully sealed sensor chamber offer 360°/65.6 ft. diameter coverage patterns even at low mounting heights.

Designed to be immune to sunlight, halogen lights and fluorescent lights, the 1124 is very flexible. The 1124 features a built-in tamper switch, selectable high/low sensitivity, and provides bidirectional temperature compensation.

1125 PIR MOTION DETECTOR

Suitable for almost any application, the Model 1125 PIR Motion Detector includes a variety of lens configuration options. The user can select either a 33' x 33' or 50' x 50' coverage area to ensure no space is left unprotected. Select either the Bi-Curtain or Standard mode of operation depending on the sensitivity required for the application. The Bi-Curtain mode option can help reduce false alarms.

Simply adjusting the internal lenses or adding or removing the curtain mask also makes it easy to minimize false alarms. Use curtain masks to ensure proper focus for maximum security throughout the protected space.
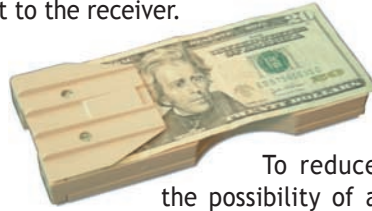
1129 GLASSBREAK DETECTOR

Designed to detect the shattering of framed glass mounted in an outside wall, the Model 1129 Glassbreak detector is also suitable for armor-coated glass. The unit can detect the pattern of breaking glass at more than 20 points across the acoustic frequency spectrum, enabling the sensor to detect breaking glass through blinds and light drapes up to a 12' range. The 1129 also recognizes the "quiet break" favored by experienced intruders.

A 360° electret microphone features full-pattern coverage and excellent false-alarm immunity without compromising detection. Ideal where hardwired acoustic sensors are impractical, the 1129 incorporates Pattern Recognition Technology™ to ignore most false alarm sounds.

1139 BILL TRAP (COMING SOON)

Designed to provide a silent alarm option for cash drawer operators, the 1139 holds a trapped bill below a stack of bills. When the trapped bill is removed, a panic alarm is sent to the receiver.

To reduce the possibility of a false alarm, a programmable delay can provide time to replace the bill should it be accidentally removed.

1142/1142BC TWO-BUTTON PANIC TRANSMITTER

The Model 1142 and 1142BC Two-Button Panic transmitters are typically used as a panic alarm, but with a little imagination this transmitter can be used for a multitude of applications.

Use the optional belt clip and attach the 1142BC to your pocket or belt for local mobile protection. Permanently mount the 1142 in an under-the-counter location with the included screws for UL installations.

To decrease the risk of false alarms, both buttons must be pressed and held at the same time before an alarm is transmitted.

KEY FOB TRANSMITTERS

The 1140 Series Key Fob transmitters are portable, water resistant, and designed to be clipped to a keychain or lanyard. The key fob LED provides visual acknowledgement when a button is pressed and responds to each separate operation with specific color-coded LED status displays.

1145 Key Fob 4-button
1146 Key Fob 2-button
1147 Key Fob 1-button

1161 AND 1162 DETECTORS

The Model 1161 Smoke Detector with Sounder, and 1162 Smoke/Heat Detector with Sounder are wireless detectors specifically recommended for residential operation.

Model 1162 also offers a built-in fixed and rate-of-rise heat detector. The fixed temperature function reacts to heat by responding to the 135° temperature setting with an alarm. The rate-of-rise function detects heat quickly by responding to a rapid temperature increase and sending an alarm to the panel.

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GENERAL SPECIFICATIONS

Frequency Range	903-927 MHz

Flame-retardant ABS constructed housings.
Battery Life Expectancy based on normal operation of the unit.

1100D/1100X RECEIVER SPECIFICATIONS

Operating Voltage	8.0 to 14 VDC
Current Draw	40mA
Housing Dimensions	4.65" L x 3.1" W x 1.4" H
Antenna Dimensions	8.6" H

1101/1102 TRANSMITTER SPECIFICATIONS

Battery Life Expectancy	5 years
Dimensions	
Transmitter Case	3.3" L x 1.6" W x 1.2" H
Mounting Bracket	2.5" L x 1.3" W x 0.1" H
Magnet Housing	1.5" L x 0.5" W x 0.7" H
Magnet Spacer	1.5" L x 0.5" W x 0.1" H

1121 PIR SPECIFICATIONS

Battery Life Expectancy		3 years
Dimensions		4.8" L X 2.5" W X 1.45" H
Transmit Condition		Alarm, Low Battery
Detection	Range	90° 50 x 50 feet
	Speed	1 to 5 feet/second
Mounting height		4.9 to 8.2 feet

1124 PIR SPECIFICATIONS

Battery Life Expectancy		3 years
Dimensions		5.2" W X 2.25" H
Transmit Condition		Alarm, Test, Supervision, Low Battery
Detection	Range	360°/65 feet diameter
	Speed	1-5 feet/second
Mounting Height		Up to 10 feet
Temperature Range		–14°F to +140°F

1125 PIR SPECIFICATIONS

Battery Life Expectancy	7 years using 3 batteries
Dimensions	5.1" L X 2.9" W X 2.2" H
Transmit Condition	Alarm, Tamper
Detection Range	Up to 50 Feet (15.2 M)
Mounting Height	6 to 10 feet (1.8 to 3m)
Number of Curtains	9
Relative Humidity	10 to 93% non-condensing

1129 GLASSBREAK SPECIFICATIONS

Battery Life Expectancy	3 years
Dimensions	4.25" L x 3.15" W x 1.75" H
Sensor RF Immunity	20 V/meter, 1MHz to 1000MHz
Microphone	Omni-directional Electret

1139 BILL TRAP SPECIFICATIONS (COMING SOON)

Battery Life Expectancy	1 years using 2 batteries
Dimensions	5.375" H x 2.625" W x .625" D

1142/1142BC TRANSMITTER SPECIFICATIONS

Battery Life Expectancy	5 years
Dimensions	
Transmitter Case	3.3" L x 1.6" W x 1.2" H
Belt Clip	1.9" L x 0.9" W x 0.3" H

1145/1146/1147 KEY FOB SPECIFICATIONS

Battery Life Expectancy	2 years
Dimensions	1.98" H x 1.98" W x 0.6" D

1161/1162 DETECTOR SPECIFICATIONS

Battery Life Expectancy		1 year
Dimensions	Detector	5.6" x 2.4"
	Base	5.4" x 0.46"
Temporal Sounder Pattern		85 dB at 10'
Sensitivity		2.3% ±0.8%
Heat Alarm Specifications:		
Rate-of-rise / Fixed		15°F/min > 105°F / 135°F ± 5°F
Drift Compensation Adjust		0.5%/ft. max.

COMPATIBILITY

XR500 Series, XR100 Series, XRSuper6, XR20, and XR40 Command Processor™ Panels

ACCESSORIES

CR123	3.0V lithium Battery
CR123-FIRE	3.0V lithium Battery (1161/1162 only)
CR2032	3.0V Coin Cell lithium Battery (1145/1146/1147 only)
CR2450	3.0V Coin Cell lithium Battery (1139 only)

PATENTS

Patent(s) Pending

LISTINGS AND APPROVALS

FCC Part 15 Registration ID

CCK1100	1100D, 1100X
CCK1101	1101, 1102, 1129, 1142
CCKPC0098	1145, 1146, 1147
CCKPC0088	1121, 1124, 1125, 1161, 1162

Underwriters Laboratories (UL) Listed

UL 1023	Household Burglar Alarm System Units Accessory						
	1100D	1100X	1101	1102	1125	1142/1142BC	
UL 636	Holdup Alarm Units and Systems Accessory						
	1100D	1100X	1142				
UL 634	Connections and Switches for use with Burglar Alarm System Accessory						
	1101	1102					
UL 639	Intrusion Detection Units Accessory						
	1125						
UL 985	Household Fire Warning System Accessory						
	1100D	1100X	1101	1102	1161	1162	
UL 365	Police Station Connected Burglary Accessory						
UL 609	Local Burglary Alarm Units and System Accessory						
UL 1076	Proprietary Burglar Alarm Units Accessory						
UL 1610	Central Station Burglary Alarm Units Accessory						
	1100D	1100X					

DMP Digital Monitoring Products

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