



# 1100 Series™ Wireless

## RECEIVERS, REPEATERS & TRANSLATORS

### WIRELESS RECEIVERS

- ▶ **1100DH/1100DI**  
Receiver for XT Series™ Panels
- ▶ **1100XH**  
Receiver for XR and XF6 Series™ Panels
- ▶ **1100R**  
Repeater for XT, XTL, XR, and XF6 Series Panels
- ▶ **1100DE**  
Encrypted Wireless Receiver for XT Series Panels
- ▶ **1100DHE**  
Encrypted Wireless High Power Receiver for XT Series Panels
- ▶ **1100XE**  
Encrypted Wireless Receiver for XR and XF6 Series Panels
- ▶ **1100XHE**  
Encrypted Wireless High Power Receiver for XR and XF6 Series Panels
- ▶ **1100RE**  
Encrypted Wireless Repeater for XT, XTL, XR and XF6 Series Panels
- ▶ **1100T**  
Wireless Translator
- ▶ **1100TF**  
Wireless Translator with 24-hour Standby Battery Backup



### FEATURES

- ▶ Frequency-hopping 900 MHz spread-spectrum technology
- ▶ Seamless integration with DMP panels and other hardwired devices
- ▶ Simple programming
- ▶ Superior range
- ▶ Two-Way™ supervised wireless communication
- ▶ 3-, 60- or 240-minute supervision window, selectable by zone or output to maximize effectiveness
- ▶ Extended range with the 1100DH and 1100XH
- ▶ Attractive and durable plastic housing for all units
- ▶ Internal antenna



### DMP OFFERS INCREASED SECURITY

Two-Way supervised wireless repeaters and receivers from DMP deliver unparalleled flexibility and simplicity while processing every system message efficiently. Whether the installation is new construction, an upgrade or retrofit, DMP wireless communication gets the job done faster with less effort.

### TWO-WAY COMMUNICATION

Superior to traditional wireless devices that just broadcast until the zone is restored, DMP 1100 Series require an acknowledgement from the receiver, indicating successful communication. This smart technology ensures that each and every communication is received and efficiently processed at the panel.

### 900 MHZ SPREAD-SPECTRUM TECHNOLOGY

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

### INCREASED SECURITY

Other wireless devices can take up to four hours before the system recognizes a missing device! With two-way communication, if the receiver misses an expected supervision message, the system immediately reports the zone or output as missing, so your system's integrity and reliability are never compromised.

### 128-BIT ENCRYPTION

The 1100 Series' E models deliver industry-standard 128-bit AES encryption over the air and frequency-hopping spread-spectrum. For added security, DMP 1100 Series encrypted devices allow you to enter your own passphrase for unique key generation, providing full encryption end to end. Encryption is compatible with XR and XT Series panels with version 183 or higher.

The E model wireless devices and receivers are offered separately from existing 1100 Series devices. For the highest level of encryption, it is recommended that all devices on the system be E models, although each of the new products are fully backward compatible with systems that do not support encryption, so they can be added to existing systems or operate as a stand-alone system.

## MODEL FEATURES

Model	Description	Compatibility	Encryption	High Power	UL 864
1100DH	Wireless High Power Receiver	XT Series		•	
1100DI	Wireless In-line Receiver	XT Series			
1100DE	Encrypted Wireless Receiver	XT Series	•		
1100DHE	Encrypted Wireless High Power Receiver	XT Series	•	•	
1100XH	Wireless High Power Receiver	XR & XF6 Series		•	•
1100XE	Encrypted Wireless Receiver	XR & XF6 Series	•		•
1100XHE	Encrypted Wireless High Power Receiver	XR & XF6 Series	•	•	•
1100R	Wireless Repeater	XT, XTL, XR & XF6 Series			•
1100RE	Encrypted Wireless Repeater	XT, XTL, XR & XF6 Series	•		•
1100T	Wireless Translator	XT, XTL & XR Series			•
1100TF	Wireless Translator with 24-hour standby battery backup	XT, XTL & XR Series			•



## 1100DH AND 1100XH RECEIVERS

For residential or commercial applications, the 1100DH and 1100XH Receivers allow you to add wireless transmitters to DMP panels as easily as adding a keypad, along with high power needed for harsh radio frequency environments. The 1100DH installs on the keypad bus of the XT Series panels and supports up to 32 wireless transmitters. The 1100XH installs on the wireless bus of the XR Series panels, supporting up to 500 wireless transmitters. DMP receivers satisfy all wireless applications.



## 1100DI RECEIVER

This economical receiver provides basic Two-Way Wireless capabilities but in a more compact unit. The 1100DI connects anywhere on the keypad bus of XT Series panels and is suitable for either residential or small commercial applications.



## 1100R REPEATER

Extend the communication range of DMP wireless devices with the 1100R Wireless Repeater. Use up to eight 1100R repeaters with any DMP 1100 Series receiver system. The plug-in DC power supply is backed up by a 24-hour battery. Onboard LEDs provide built-in survey capability to enable single-person installation and eliminate the requirement for an external survey kit. An internal case tamper switch provides device security.



## 1100T AND 1100TF TRANSLATORS

The 1100TF Wireless Translator includes a 24-hour standby battery backup for residential and commercial fire applications. Both the 1100T and 1100TF allow upgrades of non-DMP systems with one-way, low-frequency, wireless transmitters. It is compatible with transmitters that operate at various MHz such as Interlogix, Honeywell 5800, 2GIG and DSC. With this one device, you can easily take over any of these systems and upgrade them to DMP panels, receivers and software management tools. With 24-hour standby operation, the new 1100TF is ideal for commercial fire installations and is in accordance with NFPA 70 and NFPA 72.

The 1100T communicates to a DMP panel via DMP's 1100 Series receivers' wireless connection that eliminates wiring. To accommodate the panel's maximum number of supported sensors, one 1100T can learn in:

- ▶ 32-48 zones with XT panels
- ▶ 99 zones with XTL panels
- ▶ 100 zones with XR150 panels
- ▶ 128 zones with XR550 panels

With this one device, you can continue to use the working transmitters and sensors to send events, supervision and low battery messages to the panel. Keeping existing transmitters and sensors in place allows you to save your customers money and reduce their level of interruptions with quicker installations.

The 1100T gives your customers DMP quality with online and app convenience and functionality without increasing installation costs. The 1100T is also compatible with life safety devices and is certified for commercial and residential smoke detection.

## COMPATIBILITY REFERENCE SHEET

Frequency Range 905-924 MHz  
 Flame-retardant ABS constructed housings

### 1100DE/1100XE Receiver

Operating Voltage 8.0 to 14 VDC  
 Current Draw 35 mA  
 Dimensions 5.5" W × 3.75" H × 1" D

### 1100DH/1100XH/1100DHE/1100XHE Receiver

Operating Voltage 8.0 to 14 VDC  
 Current Draw 100 mA  
 Dimensions 5.5" W × 3.75" H × 1" D

### 1100DI Receiver

Operating Voltage 8.0 to 14 VDC  
 Current Draw 45 mA  
 Housing Dimensions 3.3" L × 1.6" W × 1.2" H

### 1100R/1100RE Repeater

Operating Voltage 8.0 to 14 VDC  
 Dimensions 5.5" W × 3.75" H × 1" D

### 1100T Translator

Operating Voltage 12 VDC, 23 mA  
 Standby Battery  
 Voltage 3.7 VDC  
 Capacity 800 mAh  
 Type Lithium Polymer, rechargeable  
 Standby 4 hours  
 Dimensions 5.50" W × 3.75" H × 1.00" D

### 1100TF Translator

Operating Voltage 12 VDC, 31 mA  
 Standby Battery  
 Voltage 3.7 VDC  
 Capacity 2400 mAh  
 Type Lithium Polymer, rechargeable  
 Standby 24 hours  
 Dimensions 5.50" W × 3.75" H × 1.00" D

### Compatibility

XTL, XT, XR and XF6 Series Panels

### Accessories

376L DC Plug-in Power Supply (1100R only)  
 1100RBAT800/8 Rechargeable Battery (1100R only)  
 ESS32 Outdoor Enclosure (1100DH, 1100XH)  
 ESS31 Outdoor Enclosure (1100DI only)

### Patents

U.S. Patent No. 7,239,236

### Certifications

California State Fire Marshal (CSFM)

New York FDNY

FCC Part 15 Registration ID

CCKPC0110	1100R
CCKPC0111	1100DI
CCKPC0114	1100DH, 1100XH
CCKPC0114R6	1100DH
Industry Canada ID	
5251A-PC0110	1100R
5251A-PC0111	1100DI
5251A-PC0114	1100DH, 1100XH
5251A-PC0114R6	1100DH

Underwriters Laboratories (UL) Listed

Listings for 1100 Series Receivers and Repeaters

ANSI/UL 365  
 ANSI/UL 609  
 ANSI/UL 634  
 ANSI/UL 639  
 ANSI/UL 1023 (Also 1100T and 1100TF)  
 ANSI/UL 1076  
 ANSI/UL 1610  
 ANSI/UL 985 (Also 1100T and 1100TF)

Additional listings for 1100XH, 1100R, 1100T and 1100TF

ANSI/UL 864  
 Additional listings for 1100R  
 ANSI/UL 268

Additional listings for 1100T and 1100TF  
 ANSI/UL 2610

For additional information, visit [DMP.com/Compliance](http://DMP.com/Compliance).

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 using U.S. & global components

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