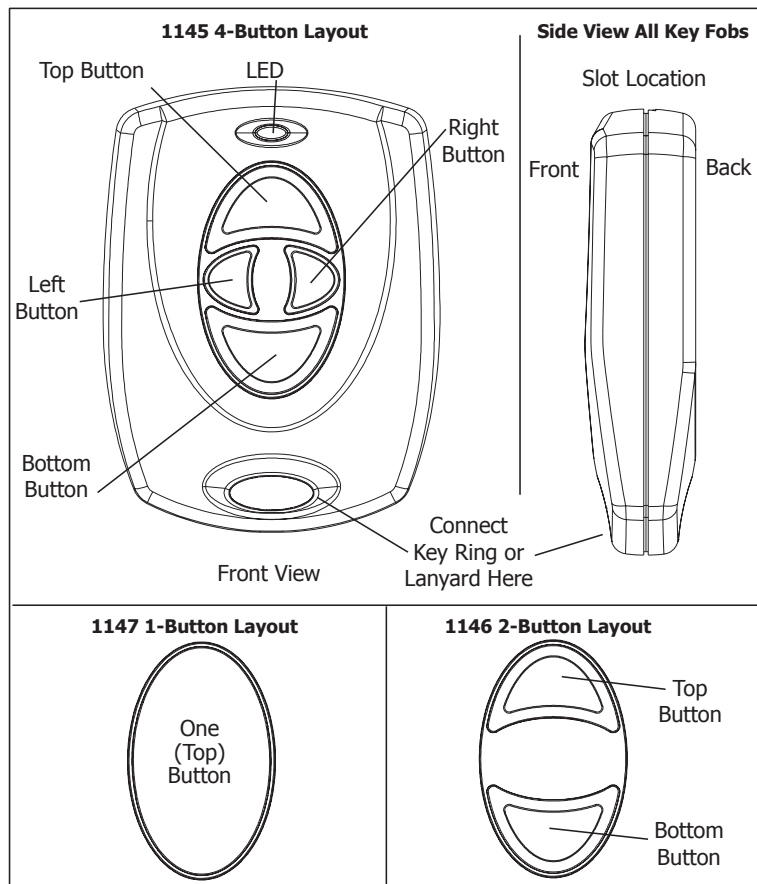


1100 Series Key Fob Transmitters

Description

The DMP 1100 Series Wireless Key Fob transmitters are available in a Four-Button (1145), Two-Button (1146), or One-Button (1147) arrangement and are designed to be clipped to a key ring or lanyard. The 1100 Series Key Fobs operate with the XR500 and XR100 Series Command Processor™ panels using the 1100X wireless receiver or with the XRSuper6, XR20, or XR40 Command Processor™ panels using the 1100D wireless receiver. Key Fob features include a durable water resistant housing, ergonomic button design for ease of use, and a status feedback LED for visual confirmation. The button status LED responds with specific color-coded LED displays to indicate system status.

Each button can be individually programmed for one of nine different actions. Key fob programming defaults to the typical use of the key fob such as Arming, Disarming, and Panic operations. Figure 1 shows the three key fob button configurations and the table below identifies the default programming for each button. Unique labels are available to identify the use of each button. See Figure 2.



Key Fob Model	Button Position	Default Programming
1145 (Four-Button)	Top	Arm
	Bottom	Disarm
	Left	Panic
	Right	Arm Area 1 or Perimeter
1146 (Two-Button)	Top	Arm
	Bottom	Disarm
1147 (One-Button)	Top	Panic

Figure 1: 1100 Series Key Fob Transmitters

What is Included

The 1100 Series Key Fob includes the following items:

- One key fob transmitter (1145, 1146, or 1147)
- One 3.0V lithium coin cell battery
- Peel-off button ID labels
- Serial number label

Transmitter Serial Number

For your convenience, an additional pre-printed serial number label is included. Prior to programming the device, record the serial number or place the pre-printed serial number label on the 1100 Series Key Fob Programming Sheet (LT-0706) included with the 1100X or 1100D wireless receiver. This number is required during programming.

Programming the Key Fob in the Panel

Refer to the XR500 Series Programming Guide (LT-0679), XR100 Series Programming Guide (LT-0896), or XRSuper6/ XR20/XR40 Programming Guide (LT-0305), and 1100 Series Key Fob Programming Sheet (LT-0706) as needed.

Program the key fob as a zone in Zone Information during panel programming. At the Serial Number prompt, enter the eight-digit serial number, including the leading zero. Continue to program the zone as directed in the panel programming guide. Should the default button operation need to be changed, the buttons can be reprogrammed to operate as needed in panel zone programming.

Note: As an option, the key fob may be programmed to be supervised. When a receiver is installed, powered up, or the panel is reset, the supervision time for transmitters, including key fobs is reset. If the receiver has been powered down for more than one hour, wireless transmitters may take up to an additional hour to send a supervision message unless a button is pressed. If programmed, this operation extends battery life. A missing message may display on the keypad until the key fob sends a supervision message.

Labeling the Key Fob for Use

Attach the key fob transmitter to any key ring or lanyard. Select the peel-off labels that display the programming for each button and place them onto the corresponding key fob buttons for identification. See Figure 2. For easier label installation, use a small flat head screwdriver or X-acto knife to select the label and apply it to the proper button location as shown in Figure 1. Button labels can be changed if programming is changed.

LED Status Operation

Depending on the programmed action of a key fob button, the Status LED turns on to acknowledge a button press or to indicate the armed state of the system.

- When the button is programmed for Panic, Panic 2, Emergency, Emergency 2, Output, or Sensor Reset, a 1/2 second Green flash occurs to acknowledge the button press.
- When the button is programmed for Arm, Disarm, Toggle arm/disarm, or Status, the system armed status is received by the key fob and the LED pulses once as shown in the table below.

LED Color	Duration	Description
Red	2.0 Seconds	All System On
Green	2.0 Seconds	All System Off
Green/Red	2.0 Seconds	System On (Some Areas Armed)

When a button programmed as Unused is pressed, the LED does not operate.

Note: For best operation, allow the LED to turn on and then turn off before pressing another button. The key fob may not complete sending the signal for the button press if another button is pressed too soon.

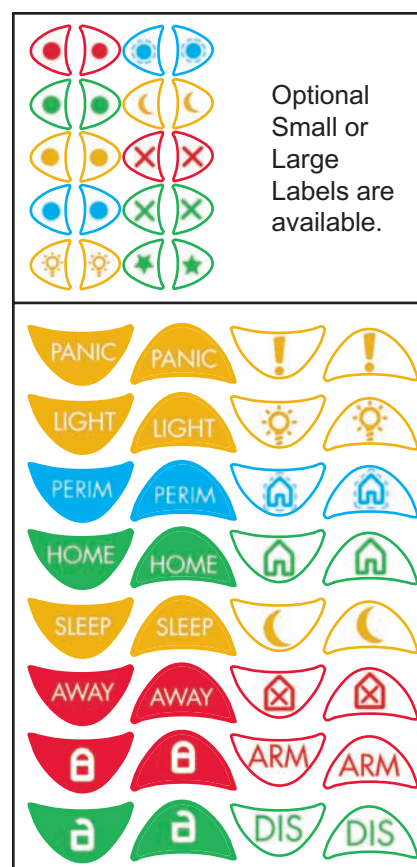


Figure 2: Button Labels

Replacing the Battery

Observe polarity when installing the battery. Use only 3.0V coin cell batteries, DMP Model CR2032, or the equivalent CR2032 battery from a local retail outlet.

1. Insert a small flat head screwdriver into the slot at the key fob end opposite the key ring and twist to separate the key fob front and back sections.
2. Push and slide the old battery out of the holder in the direction of the arrow to remove it. See Figure 3.
3. Verify the positive side of the battery is up.
4. Slide the new 3.0V Lithium battery into the holder and push into place.
5. Snap the front and back sections back together.



Caution: Properly dispose of unused batteries. Do not recharge, disassemble, heat above 212°F (100°C), or incinerate. Risk of fire, explosion, and burns.

Battery Life Expectancy

Typical battery life expectancy for DMP Model 1100 Series Key Fobs is 2 years. DMP wireless equipment uses two-way communication to extend battery life.

The following situations can reduce battery life expectancy:

- If a receiver is unplugged, too far away, or not installed.
Note: Transmitters continue to send supervision messages until a receiver returns an acknowledgement.

After an hour the transmitter only attempts a supervision message every 60 minutes.

- Frequent transmissions, such as pressing a button multiple times.

The following situation can extend battery life expectancy:

- Extend transmitter supervision time in panel programming.
- Infrequent button presses.

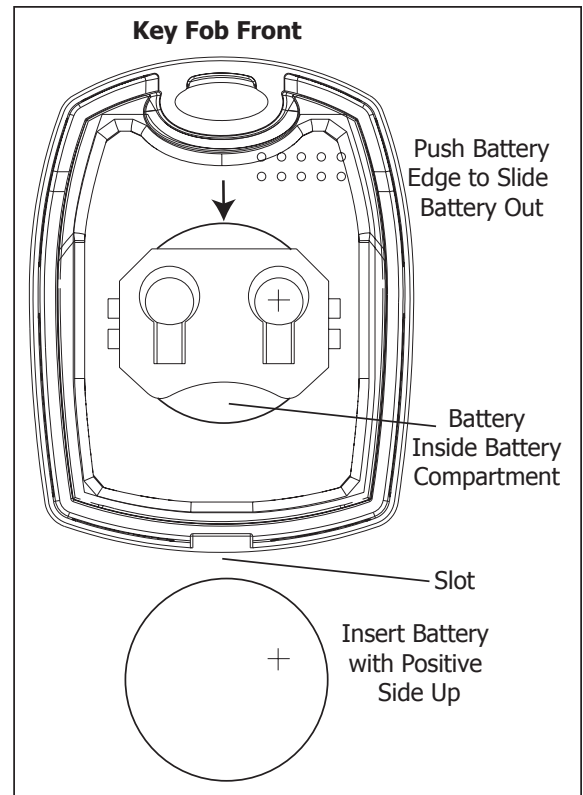


Figure 3: 1100 Series Battery Location

FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made by the user and not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The 1100 Series wireless system is a two-way supervised wireless design. It is compliant with FCC rules as they pertain to 900 MHz Spread Spectrum devices. In rare instances it has been observed that certain 900 MHz cordless telephones may occasionally experience a clicking sound on the telephone while in use. If this occurs, it may be resolved by selecting a different channel on the cordless telephone, or replacing the cordless phone with a different brand or model of 900 MHz telephone or other cordless telephone.

Specifications

Battery	
Life Expectancy	2 years
Type	3.0V lithium CR2032
See Battery Life Expectancy for full details.	
Dimensions	1.98" H x 1.98" W x 0.6" D
Color	Black
Housing Material	ABS Plastic

Compatibility

1100X Wireless Receiver Version 101 or higher with
XR500 Series Version 113 or higher
XR100 Series Version 113 or higher

1100D Wireless Receiver Version 103 or higher with
XRSuper6, XR20, or XR40 Version 302 or higher

1100X and 1100D version label is located on the lower left side of the Receiver PCB.

Patents

Patent(s) Pending

Listings and Approvals

FCC Part 15 Registration ID CCKPC0098



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