

1144 Series Key Fob Transmitters

Description

The DMP 1144 Series Wireless Key Fob transmitters are available in the following configurations. Selected models are also available with a built-in Prox Patch for additional access control operation.

- 1144-1 One-Button
- 1144-2 Two-Button
- 1144-D Dual Button
- 1144-4 Four-Button

Each 1144 Series Wireless Key Fobs features a durable water resistant housing designed to be clipped to a key ring or lanyard, 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.

The 1144-1P and 1144-2P Key Fob includes a built-in 1306P proximity credential. This accessory allows controlling the system for such functions as arming, disarming or access control via the access control credential. The 1306P is compatible with DMP proximity enabled keypads and HID readers.

Each button on the 1144-1, 1144-2, and 1144-4 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. The 1144-D provides two buttons that when pressed at the same time, send a panic message to the control panel for annunciation.

Figure 1 shows the 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 3.

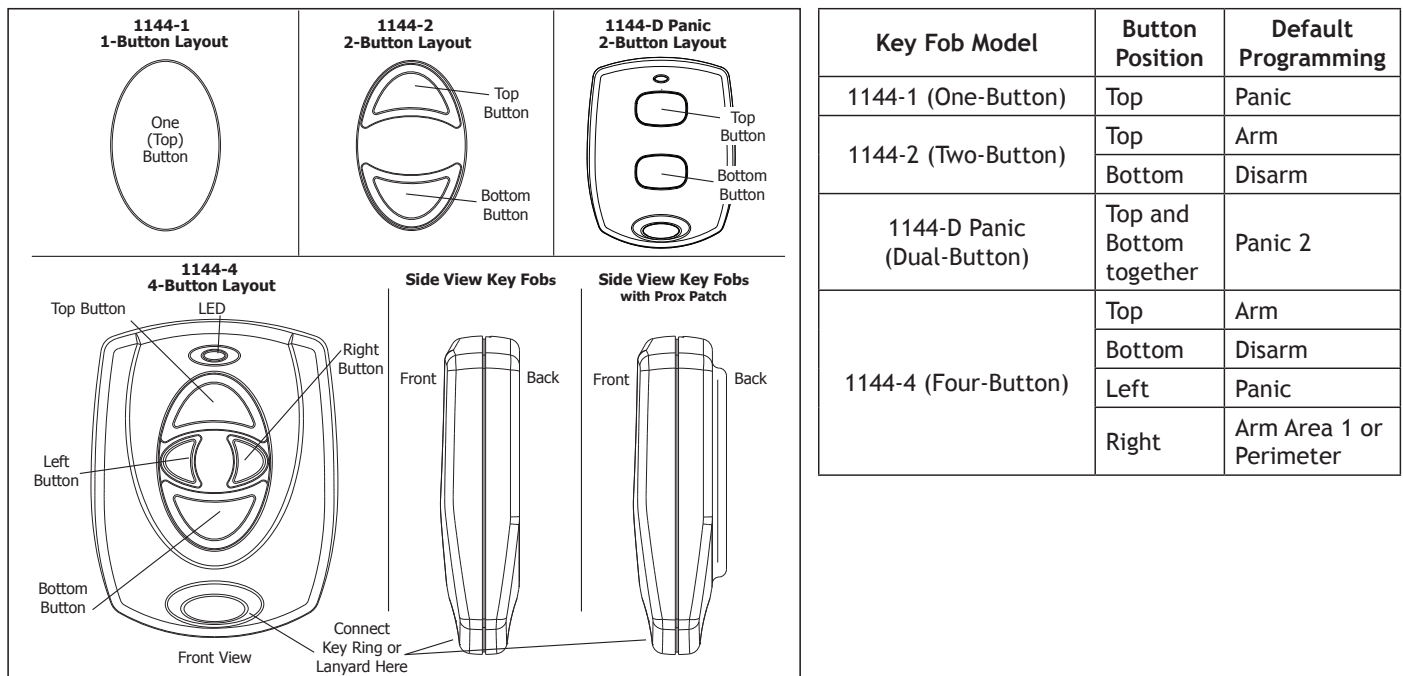


Figure 1: 1100 Series Key Fob Transmitters

Compatibility

- 1100 Series Wireless Receivers and Repeater, XTL and XT50, and XR150/XR550 Series control panels. See Compatibility Chart on back page.

What is Included

The 1144 Series Key Fob includes the following items:

- One key fob transmitter
- One 1306P Prox Patch™ credential (1144-1P and 1144-2P only)
- One Sony® CR2430 3.0V lithium coin cell battery
- Peel-off button ID labels (not included with the 1144-D)
- 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 1144 Series Key Fob Programming Sheet (LT-0706) included with the wireless receiver. This number is required during programming.

Battery Isolation Pull Tab

The 1144 Series Key Fobs are packaged with the battery installed, but not activated. To activate the battery remove the battery isolation pull tab. When removed the Key Fob will be active and may be programmed into the system. See Figure 2.

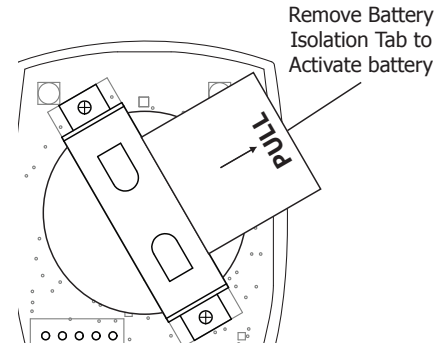


Figure 2: Battery Isolation Tab

Programming the Key Fob in the Panel

Refer to the panel programming guide and 1144 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. For applications where the 1144 Series Key Fobs may be taken off-site, supervision programming should be set to 0 (zero).

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.

Programming the 1144-1P and 1144-2P Credential

The system requires the credential to be presented to a keypad or card reader to program in the Prox Patch user code. The 1144-1P and 1144-2P includes a built-in proximity credential that allows users to perform codeless arming, disarming and door access. For more information on use of the 1144-1P or 1144-2P access control credential with your system, refer to the panel user guide for entering user codes.

Programming the 1144-D Panic in the Panel

Program the device as a PN2 (Panic 2) zone in Zone Information during panel programming. At the Serial Number: option, enter the eight-digit serial number. For applications where the 1144-D may be taken off-site, supervision programming should be set to 0 (zero).

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 3. For easier label installation, use a small flat head screwdriver or hobby 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. Button labels are not included with the 1144-D.

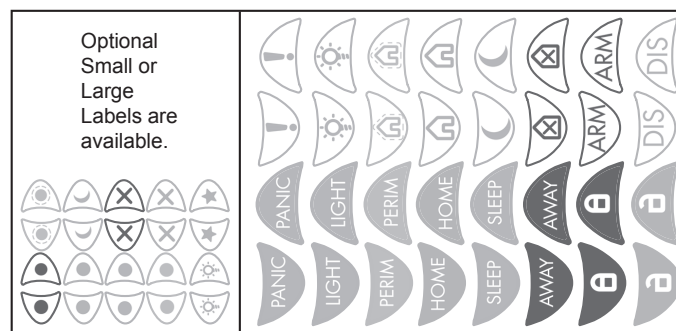


Figure 3: Button Labels

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.

Replacing the Battery

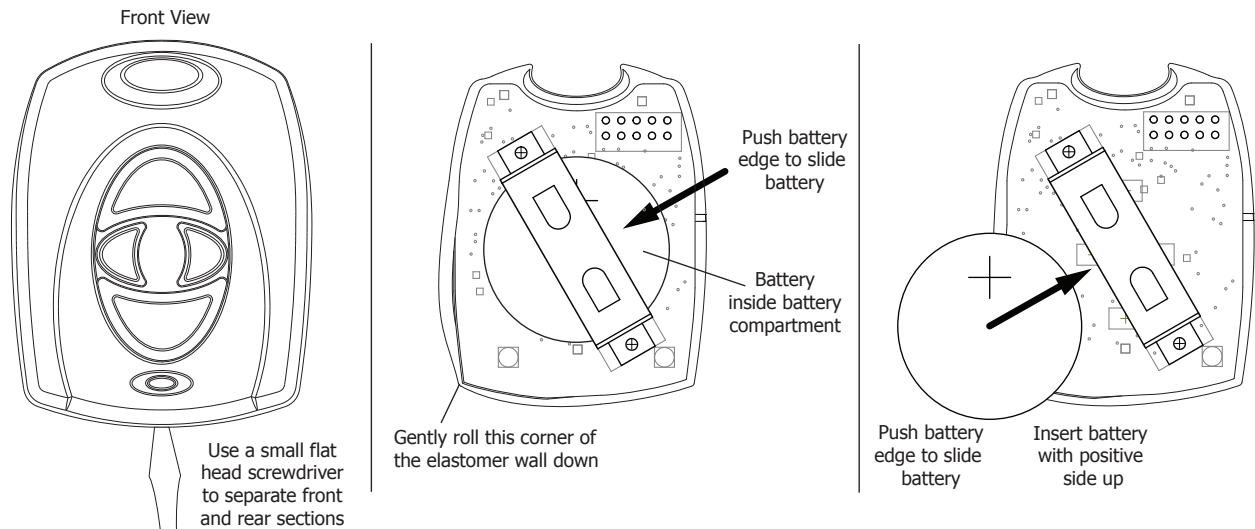


Figure 4: 1100 Series Battery Location

The 1144 Series Key Fob reports a low battery condition by automatically testing for a low battery on a daily basis. When replacement of the key fob battery is necessary, a LOBAT message will display on the keypad. Once the battery is replaced a sensor reset is required at the system keypad to clear the LOBAT message.

Observe polarity when installing the battery. Use only 3.0V coin cell batteries, DMP Model CR2430, or the equivalent Sony® CR2430 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 on the button area to remove the PCB and elastomer from the hard plastic case.
3. Gently roll the corner of the elastomer wall down then push and slide the old battery out of the holder in the direction of the arrow to remove it. See Figure 4.
4. Verify the positive side of the battery is up and slide the new CR2430 Lithium battery into the holder and push into place.
5. Roll the corner of the elastomer wall around the PCB and replace in the front hard plastic case.
6. Snap the front and back sections back together.
7. Perform a Sensor Reset to clear LOBAT from the keypad screen.

Sensor Reset to Clear LOBAT

1. On the alarm system keypad, press 2 and hold for two seconds on the keypad.
2. Enter your user code if required.
3. The keypad displays SENSORS OFF followed by SENSORS ON.



Caution: Properly dispose of used 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 1144 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.
- Frequent transmissions, such as pressing a button multiple times.

The following situation can extend battery life expectancy:

- Set supervision time to 0 (zero) in panel programming.
- Infrequent button presses.

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.

<p>Specifications</p> <p>Battery</p> <p>Life Expectancy 2 years</p> <p>Type 3.0V lithium Sony® CR2430</p> <p>See Battery Life Expectancy for full details.</p> <p>Dimensions:</p> <p>1144-1, 1144-2, 1144-D, 1144-4, : 1.98" H x 1.53" W x 0.5" D</p> <p>1144-1P, 1144-2P, : 1.98" H x 1.53" W x 0.55" D</p> <p>Color Black</p> <p>Housing Material ABS Plastic</p>	<p>Compatibility</p> <p>1100 Wireless Receivers</p> <p>1100R Wireless Repeater</p> <p>XTL Series Control panels</p> <p>XT50 Series built-in Wireless Receiver</p> <p>XR150/XR550 Series Control panels</p> <p>Patents</p> <p>U. S. Patent No. 7,239,236</p> <p>Certifications</p> <p>FCC Part 15 Registration ID CCKPC0098</p>
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