DESCRIPTION

The 1144 Series Wireless Key Fobs include the 1144-1 One-Button, 1144-2 Two-Button, 1144-D Dual-Button, and 1144-4 Four-Button transmitters.

Each key fob features a durable water-resistant housing designed to be clipped to a key ring or lanyard, ergonomic button design, and a status LED that indicates system status with color-coded responses.

Variants include models with a 1306P Prox Patch™ credential, 128-bit AES encryption, or panic supervision mode. For more information, refer to “Ordering Information”.

Compatibility

All DMP XT Series and XR Series Panels and all 1100 Series Wireless Receivers

To use wireless encryption, panels must have firmware Version 183 or higher and wireless receivers must have firmware Version 300 or higher.

What is Included?

• One Key Fob Transmitter with extra serial number label
• One 1306P Prox Patch credential (1144-1P and 1144-2P only)
• One Sony® CR2430 3.0 V Lithium Coin Battery
• Peel-off Button Labels (not included with 1144-D)

OPERATION

Each button on the 1144-1, 1144-2, and 1144-4 can be individually programmed for one of nine different actions. The 1144-D provides two buttons that, when pressed at the same time, send a panic message to the control panel for annunciation.

Figure 2 shows the key fob button configurations. Table 1 shows the default programming for each button.

<table>
<thead>
<tr>
<th>KEY FOB MODEL</th>
<th>BUTTON POSITION</th>
<th>DEFAULT PROGRAMMING</th>
</tr>
</thead>
<tbody>
<tr>
<td>1144-1 One-Button</td>
<td>Top</td>
<td>Panic</td>
</tr>
<tr>
<td>1144-2 Two-Button</td>
<td>Top</td>
<td>Arm</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>Disarm</td>
</tr>
<tr>
<td>1144-D Panic</td>
<td>Top and Bottom</td>
<td>Panic 2</td>
</tr>
<tr>
<td>Dual-Button</td>
<td>together</td>
<td></td>
</tr>
<tr>
<td>1144-4 Four-Button</td>
<td>Top</td>
<td>Arm</td>
</tr>
<tr>
<td></td>
<td>Bottom</td>
<td>Disarm</td>
</tr>
<tr>
<td></td>
<td>Left</td>
<td>Panic</td>
</tr>
<tr>
<td></td>
<td>Right</td>
<td>Arm Area 1 or Perimeter</td>
</tr>
</tbody>
</table>

Table 1: Default Key Fob Programming
1 PROGRAM THE PANEL

Remove the Battery Isolation Tab
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 3.

Program the Key Fob
After completing each of the following steps, press CMD to advance to the next option. Refer to the appropriate panel programming guide as needed.

1. At a keypad, enter 6653 (PROG) to access the Programmer Menu.
2. (1144E Series only) Go to SYSTEM OPTIONS. At 1100 ENCRYPTION, select ALL to only add encrypted wireless devices to the system. Select BOTH to allow both encrypted and non-encrypted wireless devices to be programmed.
3. (1144E Series only) The default passphrase is displayed at the ENTER PASSPHRASE prompt. Press CMD to keep the default. Press any select key or area to change the passphrase and enter an 8-character hexadecimal string (0-9, A-F).
4. (XR Series panels only) To enable panic supervision for the 1144-1P-PSV, go to SYSTEM OPTIONS. At PANIC SUPERVISION, select YES.
5. Go to ZONE INFORMATION and enter the wireless zone number. Refer to Table 2 for zone numbers.
6. (XT Series panels only) At KEYFOB select YES.
7. At KEY FOB USER NUMBER, enter an existing user number to be associated with the key fob. If the user does not exist, the keypad displays USER X NOT IN USE. The key fob can be programmed, but the user must be created for it to function properly.
8. At TRANSMITTER SERIAL#, enter the eight-digit key fob serial number.
9. At TRANSMITTER SUPRVSN TIME, select a supervision time for the key fob. The default is 0 minutes. For applications where the key fob may be taken off-site, supervision time should be set to 0 (zero).

Program Key Fob Buttons
Refer to Table 3 when programming button actions.

1. At NO. OF KEY FOB BUTTONS, enter the number of buttons on the key fob (1, 2, or 4).
2. At BUTTON, select the button that you want to program: TOP, BTM, LFT, or RGT.
3. At BUTTON ACTION, choose an action for the button.
4. Configure press time or output options as needed.
5. Repeat the steps in this section as needed for each key fob button.
6. At the NEXT ZONE prompt, select YES if you are finished programming the zone. Select NO if you would like to access additional programming options.
7. To save panel programming, go to STOP and press CMD.

Program the 1144-1P and 1144-2P Credential
Present the credential to a keypad or card reader to program the user credential. For information about adding user codes, refer to the panel user guide.

<table>
<thead>
<tr>
<th>PANEL MODEL</th>
<th>ZONE NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>XRI50/XR550 Series</td>
<td>400-449</td>
</tr>
<tr>
<td>XT30/XT50 Series</td>
<td>31-34 (slow)</td>
</tr>
<tr>
<td></td>
<td>41-44 (fast)</td>
</tr>
<tr>
<td>XTLplus and XTLtouch</td>
<td>51-54 (slow)</td>
</tr>
<tr>
<td></td>
<td>61-64 (fast)</td>
</tr>
</tbody>
</table>

Table 2: Key Fob Zone Numbers

<table>
<thead>
<tr>
<th>ACTION</th>
<th>SELECT</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm</td>
<td>ARM</td>
<td>Short/Long Press, Arm/Disarm Areas</td>
</tr>
<tr>
<td>Disarm</td>
<td>DIS</td>
<td>Short/Long Press, Arm/Disarm Areas</td>
</tr>
<tr>
<td>Toggle</td>
<td>TGL</td>
<td>Short/Long Press, Arm/Disarm Areas</td>
</tr>
<tr>
<td>Status LED</td>
<td>STA</td>
<td>Short/Long Press</td>
</tr>
<tr>
<td>Panic</td>
<td>PN</td>
<td>Output Number, Output Action</td>
</tr>
<tr>
<td>Panic (2-button)</td>
<td>PN2</td>
<td>Output Number, Output Action</td>
</tr>
<tr>
<td>Emergency</td>
<td>EM</td>
<td>Output Number, Output Action</td>
</tr>
<tr>
<td>Emergency (2-button)</td>
<td>EM2</td>
<td>Output Number, Output Action</td>
</tr>
<tr>
<td>Output</td>
<td>OUT</td>
<td>Output Number, Output Action</td>
</tr>
<tr>
<td>Sensor Reset</td>
<td>RST</td>
<td>Short/Long Press</td>
</tr>
<tr>
<td>Unused</td>
<td>UN</td>
<td>-</td>
</tr>
</tbody>
</table>

Table 3: Key Fob Button Programming Information
ADDITIONAL INFORMATION

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. This operation extends battery life. A missing message may display on the keypad until the key fob sends a supervision message.

**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. For best results, allow the LED to turn on and then turn off before pressing another button.

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 Table 4. The LED does not operate when a button programmed as Unused is pressed.

<table>
<thead>
<tr>
<th>LED COLOR</th>
<th>DURATION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>2.0 Seconds</td>
<td>All System On</td>
</tr>
<tr>
<td>Green</td>
<td>2.0 Seconds</td>
<td>All System Off</td>
</tr>
<tr>
<td>Green/Red</td>
<td>2.0 Seconds</td>
<td>System On (Some Areas Armed)</td>
</tr>
</tbody>
</table>

Table 4: LED Operation

**Replace the Battery**

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. Refer to Figure 4 when replacing the battery.

Observe polarity when installing the battery. Use only DMP Model CR2430 3.0 V coin cell batteries or equivalent Sony CR2430 battery from a local retail outlet.

1. Insert a small flathead screwdriver into the slot at the key fob end opposite the key ring and twist to separate the 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.
4. Verify the positive side of the battery is up and slide the new CR2430 Lithium battery into the holder and push it 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.

**Perform a Sensor Reset to Clear LOBAT**

1. Once the battery is replaced, a sensor reset is required at the keypad to clear the **LOBAT** message.
2. On an LCD keypad, press and hold 2 for two seconds. On a graphic touchscreen keypad, press **RESET**. Enter your user code, if required. The keypad displays **SENSORS OFF** followed by **SENSORS ON**.

**LABEL THE KEY FOB**

Attach the key fob to any key ring or lanyard. Select the peel-off labels that display button programming and place them onto the corresponding key fob buttons. 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. Button labels can be changed if programming is changed. Button labels are not included with the 1144-D.
**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.

The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm (7.874 in.) from all persons. It must not be located or operated in conjunction with any other antenna or transmitter.

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:

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

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**1144 SERIES KEY FOB TRANSMITTERS**

**Specifications**

- **Battery**
  - Life Expectancy: 2 years (normal operation)
  - Type: 3 V Lithium Sony CR2430
  - Dimensions: 1.98” H x 1.53” W x 0.55” D
  - Color: Black
  - Housing Material: ABS Plastic

- **Ordering Information**
  - 1144-D: Dual-Button Key Fob
  - 1144-1: One Button Key Fob
  - 1144-1E: One Button Key Fob with encryption
  - 1144-1P: One Button Key Fob with prox
  - 1144-1P-PSV: One Button Key Fob with prox and panic supervision mode
  - 1144-2: Two Button Key Fob
  - 1144-2E: Two Button Key Fob with encryption
  - 1144-2P: Two Button Key Fob with prox
  - 1144-4: Four Button Key Fob
  - 1144-4E: Four Button Key Fob with encryption

- **Accessories**
  - 1144-HSG-B: Key fob replacement housing, black
  - CR2430/10: Key fob replacement battery, 10 pack

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**Patents**

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

**Certifications**

- FCC Part 15 Registration ID CCKPC0098