1144 INTERNATIONAL KEY FOB TRANSMITTERS

Installation Guide

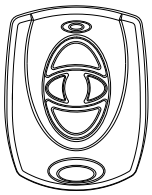

Figure 1: 1144INT Series Key Fob Transmitter

DESCRIPTION

The 1144INT Series Wireless Key Fob transmitters are available in the following configurations: 1144-1INT One-Button, 1144-2INT Two-Button, and 1144-4INT Four-Button.

Each 1144INT Series Wireless Key Fob features a durable water-resistant housing designed to be clipped to a key ring or lanyard, an 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 key fobs feature 128-bit AES encryption.

Compatibility

- 1100XINT Wireless Receiver v700 and Higher
- 1100DINT Wireless Receiver v700 and Higher
- XT30INTSeries Panel v700 and Higher
- XR150INT/XR550INT Series Panel v693 and Higher

What is Included?

- One Key Fob Transmitter
- One Sony® CR2430 3.0 V Lithium Coin Cell Battery
- Peel-off Button ID Labels
- Serial Number Label

OPERATION

Each button on the key fob can be individually programmed for one of nine different actions.

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

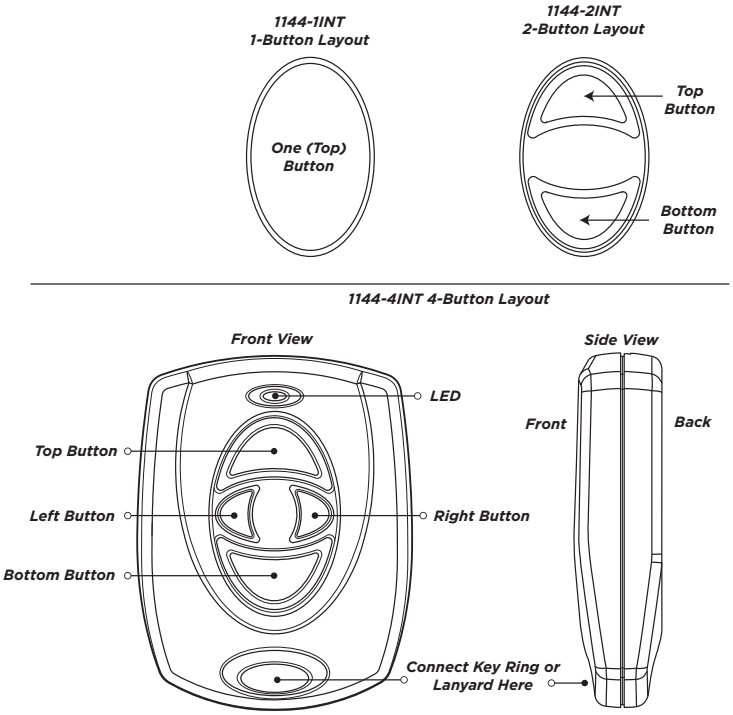

Figure 2: 1144INT Series Key Fob Transmitters

Key Fob Model	Button Position	Default Programming
1144-1INT One-Button	Top	Panic
1144-2INT Two-Button	Top	Arm
	Bottom	Disarm
1144-4INT Four-Button	Top	Arm
	Bottom	Disarm
	Left	Panic
	Right	Arm Area 1 or Perimeter

Table 1: Default Key Fob Programming

1 PROGRAM THE PANEL

Battery Isolation Pull Tab

The 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 3.

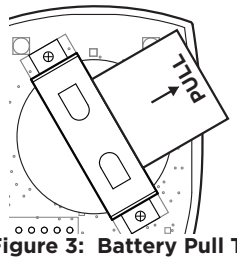

Figure 3: Battery Pull Tab

Program the Key Fob

Prior to programming, record the transmitter serial number or place the included pre-printed serial number label on the 1100INT Series Key Fob Programming Sheet (LT-0706INT). The serial number is required during programming.

Refer to the panel programming guide and 1100INT Series Key Fob Programming Sheet as needed.

1. In **ZONE INFORMATION**, enter the zone number and press **CMD**.
2. Enter the zone name and press **CMD**.
3. Enter the **ZONE TYPE** and press **CMD**.
4. At the **NEXT ZONE** prompt, select **NO**. If you see the **WIRELESS ZONE** prompt, select **YES**.

   Note: This option only displays if the zone number can be programmed as wireless. This option does not appear for hardwired zones.
5. Enter the eight-digit **SERIAL NUMBER** and press **CMD**.
6. Enter the **SUPERVSN TIME** and press **CMD**.

   Note: For applications where the 1144INT Series Key Fob may be taken off-site, supervision programming should be set to **0** (zero).
7. In **SYSTEM OPTIONS**, at the **1100 ENCRYPTION** prompt, 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.
8. The default passphrase appears at **ENTER PASSPHRASE**. 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).

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

2 LABEL THE KEY FOB

Attach the key fob transmitter 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 as shown in Figure 2. Button labels can be changed if programming is changed.

ADDITIONAL INFORMATION

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 Table 2.

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)

Table 2: LED Status Operation

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

The 1144INT 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 3.0 V 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 rear 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 rear sections back together.
7. Perform a Senor Reset to clear **LOBAT** from the keypad screen.

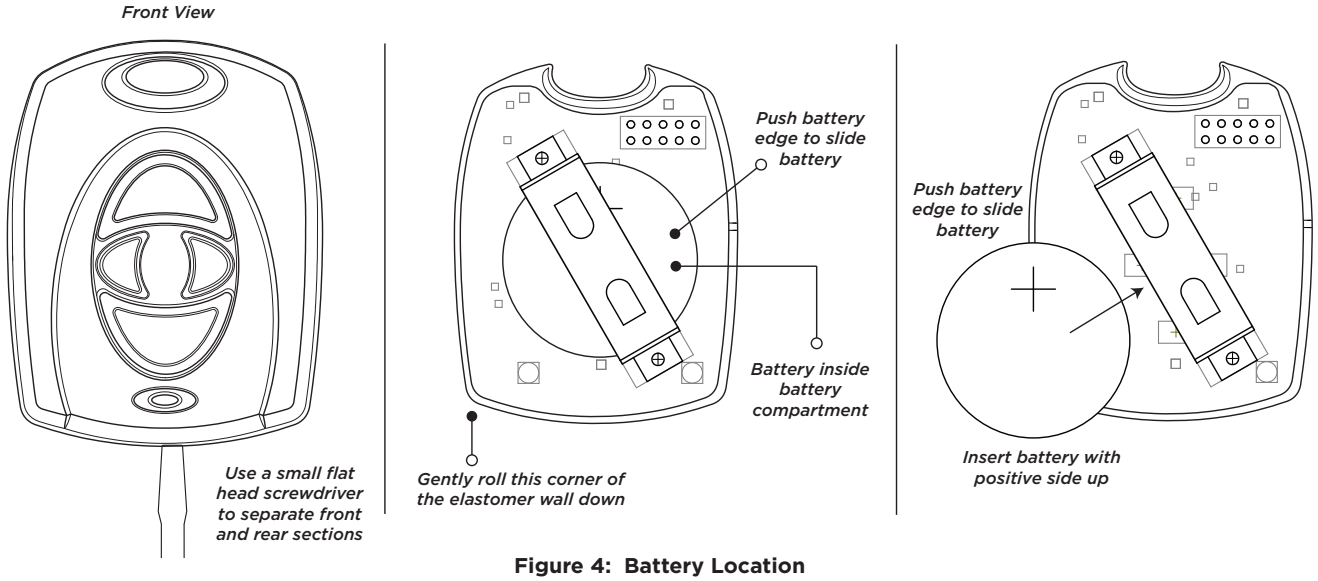

Figure 4: Battery Location

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. Improper disposal of batteries may result in fire, explosion, and/or burns.

Battery Life Expectancy

Typical battery life expectancy for 1144INT 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.

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Specifications

Security Grade	2 Type B Portable ACE
Environmental Class	II
Operating Temperature	0°C - 49°C 32°F - 120°F
Relative Humidity	80%
Weight	.02 kg
Battery	
Life Expectancy	2 years
Type	3 V Lithium Sony CR2430
Frequency Range	863-869 MHz
Dimensions	1.98 H x 1.53 W x 0.5 D in. 5.03 H x 3.89 W x 1.27 D cm.
Color	Black
Housing Material	ABS Plastic

Patents

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

International Certificates

Intertek (ETL)

EN 50130-4:2011	EMC - Product Family Standard. Immunity Requirements for Components of Fire, Intruder, and Social Alarm Systems
EN 50130-5:2011	Alarm Systems. Environmental Test Methods
EN 50131-1:2006+A1;A2	Alarm Systems. Intrusion and Hold-up Systems. System Requirements
EN 50131-3:2009	Alarm Systems. Intrusion and Hold-up Systems. Control and Indicating Equipment
EN 50131-5-3:2017	Alarm Systems. Intrusion systems. Requirements for Interconnections Equipment using Radio Frequency Techniques
EN 61000-3-2:2009+A1;A2	Limits - Limits for Harmonic Current Emissions (Equipment Input Current less than or equal to 16 A per Phase)
EN 61000-3-3:2013	Limits - Limitation of Voltage Changes, Voltage Fluctuations and Flicker in Public Low-Voltage Supply Systems, for Equipment With Rated Current less than or equal to 16 A per Phase and Not Subject to Conditional Connection
EN 61000-6-4:2018	Generic Standard - Emission Standard for Industrial Environments

Designed, engineered, and manufactured in Springfield, MO using U.S. and global components.
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2500 North Partnership Boulevard
Springfield, Missouri 65803-8877
417.831.9362 | DMP.com