

1142INT WIRELESS TWO-BUTTON TRANSMITTER

Installation Guide

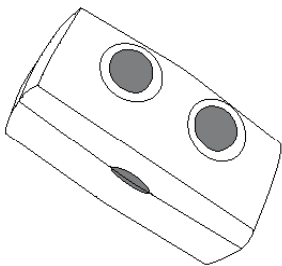


Figure 1: 1142INT Wireless Two-Button Transmitter

DESCRIPTION

The 1142INT is a wireless two-button hold-up transmitter designed for installation under the counter. The 1142INT features 128-bit AES encryption.

The 1142INT unit provides two buttons that, when pressed at the same time, send a panic message to the control panel. The buttons also provide an LED that can be programmed to provide visual indication that a panic alarm has been transmitted.

Compatibility

- 1100XINT Wireless Receivers Version 700 and Higher
- 1100DINT Wireless Receivers Version 700 and Higher
- XT30INT/XT50INT Series Panels Version 693 and Higher
- XTLplusINT/XTLtouchINT Series Panels Version 693 and Higher
- XR150INT/XR550INT Series Panels Version 693 and Higher

What is Included?

- One 1142INT Two-Button Panic Transmitter
- One 3.0 V Lithium CR123A Battery
- Hardware Pack



1 PROGRAM THE PANEL

When programming the 1142INT in the panel, refer to the panel programming guide as needed. For your convenience, an additional pre-printed serial number label is included.

1. In **ZONE INFORMATION**, enter the wireless **ZONE NO:**
2. Enter the zone name.
3. Select **PN** (panic) as the **ZONE TYPE**.
4. At the **NEXT ZN?** prompt, select **NO**.
5. Select **YES** when **WIRELESS?** displays.
6. Enter the eight-digit **SERIAL#** and press **CMD**.
7. Enter in the **SUPRVSN TIME** (supervision time) and press **CMD**.



Note: For applications where the transmitter may be taken off-site, set the supervision time to zero (**0**).

8. At **LED OPER** (operation), select **YES** to activate or **NO** to not activate the LED when a panic signal is transmitted or acknowledged by the receiver. The LED pulses for five minutes after the acknowledgement is received from the panel.
9. At the **NEXT ZN?** prompt, select **YES** if you are finished programming the zone. Select **NO** if you would like to access additional programming options.
10. 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.
11. 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).

2 OPEN THE 1142INT

Because of the strength and the snap-on design of the plastic, the 1142INT can only be opened by using a 3/16" slotted tip screwdriver.

1. Insert the screwdriver in Tab 1 and twist it clockwise as seen in Figure 2.
2. Insert the screwdriver in Tab 2 and twist it counterclockwise until the housing completely opens.

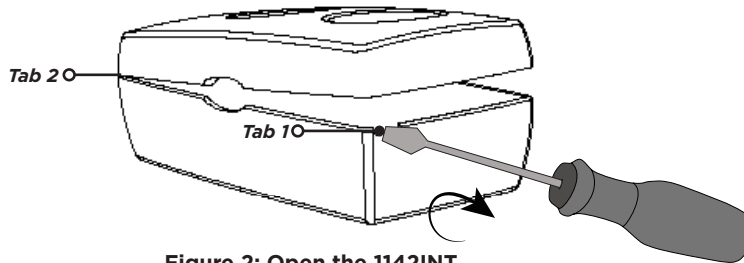


Figure 2: Open the 1142INT

3 INSTALL THE BATTERY

Use a 3.0 V lithium battery or a DMP Model CR123A battery. When setting up a wireless system, program zones and connect the receiver (if needed) before installing the battery.

With the transmitter already open, observe polarity and place the battery in the holder and press it into place.

4 SELECT A LOCATION

The transmitter provides a survey capability to allow one person to confirm communication with the wireless receiver or panel while the cover is removed. This allows you to determine the best location for the transmitter.

Check the Location Using a Survey LED

1. Hold the 1142INT in the exact desired location.
2. Press the tamper switch to send data to the panel and determine if communication is confirmed or faulty. See Figure 3 for tamper switch and LED locations.

✓ **Confirmed:** If communication is confirmed, the survey LED turns on when data is sent to the receiver and off when acknowledgement is received.

✗ **Faulty:** If communication is faulty, the LED remains on for about 8 seconds or flashes multiple times in quick succession.

3. Relocate the transmitter or receiver until the LED confirms clear communication. Proper communication between the transmitter and panel is verified when for each press or release of the tamper switch, the LED blinks immediately on and immediately off.

PCB COMPONENTS

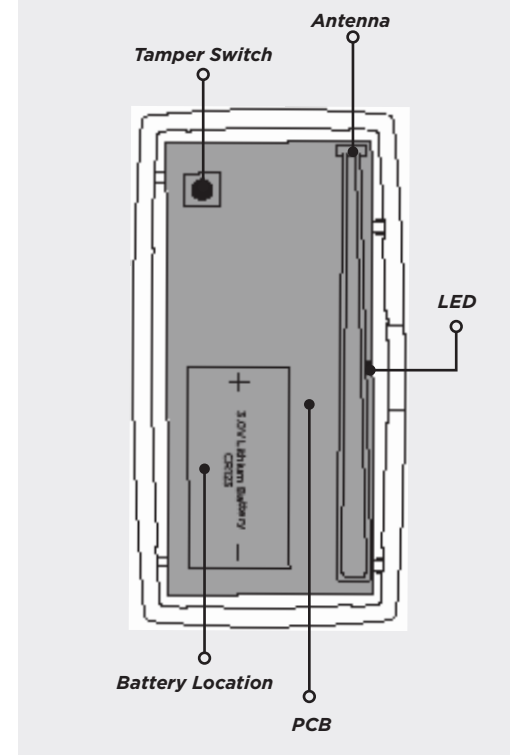


Figure 3: PCB Components

5 MOUNT THE 1142INT

1. Set aside the top housing containing the PCB and the battery.
2. Place the base housing in the desired location with the LED cut-out facing you.
3. Use the two supplied Phillips screws to mount the base.
4. Install a screw in the tamper location if required.
5. Align the top housing and LED cut-out with the base housing and LED cut-out and snap into place. Ensure the tamper in the top housing is aligned with the tamper location on the base housing.

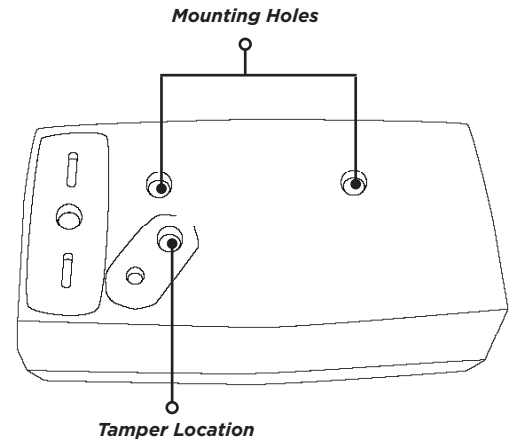


Figure 4: Mounting Holes

6 WALK TEST THE 1142INT

After the transmitter has been installed, perform a Walk Test to confirm the transmitter is communicating with the panel.

1. At the keypad, enter **8144** (WALK) and select **WLS**.
2. If the transmitter fails to check in at the keypad, relocate the wireless device or receiver. Repeat the survey LED test followed by the Walk Test until the transmitter checks in at the keypad.

ADDITIONAL INFORMATION

Replace the Battery

1. Open the 1142INT and remove the old battery.
2. Observe polarity and place the new battery in the holder and press into place.
3. Align the top housing and LED cut-out with the base housing and LED cut-out and snap into place. See Figure 2.

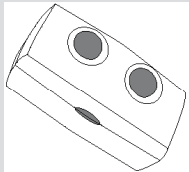
⚡ Caution: Properly dispose of used batteries to avoid risk of fire, explosion, and burns. Do not recharge, disassemble, heat above 212°F (100°C), or incinerate.

Sensor Reset to Clear LOBAT

When the battery needs to be replaced, 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.

1. On a Thinline keypad, press and hold "**2**" for two seconds. On a touchscreen keypad, press **RESET**.
2. Enter your user code if required. The keypad displays **SENSORS OFF** followed by **SENSORS ON**.

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Specifications

Security Grade	2 Type B ACE
Environmental Class	II
Operating Temperature	0°C - 49°C 32°F - 120°F
Relative Humidity	80%
Weight	.068 kg
Battery	
Life Expectancy	5 years (normal operation)
Type	3.0 V lithium CR123A
Frequency Range	863-869 MHz
Housing Material	Flame retardant ABS
Dimensions	3.3"L x 1.6"W x 1.2"H 8.4 L x 4.06 W x 3.05 H cm
Color	White

Accessories

CR123	3.0 V Lithium Battery
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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