

1141 Wall Button

Description

The 1141 Wall Button is a one-button wireless transmitter. The 1141 may be used for a variety of applications such as Arming, Disarming, turning an Output on or off, activating a Z-Wave Favorite, or activating a Panic or Emergency alarm.

The 1141 features a water-resistant button (when installed using the double-sided tape mounting procedure) with a Status LED to provide visual indication that a message has been transmitted and received by the panel. The 1141 operates using the supplied 3 Vdc Lithium batteries.

Compatibility

All DMP 1100 Series Wireless Receivers and Panels

What is Included

The 1141 Wall Button includes the following:

- One 1141 Wall Button Transmitter
- Two 3 Vdc Lithium CR2430 batteries
- Serial number label

Transmitter Serial Number

For your convenience, an additional pre-printed serial number label is included. Prior to installing the transmitter, record the serial number or place the pre-printed serial number label on the 1141 base (see Figure 4). This number is required during programming. As needed, use the zone name and number label to identify a specific transmitter.

Programming the Transmitter in the Panel

Refer to the panel programming guide as needed. Program the device as a zone in ZONE INFORMATION during panel programming. At the Serial Number prompt, enter the eight-digit serial number. Continue to program the zone as directed in the panel programming guide.

Status LED Operation Programming

When the button is pressed, the 1141 Status LED operates according to the LED OPERATION NO YES option in ZONE INFORMATION.

- YES** - The Status LED blinks once when the button is pressed and then once every second for five minutes to confirm a message was sent.
- NO** - The Status LED blinks once when the button is pressed to confirm a message was sent.

When Supervision time is set to 0, the 1141 Status LED blinks once every minute to confirm communication from the panel. When Supervision time set to 60 or 240, the 1141 Status LED only blinks when the button is pressed.

Note: When a receiver is installed, powered up, or the panel is reset, the supervision time for transmitters 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 tripped or powered up. This operation extends battery life for transmitters. A missing message may display on the keypad until the transmitter sends a supervision message.

LED Survey

The 1141 Transmitter provides a survey capability to allow one person to confirm transmitter communication with the receiver. The 1141 Transmitter Status LED turns on whenever data is sent to the receiver then immediately turns off when the receiver acknowledgement is received.

Pressing the button sends data to the receiver to confirm operation. When the transmitter does not receive an acknowledgement from the receiver the LED remains on for approximately eight seconds to indicate that communication is not established. Communication is also faulty when the LED flashes multiple times in quick succession. Relocate the transmitter or receiver until the LED immediately turns off indicating the transmitter and receiver are communicating properly. Proper communication between the transmitter and receiver is verified when for each press of the button, the LED blinks immediately on and immediately off. Repeat this test to confirm five separate consecutive LED blinks. Any indication otherwise means proper communication has not been established.

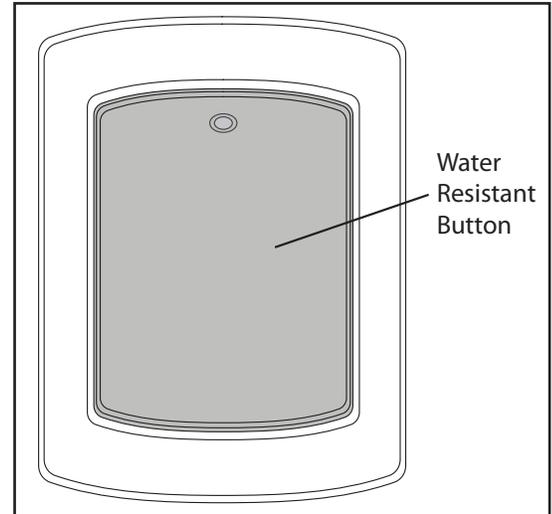


Figure 1: 1141 Wall Button Transmitter

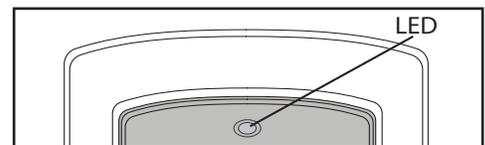


Figure 2: Status LED

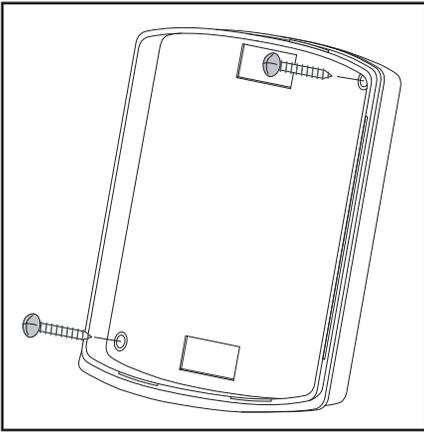


Figure 3: Screw Mount

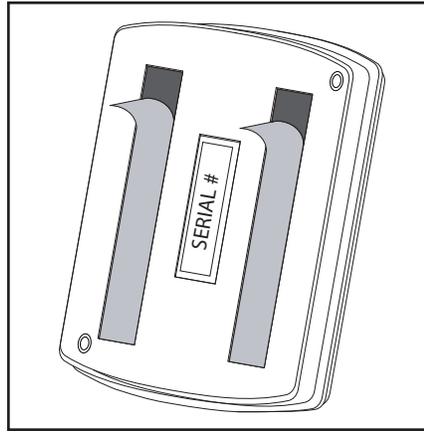


Figure 4: Double-Sided Tape Mount

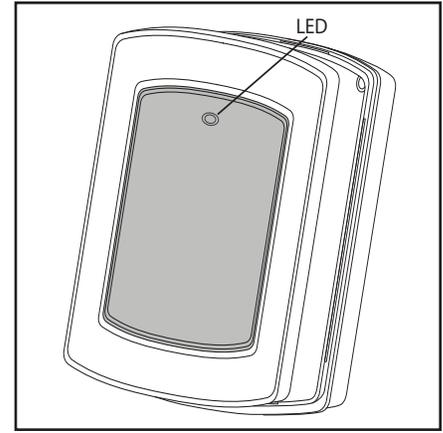


Figure 5: Installing the Top Housing

Mounting the Transmitter

These instructions cover installing the 1141 on an interior wall. Figures 3 and 4 show the base housing inside and outside views. For a water-resistant installation use the double-sided tape mounting procedure.

Double-sided tape mounting

1. Install two 1/2" wide strips of double-sided tape (not included) in the indentions on the back of the base housing.
2. Remove the backing from the tape and place the housing in the desired location on the wall with the LED toward the top. See Figure 4.

Screw mounting

1. Insert a flat screwdriver into the slot on the bottom of the 1141 housing and gently lift the screwdriver handle while pulling the halves apart. See Figure 6.
2. Set aside the top housing containing the button and internal assembly.
3. Using two #6 Phillips head screws (not included), press through the depressions and mount the base to the wall. See Figure 3.
4. Align the top housing with the base, keeping the LED toward the top, and snap the top housing into place. See Figure 5.

Installing or Replacing the Batteries

Observe polarity when installing batteries. Use only 3 Vdc Lithium batteries, DMP Model CR2430, or the equivalent battery from a local retail outlet.

Note: When setting up a wireless system, it is recommended to program zones and connect the receiver before installing batteries in the transmitters.

1. Remove the top housing containing the button and internal assembly. Insert a flat screwdriver into the slot on the bottom of the housing and gently lift the screwdriver handle while pulling the halves apart. See Figure 6.
2. Using your hands, gently separate the top housing from the base.
3. Turn the top housing over and using your fingers, gently pull back the top printed circuit board (PCB) snap. See Figure 7.
4. Lean the PCB out and lift away from the bottom PCB snap. Do not disassemble the button and gasket from the top housing.
5. Remove the old batteries and dispose of properly. See Figure 8 for battery location.
6. Observing polarity, place the 3.0 V lithium batteries in the holders and press into place.
7. Re-insert the PCB into the bottom snap (serial number label near bottom snap) and using your fingers, gently pull back the top snap and press the PCB into place. Make sure the PCB is seated evenly between the PCB supports.
8. Snap the top housing back on to the base with LED toward the top. See Figure 5.

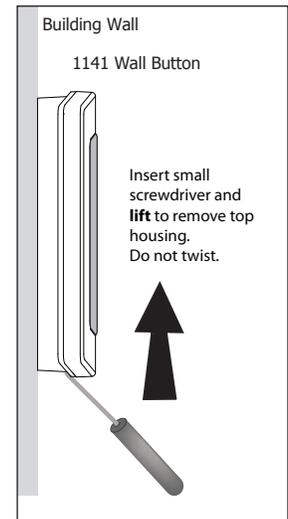


Figure 6: Removing the Top Housing

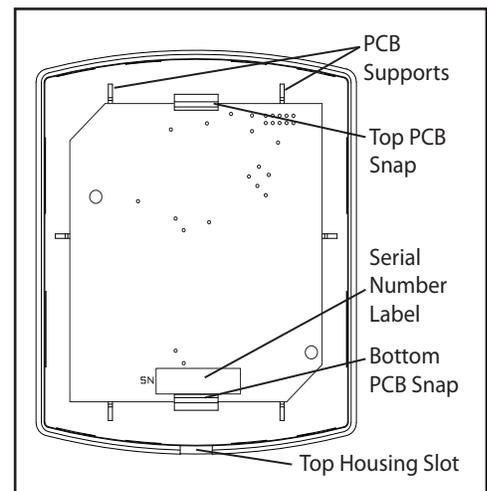


Figure 7: Top Housing PCB Snaps Location



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 1141 wireless transmitters is 4 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, 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.
- When installed in extreme hot or cold environments.

The following situation can extend battery life expectancy:

- Extend or remove transmitter supervision time in panel programming.

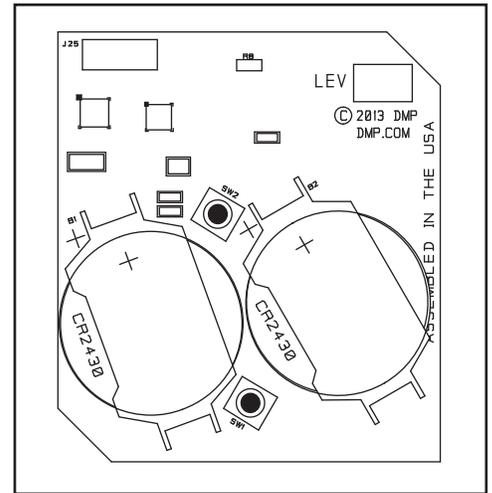


Figure 8: PCB Battery Location

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.

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 co-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:

- 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.

Industry Canada Information

This device complies with Industry Canada Licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Specifications

Battery	
Life Expectancy	4 years (normal operation)
Type	3 Vdc Lithium CR2430
	See Battery Life Expectancy for full details.
Frequency Range	903-927 MHz
Button Press	
Time to Activate	1/8 sec. (.125 sec.)
Dimensions	
Transmitter Case	3" H x 2-1/2" W x 1/2" D
Color	White
Housing Material	Flame retardant ABS

Patents

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

Certifications

FCC Part 15 Registration ID: CCKPC0155

Industry Canada: 5251A-PC0155



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