

1137 Emergency Light

Description

The 1137 Emergency Light is a battery powered, wireless LED light activated by a loss of AC power output from your panel and may be used as a stair or path light. The 1137 operates using the supplied 3.0 Vdc Lithium batteries.

Compatibility

All DMP 1100 Series Wireless Receivers and Panels

What is Included

The 1137 Emergency Light includes the following:

- One 1137 Emergency Light
- Two 3.0 Vdc Lithium batteries
- Serial number label

Emergency Light Serial Number

For your convenience, an additional pre-printed serial number label is included. Prior to installing the light, record the serial number or place the pre-printed serial number label on the 1137 base (see Figure 3). This number is required during programming. As needed, use the zone name and number label to identify a specific Emergency Light.

Programming the Emergency Light in the Panel

Refer to the panel programming guide as needed. Program the device as an AC Power Trouble Output 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.

LED Survey

The 1137 Emergency Light provides a survey capability to allow one person to confirm communication with the receiver. The 1137 Emergency Light 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 Emergency Light 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 light or receiver until the LED immediately turns off indicating the light and receiver are communicating properly. Proper communication between the light 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.

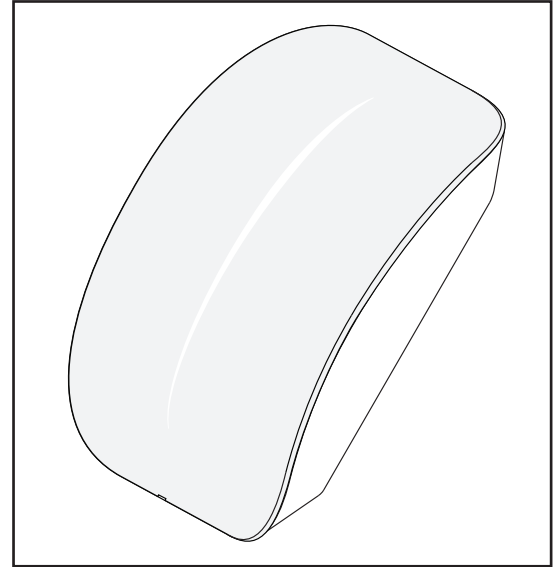


Figure 1: 1137 Emergency Light

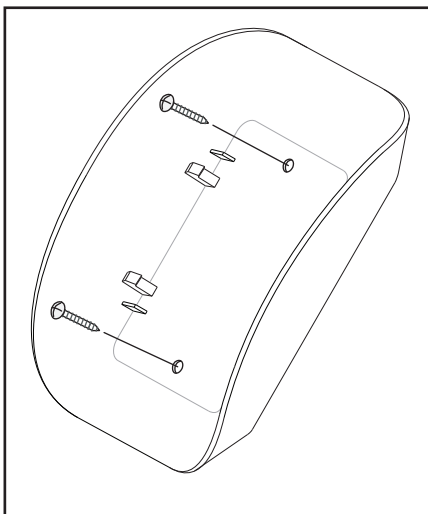


Figure 2: Screw Mount

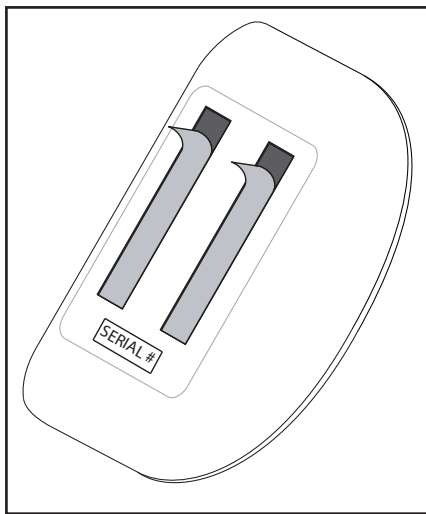


Figure 3: Double-Sided Tape Mount

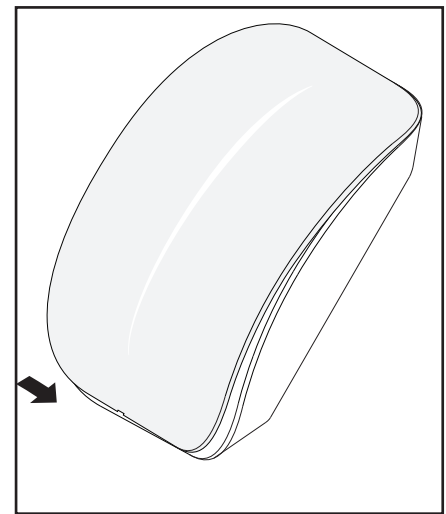


Figure 4: Installing the Top Housing

Mounting the Light

These instructions cover installing the 1137 on an interior wall. Figures 2 and 3 show the base housing inside and outside views.

Double-sided tape mounting

1. Install a 1/2" wide strip of double-sided tape (not included) in each of the indentations 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 cover slot toward the bottom. See Figure 4.

Screw mounting

1. Insert a flat screwdriver into the slot on the bottom of the 1137 cover housing and gently push down on the screwdriver handle while pulling the halves apart. See Figure 5.
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 2.
4. Align the top cover snap with the base and snap the bottom of the cover in place. See Figure 4.

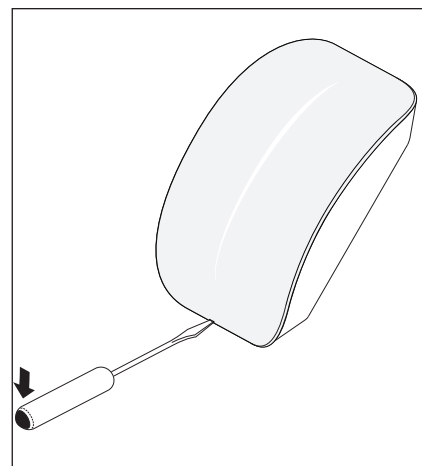



Figure 5: Removing the Cover

Installing or Replacing the Batteries

Observe polarity when installing batteries. Use only 3.0 Vdc Lithium batteries, DMP Model CR123A, 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 Emergency Lights.

1. Remove the top housing containing the PCB and lens 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 5.
2. Using your hands, gently separate the top housing from the base.
3. Turn the top housing over and remove the old batteries. Dispose of the used batteries properly. See Figure 6 for battery location.
4. Observing polarity, place the 3.0 Vdc lithium batteries in the holders and press into place.
5. Snap the top housing back on to the base with PCB notch toward the top. See Figure 6.

 **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 1137 Emergency Light 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, or not installed.
Note: Emergency Lights continue to send supervision messages until a receiver returns an acknowledgement. After an hour the Emergency Light 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 Emergency Light supervision time in panel programming.

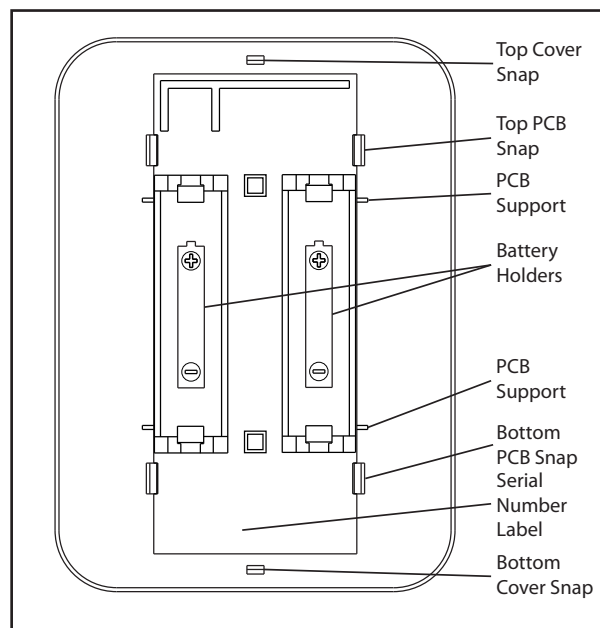


Figure 6: Top Housing PCB and Battery Location

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 CR123A
See Battery Life Expectancy for full details.
Frequency Range 903-927 MHz
Button Press
Time to Activate 1/8 sec. (.125 sec.)
Dimensions
Emergency Light Case 3" H x 2-1/2" W x 3/4" 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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