

1118 WIRELESS REMOTE INDICATOR LIGHT

Installation Guide

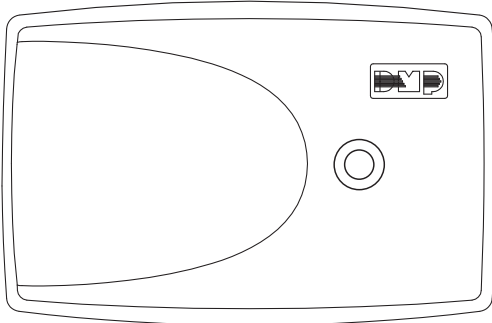


Figure 1: 1118 Housing

DESCRIPTION

The 1118 Wireless Remote Indicator Light provides one remote LED indicator that can be used to visually notify the user that a panic alarm has been activated. The 1118 is designed to operate on one CR123A battery or connect to an optional 12.0VDC power supply.

Compatibility

- DMP XR150/XR550 Series panels with Version 119 or higher.
- DMP 1100X Series wireless receivers with Version 104 or higher.

What is Included?

- 1118 Wireless Remote Indicator Light
- 3.0V lithium CR123A battery
- Hardware pack

Optional Items:

- Model 376L DC Power Supply
- Model 505-12 12VDC Power Supply



1 PROGRAM THE PANEL

The 1118 is programmed in the panel as a panic alarm output. Refer to the panel programming guide as needed.

Specific panel output numbers are available for wireless devices. XR150/XR550 numbers 450-474 indicate whether the LED responds within 15 seconds (slow response). Numbers 480-499 indicate whether the LED responds within 1 second (fast response).

1. In **OUTPUT INFO** enter the **OUTPUT** number.
2. Enter the **OUTPUT NAME**.
3. Enter the eight-digit **SERIAL#** and press **CMD**.
4. Enter the **SUPRVSN TIME** (Supervision Time) and press **CMD**.
5. Select **NO** when **TRIP WITH PANEL BELL** displays.
6. Press the back arrow when **OUTPUT SETUP** displays.
7. Press **CMD** until **STOP** displays and then press any top row select key or area to save and exit programming.



Note: For wireless output troubles to display at a keypad on an XR150/XR550 Series system, the keypad address must be specified at the **AUX 1 ZONES** (Auxiliary 1 Zones) option in the Status List programming menu.

2 SELECT A LOCATION

The 1118 provides a Survey LED Operation that allows one person to confirm communication with the wireless receiver or panel while the cover is removed. This allows you to easily determine the best location for the 1118. Be sure to choose a location away from large metal objects.

Check the Location Using a Survey LED

1. Hold the 1118 in the exact desired location.
2. Press the tamper switch to send data to the wireless receiver and determine if communication is confirmed or faulty. See Figure 2 for tamper switch and survey LED locations.

✓ **Confirmed:** If communication is confirmed, the survey LED blinks immediately on and immediately off for each press or release of the tamper switch.

✗ **Faulty:** If communication is faulty, the survey LED remains on for about eight seconds or flashes multiple times in quick succession. Relocate the device to a different outlet or relocate the wireless receiver until the survey LED confirms clear communication.

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MOUNT THE 1118

Mount the 1118 on a flat surface such as a wall or single-gang box. When using a plug-in power supply, mount the 1118 near a wall outlet. See Figure 2 for mounting hole locations.

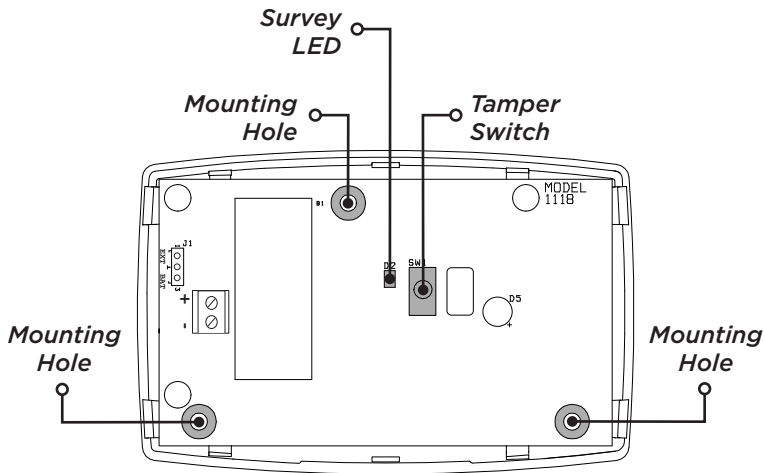


Figure 2: 1118 PCB Features and Mounting Hole Locations

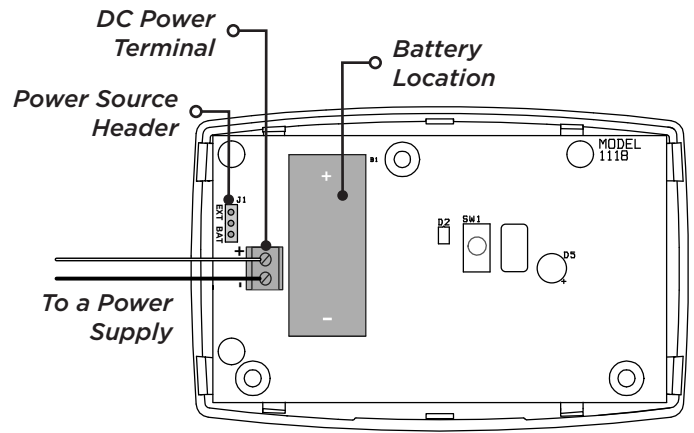


Figure 3: Connected to a Power Supply

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POWER THE 1118

You can power the 1118 by using a 3.0V lithium battery or a 12VDC external or plug-in power supply. Do not install a battery if the 1118 is being powered by a power supply. The power supply does not charge the battery.

CR123A 3.0V Lithium Battery

Observe polarity when installing the included CR123A battery.

1. Squeeze the left and right sides of the cover and lift it off the base.
2. Install the supplied jumper on the two pins next to **BAT** on the power source header.
3. Place the battery in the holder and press it into place. See Figure 3 for the battery location.
4. Snap the cover back into place.

12VDC Plug-In or External Power Supply

The 1118 can also be powered by a 12VDC plug-in power supply (e.g. DMP Model 376L) or a 12VDC external power supply (e.g. DMP Model 505-12). When using a plug-in power supply, mount the 1118 near a wall outlet.

1. Squeeze the left and right sides of the cover and lift it off the base.
2. Install the supplied jumper on the two pins next to **EXT** on the power source header.
3. Wire the power supply to the DC power terminals by following the power supply-specific instructions below.



Plug-In Power Supply

Connect the black wire with the white stripe to the positive (+) terminal and the solid black wire to the negative (-) terminal. See Figure 2. Plug the power supply into a 110VAC outlet.



External Power Supply

Using 22 AWG wire, connect the DC power terminal block on the 1118 to the DC power terminal on the 505-12 power supply PCB. Observe positive and negative polarity on all connections. See Figure 3.

4. Snap the cover back into place.

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TEST THE 1118

To test the 1118 from a keypad, access the User Menu and then select the **OUTPUTS ON/OFF?** option. Enter the 1118's assigned output number and select **ON**. The 1118 LED should light within 15 seconds. If it doesn't, verify that the 1118 is programmed correctly into the panel.

REPLACE THE BATTERY

Observe polarity when replacing the battery. Use only 3.0V Lithium batteries. For optimum battery life, DMP recommends using a DMP Model CR123 or the equivalent battery from Sony or Murata.

1. Squeeze the left and right sides of the cover and lift it off the base.
2. Remove the existing battery. See Figure 3 for the battery location.
3. Place the new 3.0V Lithium battery in the holder and press it into place.
4. Snap the cover back into place.

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.
3. The keypad displays **SENSORS OFF** followed by **SENSORS ON**.


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:

- 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.

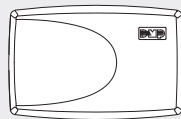
L'exploitation est autorisée aux deux conditions suivantes:

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.*

This system has been evaluated for RF Exposure per RSS-102 and is in compliance with the limits specified by Health Canada Safety Code 6. The system must be installed at a minimum separation distance from the antenna to a general bystander of 7.87 inches (20 cm) to maintain compliance with the General Population limits.

L'exposition aux radiofréquences de ce système a été évaluée selon la norme RSS-102 et est jugée conforme aux limites établies par le Code de sécurité 6 de Santé Canada. Le système doit être installé à une distance minimale de 7.87 pouces (20 cm) séparant l'antenne d'une personne présente en conformité avec les limites permises d'exposition du grand public.

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Specifications

Battery	
Life Expectancy	2 months (fast response) 5 years (slow response)
Type	3.0V lithium CR123A
Frequency Range	905-924 MHz
Dimensions	4.65"L x 3.1"W x 1.4"H
Color	White
Housing Material	Flame retardant ABS

Accessories

CR123	DMP 3.0V Lithium Battery
376L	DC Plug-In Power Supply
505-12	12VDC Power Supply

Patents

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

Certifications

FCC Part 15 Registration ID CCKPC0101
IC Registration ID 5251A-PC0101



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manufactured in Springfield, Missouri
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