1117 WIRELESS LED ANNUNCIATOR
Installation Guide
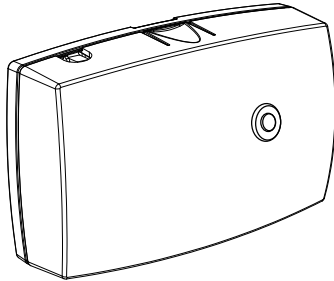

Figure 1: 1117 Wireless LED Annunciator

1 PROGRAM THE PANEL

Program the 1117 in Output Options as an Arm-Alarm Output. Refer to the panel programming guide as needed.

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** and press **CMD**.
5. Press the back arrow when **OUTPUT SETUP** displays.
6. Press **CMD** until **STOP** displays and then press any select area to save and exit programming.

Program Slow Response
Use the following output numbers to indicate whether the wireless device responds within 15 seconds to trip the output (slow response).

Panel	Output numbers
XTLplus (LT-1434)	51-54
XTLtouch (LT-1789)	51-54
XR150/XR550 (LT-1232)	450-474
XT30/XT50 (LT-0981)	31-34
XT75 (LT-2894)	450-474

Program Fast Response
Use the following output numbers to indicate whether the wireless device responds within 1 second to trip the output (fast response).

Panel	Output numbers
XTLplus (LT-1434)	61-64
XTLtouch (LT-1789)	61-64
XR150/XR550 (LT-1232)	480-499
XT30/XT50 (LT-0981)	41-44
XT75 (LT-2894)	480-499

Note: Supervision time is reset under the following circumstances:

- A receiver is installed, powered down, and powered up
- The panel is reset
- Programming is complete

Note: If the receiver has been powered down for more than one hour, the 1117 may take up to an additional hour to send a supervision message unless tripped, tampered, or powered up. This operation extends battery life. A missing message may display on the keypad until the supervision message is sent.

DMP

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POWER THE 1117

Power the 1117 with a 3 V lithium battery or a 12 VDC power supply. Do not install a battery if the 1117 is being powered by a power supply. The power supply does not charge the battery.

CR123A 3 V Lithium Battery

Observe polarity when installing the included CR123A battery.

1. Remove the housing cover.
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.
4. Snap the cover back into place.

12 VDC Plug-In or External Power Supply

The 1117 can also be powered by a 12 VDC plug-in power supply (e.g. DMP Model 372-1000-W) or a 12 VDC external power supply (e.g. DMP Model 505-12 or PS12-5). When using a plug-in power supply, mount the 1117 near a wall outlet.

1. Remove the housing cover.
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

1. Using 22 AWG wire, connect the DC terminal (+) to the positive terminal on the power supply.
2. Connect the DC terminal (-) to the negative terminal on the power supply. See Figure 2.
3. Plug the power supply into a 120 VAC, 60 Hz dedicated outlet not controlled by a switch.

External Power Supply

1. Using 22 AWG wire, connect the DC power terminal block on the device to the DC power terminal on the PS12-5 or the 505-12 power supply PCB.
2. Observe positive and negative polarity on all connections. See Figure 3.
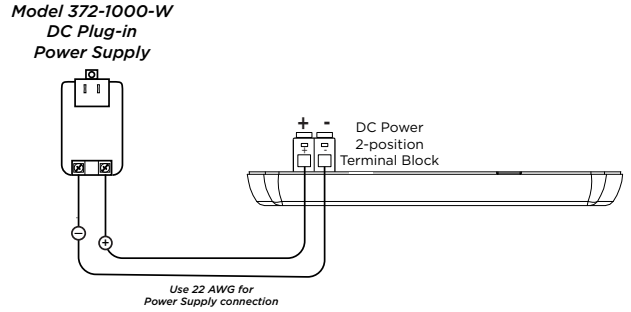3. Snap the cover back into place when you are finished.

Model 372-1000-W DC Plug-in Power Supply

Use 22 AWG for Power Supply connection

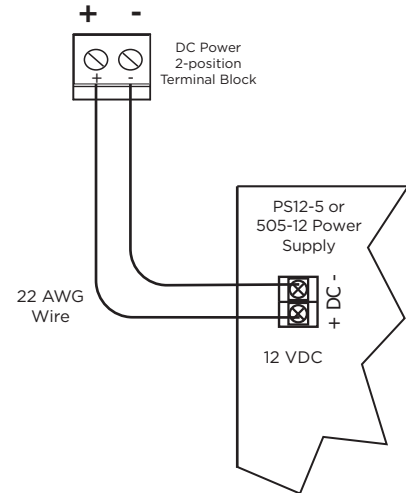**Figure 2: 1117 Wireless Expander Side View**

Figure 3: Power Supply Connection

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SELECT A LOCATION

The 1117 provides a Survey LED capability to allow one person to confirm communication with the wireless receiver or panel while the cover is removed.

1. With the cover removed, hold the 1117 in the exact desired location.
2. Press the tamper switch to send data to the panel and determine if communication is confirmed or faulty.

   Confirmed: If communication is confirmed, for each press or release of the tamper switch, 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.

   Faulty: If communication is faulty, the LED remains on for about 8 seconds or flashes multiple times in quick succession. Relocate the device or receiver until the LED confirms clear communication.

4 MOUNT THE 1117

Mount the 1117 on a flat surface such as a wall or single-gang box. When using the optional Model 376L plug-in power supply, mount the 1117 near a wall outlet. See Figure 4 for mounting hole locations on the housing base. You will need to remove the 1117 PCB from the housing base to reach some of the mounting hole locations.
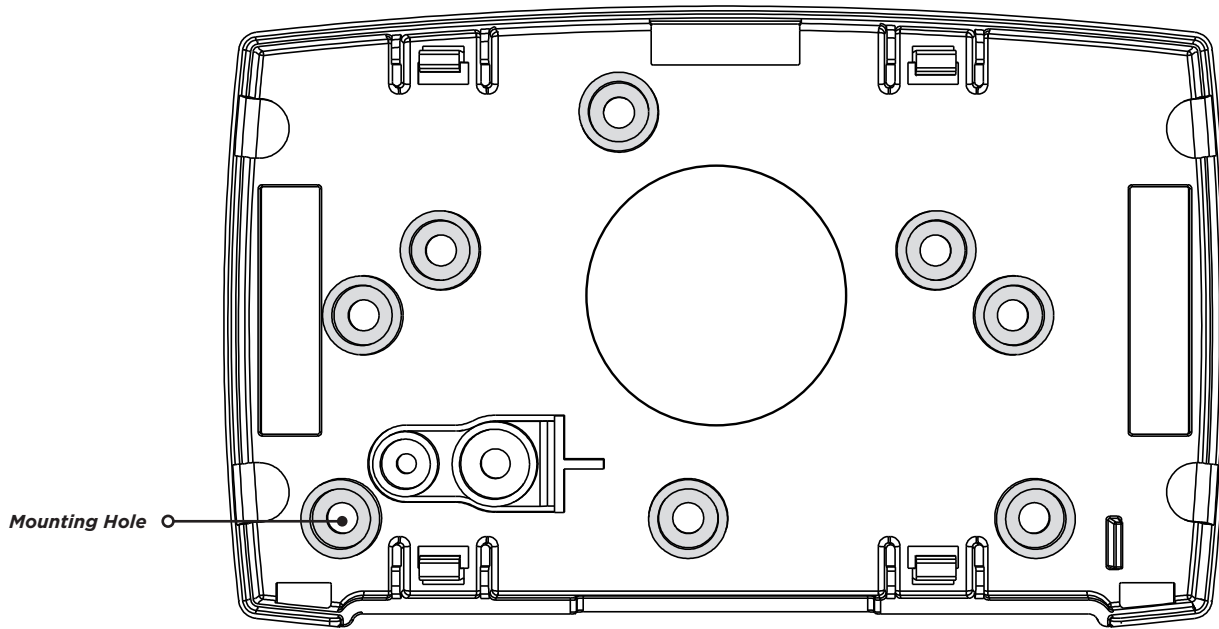
Mounting Hole

Figure 4: Mounting Hole Locations

5 TEST THE 1117

To test the 1117 from a keypad, access the User Menu Outputs On/Off option if the device is powered by a power supply. The device LED should light within 15 seconds of entering the assigned output number and selecting on. Refer to the User Guide as needed.

1117 LED Annunciation Operation

The 1117 LED annunciation differs based on whether it is powered by a battery or an optional power supply. When an optional power supply is connected, additional annunciations are available.

The follow table shows the 1117 LED annunciation operation options.

Panel Programmed Action	Power Supply Annunciation	Battery Power Annunciation
STEADY	LED turns on and remains on	None
PULSE	LED alternates one second on, one second off	Flashes Quickly
MOMENTARY	LED turns on once for one second	
TEMPORAL (XR SERIES and XT75 ONLY)	LED repeats the following sequence: • On 1/2 second, off 1/2 second, • On 1/2 second, off 1/2 second, • On 1/2 second, off 1-1/2 second	

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 20cm (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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. 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.

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.

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:

l'appareil ne doit pas produire de brouillage, et
l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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.

1117 WIRELESS LED ANNUNCIATOR

Specifications

Battery	
Life Expectancy	2 months (fast response)
	5 years (slow response)
Type	3 V 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 V Lithium Battery
372-1000-W	DC Plug-in Power Supply
505-12	12 VDC Power Supply
PS12-5	12 VDC Power Supply
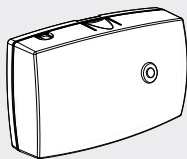
Compatibility

XTL Series Control Panels

XT Series Control Panels

XR Series Control Panels

1100 Wireless Receivers
Version 104 and higher

Patents

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

Certifications

FCC Part 15 Registration ID CCKPC0101

IC Registration ID 5251A-PC0101