

1119 Wireless Door Sounder

Description

The Model 1119 Wireless Door Sounder is a single-zone transmitter equipped with a battery powered sounder. The 1119 provides a cover tamper, a sounder cutoff selection of one second or five minutes, survey LED, and two batteries. The 1119 zone input can be connected to a standard door contact, typically attached to an emergency exit door for local annunciation during the day and burglary alarm annunciation at night. The sounder always automatically turns on when the door opens. The 1119 sounder is silenced after one second or five minutes or can be silenced remotely from the panel at disarm or from the user menu.

Compatibility

- All DMP 1100 Series Wireless Receivers and Burglary Panels

What is included

The 1119 includes the following:

- One 1119 with zone input and wireless sounder
- Two 3.0V Lithium CR123A batteries
- Hardware pack with 470k EOL Resistor
- Serial number labels

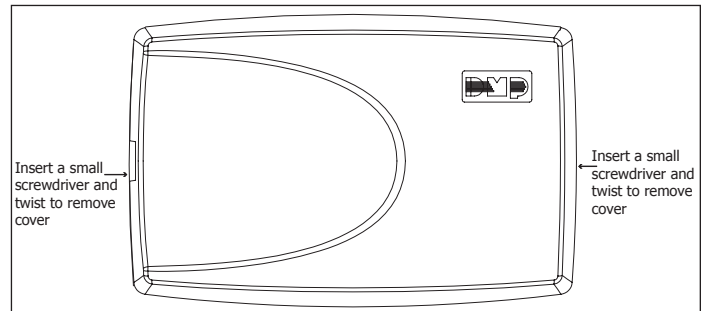


Figure 1: 1119 Wireless Sounder

Serial Number

For your convenience, two additional pre-printed serial number labels are included for the zone and sounder output. Prior to installing the wireless sounder, record the serial numbers or place the pre-printed serial number labels on the panel programming sheet. One serial number is for the input zone and the other is for the output. These numbers are required during programming.

Programming the 1119 Zone in the Panel

Program the 1119 in Zone Information as a Day type zone when local annunciation at a keypad is required during the day, or a Night type zone if only the 1119 sounder annunciation is required during the day. At the Serial Number: prompt, enter the eight-digit **ZONE** serial number. Continue to program the zone as directed in the panel programming guide.

Programming the 1119 Sounder Output in the Panel

When the 1119 Sounder needs to be manually turned off before the automatic five minute cutoff occurs, program the wireless output in Output Information. Enter an output number, output name, and the eight-digit **OUTPUT** serial number. For extended battery life, a slow response output is recommended. Use the following output numbers for slow response outputs that respond within 15 seconds to turn on or off the output from the panel. The typical battery life is 2 1/2 years.

- XR100 and XR500 Series panel output numbers 450-474
- XT30/XT50 panel output numbers 31-34

Use the following output numbers for fast response outputs that respond within 1 second. The typical battery life is 3 months.

- XR100 and XR500 Series panel output numbers 480-499
- XT30/XT50 Series panel output numbers 41-44

Refer to the XR500 Series Programming Guide (LT-0679), the XR100 Series Programming Guide (LT-0896), or the XT30/XT50 Programming Guide (LT-0981) as needed.

Supervision Time

When programming the 1119 in both Zone Information and Output Information, the supervision time should be the same, typically 240 minutes for burglary applications.

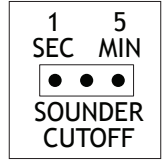
Note: When a receiver is installed, powered down and powered up, the panel is reset, or programming is complete, the supervision time is reset. If the receiver has been powered down for more than one hour, the 1119 may take up to an additional hour to send a supervision message unless tripped, tampered, or powered up. This operation extends battery life. A missing message may display on the keypad until the supervision message is sent.

Sounder Cutoff Jumper

The 1119 provides a sounder cutoff jumper (J5) that causes the 1119 to automatically turn off the sounder after one second or five minutes depending on the jumper position.

When the 1119 zone is tripped, the 1119 turns on the sounder output for one second if the jumper is placed on the two left pins or for five minutes if the jumper is placed on the two right pins.

When the sounder is turned on by an output command from the panel such as a different zone trip, group output, or manually from a keypad, the 1119 always turns the sounder output off automatically after five minutes regardless of the position of the jumper (J5).



In addition, when the sounder output was turned on by a panel output command and then automatically turned off by the 1119 after five minutes, the sounder output cannot be turned back on by the panel until the 1119 receives a panel output off command as described below.

The following panel operations can silence (turn off) the sounder:

- Bell Output (XR100/XR500)
Program the output in Bell Output and the output turns off at the Bell Cutoff time assuming it is set for less than five minutes.
- Disarming (All panels)
Program the output in Alarm Action of the zone being disarmed and set to Steady
- Outputs On/Off (All panels)
From the User Menu, choose Outputs On/Off, enter the output number to turn off
- Output follows zone condition (All panels)
Program the output in Alarm Action of the zone and set to Follow. When the zone restores, the output is turned off

Zone Bypassed

When the 1119 sounder output is programmed in Alarm Action of Zone Information (enabling the output to be turned off before the five minute cutoff) and the zone becomes bypassed in the panel, subsequent tripping of the 1119 zone turns on the sounder but because the panel zone is bypassed the panel turns off the sounder output within a few seconds.

Selecting the Proper Location (LED Survey Operation)

The 1119 provides a survey capability to allow one person to confirm communication with the receiver while the cover is removed. The 1119 PCB Red Survey LED (See Figure 2) turns on whenever data is sent to the receiver then immediately turns off when the receiver acknowledgement is received. Pressing the tamper switch is a convenient way to send data to the receiver to confirm operation. When the 1119 does not receive an acknowledgement from the receiver the survey LED remains on for about 8 seconds to let you know communication is not established. Communication is also faulty when the LED flashes multiple times in quick succession. Relocate the 1119 or receiver until the LED immediately turns off indicating the 1119 and receiver are communicating properly. Proper communication between the 1119 and receiver is verified when for each press or release of the tamper switch, the LED blinks immediately on and immediately off.

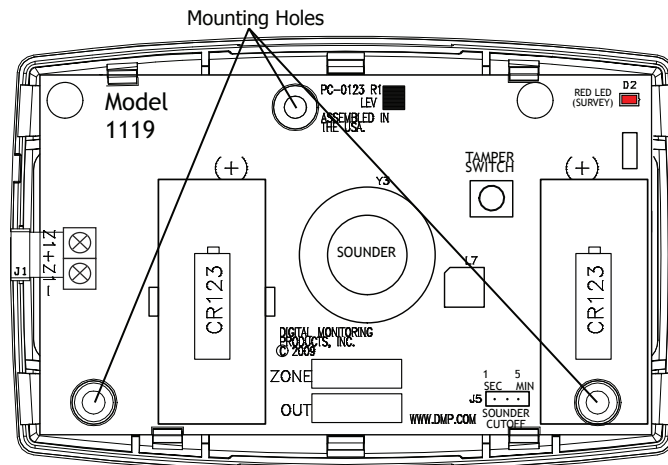


Figure 2: 1119 Wireless Sounder PCB

Installing the 1119

Mount the 1119 on a flat wall or single-gang box away from large metal objects. See Figure 2 for mounting hole locations.

1119 Zone Wiring

It is recommended to locate zone devices such as a door contact within 100 feet of the 1119 sounder. Use 22 or 18 AWG wire to complete the connections between the 1119 zone and the zone device. The zone terminates with the included 470k EOL resistor as shown.

The 1119 has been designed primarily for use with the XR100 and XR500 Series control panels and is capable of sending to the wireless receiver the open, normal, or short condition of the zone. In addition, a separate tamper signal is sent. However, when used with the XT30/XT50 Series panels, the tamper indication is sent to the panel as an open condition of the zone. When programmed as a Day type zone, an 1119 tamper during the day is annunciated at the keypad as an Alert. When programmed as a Night type zone, a tamper during the day is annunciated as a Tamper at the keypad.

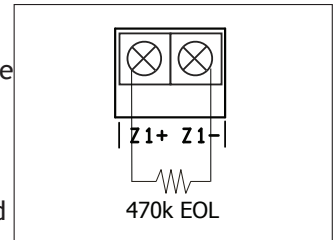


Figure 3: Zone Terminal

Powering the 1119

Note: When setting up a wireless system, it is recommended to program the zone and sounder output, and connect the receiver before installing batteries in the 1119.

Battery Power

Observe polarity when installing the battery. Use only 3.0V Lithium batteries, DMP Model CR123, or the equivalent battery from a local retail outlet.

1. Insert a small screwdriver into the slots on each side of the housing and twist to remove the cover. See Figure 1.
2. If replacing the batteries, remove the old batteries and dispose of properly.



Caution: Properly dispose of unused batteries. Do not recharge, disassemble, heat above 212°F (100°C), or incinerate. There is a risk of fire, explosion, and burns with improper disposal.

3. Place the 3.0V Lithium batteries in the holders and press into place. See Figure 2 for battery location.
4. Snap the cover back into place.

Battery Life Expectancy

Typical battery life expectancy for the 1119 is 2 1/2 years when programmed as a slow response output where the sounder is operated for five minutes once a month and 3 months when programmed as fast response output. Refer to the XR500 Series Programming Guide (LT-0679), the XR100 Series Programming Guide (LT-0896), or the XT Series Programming Guide (LT-0981) as needed. DMP wireless equipment uses two-way communication to extend battery life.

The following situation can extend battery life expectancy:

- Using a slow response output
- Infrequent transmission trips, such as a door that is rarely used
- Extend transmitter supervision time in panel programming

The following situations can reduce battery life expectancy:

- Multiple sounder on/off operations
- 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.

- Using a fast response output
- When installed in extreme hot or cold environments

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.

Specifications Battery Life Expectancy 2 ½ Years (Slow Response) 3 Months (Fast Response) Type 3.0V Lithium CR123A See Battery Life Expectancy for full details. Frequency Range 903-927 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	Compatibility The 1119 Wireless Door Sounder is compatible with: <ul style="list-style-type: none">• 1100X Wireless Receiver Version 104 or higher• 1100XI/1100XH Wireless Receivers Versions 105 or higher• 1100D Wireless Receiver Version 104 or higher• 1100DI/1100DH Wireless Receivers Version 105 or higher• XT50 Series panels Version 101 or higher Patents U. S. Patent No. 7,239,236 Listings and Approvals FCC Part 15 Registration ID CCKPC0123 IC Registration ID 5251A-PC0123	
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