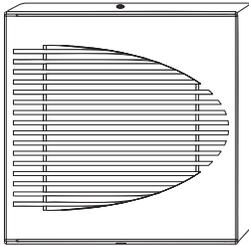


# 1119 WIRELESS DOOR SOUNDER

## Installation Guide



### DESCRIPTION

The Model 1119 Wireless Door Sounder is a single-zone transmitter equipped with a battery-powered sounder that provides 100-110 decibels of annunciation.

The 1119 provides a cover tamper, sounder cutoff, survey LED, and two batteries. The transmitter's 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 and can be silenced depending on system configuration.

### Compatibility

- All DMP 1100 Series Wireless Receivers
- All DMP Burglary Panels

### What is Included?

- One 1119 Wireless Door Sounder
- Two 3.0 V Lithium CR123A batteries
- Hardware pack with a 470k EOL resistor and serial number labels



### Sounder Functionality

To allow the 1119 sounder to be turned on or silenced by the panel, the output serial number must be programmed as an output in **OUTPUT INFORMATION** and assigned to **ALARM ACTION** in **ZONE INFORMATION**.

If the 1119 is programmed as a zone, but the output is not programmed into the panel at **OUTPUT INFORMATION**, the 1119 annunciates up to five minutes depending on the sounder cutoff jumper setting and cannot be silenced from the panel.

If the 1119 is programmed in **OUTPUT INFORMATION** but not assigned to **ALARM ACTION**, the sounder only operates for a few seconds when the 1119 zone is tripped, even if the sounder cutoff jumper is set to five.

## 1 PROGRAM THE PANEL

To enter panel programming, reset the panel and enter **6653** (PROG) at a keypad. After completing each of the following steps, press **CMD** to advance to the next prompt. After you finish programming, go to **STOP** and press **CMD** to save and exit the Programmer menu. For more information, refer to the appropriate [panel programming guide](#).

PANEL MODEL	SLOW RESPONSE	FAST RESPONSE
XR Series	450-474	480-499
XT Series	31-34	41-44
XTL Series	51-54	61-64

Table 1: Valid Output Numbers by Panel Model

### Program the Output

1. Go to **OUTPUT INFO** (XR Series) or **OUTPUT SETUP** (XT and XTL Series).
2. At **OUTPUT NO**, enter the output number. Refer to [Table 1](#).
3. At **OUTPUT NAME**, enter a descriptive name for the output.
4. At **SERIAL#**, enter the 8-digit device serial number that starts with **15**. Refer to [Figure 1](#).
5. At **SUPRVSN TIME**, enter the supervision time in minutes.

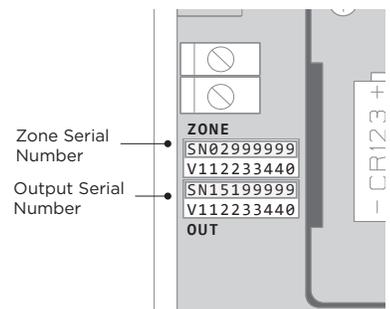


Figure 1: Zone and Output Serial Number Location

### Program the Zone

1. In **ZONE INFORMATION**, enter the wireless zone number.
2. At **\*UNUSED\***, enter the zone name.
3. At **ZONE TYPE**, press any select key or area and select the zone type.
  - a. If the sounder should be the only source of annunciation during a disarmed state, select **NT** (Night).
  - b. If the system requires local annunciation at the keypad when the panel is disarmed, select **DY** (Day).

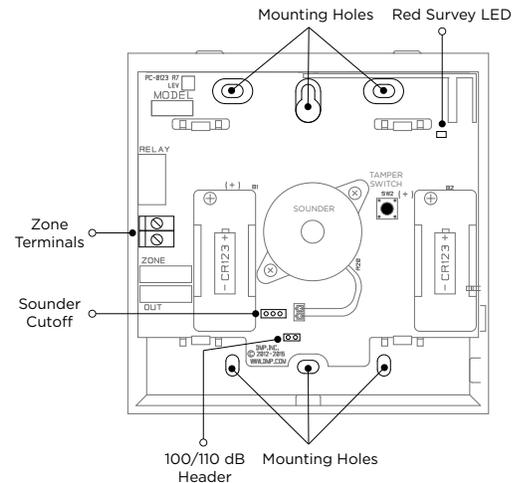
4. At **AREA NO**, select the area where you want the zone assigned.
5. At the **NEXT ZONE** prompt, select **NO**.
6. At **WIRELESS?**, select **YES**.
7. Enter the eight-digit **SERIAL#** that starts with **02**. Refer to [Figure 1](#).
8. At **SUPRVSN TIME**, enter a supervision time. Default is **240**.
9. To allow the panel to control the sounder, select **NO** at the **NEXT ZONE** prompt. The menu advances to **ALARM ACTION**.
10. At **OUTPUT NO**, enter the output number that you assigned to the sounder in the previous section.

## 2 INSTALL THE BATTERY

Observe polarity when installing the batteries. Use only 3.0 V lithium batteries, such as DMP Model CR123.

**Caution:** To avoid risk of fire or injury, properly dispose of used batteries. Do not recharge, disassemble, incinerate, or heat batteries above 212°F (100°C).

1. Remove the locking screw from the sounder housing.
2. Lift the cover from the bottom to remove.
3. If replacing the batteries, remove the used batteries and dispose of them properly. Always replace both batteries at the same time.
4. Place the two 3.0 V lithium batteries in the holders and press into place. See [Figure 2](#) for battery location.
5. Set the cover back in place and replace the locking screw.



**Figure 2: 1119 PCB**

## 3 SELECT A LOCATION

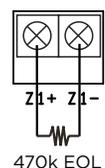
The 1119 Wireless Door Sounder provides a Survey LED capability to allow one person to confirm communication with the wireless receiver or panel while the cover is removed.

1. With the cover removed, hold the device in the 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 AND WIRE THE SOUNDER

Mount the sounder on a flat surface or single-gang switch box away from large metal objects. See [Figure 2](#) for mounting hole locations.

DMP recommends installing zone devices, such as door contacts, within 100 feet of the sounder. Use 18 or 22 AWG wire to complete the connections between the 1119 zone and the zone device. Terminate the zone with the included 470k EOL resistor as shown in [Figure 3](#).



**Figure 3: 470k EOL Resistor**

## 5 TEST THE SOUNDER

After the device has been installed, test to confirm that it is communicating reliably with the panel. Use the Tech APP™ or Dealer Admin™ to perform a Wireless Check-in Test on the system. To perform a Wireless Check-in Test from a keypad that is connected to the panel, complete the following steps:

At the keypad, enter **8144** (WALK) and select **WLS**. If the transmitter fails to check in at the keypad, ensure that it is wired properly and check for sources of interference such as metal objects and electronic equipment.

When this test is initiated, the panel automatically tests the communication between itself and each wireless zone. Wireless zones should not be manually tripped during this test. Manually tripping zones during this test could lead to a false failure.

## ADDITIONAL INFORMATION

### 100/110 Decibel Jumper

The sounder is equipped with a 100/110 dB header that changes the decibel output. The default output is 110 dB. If necessary, place the jumper over both header pins to enable 100 dB output. For header locations, refer to [Figure 2](#).

### Sounder Cutoff Jumper

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

When the onboard zone is tripped, the transmitter 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. Refer to [Figure 4](#). When the sounder output is programmed in **OUTPUT INFORMATION** and is turned on by an output command from the panel, the transmitter always turns the sounder output off automatically after five minutes regardless of the position of the jumper.



**Figure 4: Sounder Cutoff Jumper**

In addition, when the sounder output was turned on by a panel output command and then automatically turned off by the transmitter after five minutes, the sounder output cannot be turned back on by the panel until the transmitter receives a panel output **OFF** command.

### Silence the Sounder

The following panel operations can silence the sounder:

- **BELL OUTPUT (XR150/XR550 only)**—Program the output in **BELL OUTPUT** so the sounder turns off at the **BELL CUTOFF** time if less than five minutes
- **Disarming**—Program the output in **ALARM ACTION** for the zone that will be disarmed, then set the action to **STEADY**
- **OUTPUTS ON/OFF**—From the User Menu, select **OUTPUTS ON/OFF**. Enter the output number and choose **OFF**
- **Output follows zone condition**—Program the output in **ALARM ACTION** and set the action to **FOLLOW**. When the transmitter zone restores, the output is turned off

When the sounder output and the **ALARM ACTION** output become bypassed in the panel, subsequent tripping of the transmitter turns on the sounder. However, because the 1119 panel zone is bypassed, the panel turns the sounder output off within a few seconds.

### Zone Conditions

The 1119 has been designed primarily for use with the XR150/XR550 Series control panels and is capable of sending the open, normal, or short condition of the zone. In addition, the transmitter sends a tamper signal separately. When used with XT30/XT50, XTLplus, or XTLtouch Series panels the tamper indication is sent to the panel as an open zone. When programmed as a Day type zone, a tamper during the day is annunciated at the keypad as an **ALERT**. When programmed as a Night zone type, a tamper during the day is annunciated as a Tamper at the keypad.

### Battery Life

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. Battery life is 3 months when programmed as fast response output. DMP wireless equipment uses two-way communication to extend battery life.

The following conditions also contribute to longer battery life:

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

The following conditions contribute to reduced battery life:

- Using a fast response output
- Multiple sounder on/off operations
- When installed in extreme hot or cold environments
- If a receiver is unplugged or not installed



**Note:** Transmitters continue to send supervision messages until a receiver returns an acknowledgment. After an hour the transmitter only attempts a supervision message every 60 minutes.

## 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:

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 standards. 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.

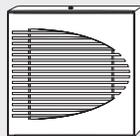
This system has been evaluated for RF Exposure per RSS-102 and is in compliance with the limits specified by Health Canada Safety Code 6. The system must be installed at a minimum separation distance from the antenna to a general bystander of 7.87 inches (20 cm) to maintain compliance with the General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

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.*

*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.*

## 1119 WIRELESS DOOR SOUNDER



### Specifications

Battery	
Life Expectancy	2.5 years (slow response) 3 months (fast response)
Type	3.0 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

### Compatibility

#### XR150/XR550

- 1100X Wireless Receiver Version 104 or higher
- 1100XH Wireless Receiver Version 105 or higher

#### XT30/XT50

- 1100D Wireless Receiver Version 104 or higher
- 1100DH Wireless Receivers Version 105 or higher
- 1100DI Wireless Receivers Version 105 or higher

#### Built-In 1100 Series Receiver

- XT50 Series Panels Version 101 or higher
- XTLplus Series Panels
- XTLtouch Series Panels

#### Patents

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

#### Certifications

- FCC Part 15 Registration ID CCKPC0123R8
- IC Registration ID 5251A-PC0123R8



Designed, engineered, and  
manufactured in Springfield, MO  
using U.S. and global components.

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