

1119 WIRELESS DOOR SOUNDER

Installation Guide

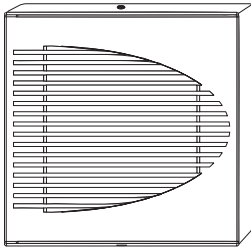


Figure 1: 1119 Wireless Sounder

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



1 PROGRAM THE PANEL

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

Note: When programming both the output and zone, ensure the Supervision Time is set to the same value.

Program the Output

1. In **OUTPUT INFO** (XR150/XR550) or **OUTPUT SETUP** (XT30/XT50, XTLplus, and XTLtouch), enter the output number. Refer to Table 1 for slow and fast response outputs. To extend battery life, DMP recommends programming the transmitter as a slow response output.
2. Enter the **OUTPUT NAME**.
3. Enter the eight-digit **SERIAL#** and press **CMD**.
4. Enter the **SUPRVSN TIME** (Supervision Time) and press **CMD**.

PANEL	SLOW RESPONSE OUTPUTS (15 SEC)	FAST RESPONSE OUTPUTS (1 SEC)
XT30/XT50	31-34	41-44
XTLplus/XTLtouch	51-54	61-64
XR150/XR550	450-474	480-499

Table 1: Wireless Output Numbers

Program the Zone

1. In **ZONE INFORMATION**, enter the wireless zone number.
2. At ***UNUSED***, enter the zone name.
3. If the sounder should be the only source of annunciation during a disarmed state, select **NT** (Night) as the **ZONE TYPE**. If the system requires local annunciation at the keypad when the panel is disarmed, select **DY** (Day) as the **ZONE TYPE**.
4. Select the **AREA**.
5. At the **NEXT ZONE** prompt, select **NO**.
6. Select **YES** when **WIRELESS?** displays.
7. Enter the eight-digit **SERIAL#** and press **CMD**.
8. Enter the **SUPRVSN TIME** and press **CMD**.
9. To allow the panel to control the sounder, select **NO** at the **NEXT ZONE** prompt to access **ALARM ACTION**.
10. In **OUTPUT NO**, enter the sounder output number.
11. Press the back arrow. Press **CMD** until **STOP** displays, then press any top row select key or area to save and exit programming.

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.

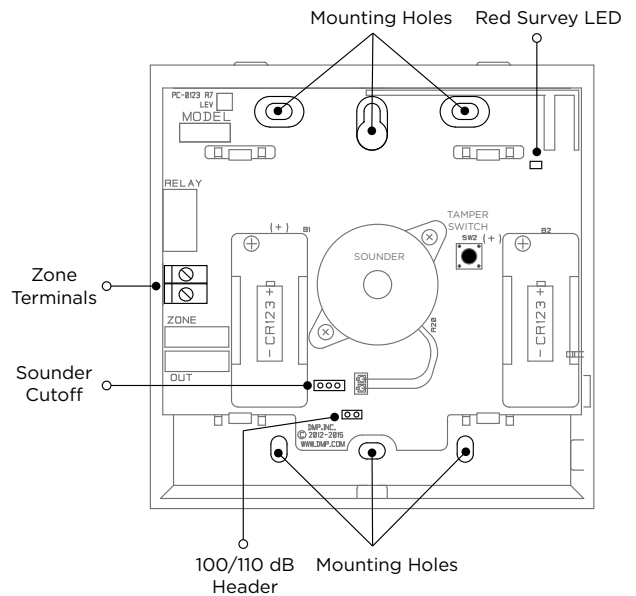


Figure 2: 1119 PCB

3 SELECT A LOCATION

The 1119 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 exact desired location.
2. Press the tamper switch to send data to the panel and determine if communication is confirmed or faulty.

✓ **Confirmed:** For each press or release of the tamper button, the device 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.

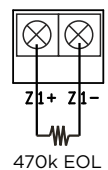


Figure 3: 470k EOL Resistor

5 TEST THE SOUNDER

After the sounder has been installed, test to confirm that it is communicating reliably with the panel. Use the Tech APP™ to perform a Wireless Walk Test on the system or complete the following steps to perform a Walk Test from a keypad that is connected to the panel:

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.

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.

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.

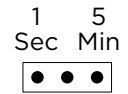


Figure 4: Sounder Cutoff Jumper

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.

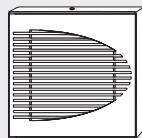
This system has been evaluated for RF Exposure per RSS-102 and is in compliance with the limits specified by Health Canada Safety Code 6. The system must be installed at a minimum separation distance from the antenna to a general bystander of 7.87 inches (20 cm) to maintain compliance with the General 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 ½ 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

Ordering Information

1119-W	Wireless Door Sounder, white
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Accessories

CR123	DMP 3.0 V lithium battery
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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
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