INSTALLATION AND PROGRAMMING GUIDE

DMP

1135 Series
Wireless Siren

GET STARTED

The 1135 Series Wireless Siren provides up to 110 decibels of annunciation. It includes a wall tamper, a cover tamper, and a Survey LED.

Multiple sirens can be activated simultaneously by the panel using the Trip with Panel Bell option. This option allows the siren to follow the panel bell output including the bell cutoff time.

In addition to these features, the 1135E Wireless Siren communicates with the panel using 128-bit AES encryption.

What's Included

- ► One 1135 Series Wireless Siren
- ► Two 3.0 V Lithium CR123 Batteries
- ► Hardware Pack

What You'll Need

- ► 5/64" (2.0mm) drill bit
- ► #2 Phillips screwdriver

Procedure

To install an 1135 Series Siren, this guide walks you through these required steps:

1. Program the panel.
2. Install the batteries.
3. Select a location.
4. Mount the siren.
5. Test the siren.

1 Program the Panel

To program the 1135 Series into the panel, select one of the following methods: Choose Method 1 to make the siren a non-standard output that follows the panel bell or Method 2 to make the siren a standard output.

A house code must be programmed in the panel's **SYSTEM OPTIONS** before programming wireless devices. Range is 1 - 50.

For 1135E encrypted sirens to communicate with the panel, **1100 ENCRYPTION** must be enabled and a passphrase must be set in **SYSTEM OPTIONS** programming. An 1135E will operate as a standard 1135 wireless siren if encryption is not enabled.

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	VALID OUTPUT NUMBERS
XR Series	450-474 (slow) or 480-499 (fast)
XT75	450-474 (slow) or 480-499 (fast)
XT30/XT50	31-34 (slow) or 41-44 (fast)
XTL Series	51-54 (slow) or 61-64 (fast)

Table 1: Valid Output Numbers by Panel Model

Method 1: Non-Standard Output (Follow Panel Bell Output)

1. Go to **OUTPUT INFO** (XR Series and XT75 Control Panels) or **OUTPUT SETUP** (XTL Series and XT30/XT50 Control Panels).
2. At **OUTPUT NO**, enter the output number. Refer to Table 1.
3. At **OUTPUT NAME**, enter a descriptive name for the siren.
4. At **SERIAL#**, enter the 8-digit device serial number.
5. At **SUPRVSN TIME**, enter the supervision time in minutes.
6. Ensure **TRIP WITH PANEL BELL** is set to **YES** (default).
7. Go to **BELL OPTIONS** and set the **BELL CUTOFF**. Range is 1 - 15 minutes.

Enable Temporal 4 for CO Alarms (1135 Only)
Requires panel firmware Version 183 or higher with minimum device firmware Version 107 and Level 103 hardware. In **BELL OPTIONS**, ensure **CO TYPE** is set to the default value **4** (Temporal 4).

Method 2: Standard Output (Standalone)

1. Go to **OUTPUT INFO** (XR Series and XT75 Control Panels) or **OUTPUT SETUP** (XTL Series and XT30/XT50 Control Panels).
2. At **OUTPUT NO**, enter the output number. Refer to Table 1.
3. At **OUTPUT NAME**, enter a descriptive name for the siren.
4. At **SERIAL#**, enter the 8-digit device serial number.
5. At **SUPRVSN TIME**, enter the supervision time in minutes.
6. At **TRIP WITH PANEL BELL**, select **NO**.

2 Install the Batteries

Observe polarity and install both CR123 batteries. For the battery holder location, refer to Figure 1.

3 Select a Location

The 1135 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 siren 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 siren or receiver until the LED confirms clear communication.

📋 **Note:** Operating the siren in extreme hot or cold environments reduces battery life.

A Mounting Holes
B PCB Snaps
C Batteries
D Sound Level
E Wall Tamper
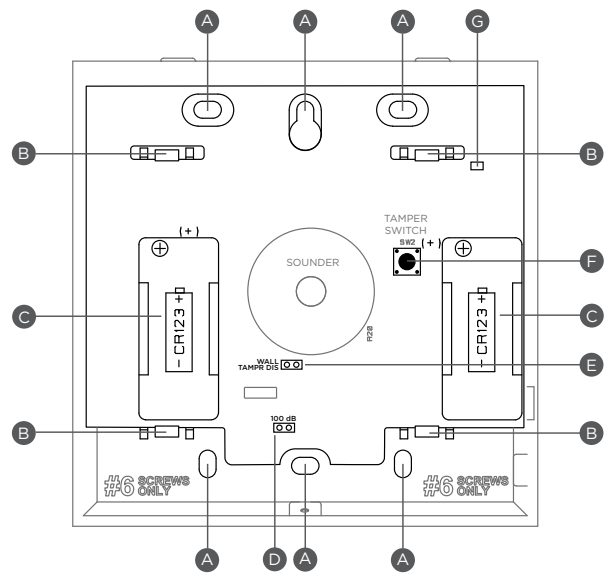F Case Tamper Switch
G Survey LED

Figure 1: 1135 Details

4 Mount the Siren

Mount the siren in a secure location where it is protected from the environment.

The 1135 siren is equipped with a case and wall tamper. When the housing cover is removed, the case tamper activates and the 1135 sends a tamper trouble to the panel.

A two-position header is provided to disable the wall tamper. Refer to Figure 1. To disable the wall tamper, place the jumper over both header pins.

Without Wall Tamper

1. Remove the two locking screws from the housing, then lift off the cover.

2. Affix the siren to the mounting surface:

   a. If using screws, thread the supplied #6 screws through the mounting holes and secure the siren to the surface.

   b. If using double-sided tape, place the tape on the housing base (the side with mounting holes). Remove the backing from the tape. Holding the sides of the housing, press the siren onto the mounting surface.

3. Place the jumper over both header pins to disable the wall tamper.

4. Place the cover back onto the base, then reinsert and secure the two locking screws.

With Wall Tamper

When installing the siren with the wall tamper, refer to Figure 2.

1. Remove the two locking screws from the housing, then lift off the cover.

2. Press the top PCB snaps upward to release the PCB, slide it out of the bottom snaps, then remove it from the housing.

3. Thread one of the supplied #6 screws through the top tamper hole and the other through the top mounting hole, then secure the siren to the surface.

4. Snap the PCB back into the housing attached to the wall. Place the cover back onto the base, then reinsert and secure the two locking screws.
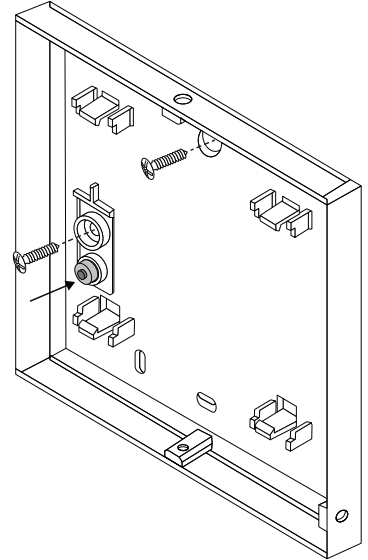

Figure 2: Wall Tamper Installation

5 Test the Siren

After the siren has been installed, test to confirm that it is communicating reliably with the panel. 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.

ADDITIONAL INFORMATION

Requirements for Listed Installations

► The siren cannot be mounted with double-sided tape

► **UL 1610 Central station Burglar Alarm Units:** Must be installed With Wall Tamper

► **UL 985 Household Fire Warning System:** Must Enable Temporal 4 for CO Alarms

Disable the Wall Tamper

A two-position header is provided to disable the wall tamper. Refer to Figure 1. To disable the wall tamper, place the jumper over both header pins.

Change the Sound Level

The siren is equipped with a 100/110 decibel (dB) jumper and a two-position header to change the decibel output. The siren is shipped at the 110 dB output level with the jumper placed on one pin for storage. If the 100 dB setting is required, place the jumper over both header pins. Refer to Figure 1.

Silence the Sounder

The following panel operations can silence the sounder:

► **BELL OUTPUT (XR Series and XT75 Control Panels)**—Program the output in **BELL OUTPUT** so the sounder turns off at the **BELL CUTOFF** time if less than fifteen minutes

► **Disarming**—Program the output in **ALARM ACTION** for the zone that will be disarmed, then set the action to **STEADY**

► **OUTPUTS ON/OFF**—In 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

Status List

For XR Series to display wireless output troubles at a keypad, that keypad's address must be entered in **STATUS LIST** > **AUX 1 ZONES** (Auxiliary 1 Zones).

Output Response Time

Outputs operate with a 3-second response time when used with the 1135-W.

Battery Life Expectancy

Battery life expectancy for is 3 years when the siren is programmed as a slow response output where the siren is operated for 5 minutes once a month. Battery life expectancy is 3 months when programmed as a fast response output. DMP wireless equipment uses two-way communication to extend battery life. To extend battery life further, operate the siren infrequently and extend supervision time in panel programming. Multiple on/off siren operations and extreme hot or cold environments reduce battery life.

Replace the Battery

1. Remove the locking screws from the top and bottom of the siren housing.

2. Lift the cover from the bottom to remove it from the base.

3. Remove the old batteries and dispose of them properly. Always replace both batteries at the same time.

4. Install the two CR123 batteries and press into place. Refer to Figure 1 for battery locations.

5. Place the cover back onto the base and secure the housing using the locking screws.

Sensor Reset to Clear LOBAT

Once the battery is replaced, a sensor reset is required at the keypad to clear the **LOBAT** message. On an LCD keypad, press and hold 2 for two seconds. On a graphic touchscreen keypad, press **RESET**. Enter your user code, if required. The keypad displays **SENSORS OFF** followed by **SENSORS ON**.

SPECIFICATIONS

Battery Life Expectancy	3 years (slow response)
	3 months (fast response)
Battery Type	3.0 V lithium CR123
Internal Sounder	Type Y
Tone Output	100 dBA at 3 ft (1 m)
Frequency Range	905 - 924 MHz
Operating Temperature	32°F to 120°F (0°C to 49°C)
Relative Humidity	85% at 86°F (30°C)
Housing Material	Flame retardant ABS
Weight	0.5 lbs (0.23 kg)
Dimensions	4.5 L x 4.5 W x 1.25 H in
	(11.4 L x 11.4 W x 3.2 H cm)

COMPATIBILITY

► 1100 Series Wireless Receivers

► XTL Series Control Panels

► XT Series Control Panels

► XR Series Control Panels

PATENTS

► U.S. Patent No. 7,239,236

CERTIFICATIONS

► FCC Part 15 ID: CCKPC0123R8

► Industry Canada: 5251A-PC0123R8

Underwriters Laboratory (UL) Listed

ANSI/UL 1023	Household Burglar Alarm System Units
ANSI/UL 1610	Central Station Burglar Alarm Units
ANSI/UL 985	Household Fire Warning System

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.

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 License-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.