1135 Wireless Siren

Description

The Model 1135 Wireless Siren provides up to 110 decibels of annunciation and comes with a wall and cover tamper, survey LED, and two batteries. Multiple sirens can be activated simultaneously by the panel via the Trip with Panel Bell feature.

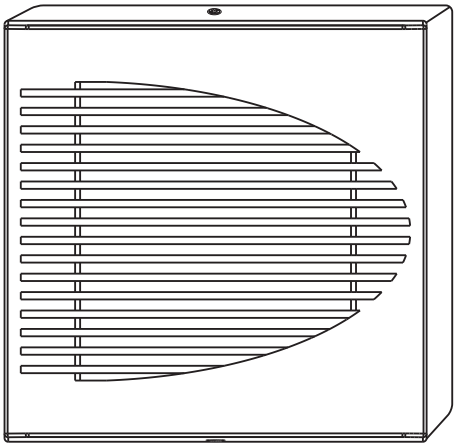

Figure 1: 1135 Wireless Siren

What is Included

- One 1135 Wireless Siren
- Two 3.0V Lithium CR123A batteries
- Hardware pack and serial number labels

Programming the Siren in the Panel

Refer to the panel programming guide as needed. In Output Information, enter an output number, output name, eight-digit serial number, supervision time, and set the Trip with Panel Bell option to YES. Outputs operate with a 3 second response time when used with the 1135.

Trip with Panel Bell Option

Select YES to have the siren follow the panel bell output and bell cutoff time. The ON/OFF state of the siren cannot be changed via the output menu or any other panel function. Default is YES.

Installing the Siren

Tamper Switches

The 1135 is equipped with a case tamper and a wall tamper. See Figure 2. A two position header is provided to disable the wall tamper. See Figure 3. To disable the wall tamper, place the jumper across the two pins of the header. Disable the wall tamper if mounting using the supplied double-sided tape.

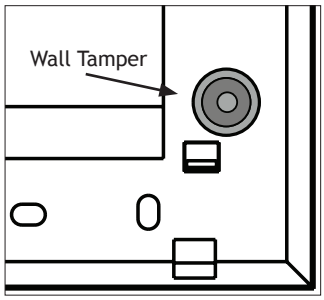

Figure 2: Wall Tamper

100/110 Decibel Jumper

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. See Figure 3.

Selecting a Location

The 1135 siren's LED survey capability allows one person to confirm communication with the receiver. The PCB Red Survey LED turns on brightly whenever data is sent to the receiver then immediately turns off when the receiver acknowledgement is processed. See Figure 3. Press the tamper switch to send data to the receiver to confirm operation. When the 1135 does not receive an acknowledgement from the receiver, the survey LED remains on for 8 seconds to signal that communication is not established. Communication is also faulty when the LED flashes brightly multiple times in quick succession. Relocate the siren or receiver until the LED immediately turns off when tampered. Proper communication between the siren and receiver is verified when for each press or release of the tamper switch, the LED blinks immediately on and immediately off.

Note: Mount the siren away from metal objects. Do not install the 1135 within 4 feet of the panel as the RF gain of the transmitter may inhibit proper communication.

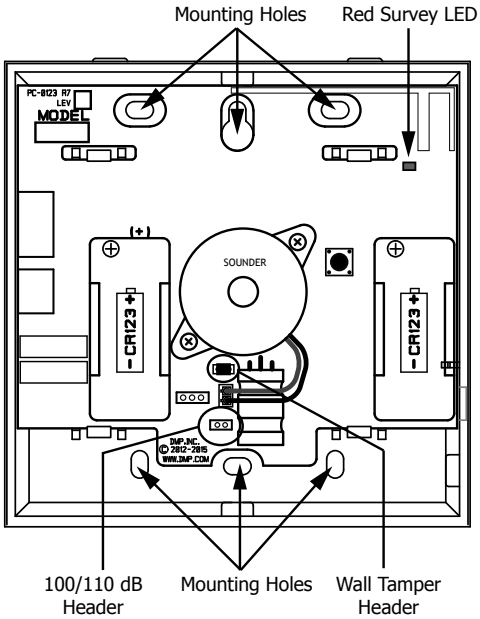

Figure 3: Mounting Holes and PCB Features

Mounting the Siren

1. Remove the locking screws from the top and bottom of the siren housing and lift the cover from the bottom to remove.
2. Install the included two 3.0V Lithium CR123A batteries. See Figure 3.
3. Mount the 1135 on a flat wall. Use the supplied screws in the mounting hole locations shown in Figure 3, and insure the wall tamper makes proper contact with the wall. Or, if using the supplied double-sided tape to attach the siren to the wall, be sure to disable the wall tamper.
4. Set the cover back into place and replace the locking screws.

Siren Battery Power

When setting up a wireless system, it is recommended to program the siren's output number in the panel and connect the receiver before installing the siren's batteries. Battery life expectancy for the 1135 wireless siren is 3 years when the siren is operated for five minutes once a month. 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 will reduce battery life.

Observe polarity when installing the batteries. Use only 3.0V Lithium batteries, DMP Model CR123, or the equivalent battery from a local retail outlet. For UL installations, only use #123 batteries manufactured by Energizer.

Replacing the Siren Batteries

1. Remove the locking screws from the top and bottom of the siren housing and lift the cover from the bottom to remove.
2. Remove the old batteries and dispose of them properly. Always replace both batteries at the same time.

   Caution: Do not recharge, disassemble, heat above 212°F (100°C), or incinerate the batteries. There is a risk of fire, explosion, and burns with improper disposal.
3. Place the two CR123 batteries in the holders and press into place. See Figure 3 for the battery locations.
4. Set the cover back into place and replace the locking screws.

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.

Listed Compliance Specifications

Commercial Burglary

The wall tamper must be enabled for commercial burglary applications. Install only on non-conductive surfaces.

Household Fire

Supervision Time must be 3 minutes for fire applications.

Specifications

Battery	
Life Expectancy	3 Years
Type	3.0V Lithium CR123A
See Siren Battery Power for full details.	
Frequency Range	905-924 MHz
Decibel Level	110 dB at 3 ft.
Dimensions	4.5" L x 4.5" W x 1.25" H
Color	White
Housing Material	Flame retardant ABS

Accessories

CR123 3.0V Lithium Battery

Patents

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

Certifications

FCC Part 15 CCKPC0123R8
Industry Canada 5251A-PC0123R8
ANSI/UL 1023 Household Burglar Alarm System Units
ANSI/UL 1610 Central Station Burglar Alarm Units
ANSI/UL 985 Household Fire Warning System

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