1135DB Wireless Siren

Description

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

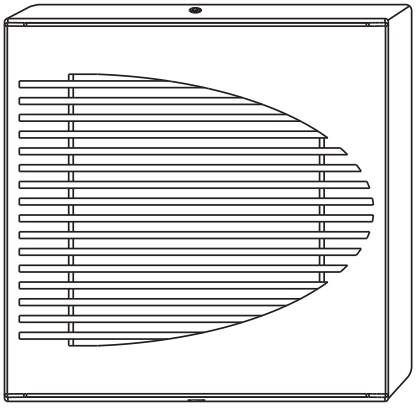

Figure 1: 1135DB Wireless Siren

Compatibility

All DMP 1100 Series Wireless Receivers and Panels

What is included

The 1135DB includes the following:

- One 1135DB Wireless Siren
- Two 3.0V Lithium CR123A batteries
- Hardware pack
- Serial number label
- Double-sided tape

Serial Number

For your convenience, two additional pre-printed serial number labels are included for the siren output. Prior to installing the wireless siren, record the serial number or place the pre-printed serial number label on the panel programming sheet. This number is required during programming.

Programming the 1135DB Siren Output in the Panel

Refer to the appropriate 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.

Trip with Panel Bell Option

Select YES to have the 1135DB Wireless Siren follow the panel bell output including 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.

Note: When the panel is reset, or programming is complete, the supervision time is reset. If the panel has been powered down for more than one hour, the 1135DB 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. In addition, if the siren is on when the panel is powered down, the siren automatically turns off after 15 minutes.

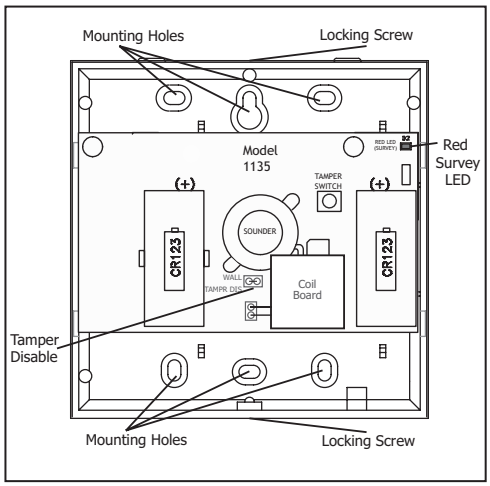

Figure 2: Survey LED and Mounting Holes

Installing the Wireless Siren

Selecting a Location

The 1135DB provides a survey capability to allow one person to confirm communication with the receiver while the cover is removed. The 1135DB PCB Red Survey LED (See Figure 2) turns on brightly 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 1135DB 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 brightly multiple times in quick succession. Relocate the 1135DB or receiver until the LED immediately turns off when tampered indicating the 1135DB and receiver are communicating properly. Proper communication between the 1135DB and receiver is verified when for each press or release of the tamper switch, the LED blinks immediately on and immediately off.

Tamper Switches

The 1135DB is equipped with a case tamper and a wall tamper. A two position header is provided to disable the wall tamper. To disable the wall tamper, place the jumper across the two pins of the header. If wall tamper is required, place the jumper over just one pin for storage.

Note: If mounting using the supplied double-sided tape, the wall tamper must be disabled.

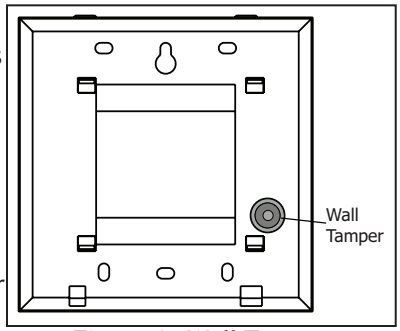

Figure 3: Wall Tamper

Mounting the Siren

1. Remove the locking screws from the top and bottom of the siren housing. Lift the cover from the bottom to remove.
2. Mount the 1135DB on a flat wall ensuring that the wall tamper switch makes proper contact with the wall. Use the supplied screws in the mounting hole locations as shown in Figure 2, or use the supplied double-sided tape. Mount the siren away from metal objects. Do not install the 1135DB within 4 feet of the panel as the RF gain of the transmitter may inhibit proper communication.
3. Set the cover back into place and replace the locking screws.

Powering the 1135DB

Note: 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 batteries in the 1135DB.

Battery Power

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

1. Remove the locking screw from the side of the siren housing.
2. Lift the cover from the bottom to remove.
3. If replacing the batteries, remove the old batteries and dispose of properly. Always replace both batteries at the same time.

Caution: Properly dispose of used 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.

4. Place the two CR123 batteries in the holders and press into place. See Figure 2 for battery location.
5. Set the cover back into place and replace the locking screw.

Battery Life Expectancy

Battery life expectancy for the 1135DB is 3 years where the siren is operated for five minutes once a month. Refer to the panel programming guide as needed. DMP wireless equipment uses two-way communication to extend battery life.
The following situation can extend battery life expectancy:

- Infrequent siren on/off operations
- Extend transmitter supervision time in panel programming

The following situations can reduce battery life expectancy:

- Multiple siren on/off operations
- 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	3 Years
Type	3.0V Lithium CR123A
See Battery Life Expectancy for full details.	
Frequency Range	903-927 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

Compatibility

XTL Series Panels
XT30/XT50 Series Panels (using software version 106 or higher)
XR100/XR500 Series Panels (using software version 207 or higher)
XR150/XR350/XR550 Series Panels
All DMP 1100 Series Wireless Receivers Version 200 or higher

Patents

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

Certifications

FCC Part 15 Registration ID CCKPC0123
IC Registration ID 5251A-PC0123

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