

Industrial Siren Strobe

Installation Manual



*Replace "x" with the first letter of the lens color, amber, blue, clear, or red.

The Industrial Siren Strobe is a multi-purpose device: siren, speaker, and an optional strobe. It can serve as a regular siren, but also has an audio input that can be used to play audio or broadcast messages. Audio input will override the siren for the duration of the broadcast. The strobe light is available with amber, blue, clear, or red lenses.

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- 9~15 VDC and low current draw
 - 120dB Warble-tone siren
 - 25W Speaker for audio or broadcast system input (broadcast will interrupt the siren)
 - Built-in tamper alarm output
 - Weatherproof for outdoor/indoor use, IP65
 - Mount directly to wall or to most common back boxes

In addition to the above, the strobe siren adds:

- Bright LED strobe light
- Strobe can be triggered separately from siren
- Strobe available in amber, blue, clear, or red

Parts List

1x Siren/Strobe
 1x Back removal tool

4x Mounting screws
 1x Manual

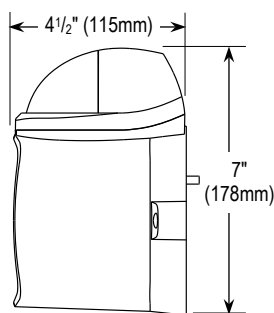
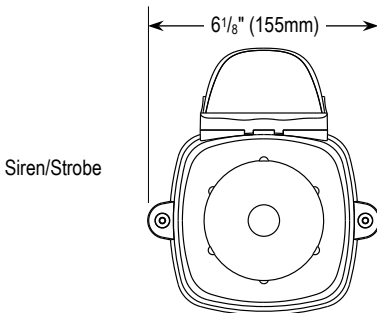
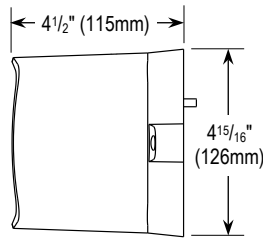
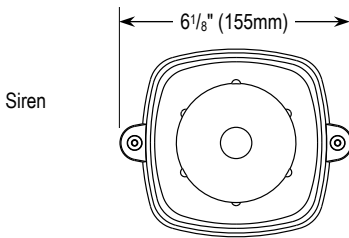
4x Plastic wall anchors

Specifications

| | | |
|------------------------------|--|----------------|
| Model | CM-1029 | |
| Type | Siren | |
| Operating voltage | 9~15 VDC | |
| Current draw | Siren | 680mA@12VDC |
| | Strobe | N/A |
| | Both | 190mA@12VDC |
| Siren volume | 120dB | |
| Speaker rating | 25W Peak | |
| Strobe flash rate | N/A | 100 per minute |
| Tamper output | 100mA@30 VAC/VDC | |
| IP Rating | IP65 | |
| Operating humidity | 0~95% | |
| Operating temperature | -4°~131° F (-20°~55° C) | |
| Housing | White polycarbonate plastic | |
| Dimensions | 6 ¹ / ₈ "x4 ¹⁵ / ₁₆ "x4 ¹ / ₂ " (155x126x115 mm) | |
| Weight | 1-lb 13-oz (812g) | |

*Replace "x" with the first letter of the desired LED lens color – amber, blue, clear, or red.

Overview



Installation

1. Determine the desired location and installation—surface or to a back box.
2. Remove the two screws from the two tabs that attach the mounting base to the main unit (See Fig. 1).
3. Squeeze the included base removal tool and insert through the wiring access hole in the back of the unit. Release and pull carefully until the mounting base is removed from the unit.
4. Remove the base removal tool and turn the mounting base over to view the wiring terminals (see Fig. 2)
5. Thread the wires (up to 8 wires, depending on installation, see "Sample Applications" on pg. 4) through the center hole in the base and install the base to the wall/back box using the four mounting holes in the base, oriented so that the engraved arrow is pointing up. Be careful not to use the hole for the tamper switch (see Fig. 2).

NOTE: For non-standard boxes, drill out any other holes engraved in the oval indentations on the mounting base as needed.

6. Connect the wires for the desired installation to the terminals on the mounting base as shown in Fig. 3 and referring to the sample applications on pg. 4. Note that audio input requires power to the P.A. (+) terminal.
7. Carefully slide the main unit onto the base, ensuring the correct orientation (note the notch and the arrows) and ensuring the terminal plugs are correctly engaged (see Fig. 1).
8. Attach the main unit to the base using the two screws removed in step 2.

Fig. 1

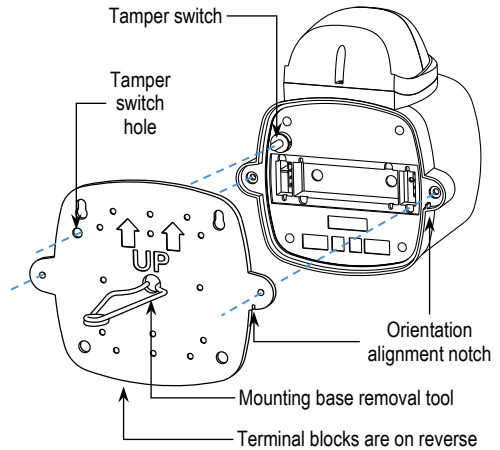


Fig. 2

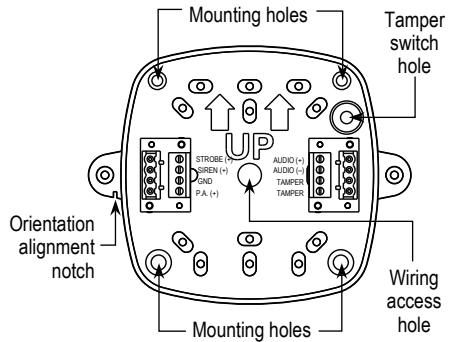
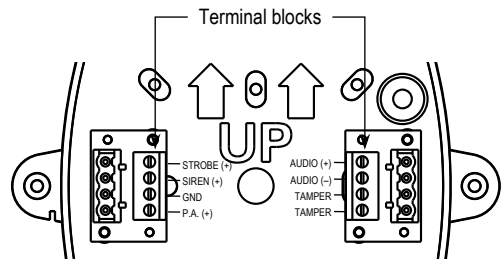
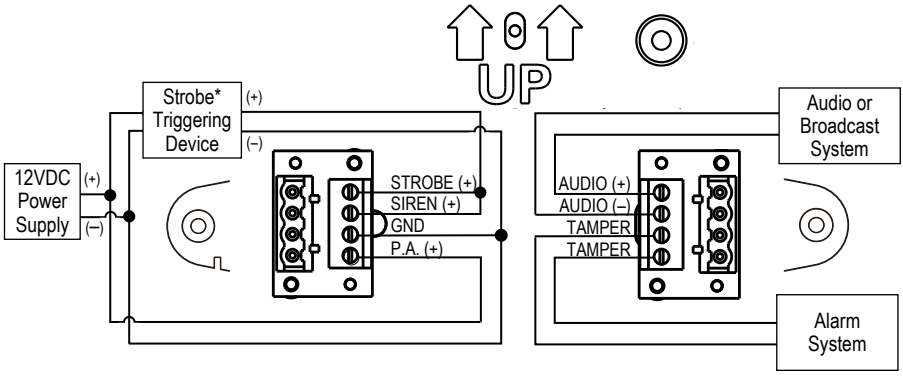


Fig. 3

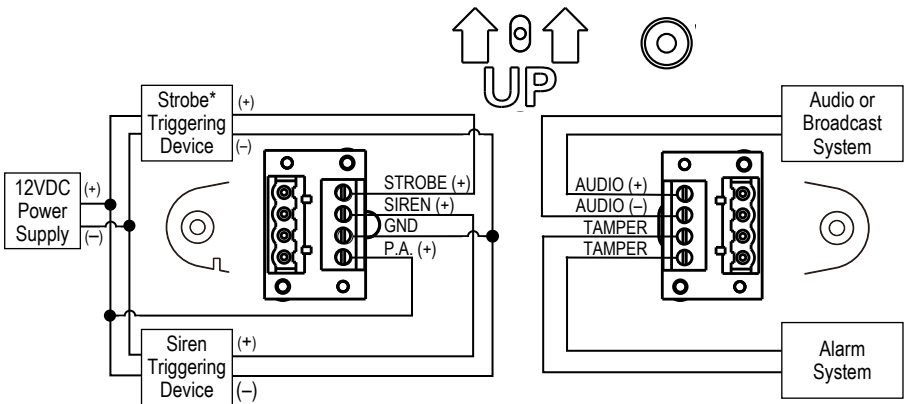


Sample Applications

Triggering both siren and strobe* together
(also showing audio input)



Siren and strobe* triggered by separate devices
(also showing audio input)



NOTE: The audio broadcast will override and interrupt the siren for the duration of the broadcast.



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