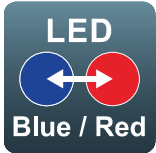


Active Deterrent Siren/Strobe with Broadcast

SH-816S-AD

Installation Manual



The ENFORCER Active Deterrent Siren/Strobe with Broadcast uses the universal flashing red/blue warning lights to deter intruders from the start as a part of a multi-purpose device: siren, broadcast speaker, and dual-color LED strobe. Choose between 4 different flash patterns and each at two different speeds. It can serve as a siren and strobe, either activated together or triggered separately by different devices or actions, but also has an audio input that can be used to play audio broadcast messages. Audio input will override the siren for the duration of the broadcast.

- Bright Blue and Red LED strobe lights
- 9~15 VDC and low current draw
- 4 Selectable strobe flash patterns each at 2 different speeds
- 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
- Strobe can be triggered separately from siren

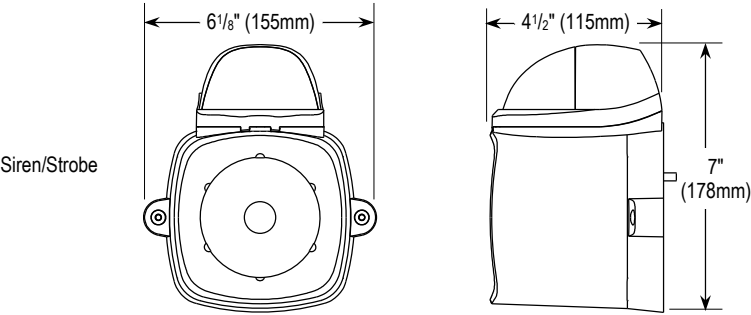
Parts List

1x Siren/Strobe	4x Mounting screws	4x Plastic wall anchors
1x Back removal tool	1x Manual	

Specifications

Type	Siren, strobe, audio broadcast	
Operating voltage	9~15 VDC	
Current draw	Siren	680mA@12VDC
	Strobe	190mA@12VDC
	Both	870mA@12VDC
Tamper output	100mA@30 VAC/VDC	
Tamper sensor	Pin switch	
Siren volume	120dB	
Speaker rating	25W Peak	
Strobe flash rate	270 per minute	
Strobe customization	4 distinct patterns each at fast or slower speeds	
Connectors	Terminal block	
IP Rating	IP65	
Operating humidity	0~95%	
Operating temperature	-4°~131° F (-20°~55° C)	
Housing	White polycarbonate plastic	
Dimensions	6 1/8"x7"x4 1/2" (155x178x115 mm)	
Weight	2-lb 2-oz (957g)	

Dimensions



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, pg. 3).
3. Squeeze the included base removal tool and insert it through the wiring access hole in the back of the unit. Release and pull carefully until the mounting base is removed from the unit.

Installation (Continued)

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. Choose the desired strobe pattern using the DIP switches on the main unit (see Fig. 1 and *Setting the Strobe Pattern*, pg. 4).

NOTE: DIP switches may only be changed when no power is applied to the main unit.

8. 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).
9. Attach the main unit to the base using the two screws removed in step 2.

Fig. 1

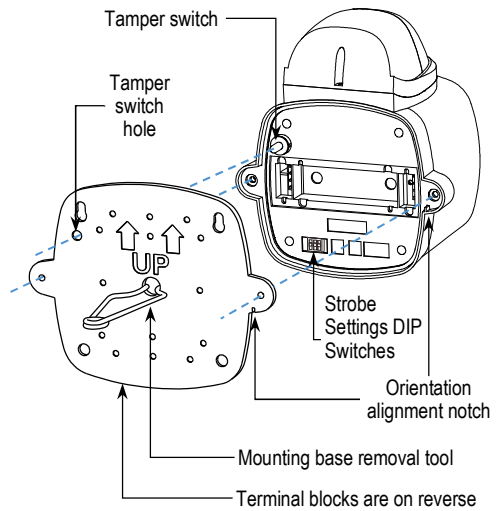


Fig. 2

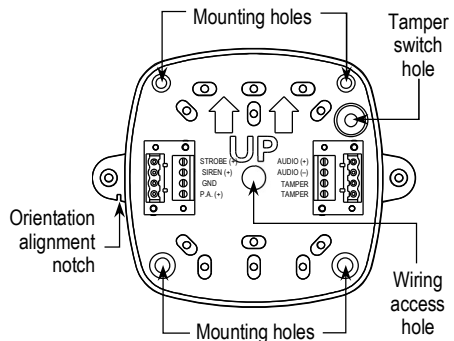
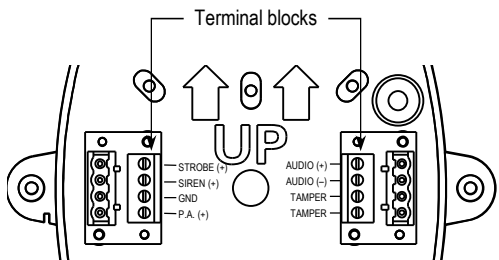
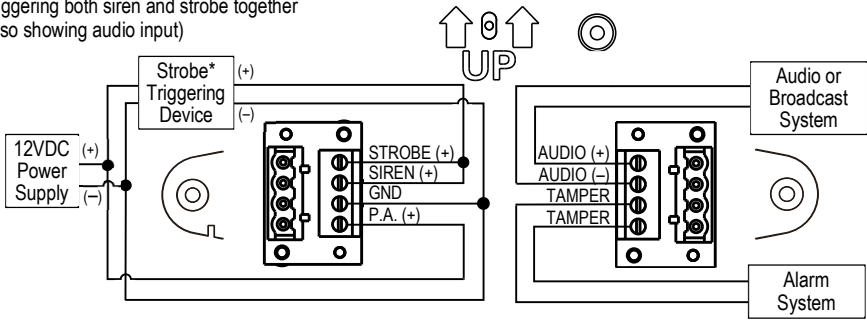


Fig. 3

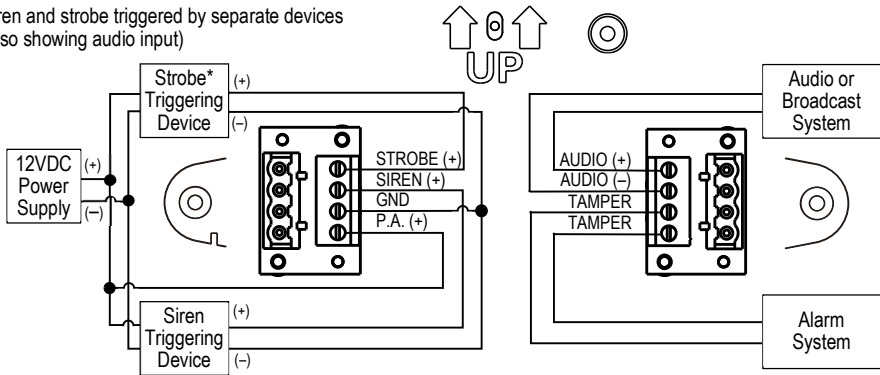


Sample Applications

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



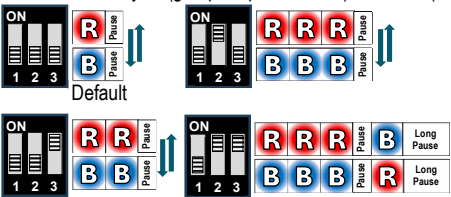
Siren and strobe triggered by separate devices
(also showing audio input)



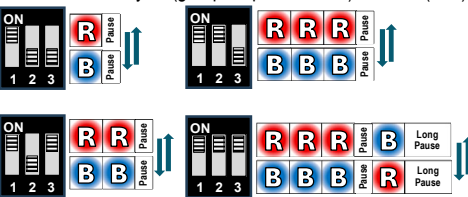
NOTE: The audio broadcast will override and interrupt the siren for the duration of the broadcast.

Setting the Strobe Pattern

Faster – Each cycle (group of quick flashes) is ~0.25s (4Hz)



Slower – Each cycle (group of quick flashes) is ~0.5s (2Hz)



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