

Self-Contained Siren or Siren/Strobe

Installation Manual



SH-816S-SQ/R shown



Model	Product	Mount
SH-816S-BQ	Siren	Surface or back box (single-gang, double-gang, or C-type)
SH-816S-SQ/x*	Siren with Strobe	Surface or back box (single-gang, double-gang, or C-type)

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

The ENFORCER Siren/Strobe is a multi-purpose device: siren, speaker, and (SH-816S-SQ only) an LED 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 SH-816S-SQ strobe light is available with amber, blue, clear, or red lenses.

- 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, SH-816S-SQ 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

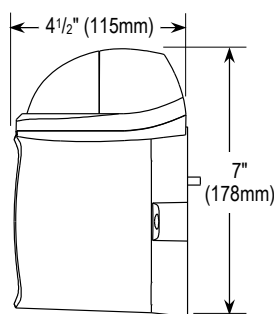
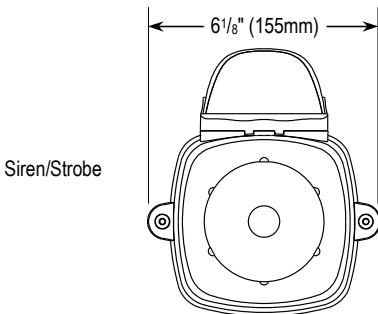
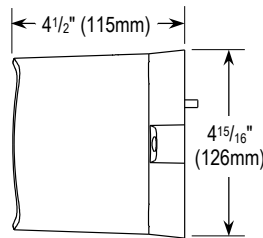
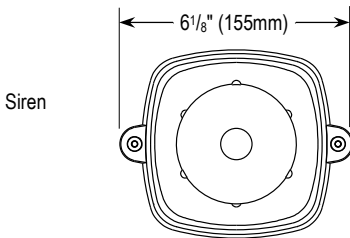
4x Plastic wall anchors

Specifications

Model	SH-816S-BQ		SH-816S-SQ/x*
Type	Siren		Siren with strobe
Operating voltage	9~15 VDC		
Current draw	Siren	680mA@12VDC	
	Strobe	N/A	190mA@12VDC
	Both	N/A	870mA@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)		6 ¹ / ₈ "x7"x4 ¹ / ₂ " (155x178x115 mm)
Weight	1-lb 13-oz (812g)		2-lb 2-oz (957g)

*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

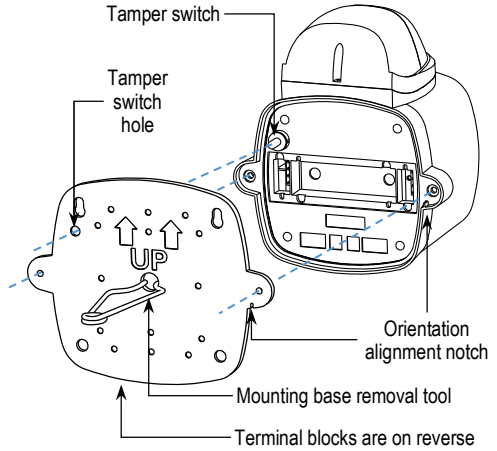


Fig. 2

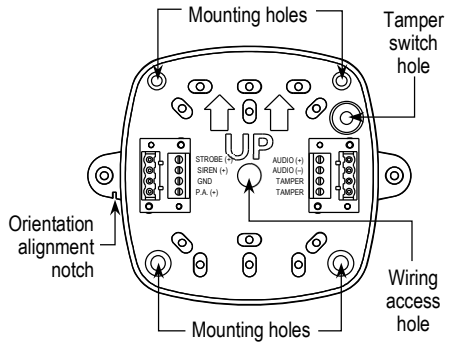
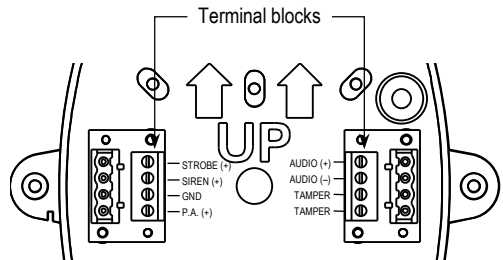
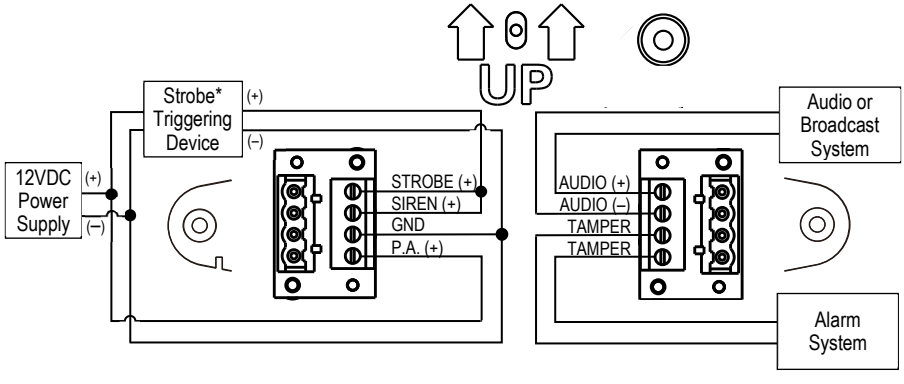


Fig. 3

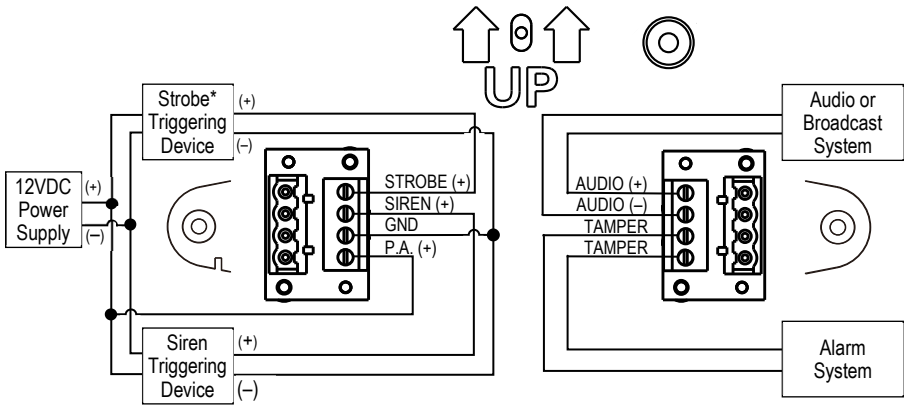


Sample Applications

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



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



*Strobe available on SH-816S-SQ only

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

IMPORTANT: Users and installers of this product are responsible for ensuring that the installation and configuration of this product complies with all national, state, and local laws and codes. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

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