SA-95/96

Hardwired Piezoelectric Siren and Strobe
Installation Manual

1. Introduction

The SA-95 and SA-96 are members of Rosslare's family of sirens.

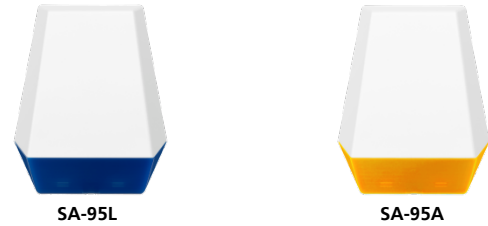Table 1 describes the models.

Table 1: Model Description

Model	Functions
SA-95	Small Hardwired Siren and Strobe
SA-96	Large Hardwired Siren and Strobe

SA-95 is a small hardwired siren with one piezoelectric sounder and 4 ultra bright strobe LED arrays. The SA-96 is a large hardwire siren with 3 piezoelectric sounders and 8 ultra bright strobe LED arrays. Both sirens are inexpensive and hardwired that are ideal for residential, commercial, and institutional applications. The attractive modern designs are intended for indoor installation and are perfect for locations where both aesthetics and performance are required, such as private homes, store fronts, medical facilities, and financial or manufacturing institutions.
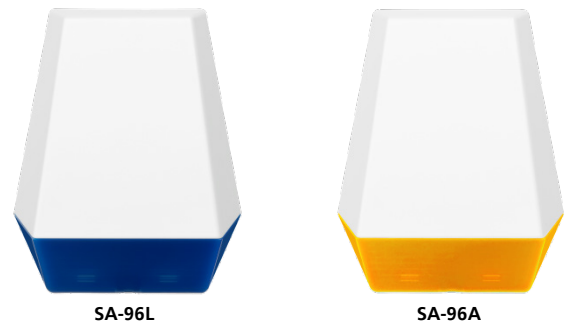
The SA-95 and SA-96 sirens require no power supply; they are powered and activated from the hosting control panel.

The SA-95 and SA-96 sirens come in blue (L) and amber (A) as shown in Figure 1 and Figure 2.

Figure 1: SA-95

SA-95L

SA-95A

Figure 2: SA-96

SA-96L

SA-96A

2. Technical Specifications

2.1 Electrical Specifications

	SA-95	SA-96
Input Voltage	8 to 14 VDC from panel	
Current Consumption	Standby – 0 mA, Maximum – 150 mA @ 12 VDC	
Strobe Type	Ultra bright LED array	
Tamper	Cover and wall	
Siren Type	Piezoelectric	
Siren Output	85 dB/100 cm	95 dB/100cm

2.2 Environmental Specifications

	SA-95	SA-96
Weatherproof	IP65	
Operating Temp. Range	-30°C to 60°C (-22°F to 140°F)	
Storage Temp. Range	-40°C to 70°C (-40°F to 158°F)	
Operating Humidity Range	0 to 95% (non-condensing)	

2.3 Physical Specifications

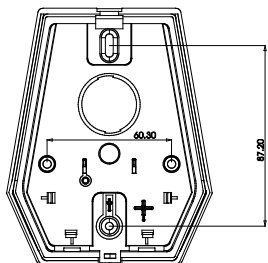|	SA-95	SA-96
Dimensions (H x W x D)	100 x 130 x 50 mm (3.9 x 5.1 x 2 in.)	280 x 245 x 59 mm (10.9 x 9.6 x 2.4 in.)
Weight	200 g (7 oz)	607 g (21.3 oz)

3. Installing the SA-95/96

3.1 Mounting the SA-95/96

The SA-95 and SA-96 can be easily mounted onto the wall.

To mount the siren on the wall:

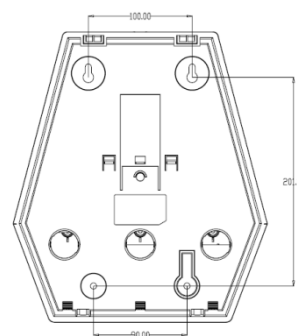For the following instructions, please refer to Figure 3 and Figure 4.

1. Open the SA-95/96 case and remove the back plane).
2. Use the mounting template or back plate to determine the desired location.

Figure 3: SA-95 Mounting

3. Drill two holes in the wall accordingly and insert the anchors provided.
4. Mount and fasten the siren with the screws provided. Ensure that it is fastened and level.
5. Reassemble the unit.

Figure 4: SA-96 Mounting

4. Wiring the SA-95/96 Siren

The wirings of the SA-95 and SA-96 sirens require opening the unit as explained in Section 3.1.

The SA-95 and SA-96 are compatible and can be connected to any of Rosslare's hardwire and wireless intrusion panels.

Each unit consists of the following terminals (Figure 5 and Figure 6):

- Siren +/-
- Strobe +/-
- Tamper

To wire the siren:

1. Connect the Siren +/- terminals to the siren output (12 V) of the intrusion panel.
2. Connect the Strobe +/- terminals:
   a. To activate the strobe with the siren, connect the Strobe +/- terminals to the Siren +/- terminals.
   b. To activate the strobe without the siren, connect the Strobe +/- terminals to any Aux output 12 VDC from the intrusion panel.
3. Connect the Tamper terminals to the intrusion panel tamper terminals to have the tamper alarm of the siren in the panel.
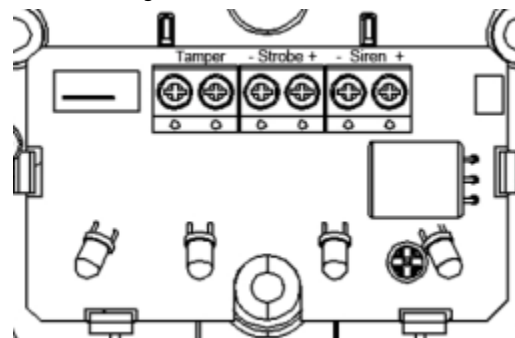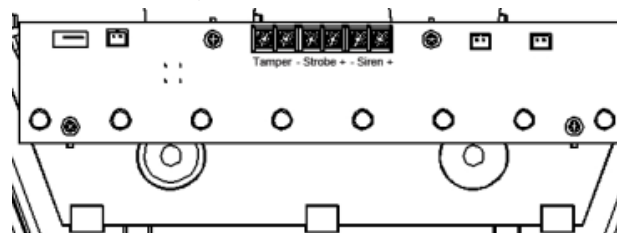
Figure 5: SA-95 Terminal Blocks

Figure 6: SA-96 Terminal Blocks

Limited Warranty

The full ROSSLARE Limited Warranty Statement is available in the Quick Links section on the ROSSLARE website at www.rosslaresecurity.com.

Rosslare considers any use of this product as agreement to the Warranty Terms even if you do not review them.

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