

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

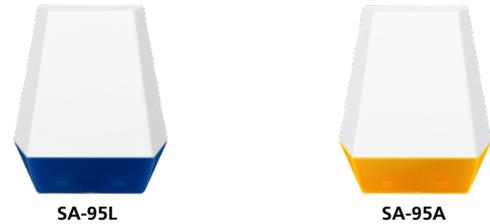


Figure 2: SA-96



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 Temperature:	-30°C to 60°C (-22°F to 140°F)	
Storage Temperature:	-40°C to 70°C (-40°F to 158°F)	
Operating Humidity:	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

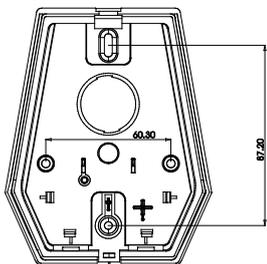
The SA-95 and SA-96 can be easily mounted onto the wall.

To mount the siren on the wall:

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

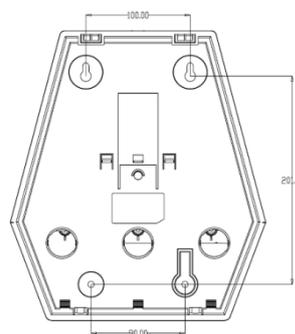
1. Open the SA-95/96 case and remove the back plane).
2. Use the mounting template or back plate to determine the desired location.

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

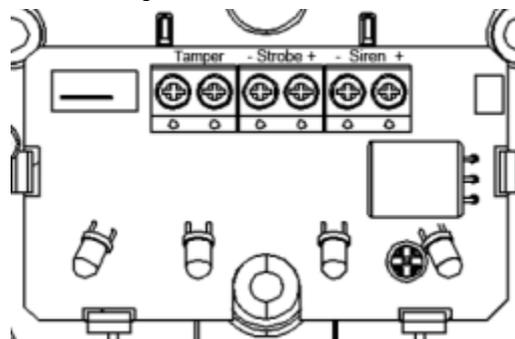
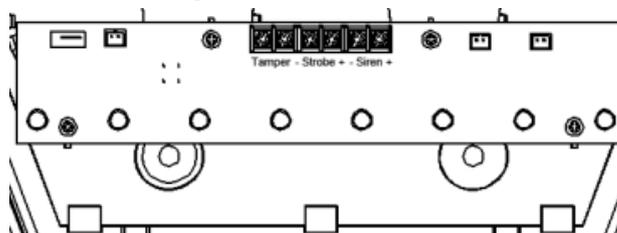


Figure 6: SA-96 Terminal Blocks



Limited Warranty

ROSSLARE ENTERPRISES LIMITED (ROSSLARE) TWO-YEAR LIMITED WARRANTY is applicable worldwide. This warranty supersedes any other warranty. ROSSLARE'S TWO-YEAR LIMITED WARRANTY is subject to the following conditions:

WARRANTY

Warranty of ROSSLARE'S products extends to the original purchaser (Customer) of the ROSSLARE product and is not transferable.

PRODUCTS COVERED BY THIS WARRANTY AND DURATION

ROSSLARE ENTERPRISES LTD. AND/OR SUBSIDIARIES (ROSSLARE) warrants that the SA-95 and SA-96 Hardwired Piezoelectric Sirens and Strobes to be free from defects in materials and assembly in the course of normal use and service. The warranty period commences with the date of shipment to the original purchaser and extends for a period of 2 years (24 months).

WARRANTY REMEDY COVERAGE

In the event of a breach of warranty, ROSSLARE will credit Customer with the price of the Product paid by Customer, provided that the warranty claim is delivered to ROSSLARE by the Customer during the warranty period in accordance with the terms of this warranty. Unless otherwise requested by a ROSSLARE representative, return of the failed product(s) is not immediately required.

If ROSSLARE has not contacted the Customer within a sixty (60) day holding period following the delivery of the warranty claim, Customer will not be required to return the failed product(s). All returned Product(s), as may be requested at ROSSLARE'S sole discretion, shall become the property of ROSSLARE.

To exercise the warranty, the user must contact ROSSLARE Enterprises Ltd. to obtain an RMA number after which, the product must be returned to the Manufacturer freight prepaid and insured.

In the event ROSSLARE chooses to perform a product evaluation within the sixty (60) day holding period and no defect is found, a minimum US\$ 50.00 or equivalent charge will be applied to each Product for labor required in the evaluation.

ROSSLARE will repair or replace, at its discretion, any product that under normal conditions of use and service proves to be defective in material or workmanship. No charge will be applied for labor or parts with respect to defects covered by this warranty, provided that the work is done by ROSSLARE or a ROSSLARE authorized service center.

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ROSSLARE shall not be responsible or liable for any damage or loss resulting from the operation or performance of any Product or any systems in which a Product is incorporated. This warranty shall not extend to any ancillary equipment not furnished by ROSSLARE, which is attached to or used in conjunction with a Product, nor to any Product that is used with any ancillary equipment, which is not furnished by ROSSLARE.

This warranty does not cover expenses incurred in the transportation, freight cost to the repair center, removal or reinstallation of the product, whether or not proven defective.

Specifically excluded from this warranty are any failures resulting from Customer's improper testing, operation, installation, or damage resulting from use of the Product in other than its normal and customary manner, or any maintenance, modification, alteration, or adjustment or any type of abuse, neglect, accident, misuse, improper operation, normal wear, defects or damage due to lightning or other electrical discharge. This warranty does not cover repair or replacement where normal use has exhausted the life of a part or instrument, or any modification or abuse of, or tampering with, the Product if Product disassembled or repaired in such a manner as to adversely affect performance or prevent adequate inspection and testing to verify any warranty claim.

ROSSLARE does not warrant the installation, maintenance, or service of the Product. Service life of the product is dependent upon the care it receives and the conditions under which it has to operate.

In no event shall ROSSLARE be liable for incidental or consequential damages.

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THIS WARRANTY SHALL BECOME NULL AND VOID IN THE EVENT OF A VIOLATION OF THE PROVISIONS OF THIS LIMITED WARRANTY.

Contact Information

Asia Pacific, Middle East, Africa

Rosslare Enterprises Ltd.
Kowloon Bay, Hong Kong
Tel: +852 2795-5630
Fax: +852 2795-1508
support.apac@rosslaresecurity.com

United States and Canada

Rosslare Security Products, Inc.
Southlake, TX, USA 76092
Toll Free: +1-866-632-1101
Local: +1-817-305-0006
Fax: +1-817-305-0069
support.na@rosslaresecurity.com

Europe

Rosslare Israel Ltd.
Rosh HaAyin, Israel 48091
Tel: +972 3 938-6838
Fax: +972 3 938-6830
support.eu@rosslaresecurity.com

Latin America

Rosslare Latin America
Buenos Aires, Argentina 1642
support.la@rosslaresecurity.com

China

Rosslare Electronics (Shenzhen) Ltd.
Shenzhen, China
Tel: +86 755 8610 6842
Fax: +86 755 8610 6101
support.cn@rosslaresecurity.com

www.rosslaresecurity.com



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