

1. General Description

The SA-33 is a handheld 5-button remote control that works with existing wireless panels and expansions.

1.1. Standard Features

- Four function buttons: arm away, arm home, disarm, and status
- Large, recessed shield-shaped Panic button in the middle of the device
- Small, thin, and oval design
- Handy design – easy to reach all the buttons with one finger

- Sealed and waterproof
- Coin battery with life expectancy of three years
- Simple battery replacement



2. Technical Specifications

2.1. Electrical Characteristics

Battery: CR2450

Lifetime: At least three years

Compliance: CE, FCC

Standby Current: <1uA

Transmission Current: 15mA

Transmission Sign: 2 SMD LED

2.2. Environmental Characteristics

Operating Temperature: -10°C to +60°C (+14°F to +140°F)

Operating Humidity: Up to 95% non-condensing

2.3. RF Characteristics:

RF Frequency: H - 868.35MHz
G - 433.92MHz

RF Power Output: 6dBm

Range: Up to 80 m in open space

2.4. Physical Characteristics

Dimensions: 57.9 x 41 x 13.8 mm (2.28 x 1.6 x 0.54 inch)

Shape: Oval

Weight: 22 g (0.77 oz) including battery

Colors: Black with black keys
Silver with dark gray keys
White with light gray keys

3. Operating Instructions

The SA-33 remote control is activated by pressing the buttons on the unit, and transmitting this information to the receiver panel.

As the SA-33 is a portable, wireless device, system reception is dependent upon the conditions of use, as follows.

Caution: AVOID using near or behind large metal surfaces and multiple concrete/steel walls. This may interfere or block the wireless signals. Make sure to test the range from the desired location by using the RF Test Procedure to ensure reception.

Caution: AVOID placing the SA-33 near strong magnetic or electrical fields other than the magnet with which it is intended to be used. Otherwise, performance can be affected, and false alarms can occur.

Important Note: When the detector range is decreased as a result of depleted battery power, replace the battery with the same type of battery immediately.

3.1. Registration

Before using the SA33 transmission information, it should be directed to the relevant panel. Please refer to the Panel manual for more information on the registration process. The device group consist of remotes, and the information is transferred by pressing one of the keys.

3.2. Using the Remote Control

The SA-33 has five buttons.

Use the buttons to operate the remote control, as described in the table below.

Button	Description
	Arm Away
	Arm Home
	Disarm
	Status
	Panic Button

CAUTION: Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Rosslare Ltd.) could void the user's authority to operate the equipment.

4. Replacing the Battery

To replace the batteries when needed, follow the procedure below:

1. Use a Phillips head screw driver to loosen the screw on the battery cover (see Figure 1), located on the bottom side of the remote control.
2. Replace the battery with the same type of battery, with the positive (+) side facing up.
3. Close the battery cover, and tighten the screw using the screw driver.

4. Dispose of the old battery properly; do not incinerate, heat, disassemble, or recharge.



Figure 1: SA-33 Battery Cover

5. Limited Warranty

ROSSLARE ENTERPRISES LIMITED S (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-33 Wireless 5-Button Remote Control is 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 ROSSLARE ENTERPRISES LTD. AND / OR SUBSIDIARIES 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 ENTERPRISES LTD. AND / OR SUBSIDIARY'S sole discretion, shall become the property of ROSSLARE ENTERPRISES LTD. AND / OR SUBSIDIARIES.

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.

Exclusions and Limitations

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, 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.

Limited Warranty Terms

THIS WARRANTY SETS FORTH THE FULL EXTENT OF ROSSLARE ENTERPRISES LTD. AND ITS SUBSIDIARIES' WARRANTY.

THE TERMS OF THIS WARRANTY MAY NOT BE VARIED BY ANY PERSON, WHETHER OR NOT PURPORTING TO REPRESENT OR ACT ON BEHALF OF ROSSLARE.

THIS LIMITED WARRANTY IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY EXCLUDED.

IN NO EVENT SHALL ROSSLARE BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, OR FOR ANY OTHER INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF USE, LOSS OF TIME, COMMERCIAL LOSS, INCONVENIENCE, AND LOSS OF PROFITS, ARISING OUT OF THE INSTALLATION, USE, OR INABILITY TO USE SUCH PRODUCT, TO THE FULLEST EXTENT THAT ANY SUCH LOSS OR DAMAGE MAY BE DISCLAIMED BY LAW.

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

6. Declaration of Conformity

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by

turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

7. Contact information

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