PRODUCT GUARANTEE *

We at ERA firmly believe in the quality of our goods. Our technology achieves outstanding performance and durability and we can therefore offer, in addition to your statutory rights, an additional limited guarantee. In the event of any material defects in any product manufactured by us due to faulty design, materials and/or workmanship, and which arise following correct installation and during normal use in accordance with our instructions, as included in the product packaging, within the period of two years from the date of purchase, we will either repair, provide a replacement, substitute with an equivalent product free of charge from our then current range or refund in full the amount paid for the product at point of purchase.

Conditions

In order to take advantage of our guarantee, you must comply with the following conditions:-
1. This limited guarantee is not transferable and is extended only to, and is solely for the benefit of, the original purchaser of the product. Please retain your dated sales invoice as proof of purchase and forward this to us if you wish to make a claim under this guarantee.
2. Products must be installed, used and maintained in accordance with our instructions otherwise the guarantee will be invalidated.
3. The product must not be damaged or modified in any way nor must it have been subjected to any unauthorised repairs.

Exclusions

This guarantee does not cover:-
1. Periodic maintenance, repair and replacement of parts due to fair wear and tear.
2. Abuse or misuse, including but not solely limited to the failure to use this product for its normal purposes or in accordance with ERA's instructions on usage and maintenance.
3. Failure of the product arising from incorrect installation or use not consistent with the instructions supplied and the cost of any removal or installation of products.
4. Accidents, Acts of God, lightning, water, fire, public disturbances, improper ventilation, voltage fluctuations or any cause beyond the control of ERA (Force Majeure).
5. Unauthorised modifications carried out to the product.
6. Damage caused by incorrect/improper use of supplied batteries.
7. Alteration to, deletion, removal or illegibility of the Serial Number as shown on the Product Label.
8. Consumables: any damages so caused by the use of batteries not supplied by ERA.
9. Repair or attempted repairing by bodies who are not ERA authorised repairers.
10. Neglect.
11. The loss of any stored data on your product.
This guarantee is in addition to your contractual and statutory rights and does not affect your statutory rights

To make a claim

Please contact Customer Support either by telephone on 0345 257 2500 or email alarms@eraeverywhere.com with full details of your claim. If your claim satisfies our Conditions and is not subject to any of our Exclusions, we will agree with you the repair, replacement, substitution or refund of payment of goods. For product returns you will be issued with a Return Authorisation Number (RAN). Please note: Returns will not be accepted unless accompanied by a RAN.
 *Terms and conditions apply.

Disposal and Recycling

Disposal of this product is covered by the Waste Electrical or Electronic Equipment (WEEE) Directive. It should not be disposed of with other household or commercial waste.

At the end of its useful life the packaging and product should be disposed of via a suitable recycling centre. Please contact your local authority or the retailer from where the product was purchased for information on available facilities.

Note: To view the full range of ERA wireless Home Security Alarm systems and accessories visit www.eraeverywhere.com

ERA Home Security

Valiant Way, Wolverhampton, WV9 5GB

email: alarms@eraeverywhere.com

Customer Helpline: 0345 257 2500

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ESS260B_V3_050318

Solar Charged Siren

Model: ESS260B

ERA

Introduction

These instructions should be read in conjunction with your ERA Wireless Alarm System Instruction Manual, and be retained for future reference. The Siren can also be used as a standalone Alarm System when connected to ERA Wireless Sensors.

Positioning

Install the Siren to the outside of the building in a position that is clearly visible and at a height which is relatively inaccessible to an intruder.

The Siren is designed to work on any aspect wall, however for optimum performance try to avoid installing on a North facing wall or to a wall with shadows cast by other buildings, trees and roof overhangs.
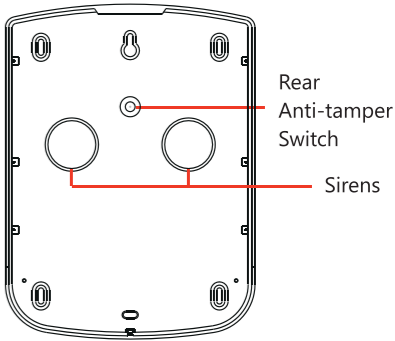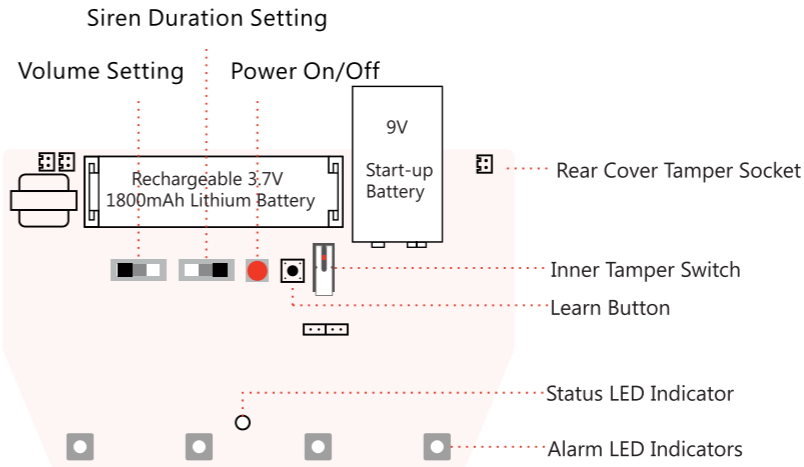
For optimum radio signal reception mount the Solar Siren at a minimum distance of one metre away from any external or internal metalwork (drainpipes, gutters, radiators, etc).

Pack Contents

Solar Siren x 1
3.7V/1800mAh Rechargeable Lithium Battery x 1
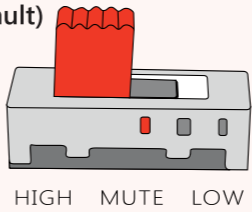9V Alkaline Battery x 1
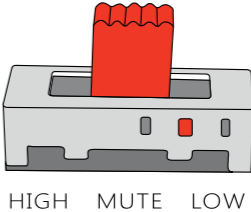Fixings Pack and Instructions
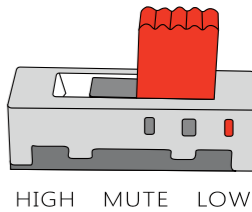
Instructions

PCB Layout

Siren Duration Setting
Volume Setting   Power On/Off
9V Start-up Battery
Rechargeable 3.7V 1800mAh Lithium Battery
Rear Cover Tamper Socket
Inner Tamper Switch
Learn Button
Status LED Indicator
Alarm LED Indicators
Rear Anti-tamper Switch
Sirens

Jumper Setup

Volume Setting

High (default)
HIGH   MUTE   LOW

Mute
HIGH   MUTE   LOW

Low
HIGH   MUTE   LOW

Siren Duration Setting

5 minutes
5MIN   2MIN   30S
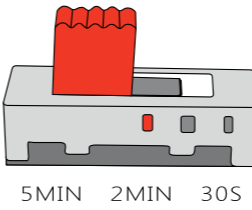
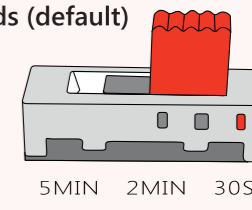2 minutes
5MIN   2MIN   30S
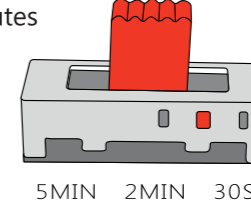
30 seconds (default)
5MIN   2MIN   30S

Usage

Please connect the 9V Battery and press the Power on/off button prior to installation.

When installed as part of an ERA Wireless Alarm System, the Siren must be registered to the Control Panel only.

Connecting to a Control Panel

1. Press the **Learn** Button on the Solar Siren (0.5 seconds), the system goes into Learn Mode after one beep is heard.
2. Press the **Arm** Button on the Control Panel.
3. The Wireless Accessory is learned successfully after a second beep.
4. If two beeps are heard, the accessory is already linked.
5. To finish learning the Accessories, press the **Learn** Button on the siren again to exit Learn Mode after one beep.
6. The Control Unit is now Armed, press Unlock to Disarm the Control Unit.

The Siren arms 15 seconds after the Control Panel - please consider this when testing the Siren.

The Siren will sound and the strobe lights will flash upon alarm activation.

Disarming the System will stop the siren sounding. If not disarmed the Siren Status Indicator will flash once every 2 seconds for one hour (visual notification of an alarm event).

When installed as a Siren only Alarm System (without a Control Panel), all of the Alarm Accessories must be registered to the Siren.

Connecting a Wireless Accessory to the Siren

1. Press the **Learn** Button on the Solar Siren (0.5 seconds), the system goes into Learn Mode after one beep is heard.
2. Press the **Test** Button on the Accessory or trigger the Accessory once.
3. The Wireless Accessory is learned successfully after a second beep.
4. If two beeps are heard, the accessory is already linked.
5. To finish learning the Accessories, press the **Learn** Button on the Siren again to exit Learn Mode after one beep.
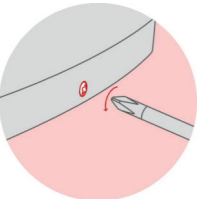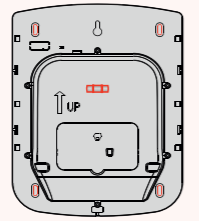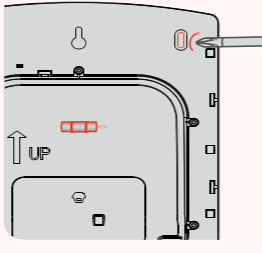
The 'Arm' button will arm the siren with a 15 second exit delay. Sensors on the 'single delay zone' will have an entry delay of 15 seconds before the alarm sounds (unless disarmed by the Remote Control during the delay period).

Sensors on the 'normal zone' will activate the alarm without a delay, i.e the Siren will sound immediately.

The Siren will sound and the strobe light will flash upon activation of a connected Accessory.

Disarm the system to stop the siren sounding. If not disarmed the Siren status indicator will flash once every 2 seconds for one hour (visual notification of an alarm event).

Installation

1 Remove the fixing screw from the bottom edge of the Siren housing and carefully remove the front cover.

2 Hold the mounting plate in position and mark the positions of the four mounting holes. There is a Spirit Level inside the case to help ensure that the Siren is level.

3 Drill four holes in the wall and insert the wall plugs. Insert the screws through the backplate holes and screw them into the wall plugs.

4 Hinge the front cover locating tabs over the top edge of the backplate and carefully push the base of the siren cover into place. Secure the siren cover in place by refitting the fixing screw in the bottom edge of the cover.

Test Mode

1. Test Mode prevents the Siren's tamper switch from triggering an alarm during maintenance or when changing the battery.
2. When the Remote Control is connected with the Siren, press 🔓 **Unlock** 3 times (within 5 seconds) to enter Test Mode, the Siren will emit a long beep indicating that the system is now in Test Mode. During this period the Siren will not alarm but will beep if the tamper switch or the connected Sensors are triggered.
3. Press 🔒 **Lock** on the Remote Control to exit Test Mode after a short beep.
4. The System is now Armed. Press Unlock to Disarm the System.

Enter/Exit Learning Status using a connected Remote Control

1. If the Siren has been fitted as a standalone system, additional Accessories can easily be learnt to the Siren without the need to dismount the Siren from the wall, as follows:
2. Press 🔓 **Unlock** on the Remote Control 3 times (within 5 seconds) to enter Test Mode.
3. Press 🏠 **Home Arm** 3 times (within 5 seconds) to enter Learn Mode. A long beep is heard from the Siren indicating that it is in Learn Mode. Press the Test Button on the additional Accessory or trigger the Accessory once.
4. The Siren will beep again to indicate that the Accessory has been successfully connected with the Siren.
5. Press 🔒 **Lock** on the Remote Control to exit Learn Mode, it will emit one beep.
6. The System is now Armed, press Unlock to Disarm the System.

Jamming Detection

Jamming Detection will activate if the Siren receives a constant signal for 30 seconds or 3 lots of 10 seconds within a 5 minute period.
If detected, the Siren will emit 10 seconds of short beeps, if the signal is still detected, a full Alarm condition will occur.

We recommend that you wait up to 30 days before activating the Jamming Detection feature to allow time for you to become familiar with the operation of your Alarm system.

Jamming Detection continued

Note: Jamming Detection is disabled by system default.

Enable Jamming

1. Ensure the red power button is off.
2. Hold down the tamper switch and then press the red power button, you will hear 1 beep to indicate Jamming Detection has been enabled.
3. Before letting go of the tamper switch, press the red power button again to prevent the Siren from sounding.

Disable Jamming

1. Ensure the red power button is off.
2. Hold down the tamper switch and then press the red power button, you will hear 2 beeps to indicate Jamming Detection has been disabled.
3. Before letting go of the tamper switch, press the red power button again to prevent the Siren from sounding.

Specifications

Back-up Power: 3.7V 1800mAh Rechargeable Lithium Battery

Start-up Power: 9V Alkaline Battery

Solar Panel Output Current: 2000LUX illumination $\geq$ 4mA (in sunlight)

Maximum Alarm Current: $\leq$ 500mA

Wireless Receiving Distance: $\leq$ 80m (free space)

Operating Conditions: Temperature -10°C $\sim$ +55°C
Relative Humidity $\leq$ 80% (non-condensing)

Maximum Siren Volume: 110dB
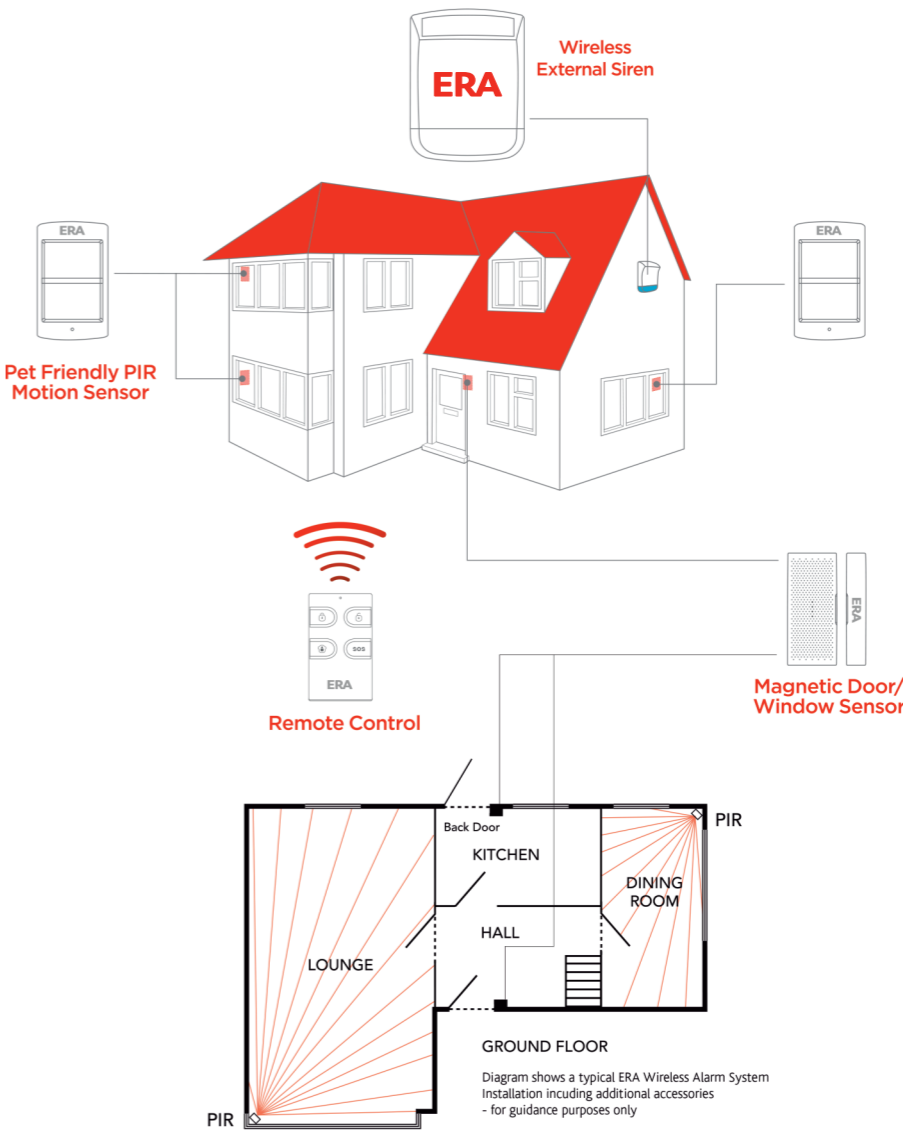
Standby Current: $\leq$ 1.mA

Standby Time: $\leq$ 45 days (no sunlight)

Wireless Receiving Frequency: 433MHz

Housing Material: PC + ABS + ANTI-UV

Size: 309 x 230 x 79.7mm

Suggested Installation/Layout

ERA

Wireless External Siren

Pet Friendly PIR Motion Sensor

Remote Control

Magnetic Door/ Window Sensor

Back Door

KITCHEN

PIR

DINING ROOM

HALL

LOUNGE

GROUND FLOOR

PIR

Diagram shows a typical ERA Wireless Alarm System Installation incuding additional accessories - for guidance purposes only

Suggested Installation/Layout