# ADDM◉RE

## Solar Charged Siren

Model: ESS260R

# 1. 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.
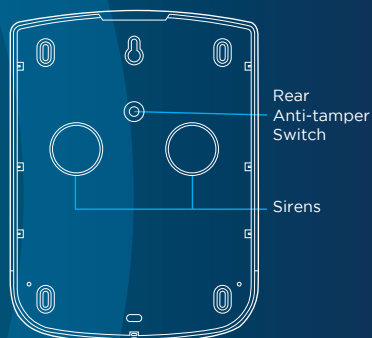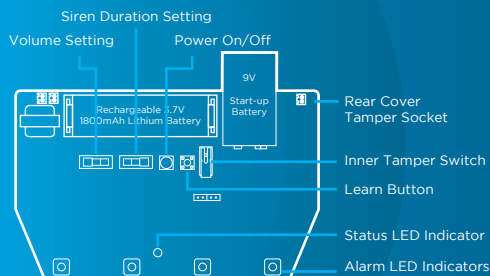
The siren is designed to work on any aspect wall, however for optimum performance try to avoid installing on a north facing wall or to a wall with shadows cast by other buildings, trees and roof overhangs.

For optimum radio signal reception mount the solar siren to maximum distance of one metre from any external or internal metalwork (drainpipes, gutters, radiators, etc).
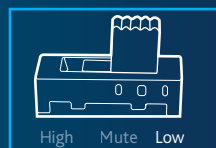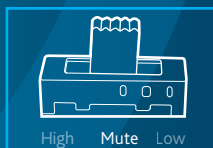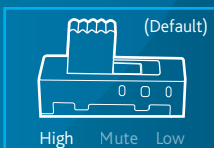
# KIT CONTENT

Solar Siren x 1
3.7V/1800mAh Rechargeable Lithium Battery x 1
9V Alkaline Battery x 1
Fixing Pack and Installation Manual

# 2. 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

# 3. JUMPER SETUP

**Volume Setting**

(Default) High    Mute    Low
High    **Mute**    Low
High    Mute    **Low**

**Siren Duration Setting**

**5Min**    2Min    30s
5Min    **2Min**    30s
(Default) 5Min    2Min    **30s**

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**Customer Helpline:**
**0345 257 2500**

# ERA
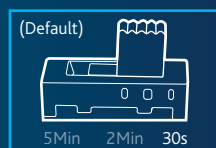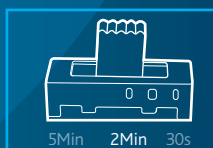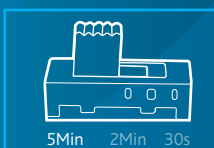
# 4. USAGE

Please connect the 9V Battery and press the power on/off button.
Please note: after charging the battery for 12-24 hours, please remove the 9V battery.

When installed as part of an ERA 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/ App.
3. The wireless siren is paired successfully after a second beep. If two beeps are heard, the accessory is already linked.
4. To finish pairing the siren, press the 'Learn' button on the siren again to exit learn mode after one beep.
5. The control panel is now armed, press [🔓] to disarm the control panel.

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.
   If two beeps are heard, the accessory is already linked.
4. To finish pairing the accessory, 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' 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).
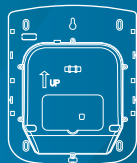
# 5. INSTALLATION

**1**

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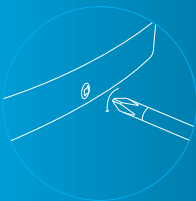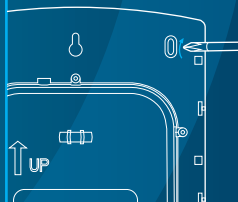


**2**

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.



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## 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 [🔓] 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 [🔓] on the remote control to exit test mode after a short beep.
4. The system is now armed. Press [🔓] to disarm the system. Please note: pressing the rear anti-tamper switch 7 times will also enter test mode.

## 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 [🔓] on the remote control 3 times (within 5 seconds) to enter test mode.
3. Press [🔓] 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 [🔓] on the remote control to exit learn mode, it will emit one beep.
6. The system is now armed, press [🔓] to disarm the system.

# 6. 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.

**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.

# 7. SPECIFICATION

| | | | |
|---|---|---|---|
| **Back-up Power:** | 3.7V 1800mAh Rechargeable Lithium Battery | **Maximum Siren Volume Start-up Power:** | 110dB |
| | 9V 6F22 Battery x 1 | **Standby Current:** | ≤ 1mA |
| **Solar Panel Output Current:** | 2000LUX Illumination ≥ 4mA (in sunlight) | **Standby Time:** | ≤45 days (fully charged) |
| **Maximum Alarm Current:** | ≤ 700mA | **Wireless Receiving Frequency:** | 433MHz |
| **Wireless Receiving Distance:** | ≤ 80m (in open area) | **Housing Material:** | PC + ABS + ANTI-UV |
| **Operating Conditions:** | Temperature -20°C ~ +55°C | **Dimensions:** | 309 x 230 x 79.7mm (L x W x H) |
| | Relative Humidity ≤ 90% (non-condensing) | | |

# 8. SUGGESTED LAYOUT



Ceiling PIR Sensor

Door/Window Sensor

Pet Friendly PIR Motion Sensor

Curtain Motion Sensor

Solar Charged Outdoor Siren

Wireless Keypad

Water Detector

Range Extender

HomeCam

HomeGuard Pro Alarm Hub

**Customer Helpline:**
**0345 257 2500**

**ERA**