

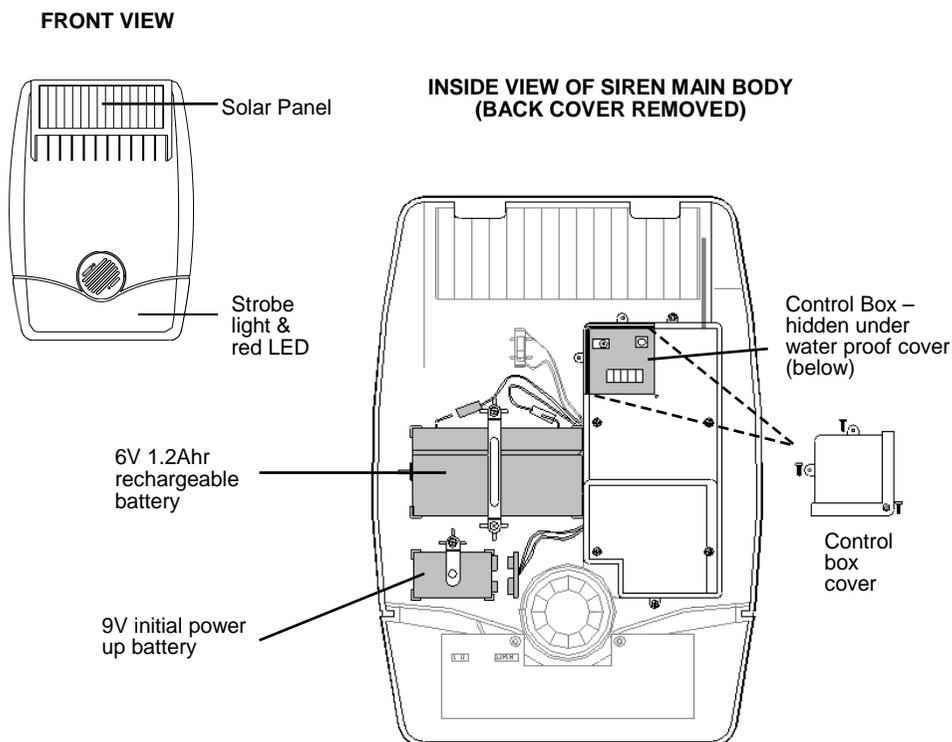
AS80SR11B Solar Siren

Installation Instructions

General Introduction

The AS80SR11B is an outdoor siren powered by solar energy and rechargeable battery. By its visible presence, the external siren indicates that an alarm system is installed and deters intruders. In case of intrusion, it alerts the neighborhood by its powerful 110 decibels piercing sound and a flashing red light

Product Overview



Binding

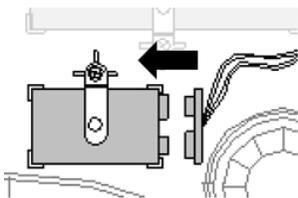
1. Open up the siren by removing the fixing screw from the bottom edge and carefully peeling off the back cover. All electronic components are housed within the front cover.
2. A 9V Alkaline battery is supplied to boost the initial power to the unit when it is first activated until the Solar Panel charges the main battery. Locate the battery clips of this 9V battery but do not connect it up yet.
3. Log into the ELRO Smart Home Alarm account from a web browser.
4. Select "System".
5. Select "Add a New Device", then "Solar Siren".



6. The following screen will appear. This means the gateway is entering binding mode.



7. Connect the 9V battery to its battery clips to power up the siren.

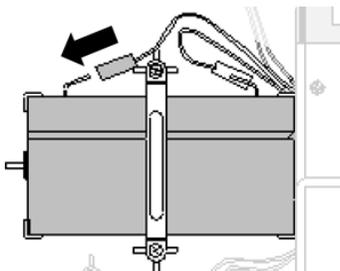


8. The screen below will appear in 10 seconds if the process is successful.



Note: Time-out will occur if the binding process was unsuccessful. Please refer to the "Manual Binding" in the Troubleshooting section.

9. Next connect the main rechargeable battery to the charging leads. Connect the Red lead to the Red (+ve) terminal and the Black lead to the Black (-ve) terminals.



10. The siren is now ready however do not refit the back cover just yet.

Operation & Testing

IMPORTANT: The loud sound level produced by this device will be deafening and cause discomfort to the ear. Place the siren outdoors and do not stand in close proximity to the siren.

Note: It is strongly advised to have the keyfob or keypad ready to quickly Disarm the system to turn off the siren.

1. Assemble the back cover back to the main body without screwing the fixing screw at the bottom.
2. Place the siren facing up on a flat surface so that the protruding tamper switch is pressed.
3. Set the system to Arm mode and trigger the alarm. The siren will emit a loud piercing sound and the strobe light will flash brightly.
4. Quickly disarm the system to stop the siren.

Mounting

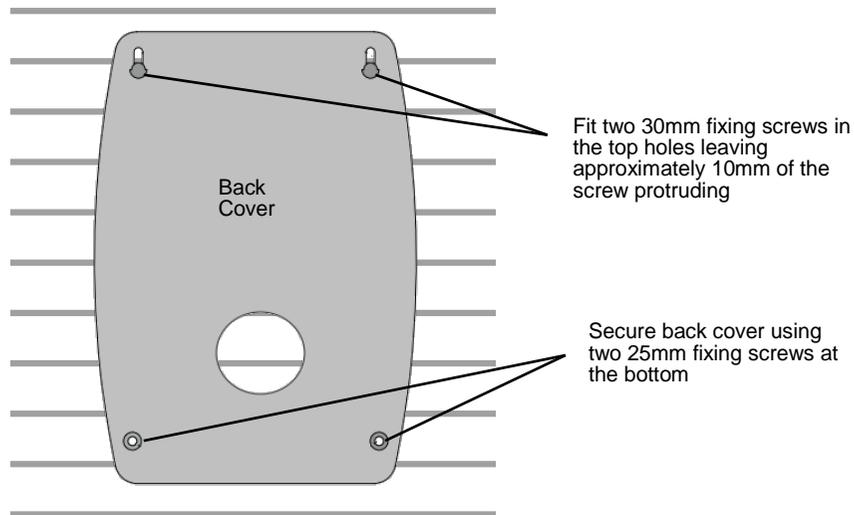
The Siren should be mounted:

- as high as possible in a prominent position so that it can be easily seen and heard.
- on a flat surface so that the rear tamper switch is not easily activated. Ensure also that the tamper switch does not fall into the recess between brick courses as this could prevent the switch from closing and give a permanent tamper signal.
- ideally on a south facing wall to receive optimum amount of sunlight, but an east or west facing wall will also suffice. Avoid mounting on a north facing wall, and avoid shadows cast by neighboring walls, trees, and roof overhangs.
- at least 1 meter away from any external or internal metalwork which can affect its radio transmission.

Installation

To install the siren on the wall, first affix its back cover on the wall and then followed by mounting its main body onto the back cover.

1. Remove the back cover again. Using the back cover itself as a template, position the back cover on the wall and mark the positions of four mounting holes.
2. Drill four 6mm holes and insert the wall plugs.
3. Fit two 30mm fixing screws in the top holes leaving approximately 10mm of the screw protruding.
4. Place the top keyhole slots of the back cover over the screw heads. Adjust the back cover position and adjust the screws until they form a neat fit with minimal movement.
5. Secure the back cover in position using the two 25mm fixing screws at the bottom.



6. Before mounting the main body, ensure the waterproof cover of the Control box has been secured back if it was removed earlier.
10. To mount the main body, hinge the front cover tabs over the top edge of the back cover and carefully push the base of the siren cover into place. Secure the main body in place by refitting the fixing screw in the bottom edge of the cover. Do not over tighten the screw as this could damage the thread.

IMPORTANT: Ensure that the rear tamper switch is closed when the main body is fitted (i.e. listen for the switch to click). If the switch does not close, this will prevent the Siren from operating correctly. If necessary, remove the main body again and adjust the screw on the back cover tamper plunger to ensure the switch closes when the siren is secured in position.

11. Upon completion of mounting the main body on the wall, the Strobe LED will flash about 3 seconds as an indication of normal operation.

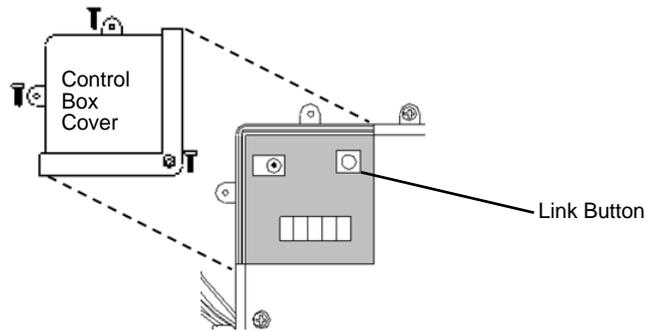
Troubleshooting

The troubleshooting table lists some possible causes and solutions. Please contact your original retailer or nearest service center if the below solutions cannot solve your problem.

Symptom	Cause of Failure	Recommendation
LED cannot be displayed	<ol style="list-style-type: none"> 1. Run out of battery power. 2. Check if reverse battery polarity. 3. Siren is out of order. 	<ol style="list-style-type: none"> 1. Replace a new battery. 2. Refit the battery with correct polarity. 3. Do not open the device and send it for repairs.
The LED on the siren is operating, but it cannot be operated	<ol style="list-style-type: none"> 1. Check if siren has completed binding with Homesys Gateway 2. The siren cannot communicate with the gateway. 	<p>Remove both the battery and follow the steps for binding with ELRO Smart Home Alarm</p> <ol style="list-style-type: none"> 1. Locate the siren closer to the gateway.

Manual Binding

1. Locate the Control Box area and remove its waterproof cover by unscrewing it. Identify the Link button inside.



2. With the 9V battery still connected, repeat steps 5 to 6 of the Binding with ELRO Smart Home Alarm section.
3. Press and hold the Link Button for more than 4 seconds until the Strobe LED starts to flash rapidly then release.
4. Within 5 seconds the Strobe LED will stop flashing and turn off, indicating the binding procedure is completed. The screen below will appear to confirm this.



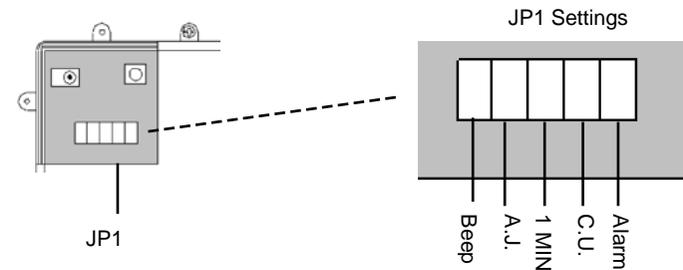
Reset to Factory Settings

1. Press and hold the Link Button for more than 4 seconds until the Strobe LED starts to flash rapidly then release.
2. Press and hold the Link button again for more than 6 seconds until the Strobe LED turns off, then release. The LED will flash every 2 seconds indicating the siren is now reset back to factory mode factory.

Jumper Settings

The siren preset settings can be modified by adjusting the jumper settings inside its Control Box.

1. Locate the Control Box area and remove its waterproof cover by unscrewing it.
2. Identify the set of jumper links JP1. The settings for each is described below:



Position	Jumper fitted	Jumper removed
ALARM	Alarm sound enabled	Alarm sound disabled
CU	Must be fitted	N/A , factory use only
1MIN	1 minute alarm sound	3 minute alarm sound
ANTI	Anti-jamming enabled	Anti-jamming disabled
BEEP	Beep sound enabled	Beep sound disabled

LED Table

The table below describes the LED indication at various stages of Siren operation

Status	Strobe LED Indication	Audible indication
Full alarm	Strobe light flashes brightly	Siren piercing sound
Installation is ok (Press tamper switch once after binding)	LED flashes for 3 seconds	
Factory reset	LED flash every 2 seconds for one minute	
Low battery indication	LED flashes 20 times rapidly	

Specifications

Battery	6V 1.2Ah Lead acid, 9V PP3 alkaline
Operating Temperature	-10°C to 60°C
Working Range	Minimum 200 meters
Siren Volume	Minimum 100dB / 1 meter
Operating Frequency	868MHz

** Specifications are subject to change without notice.



WARNING:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.

<p>ELRO Europe Postbus 9607 - Box E800 1006 GC Amsterdam The Netherlands</p>	 <p>GUARANTEE www.elro.eu</p>	<p>V1</p>	<p>Symbols: Recycling and disposal: The WEEE symbol means that this product and batteries must be disposed separately from other household waste. When it reaches its end of life, take it to a designated waste collection point in your area to guarantee a safe disposal or recycling. Protect the environment, human health and natural resources!</p> 
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