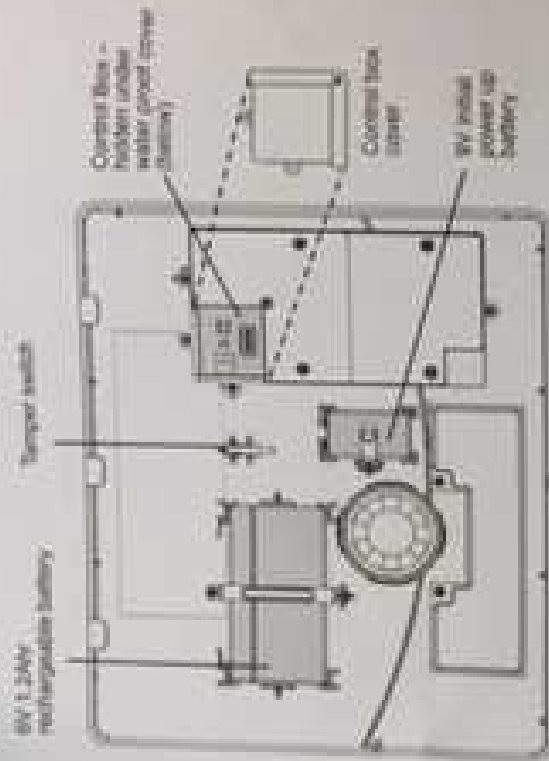
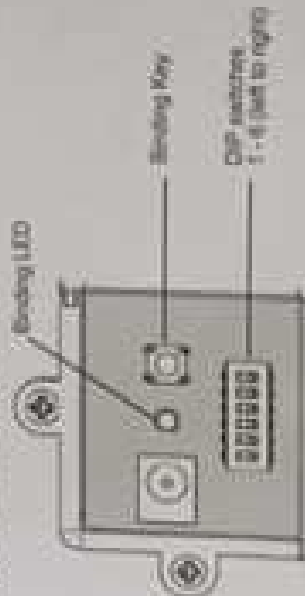




2. Locate the Control Box area and remove its waterproof cover by unscrewing it. Identify the Binding key inside.



Connect up the 9V battery followed by the rechargeable battery. Press the tamper switch and the Siren will flash.



4. Press and hold the Binding key for more the 3 seconds. The siren will enter binding mode when the Binding LED starts to flash.
5. The duration of binding mode is 30 seconds. Within this period, set the control panel to sound the alarm. The Transmit LED on the transmitter should turn on and the siren binding will complete.
6. Refer to table below for binding results.

Binding outcome	Indicator	Status
Successful	LED	Binding LED blink once
	Sound	Beep for 0.5 second
Failed	LED	Binding LED flash 3 times
	Sound	Beep rapidly 3 times

Note: The binding process can be cancelled anytime within the 30 secs by pressing the Binding key

7. Set the DIP switches on the siren to the desired setting.

Switch setting	Siren Period	Siren on/off	Beep on/off	Not used
DIP1 (left most)	DIP2	DIP3	DIP4-6	Factory use only
ON	15 mins	Siren on	Beep on	
OFF	3 mins	Siren off	Beep off	

8. The siren needs to generate alarm once to activate to alarm when the tamper is triggered.
9. Assemble the back cover back to the main body without screwing the long screw at the bottom.

Operation & Testing

IMPORTANT: The loud sound level produced by this device will be disorienting 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 alarm's keypad ready to quickly disarm the control panel to turn off the siren.

1. Set the Control Panel into alarm so that a full alarm condition occurs.
2. The Transmit LED on the transmitter should illuminate twice for approx. 4 seconds and the siren should operate. Allow the Control Panel to sound for at least 5 seconds.
3. Cancel the alarm at the control panel. The Transist LED on the transmitter should illuminate twice for approx. 4 seconds and the siren should cease to operate. If the siren continues to operate, set the panel into an ALARM CONDITION, wait 5 seconds, and then cancel the alarm to make the transmitter module transmit the "Stop" signal again.

Mounting the Solar Siren

Mount the siren on a wall outside the home:

- In a position that is clearly visible and at a height which is inaccessible to an intruder.
- Where it receives sufficient sunlight
- On a flat surface so that the rear tamper switch is not easily activated.
- At least 1 meter away from any external or internal metalwork which can affect its radio transmission

Use the back plate as a template to mark the mounting holes on the wall. Drill the position of the mounting holes. Fix the back plate to the wall using the plastic wall plugs and fixing screws provided.

Once the back plate has been secured, attach the main unit down onto the back plate and fasten the screw at the base. **Note:** removing the main unit from its back plate will cause the Tamper alarm to sound. Quickly disarm the alarm panel if this happens.

Troubleshooting

The troubleshooting table lists some possible causes and solutions.

Symptom	Possible Cause	Recommendation
Front LED on siren not illuminating	Improper battery connection or reverse polarity	Ensure battery connections are good. Connect the Red lead to the Red (+ve) terminal and the Black lead to the Black (-ve) terminal.
	Siren is out of order	Do not attempt to open the casing as it will invalidate the warranty. Send it for repair.
Binding LED on siren operating, but cannot learn the ID code or take control of siren	Failing learning the ID code under Siren controlled system	According to the operating instruction, resume binding code process. Ensure it is set at siren controlled system
	Radio channel interference, using 868.35MHz frequency	Wait for a moment to start operating

Low Battery

When battery level becomes low, the Front LED will flash at every 20 seconds to save on power. Replace the batteries as soon as possible.

Reset to Factory Settings

1. Press and hold the Binding key for 3 or more seconds. The siren will enter binding mode when the Binding LED starts to flash. Release the Binding key.
2. Press and hold the Binding key again for more than 8 seconds until the Binding LED turns off and the siren emits 1 long beep.
3. Release the Binding key and Front LED will flash every 2 seconds indicating the siren is now reset back to factory mode.

Status Indication

The following table lists all operation-related conditions and visual/audible indications for your reference.



Warning:

Do not dispose of electrical appliances as unsorted municipal waste. Please use separate collection facilities instead.
Contact your local government for information regarding the available collection systems.

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

When replacing old appliances, the retailer is legally obligated to take back your old appliances for disposal free of charge.



SHENZHEN EVERSPRING CO., LTD.

www.everspring.com

50 Sect. 1 Zhonghua Rd Tucheng
New Taipei City 236 Taiwan

Status	LED/Strobe	Audible Indication	Explanation
Siren not paired	Front LED flashes once every 2 seconds	One short beep at 10-second interval	Happens after reset to factory
Enter Binding mode by pressing the Binding key	Binding LED illuminates when pressing the Binding key within 3 seconds. Binding LED flashes every 0.5 seconds by pressing the Binding key for more than 3 seconds	After pressing the Binding key, one short beep per second will be emitted. Once 3 seconds is expired, one long beep will be emitted. After that, the siren enters Binding mode	
Binding mode, waiting to bind	Binding LED flashes every 0.5 seconds repeatedly		
Binding successful	Binding LED illuminates for 0.5 seconds then extinguishes	Beep 0.5 seconds	
Binding failed	Binding LED flashes 3 times	3 short beeps	
Installation ok/Power test	Strobe flashes 3 times		Every time after power supply is resumed, press the tamper switch once to activate system
Low battery indication	Front LED flashes at every 20 seconds		

SPECIFICATIONS

Frequency Range	868.35MHz
Battery	6V 1.2Ah Lead acid battery x 1
Siren Volume	Min. 105dBA @1m

*Specifications are subject to change without notice

Transmitter Unit (HA65T)

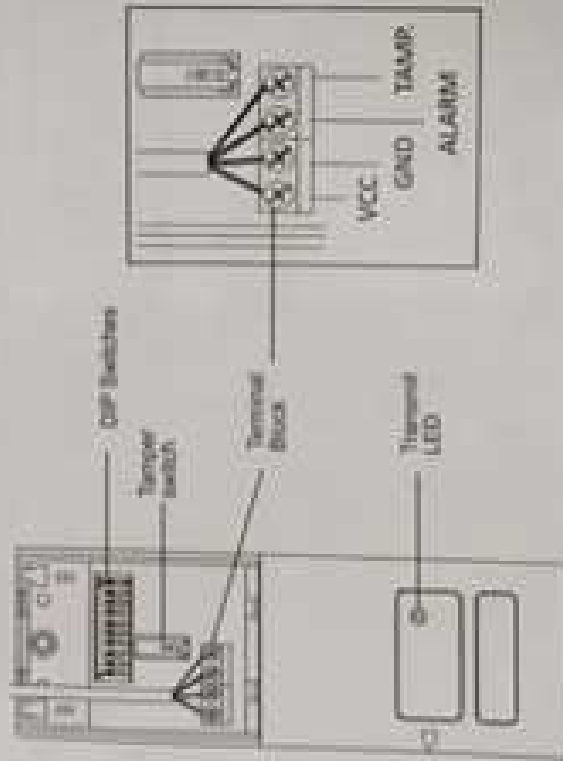
The HA65T acts as a bridge between the Siren and alarm panel. It relays the alarm signal from the panel to the wireless siren. The transmitter is compatible with all standard control panels.



Connecting Transmitter to Alarm panel

The transmitter should be installed close to the alarm panel because it takes its power from the panel.

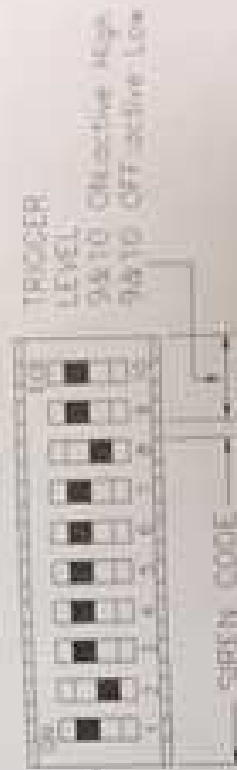
1. Remove the top cover of the transmitter.



Using a 4-wire cable, connect the terminal block to the alarm panel as follows:

Terminal Pins	Direction	Remark
VCC	Input	5V-15V power input from panel
GND	Input	GND from alarm panel
ALARM	Input	External siren output of alarm panel
TAMPER	Output	Tamper return from unit's tamper switch

3. Using a ball point pen set the miniature dip switches 1-8 to a random sequence of ON's and OFF's. (Siren code).



4. Set Dip Switches 9 & 10 to suit the trigger level ALARM terminal.
DIP switches 9 & 10 OFF: ACTIVE LOW
DIP switches 9 & 10 ON: ACTIVE HIGH
Note: Both switches must be set to be the same.
5. Replace the top cover of the transmitter.

Testing the Transmitter

1. Set the Control Panel into alarm so that a full alarm condition occurs.
2. The Transmitt LED on the transmitter should turn on twice for approx. 4 seconds. This confirms the connection to alarm panel is properly set up.
3. Cancel the alarm at the control panel.

Note: If the Transmitt LED does not turn on, try modifying Dip switches 9&10

Binding Siren to Transmitter

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.