



Orvi Pro 700 Wireless Outdoor Solar Siren



User Guide

Please read instructions carefully before use

www.orvi.com.au

Introduction

The Orvi Pro 700 Wireless Outdoor Alarm Siren comes with a built in rechargeable solar powered battery. It can be used as a stand alone siren or as part of a larger home security system paired through the Orvi Pro 100 Alarm Systems.

When combined with Pro 100 Alarm System, Pro 200 Video Door Bell, Pro 400 Motion Sensor and Pro 400/500 Door/ Window sensors, it forms an integral part of your home security system.

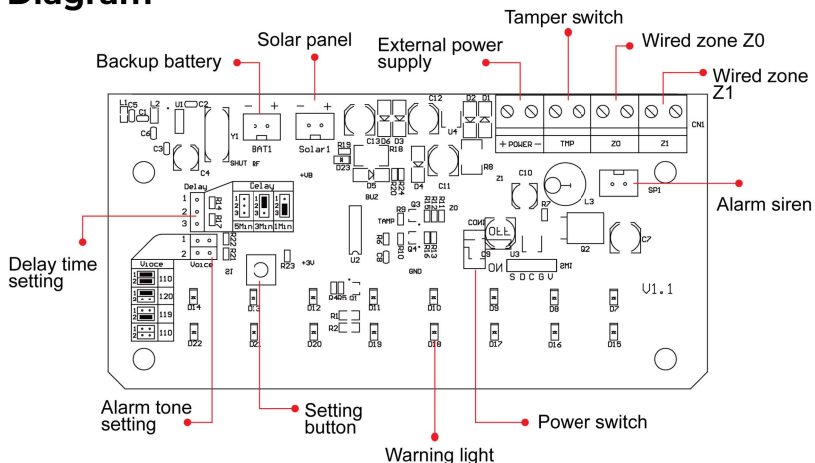
When any detector paired with the Siren is triggered, the alarm panel will immediately sound a high decibel siren and the light will flash to deter unwanted intruders.

Simple to install without the need for hard wiring, it can be quickly paired to other components of the system and be up and running protecting your home.

Specification

- Built-in Battery : DC 3.7V (3.7V/1000mAh) rechargeable lithium battery
- Ext Power Supply : DC6-12V
- Max Output : 5V/150mA
- Standby Time : 60 days (without sunlight)
- Standby Current : <500uA
- Alarm Current : <350mA
- Wireless Frequency : 433MHz (1527 code 330K0)
- RX Sensitivity : 113dBm
- Wired Defense Zones: 2 (Z0,Z1)
- Wireless Zones : 50

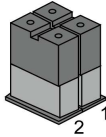
PCB Diagram



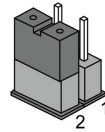
Siren Alarm Tone Setting

Alarm Sound Frequency

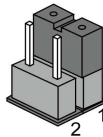
600~1500Hz for
0.333~0.385s (Default)



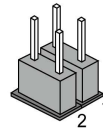
800Hz & 1000Hz for
1.67~2.5s



600~1500Hz for 3~5s

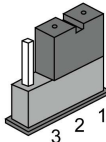


Same as default

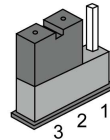


Alarm Sound Delay and Time Setting

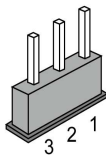
Delayed by 1 minute
(factory default)



Delayed by 3 minute

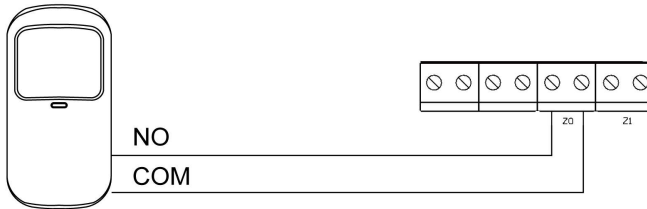


Delayed by 5 minute



Wired Defence Zone

The Orvi Pro 700 Wireless Outdoor Alarm Siren has two wired defence zones, Z0 and Z1. These zones can be wired to detectors by hard wiring. When the wired detector triggers an alarm, the siren will sound and flash.



Note : the wired defence zone of the device only supports normally open wired detection and it is effective in the armed status.

Operation

Work as a Wireless Siren connected to Orvi Pro 100 Alarm Panel

Connect the Orvi Pro 700 siren to the Orvi Pro 100 alarm panel first when it is used as a wireless siren. Once the panel triggers an alarm, the siren will sound and flash.

Pairing with the Orvi Pro 100 Alarm Panel

Press the "SET" button continuously for 2 seconds until you hear the siren beep once. The warning light should now be on indicating that the siren is in pairing mode. Then press "SOS" on the Pro 100 Alarm Panel, when a long beep is heard from the siren and the warning light quickly flashes once, this indicates that pairing with the Alarm Panel has been successful.

When you hear three short beeps and the light flashes three times, this means the siren has been paired.

If there are no further operations made for 20 seconds, the siren will exit pairing mode.

Test

By pressing the SOS key on the Prop 100 Alarm Panel, the siren will sound and flash indicating that the pairing with the panel has been successful.

Working as a stand alone Alarm Host

When the Orvi Pro 700 Siren is connected with wireless detectors, it can function as a stand alone alarm host. When the siren is armed and any other device is triggered, that siren will sound and flash.

Pairing with Wireless Accessories

Press and hold the "SET" button for 2 seconds until the siren beeps once and the warning light comes on indicating that the siren is in pairing mode.

Trigger your wireless accessory to be paired to send a transmission signal to the siren

When a long beep is heard from the siren and the warning light flashes quickly once, this indicates that pairing with the siren has been successful.

When 3 short beeps are heard and the warning light quickly flashes 3 times, this means the accessory has been paired. If there is no further operation for 20 seconds, the siren will automatically exit the pair mode.

Test

Press the "ARM" button on the remote control, you will hear a short beep from the siren, this means the pairing between the remote control and the siren is successful. Alternatively, trigger the detector when the siren is armed, if the siren sounds and flashes, the pairing is successful.



How to arm, home arm, disarm or make an alarm with remote control when paired with Orvi Pro 100 Alarm System

You can use the remote control to quickly away-arm, home-alarm and disarm your home. You can also use the remote to trigger an emergency alarm.

Button	What you hear	What you see	What happens
Arm	Short beep once	Warning light quickly flashes once (and the siren will flash once per 60 seconds)	The alarm sounds when a door or window opens or when there is motion in a room
Home Arm	Short beep once	Quickly flashes onces and the siren will flash once per 60 seconds	The alarm sounds when a door or window opens
Disarm	Short beep twice	Quickly flashes twice	The alarm wont sound
SOS	Alarm sound	Quickly flashes continuously	

Deleting all Wireless Accessories

Press and hold the SET button for 5 seconds, 3 long beeps will be heard and the warning light will also flash 3 times. This indicates that all wireless accessories are deleted from the siren and the siren is no longer paired with the Prop 100 alarm panel.