

## Configuring Climate One

This document describes how to configure the Climate One product from Redshift Wireless

### Quick Start

1. Make sure your Phone/Tablet is connected on 2.4 GHz and is NOT on 5.8 GHz WiFi
2. The WiFi must not use a 'Captive Portal' for devices to work.
3. Download the Spark Core app
4. Register
5. Set up WiFi and stop using the App



### Hardware Versions

Model	Location of Reset Switch	Location of Mode Switch	Location of Secondary Mode Switch
<b>Climate One V0.9</b>	Hidden behind cover Below right	Hidden behind cover Above right	N/A

	LED	LED	
<b>Climate One V1.0</b>	Hidden behind cover Below right LED	Hidden behind cover Above right LED	On back of PCB, where Fitted on most versions of the hardware
<b>Climate Hotel V1.0</b>	Hidden behind cover Below right LED	Hidden behind cover Above right LED	On the back of the PCB where fitted.

## Key Combinations

Operation	Buttons
<b>Configure WiFi</b>	Press Mode until blue flashing light. Then release Mode
<b>Reload Firmware</b>	Press Mode. Apply power to the unit. Wait until the LED flashes white and release Mode. NOTE: The LED will flash yellow first before flashing white.
<b>Load Firmware with USB</b>	Press Mode. Apply power to the unit. Wait until the LED flashes yellow and release Mode. NOTE: You should never need this mode

## Alternate Configuration Method

Apply a USB cable to the PCB. The device will emulate a serial port  
Connect a Terminal Emulator at 9600,8,N,1

## Commands

Keystroke	Description
<b>i</b>	Get DeviceID
<b>w</b>	Configure WiFi#
<b>m</b>	Get MAC address*
<b>1</b>	Test IR *
<b>2</b>	Test IR *

# denotes functions that are only operational in Configure WiFi mode.

\* denotes functions that operate only when not in Configure WiFi mode



## Debugging

The most common reason for being unable to configure the unit is that the mobile device is connected on 5.8 GHz WiFi rather than 2.4 GHz.

In order to get around this, one way is to rename the 5.8 GHz access point name and ensure you are not connected to it. Alternately you can use the USB method of configuring the unit.

## The App

Get the Spark Core app on the Android or Apple App Stores.

This document and the devices that it refers to may be updated at any time. No liability shall be accepted for errors or admissions in this documentation.