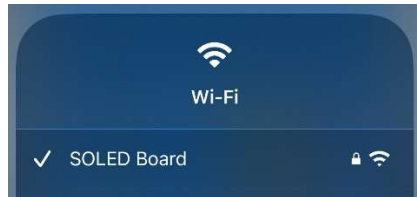


SETUP GUIDE

Before you begin please make sure that you have a **strong signal to a 2.4ghz WiFi** connection

1. Connect the power supply, then wait a few seconds.
2. When all the LEDs on the map pulse, get your smartphone/tablet/wifi-enabled computer, and connect to **“SOLED Board”**. The password is **love2fly**



a.

3. Open your web browser and type this address in the URL: **192.168.4.1**
4. Click “Configure WiFi” on the WiFiManager page:

WiFiManager

SOLED Board

Configure WiFi

Info

Exit

Update

No AP set

a.

5. Your router’s SSID (broadcasted network name) may appear automatically. If it does not, type it manually, followed by the password. Then click “Save”.

SSID

Password

☒ Show Password

Save

a.

i. *Note: The map may appear to freeze for a moment after clicking “Save” before rebooting. This is normal!*

6. You’re all finished! If your credentials were correct, your new SOLED Board will reboot and begin pulling live data from the selected airports. Enjoy!

User Configuration Page

Once the WiFi configuration page has been completed, you will be able to change some settings. Connect once again to **“SOLED Board”** WiFi, and navigate to **192.168.4.1**

*Note: If the “SOLED Board” SSID is not appearing on your device, reboot the map by removing power and plugging it back in. The SSID only broadcasts for the first 15 minutes after power-on.

Here, you will be able to set Night dimming times and brightnesses, daytime (normal) brightness, enable and disable the Windy and Lightning effects, and reset any configurations back to default if you so need!

SOLED Board Settings

Mason in Motion, LLC

Day Brightness (75 is recommended):

Night Brightness (25 is recommended):

☒ Enable Nighttime Dimming

Nighttime Dimming Start (default 22:00): :

Nighttime Dimming End (default 06:00): :

☒ Enable Sleep Mode

Sleep Start (default 01:00): :

Sleep End (default 05:00): :

☒ Enable Windy Effect

Wind Threshold in knots (default 25):

☒ Enable Lightning Effect

[Save](#)

[Demo Mode](#)

[Rainbow Mode](#)

[Reset to Defaults](#)

[Reset WiFi Config](#)

LED LEGEND

	VFR (Flight Category) Solid green	Ceiling >3000 ft and Visibility >5 miles Sky clear
	MVFR (Flight Category) Solid blue	Ceiling 1000-3000 ft and/or Visibility 1-3 miles
	IFR (Flight Category) Solid red	Ceiling 500-1000 ft and/or Visibility 1-3 miles
	LIFR (Flight Category) Solid pink	Ceiling <500 ft and/or Visibility <1 mile
	No Weather Observation Black/no illumination	An airport whose weather reporting is currently unavailable will have no display (black, no illumination) on its LED
	Windy (Condition) Pulsing yellow	An airport observing winds >25 kts (sustained or gusting) will have its LED pulse yellow every 5 seconds
	Lightning (Condition) Flashing white	An airport observing lightning will have its LED flash white every 5 seconds
	Discovery Mode (Condition) Pulse white (all LEDs)	If the SOLED Board is powered on from an unpowered state and cannot connect to WiFi, the map will go into Discovery Mode.
	WiFi Disconnect (Condition) Pulse blue (all LEDs)	If the SOLED Board loses WiFi connectivity while in a powered state, the LEDs will pulse blue until its connection is restored.
	Firmware Update (Condition) Pulse yellow (all LEDs)	If the SOLED Board is updating its firmware, the LEDs will pulse yellow until the update has completed.

FAQ / Support

- I connected to the “SOLED Board” wifi, but cannot get to the configuration page.
 - Double-check that your device is still connected to “SOLED Board”. Many devices tend to roam to their *preferred* networks, so you may just need to reconnect to the Map’s Wi-Fi.
- I typed in my network credentials on the WiFiManager page, but the SOLED Board is still showing “discovery mode” (lights pulsing).
 - Re-launch the WiFiManager page and try typing in your network’s credentials again. Incorrect credentials will put the SOLED Board back into discovery mode.
- I can no longer find “SOLED Board” WiFi SSID.
 - Simply reboot (disconnect power and then reconnect power) your SOLED Board. By design, the “SOLED Board” SSID is scheduled to no longer broadcast 15 minutes after boot up. This is so the WiFi does not interfere with your devices on a regular basis.
- There’s one (or more) LEDs that are out!
 - If an airport is not currently broadcasting a weather observation (AWOS/ASOS out of service, etc.), then the LED will not emit any light. Wait some time for the airport to report its weather observation again, and the LED should illuminate.
 - *Note: If the airport has not had a weather observation in a long time and repair of their AWOS/ASOS does not seem timely, we can adjust so that LED pulls weather from a nearby airport. Contact Kyle for more information.*
- All the lights are pulsing white!
 - The SOLED Board will automatically go into discovery mode if its known Wi-Fi network(s) are unavailable following a power failure.
 - Check to make sure your router’s Wi-Fi is broadcasting correctly, that your internet connection is working, and that your router’s credentials have not changed.
- All the lights are pulsing blue!
 - The SOLED Board will automatically go into discovery mode if its known Wi-Fi network(s) are unavailable while the map is still powered on.
 - Check to make sure your router’s Wi-Fi is broadcasting correctly, that your internet connection is working, and that your router’s credentials have not changed.
- I have another question or comment that’s not listed here.
 - Please feel free to email me at < kylemasoncfi@gmail.com > !