The Original Solar Flag Lamps

Quick Start Guide

FLAGLAMPS.COM

RGBW LED LIGHTS & BLUETOOTH SPEAKERS

FLAGLAMPS.COM

Quick Start Guide (English)

Introduction

Thank you for your interest in us! We are the home of The Original Solar Flag Lamps.

Your flags, pennants, banners, signage and equivalents are as important to us as they are to you. That's why we design and offer products with one thing in mind, to make your hanging decorations stand out with vivid lights and music.

You can customize your celebrations throughout the year!

Package Contents

Qty	Item	
1	**The Original Solar Flag Lamps (RGBW LED Lights with Built-in Bluetooth Speakers)**	
2	**Custom Clamps and ONE 3/32" Hex Tip Wrench**	
2	**Clamp Set Screws, Stainless Steel, 10-32 Thread, 1/2" Long (Used with our Custom Clamps to secure unit to a House/Structure mounted flag pole)**	
2	**Clamp Set Screws, Stainless Steel, 10-32 Thread, 1" Long (Used with our Custom Clamps to secure unit to a Garden Flag Stand)**	
1	**Custom IR Remote Controller**	
2	**Garden Flag Stand Clamp Bushings (Used with our Custom Clamps to secure unit to a Garden Flag Stand)**	
1	**AC/DC Power Converter Adapter**	
1	**Quick Start Guide and Safety, Use & Care Instructions Manual**	

How To Videos and Support

To view how to install videos: https://flaglamps.com/pages/how-to-install-and-use

To contact us: https://flaglamps.com/pages/contact-us

Outdoor Use and Care

Designed to IPX4 standards, The Original Solar Flag Lamps are water-resistant and protected against splashing water in any direction, such as light rain or light water spray. Please review the below tips to get the best performance from The Original Solar Flag Lamps.

- **Bring The Original Solar Flag Lamps indoors during extreme weather.**

- **DO NOT place The Original Solar Flag Lamps in standing water.**

- **The Original Solar Flag Lamps are intended to be used outdoors with maximum exposure to the sun for optimal in-unit battery recharging.**

- **Cleaning of solar panels is generally not necessary unless you are using The Original Solar Flag Lamps under trees or in an area with high amounts of smog, dust, dirt, or sand blowing around which can lower production of solar power. In these cases, use a damp cloth to clean the solar panels as necessary.**

- **Keep the solar panels free of all obstructions and debris.**

- **Use of the included AC/DC Adapter may be required in these cases:**

  o **Extended use of the built-in speakers.**

  o **Consecutive days of inclement weather prohibiting a full day of sunlight to recharge the unit.**

  o **Extended periods of time with your installed flag becoming blown over and around the unit, prohibiting sunlight to reach the unit's solar panels and recharging the unit.**
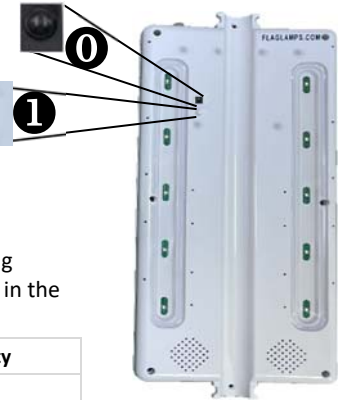
Setup

1. Ensure all items listed in the **Package Contents** are included in the package.

2. Read the **Safety, Use & Care Instructions Manual** before using the product.

3. **Ensure the battery is completely charged prior to first use for maximum battery life.**
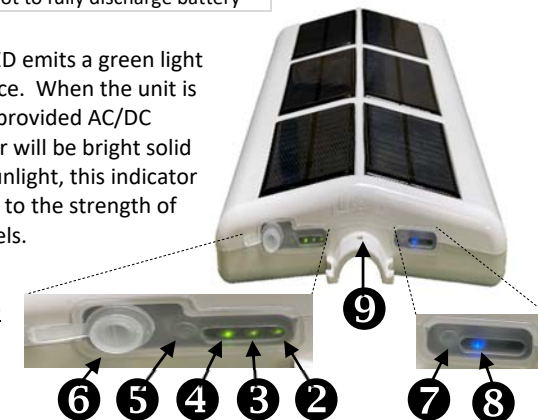
Features

0 **IR Receiver:** Pointing IR Remote Control here to select light theme settings while in Light Theme Mode.

1 **Main Power Button**: Press this button to power The Original Solar Flag Lamps ON and Off.

2 **Main Power-On Indicator**: This Green LED light will be ON or OFF based on the Main Power Button position.

3 **Battery Level Indicator**: This LED light reflects the following colors, respective to the estimated charge level remaining in the unit's on-board Lithium-Ion rechargeable battery pack.

Battery Level Indicator	~ Remaining battery capacity
GREEN	100% to 56%
YELLOW	55% to 26%
ORANGE	25% to 10%
RED	9% to 2%
Auto-Off	Designed not to fully discharge battery

4 **Charging In-Progress Indicator**: This LED emits a green light respective of the detected power source. When the unit is plugged into a power outlet using the provided AC/DC power converter adapter, this indicator will be bright solid green. When the unit is outdoors in sunlight, this indicator will reflect a shade of green respective to the strength of the sun shining on the unit's solar panels.

NOTE: The Main Power Button **1** must be set to ON in order to recharge the unit. This indicator will stop emitting a green light once the unit is fully charged.

❺ Run-Time Button: Press and hold this button for 5 seconds, to enter Programming Mode. The Battery Level Indicator ❸ will begin to blink, to show the current run-time setting.

Available Run-Time Settings	Unit's run-time	Default Run-Time Setting Information
1, 2, 3, 4, 5, and 6 short blinks	1, 2, 3, 4, 5, and 6 hours respectively	➢ **The default run-time setting is 6 hours.** ➢ **Using the Power Button will set the run-time to the default run-time setting.**
One long blink	All night	

Changing the default run-time setting: While in run-time Programming Mode, quickly press/release this button to toggle through the available run-time settings. Stop at your desired setting. Programming mode will save your selection and exit after 60 seconds from the last press of the button. Run-time timer begins each time a dusk condition is auto-sensed. A dusk condition can either be actual night time, a darkened room or covering the solar panels with dark cloth.

❻ AC/DC Power Adapter Port: Use the provided AC/DC power converter adapter to connect to this port for convenient charging of the unit's on-board Lithium-Ion battery pack. **NOTE**: The port plug attached to the AC/DC Power Adapter Port must be kept in this port while NOT in use. Read the **Safety, Use & Care Instructions Manual** for more details.

❼ Bluetooth Speakers Power Button: Press this button to power ON/OFF the built-in Bluetooth speakers. The unit's default setting is to be OFF. The unit will wait 10-minutes to pair each time it is pressed. It will turn OFF when pairing is lost or not achieved.

❽ Bluetooth Speakers Indicator: Once Bluetooth Speakers Power is turned ON, this LED emits a quick blinking blue light to signify unit is ready for pairing. In the Settings section of your smart phone, turn ON Bluetooth, then connect your smart phone to the *FlagLamp Music* Bluetooth device. Once connected, this indicator will emit a solid blue light. It will slowly blink while streaming music to the unit, and turn off if unpaired.

❾ Fastener Neck: The Original Solar Flag Lamps have Fastener Necks on each end of the unit, to be used with our Custom Clamps to secure the unit to either a house/structure mounted flag pole or a garden flag stand.

RGBW LED Light Programming Features

Setting Run Time: See the Run-Time Button Instructions in the **Features** section.

IMPORTANT NOTE: The RGBW LED lights of this unit will NOT turn on while the unit is in a charging condition. Charging conditions are when either of these cases is true:
- Solar panels are detecting a light source capable of charging the unit.
- The provided AC/DC Power Converter Adapter is connected to the unit's AC/DC Power Adapter Port.
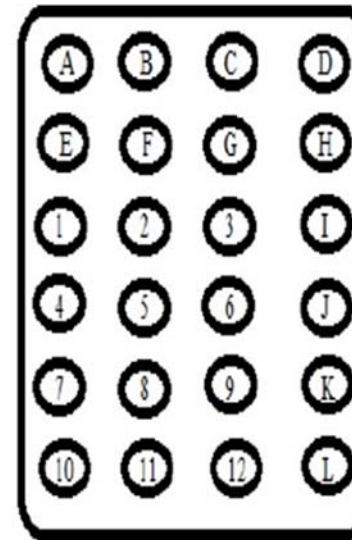
This is a design feature. The LED lights are designed only to illuminate in dusk/dark conditions AND while not in a charging condition.

Light Theme Mode: This mode enables use of the provided Custom IR Remote Controller to select desired light themes. There are two conditions that activate Light Theme Mode:
1) **Detection of a dawn to dusk condition**
2) **Master Power OFF then ON**

IMPORTANT NOTE: Light Theme Mode deactivates after 15 minutes of NO remote-control ❸ activity and can be reactivated in one of the two ways described above.

Diag. 1   **Diag. 2**

Buttons (Diag. 1)	Light Theme Effects (Diag. 2)
E, F, G, H, 1-9, 12	**Color-Choices** as shown in Diag. 2
10	**Candle Flame Effect**
11	**Rainbow Colors Effect**
A	**Brightness Level**: Toggles all LED through 5 preset brightness levels
B	**One-Side Brightness Level**: Use when seeking to toggles all LEDs through 5 preset brightness levels on only one side of the unit while leaving the other side of the unit at the current Brightness Level setting.
C, D	**Logical OFF/On**: Sets the unit's LED lights either on/off when a dusk condition is detected. Does not affect the unit's Main Power setting.

Buttons (Diag. 1)	Light Theme Effects (Diag. 2)
I	**FLASH Effect:** Toggles all EFFECT LEDs through 5 preset blinking speeds each time pressed.
J	**STROBE Effect:** Toggles all EFFECT LEDs through 9 preset strobe patterns. **Strobe Flash patterns:** 1) **Random (Default)** 2) **Single (Split - between both sides of the unit's LED strips)** 3) **Double (Split - between both sides of the unit's LED strips)** 4) **Ultra (Split - between both sides of the unit's LED strips)** 5) **Single H/L (Both sides of the unit's LED strips)** 6) **ECE R65 single (Both sides of the unit's LED strips)** 7) **Single (Both sides of the unit's LED strips)** 8) **Single Quad (Both sides of the unit's LED strips)** 9) **Steady 4 (Both sides of the unit's LED strips)**
K	**FADE Effect:** In a repeating cycle, fades all EFFECT LEDs from on to off.
L	**SHIFT "Two Colors" Effect**: When pressed will cause one side of unit's LED strips to be set to next **Color-Choice** button pressed, while the other side of the unit remains at the current **Color-Choice** setting. This feature can be used alone or with any Flash, Strobe and Fade Effects

Steady on	EFFECT	Steady on	EFFECT	Steady on

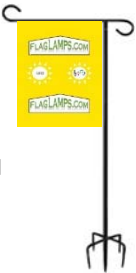| Steady on	EFFECT	Steady on	EFFECT	Steady on

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Installation

The Original Solar Flag Lamps are designed for installing onto a house/structure mounted flag pole or the cross bar of a garden flag stand, with 1" and .31" diameters respectively.
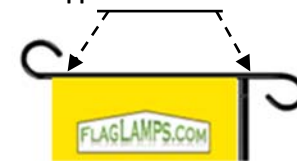
Installing onto a Garden Flag Stand (GFS)
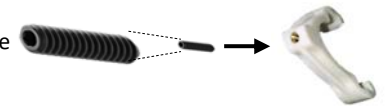
Tool needed: 3/32" Hex Tip Wrench

Before you begin, complete the steps in the **Setup Section**.

1. Install your garden flag onto your GFS. Using the guidance in the **Outdoor Use and Care** section, install your GFS in a location where you wish to display your special flags and listen to your music too.

2. Place the provided Clamp Bushings onto **opposite ends** of the horizontal bar of the GFS.
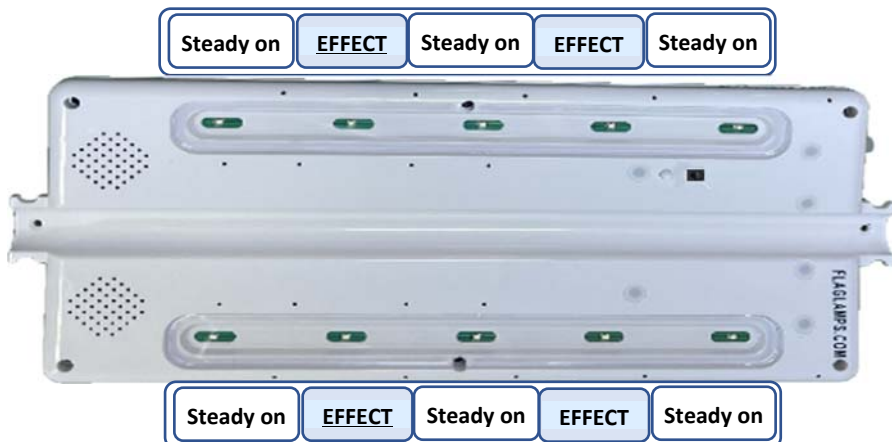

3. Install the provided 1" Clamp Set Screws into each of the Custom Clamps.

4. Place your unit onto the horizontal bar of the GFS. Take care that the Clamp Bushings are under each of the Fastener Necks.

5. Place the provided Clamps onto the Fastener Necks of your unit and secure with a 3/32" hex tip wrench.
*** DO NOT OVER TIGHTEN ***

6. The manufactured default setting for the LED light feature is six hours, once a dusk condition is detected. In the **Features** section, see **Run-Time Button** instructions to change this default setting.

Installing onto a House/Structure Mounted Flag Pole
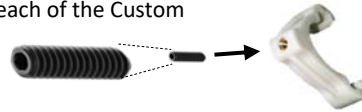
<u>Tool needed: 3/32" Hex Tip Wrench</u>

Before you begin, complete the steps in the **Setup Section**.

1. Place your unit on a flat stable surface, and place your house/structure mounting flag pole in the unit's center channel. Take care that the unit is approximately six (6) inches from the end of the flag pole.

2. Install the provided 1/2" Clamp Set Screws into each of the Custom Clamps.

3. Place the provided Clamps onto the flag pole and <u>slide the Clamps</u> over the unit's Fastener Necks.

4. Using 3/32" hex tip wrench, tighten the Clamp Set Screws to secure unit.

*** DO NOT OVER TIGHTEN ***

5. The manufactured default setting for the LED light feature is six hours, once a dusk condition is detected. In the **Features** section, see **Run-Time Button** instructions to change this default setting.

6. Install your flag onto your flag pole. Using the guidance in the **Outdoor Use and Care** section, install your flag pole in a location where you wish to display your special flags and listen to your music too.