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VAVOFO VF-PL001

VAVOFO VF-PL001 Rechargeable Mini Grow Light with Planter Instruction Manual

Introduction

Thank you for choosing the VAVOFO VF-PL001 Rechargeable Mini Grow Light with Planter. This device is designed to provide optimal lighting conditions for your indoor plants, featuring a full spectrum LED light, adjustable height, and an automatic timer. This manual provides detailed instructions for setup, operation, and maintenance to ensure the best results for your plants.



A VAVOFO mini grow light with a green planter, suitable for indoor plants.

Product Components

Before assembly, please ensure all components listed below are present in your package:

- LED Lamp Holder (with control panel)
- Telescopic Rod
- Hydroponic Base / Planter
- Water Storage Cup
- Sponge (for hydroponic mode)
- Filter (for hydroponic mode)
- Type-C USB Charging Cable

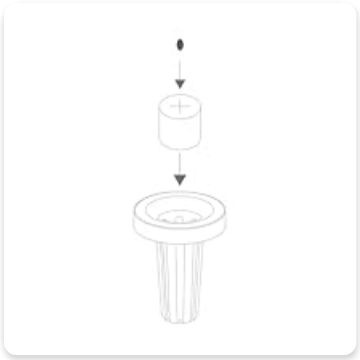


An exploded diagram illustrating the components of the VAVOFO mini grow light, including the lamp holder, telescopic rod, sponge, filter, hydroponic base, and water storage cup.

Setup Instructions

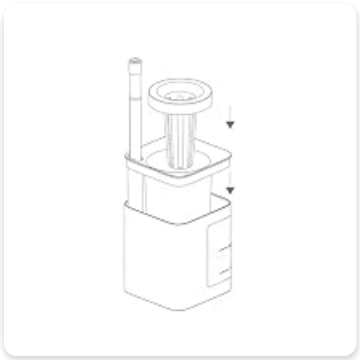
A. Hydroponic Mode Setup

1. **Insert Sponge:** Place the provided sponge into the hydroponic planting basket. This will hold your plant's roots.



A diagram showing the sponge being placed into the hydroponic planting basket.

2. **Assemble Filter:** Insert the filter into the hydroponic base. This filter helps regulate water flow to the plant.



A diagram illustrating the filter being inserted into the hydroponic base, which connects to the water storage cup.

3. **Add Water:** Fill the water storage cup with water and appropriate plant nutrients (not included) up to the 'Max water level' line.

A diagram showing water being poured into the planter's water storage cup, indicating the maximum water level.

4. **Attach Light:** Securely attach the LED lamp holder to the top of the telescopic rod. Place your plant in the hydroponic basket.



A diagram showing the LED lamp holder being attached to the top of the telescopic rod, positioned above a plant.

B. Soil Culture Mode Setup

1. **Remove Filter:** For soil culture, remove the filter from the hydroponic base.



A diagram showing the filter being removed from the planter, which is necessary for soil culture mode.

2. **Add Soil:** Fill the planter directly with your preferred potting soil.



A diagram illustrating soil being added directly into the planter for soil-based plant cultivation.

3. **Plant:** Place your plant into the soil.



A diagram showing a plant rooted in soil within the planter.

4. **Attach Light:** Securely attach the LED lamp holder to the top of the telescopic rod, positioning it above your plant.



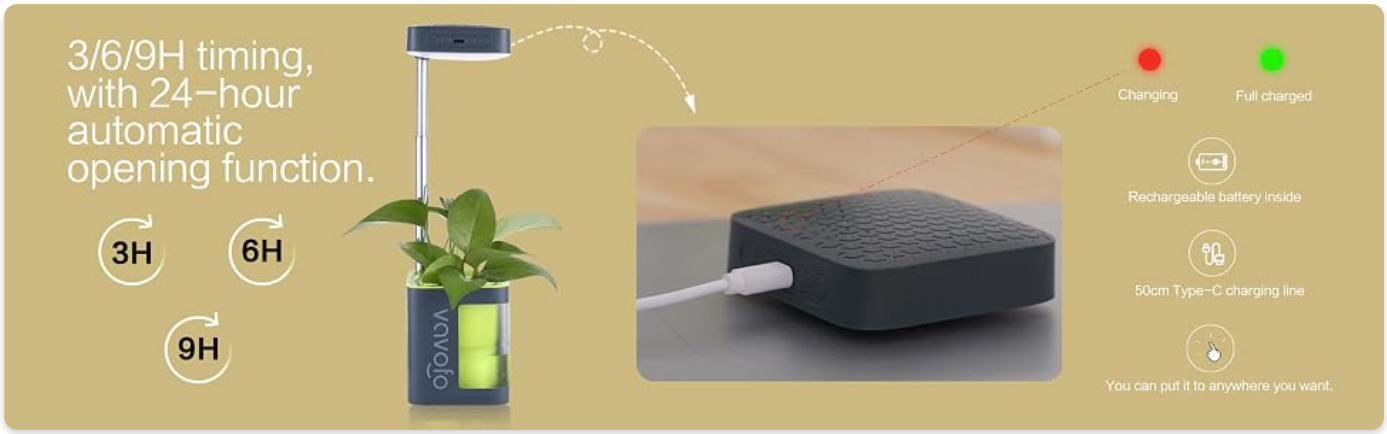
A diagram showing the LED lamp holder attached to the telescopic rod, positioned above a plant in soil.

Operating Instructions

A. Power On/Off & Charging

- **Power Button:** Press the power button on the lamp holder to turn the light on or off.

- **Charging:** Connect the provided Type-C USB cable to the charging interface on the lamp holder and a suitable USB power source. The indicator light will show red while charging and green when fully charged. A full charge provides approximately 10 hours of light in full spectrum mode.



An image detailing the control panel on the lamp holder, showing the power switch, charging interface (Type-C), timing buttons (3H, 6H, 9H), and buttons for changing color and brightness. It also indicates charging status lights.

B. Light Modes & Brightness

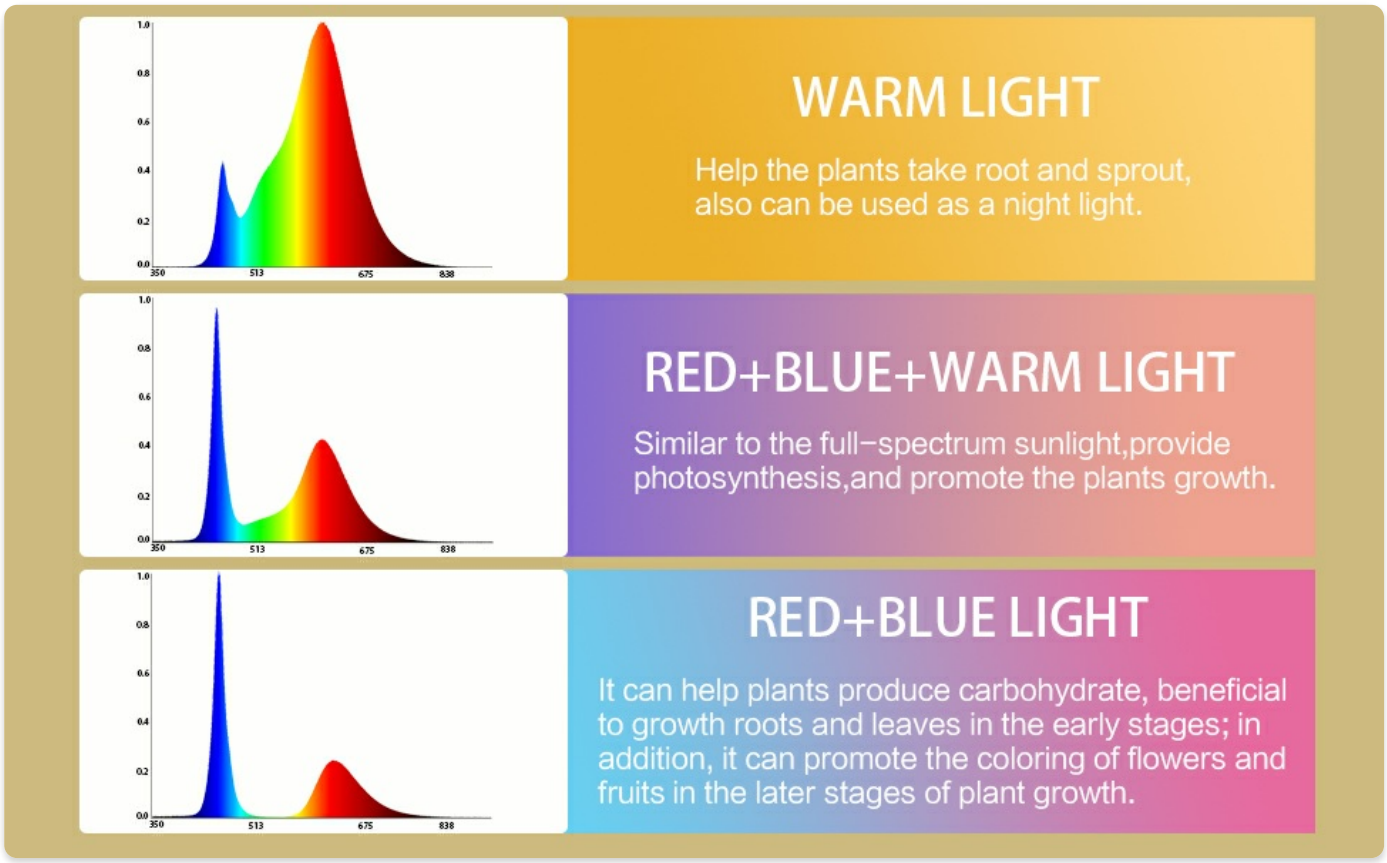
Press the 'Change color' button to cycle through the available light spectrums:

- **Warm Light:** Helps plants root and sprout. Can also be used as a night light.
- **Red + Blue Light:** Beneficial for root and leaf growth in early stages, and promotes flowering and fruiting in later stages.
- **Red + Blue + Warm Light (Full Spectrum):**Mimics natural sunlight, providing comprehensive photosynthesis for overall plant growth.

Use the 'Change brightness' button to adjust the light intensity to suit your plant's needs.



This image displays the grow light operating in Warm Light, Red+Blue Light, and Red+Blue+Warm Light (full spectrum) modes, along with their approximate working times on a full charge.



This image illustrates the different light spectrums (Warm Light, Red+Blue+Warm Light, Red+Blue Light) and their specific benefits for plant growth, such as rooting, photosynthesis, and flowering.

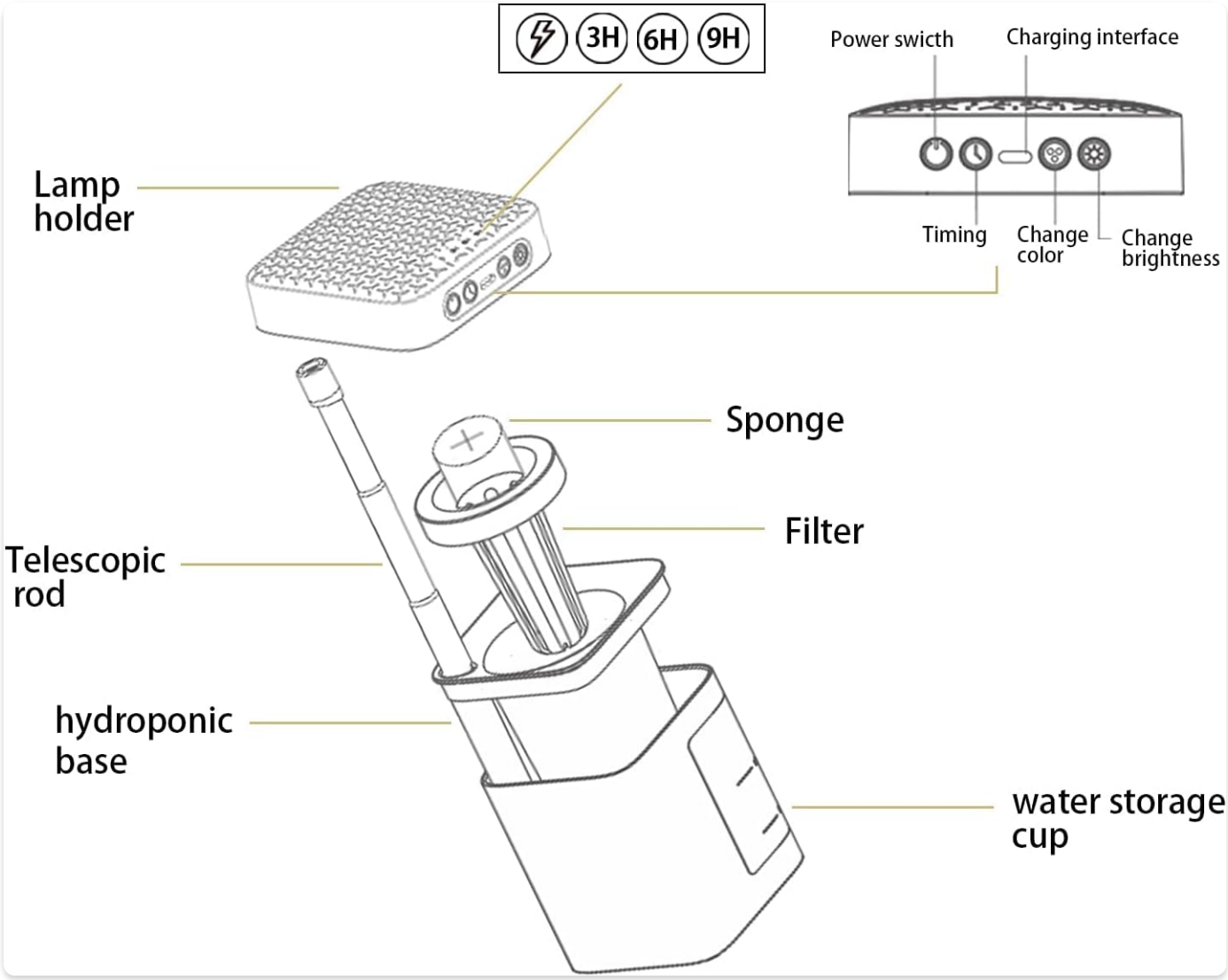
C. Timer Function

The grow light features an automatic timer with a 24-hour cycle. Press the 'Timing' button to select the desired duration:

- **3H:** Light will stay on for 3 hours and then turn off, automatically restarting after 21 hours.
- **6H:** Light will stay on for 6 hours and then turn off, automatically restarting after 18 hours.
- **9H:** Light will stay on for 9 hours and then turn off, automatically restarting after 15 hours.

D. Height Adjustment

The telescopic rod allows you to adjust the height of the grow light to accommodate different plant sizes. The maximum adjustable height is approximately 7.87 inches (20 cm).



A hand demonstrating the adjustable height feature of the grow light, showing the telescopic rod extended to its maximum height of 7.87 inches (20 cm).

E. Product Video

Your browser does not support the video tag.

An official VAVOFO video demonstrating the features of the mini plant grow light, including its adjustable height, different light modes, and timer function.

Maintenance

- **Cleaning:** Wipe the lamp holder and planter with a soft, damp cloth. Do not submerge the electrical components in water.
- **Water Level (Hydroponic Mode):** Regularly check the water level in the storage cup and refill as needed to ensure your plants receive sufficient hydration and nutrients.
- **Battery Care:** For consistent performance, it is recommended to recharge the device every 2 days if used continuously on high brightness or longer timer settings.

Troubleshooting

- **Light Not Turning On/Charging:**
  - Ensure the Type-C USB cable is securely connected to both the lamp holder and a working power source.
  - Verify the power source is active.

- Allow the device to charge for at least 2-3 hours if the battery is completely depleted.

- **Short Battery Life:**
  - Battery life is affected by brightness level and timer duration. Higher brightness and longer timer settings consume more power.
  - Frequent recharging (e.g., every 2 days) is recommended for continuous use.

- **Poor Plant Growth:**
  - Ensure the correct light spectrum is selected for your plant's growth stage.
  - Verify adequate water and nutrient supply (for hydroponic mode) or proper soil conditions (for soil culture mode).
  - Adjust the light height to ensure optimal distance from the plant canopy.

Specifications

Model Number	VF-PL001
Brand	VAVOFO
Product Dimensions	3.35"D x 3.35"W x 7.87"H
Item Weight	0.39 Kilograms
Light Source Type	LED (Full Spectrum)
Power Source	Battery Powered (Rechargeable via Type-C USB)
Voltage	5 Volts
Control Method	On-device buttons (Power, Timer, Color, Brightness)
Additional Features	Adjustable Height, Automatic Timer (3H/6H/9H), Cordless
Indoor/Outdoor Usage	Indoor

Warranty and Support

For warranty information, technical assistance, or any questions regarding your VAVOFO VF-PL001 Mini Grow Light, please contact VAVOFO customer service through the retailer where the product was purchased or visit the official VAVOFO website for support resources.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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