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> VARMHUS Submersible LED Aquarium Light Instruction Manual

## VARMHUS 15" Colorfull&Timing

# VARMHUS Submersible LED Aquarium Light Instruction Manual

Model: 15" Colorfull&Timing

Brand: VARMHUS

## PRODUCT OVERVIEW

The VARMHUS Submersible LED Aquarium Light is designed to create a vibrant and realistic underwater environment for your aquatic pets. This light features a 3-stage timer for automated operation, a remote controller for custom color and brightness adjustments, and a 24/7 cycle mode. It utilizes upgraded RGB light beads for vivid colors and is fully waterproof with an IP68 rating, ensuring safe and reliable use within your fish tank.

Key features include:

- **Timing & Cycle:** Offers 4, 8, or 12-hour day and night cycles with 24/7 auto turn on/off functionality.
- **Colorful & Remote Control:** A 21-key remote provides 13 colors and 2 modes (flash/fade) for diverse lighting effects.
- **Energy Saving & Upgraded LED:** Brighter, long-lasting RGB LEDs provide full spectrum light for aquatic plants and fish.
- **More Waterproof & Easy to Install:** IP68 waterproof rating allows full submersion. Strong suction cups ensure secure placement.
- **Safer Design:** Constructed with a highly transparent and explosion-proof acrylic lampshade, operating at a safe 12V low voltage.



Figure 1: Overview of the VARMHUS Submersible LED Aquarium Light, including the light bar, inline controller, power adapter, and remote control.

## SETUP AND INSTALLATION

Follow these steps to properly set up your VARMHUS Submersible LED Aquarium Light:

1. **Unpack Components:** Carefully remove all items from the packaging. Ensure you have the LED light bar, inline controller, power adapter, and remote control.
2. **Choose Placement:** Determine the desired location for the light bar within your aquarium. The light can be fully submerged or placed above the water line, depending on your preference and tank setup.
3. **Attach Suction Cups:** The light bar comes with strong suction cups. Attach these to the light bar and then firmly press

them onto the clean, dry glass surface of your aquarium. Ensure a secure attachment to prevent the light from moving.

4. **Connect Components:** Connect the LED light bar to the inline controller. Then, connect the inline controller to the power adapter. Ensure all connections are secure and fully seated.
5. **Power On:** Plug the power adapter into a suitable electrical outlet. The light should illuminate, indicating a successful connection.

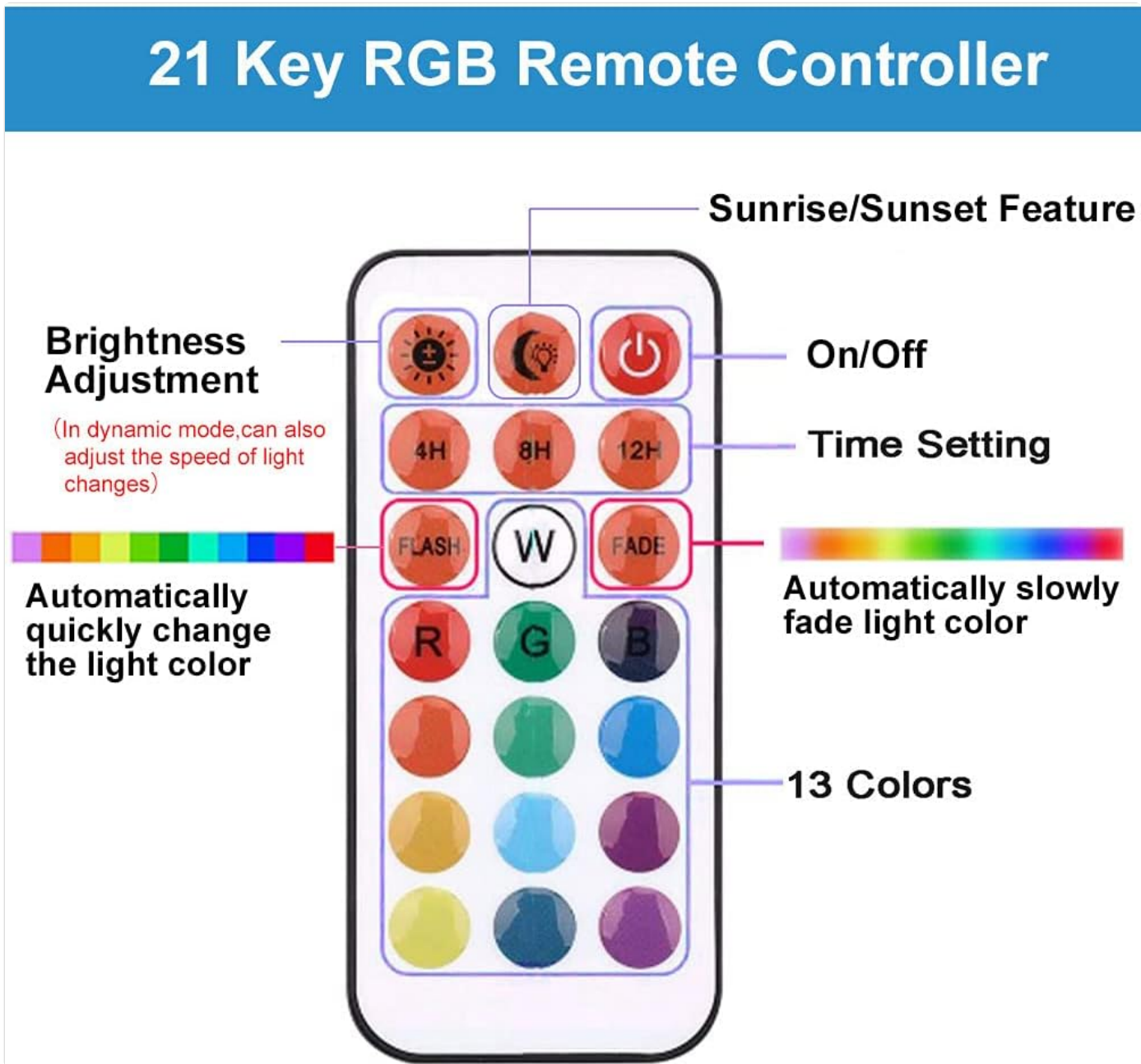


Figure 2: The light bar with its power cable and inline controller, ready for connection to the power adapter.

## Full Waterproof and Upgrade Material

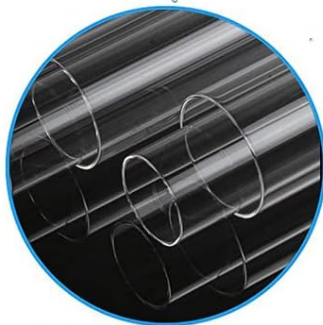
Three-layer sealed protection design, IP68 Waterproof Level, can be immersed in water. Safe Reliable and Movable.



High quality RGB  
5050 LEDs



Powerful suction cup, position  
can be adjusted at will



High light transmission and  
explosion-proof acrylic tube



Figure 3: Close-up of the light bar demonstrating its IP68 waterproof rating and the powerful suction cups for secure installation.

### Installation Demonstration Video

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Video 1: This video demonstrates the installation process of the VARMHUS Submersible LED Aquarium Light, showing how to attach it securely to the aquarium glass and connect the power components.

### OPERATING INSTRUCTIONS

Your VARMHUS aquarium light can be operated using both the inline controller and the included 21-key remote control.

#### Using the Remote Controller

The remote control provides comprehensive control over the light's functions:

- **Power On/Off:** Use the **Power** button to turn the light on or off.

- **Brightness Adjustment:** Use the **Sun/Moon** buttons to increase or decrease the light brightness.
- **Color Selection:** Choose from 13 vibrant colors using the dedicated color buttons (e.g., Red, Green, Blue, White, etc.).
- **Mode Selection:**
  - **FLASH:** Automatically cycles through colors quickly.
  - **FADE:** Automatically cycles through colors with a smooth fading transition.
- **Timer Setting:** Select a lighting duration of **4H**, **8H**, or **12H**. Once set, the light will automatically turn on/off at the same time every day, operating on a 24/7 cycle.



Figure 4: Detailed layout of the 21-key remote controller, showing buttons for power, brightness, time settings, color selection, and flash/fade modes.

### Using the Inline Controller

The inline controller provides basic control and timer functions:

- **Time Setting:** Buttons for 4H, 8H, and 12H cycles.
- **Brightness Adjust:** Buttons to increase or decrease brightness.
- **Color Selection:** Button to cycle through available colors.

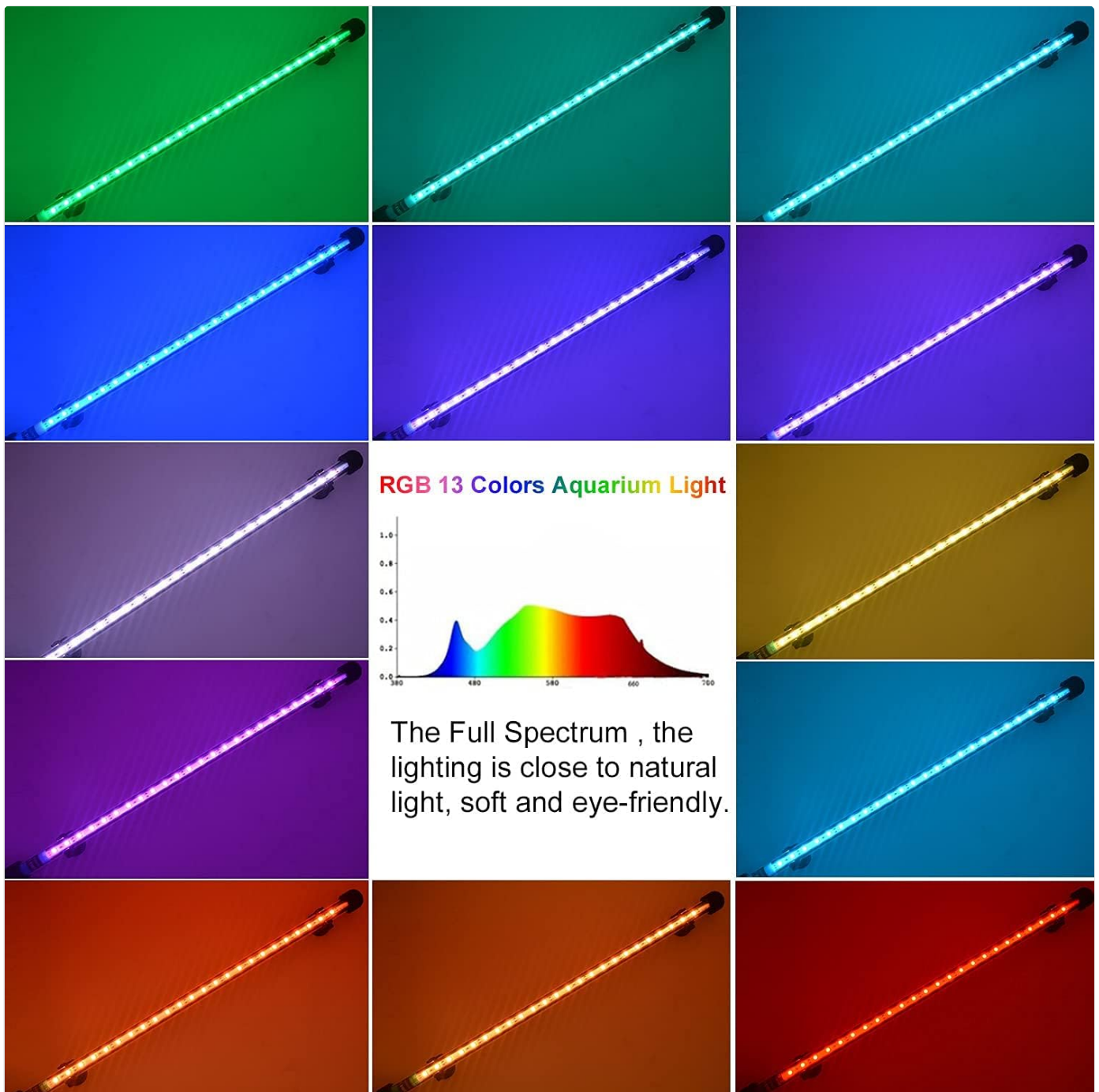


Figure 5: The inline controller, illustrating its functions for time setting, brightness adjustment, and color selection.

## Color and Brightness Demonstration Video

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Video 2: This video showcases the various color options and brightness levels of the VARMHUS LED Aquarium Light, demonstrating its full spectrum RGB capabilities.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your aquarium light.

- **Cleaning:** The acrylic lampshade is designed for easy cleaning. Regularly wipe the light bar with a soft, damp cloth to remove algae or mineral buildup. Ensure the light is unplugged before cleaning.
- **Inspection:** Periodically inspect the power cord, inline controller, and light bar for any signs of damage, such as frayed wires or cracks. If any damage is observed, discontinue use immediately and contact customer support.
- **Suction Cup Check:** Ensure the suction cups remain firmly attached to the aquarium glass. Re-attach them if they become

loose.

## TROUBLESHOOTING

If you encounter issues with your VARMHUS aquarium light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, remote battery dead.	Check if the power adapter is securely plugged into the outlet. Ensure all connections (light bar to inline controller, inline controller to power adapter) are firm. Replace the remote control battery if necessary.
Remote control is unresponsive.	Dead battery, obstruction, remote not aimed correctly.	Replace the remote battery. Ensure there are no obstructions between the remote and the inline controller's signal receiver. Aim the remote directly at the inline controller.
Light is not bright enough.	Brightness setting too low, tank size mismatch.	Increase brightness using the remote or inline controller. Ensure the light's size is appropriate for your aquarium's dimensions.
Condensation inside the light bar.	Seal compromise (rare).	While the light is IP68 rated, if condensation occurs, discontinue use and contact customer support for assistance.

## SPECIFICATIONS

Feature	Detail
Model	15" Colorfull&Timing
Brand	VARMHUS
Light Source Type	LED
Material	Acrylic
Voltage	12 Volts
Waterproof Rating	IP68
Timer Settings	4H, 8H, 12H (24/7 cycle)
Colors	13 colors (RGB)
Modes	Flash, Fade
Control Method	Remote Control, Inline Controller
Item Weight	8.4 ounces
Package Dimensions	16.18 x 3.23 x 1.73 inches
Included Components	Remote Control

## WARRANTY AND SUPPORT

VARMHUS is committed to providing high-quality products. For any questions, concerns, or technical support regarding your

Submersible LED Aquarium Light, please contact VARMHUS customer service. Please retain your proof of purchase for warranty claims.

For further assistance, visit the official VARMHUS store on Amazon: [VARMHUS Store](#)

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