AQQA AQ090-12W

AQQA LED Aquarium Light User Manual

Model: AQ090-12W

1. INTRODUCTION

Thank you for choosing the AQQA LED Aquarium Light. This light is designed to provide optimal illumination for your aquatic environment, supporting both fish and plant life with its full spectrum capabilities. It features advanced modes like 24/7 natural simulation and a customizable DIY mode, along with IP68 waterproof rating for reliable performance. Please read this manual carefully before use to ensure proper installation and operation.

The AQQA LED Aquarium Light, showcasing its sleek design and integrated controller.

2. WHAT'S IN THE BOX

Please check the package contents upon opening:

- 1 x AQQA LED Aquarium Light
- 1 x AC/DC Adapter
- 2 x Metal Brackets (Extendable)
- 1 x User Manual (This document)

3. SETUP INSTRUCTIONS

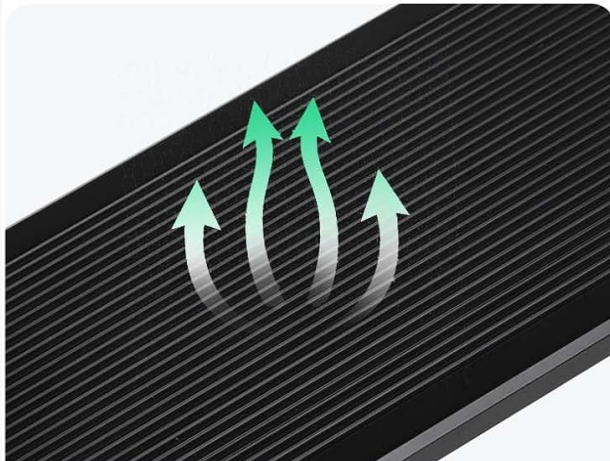Follow these steps to set up your AQQA LED Aquarium Light:

1. **Attach Brackets:** Slide the two metal brackets onto each end of the LED light fixture. Ensure they are securely fitted.

2. **Adjust Length:** Extend the brackets to match the length of your aquarium. The brackets are designed to fit various tank sizes within the specified range (e.g., 12-18 inches for the 12W model).

3. **Position Light:** Place the light fixture on top of your aquarium, resting the extended brackets on the tank edges. Ensure the light is centered and stable.

4. **Connect Power:** Connect the AC/DC adapter to the light fixture's power input, then plug the adapter into a standard electrical outlet.

High Quality Aquarium Light

Adjustable extendable brackets

Aluminum alloy shell fast heat dissipation

Premium 5050 and 2835 LEDS

The adjustable extendable brackets allow for flexible installation on various aquarium sizes.

4. OPERATING INSTRUCTIONS

Your AQQA LED Aquarium Light offers versatile operating modes to suit your needs.

4.1. DIY Mode

The DIY mode allows you to customize the light color, brightness, and timer settings. Use the integrated controller for adjustments.
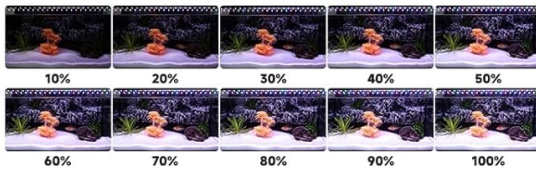
DIY Mode
Flexibly adjust as needed

① ON/OFF&Lighting Options Button

(Press and hold ⏱**3**ˢ 3 seconds to turn off light. Press twice quickly to enter auto color cyle mode.)

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(red- green- blue- orange- cyan- yellow- purple- color gradient -full spectrum light)

② Brightness Options Button

(10 levels of light brightness: 10%- 20%- 30%- 40%- 50%- 60%- 70%- 80%- 90%- 100%)

10%	20%	30%	40%	50%
60%	70%	80%	90%	100%

③ Timer button

(Press the button to set 6H, 10H, 12H.)

⏰ 6H   ⏰ 10H   ⏰ 12H

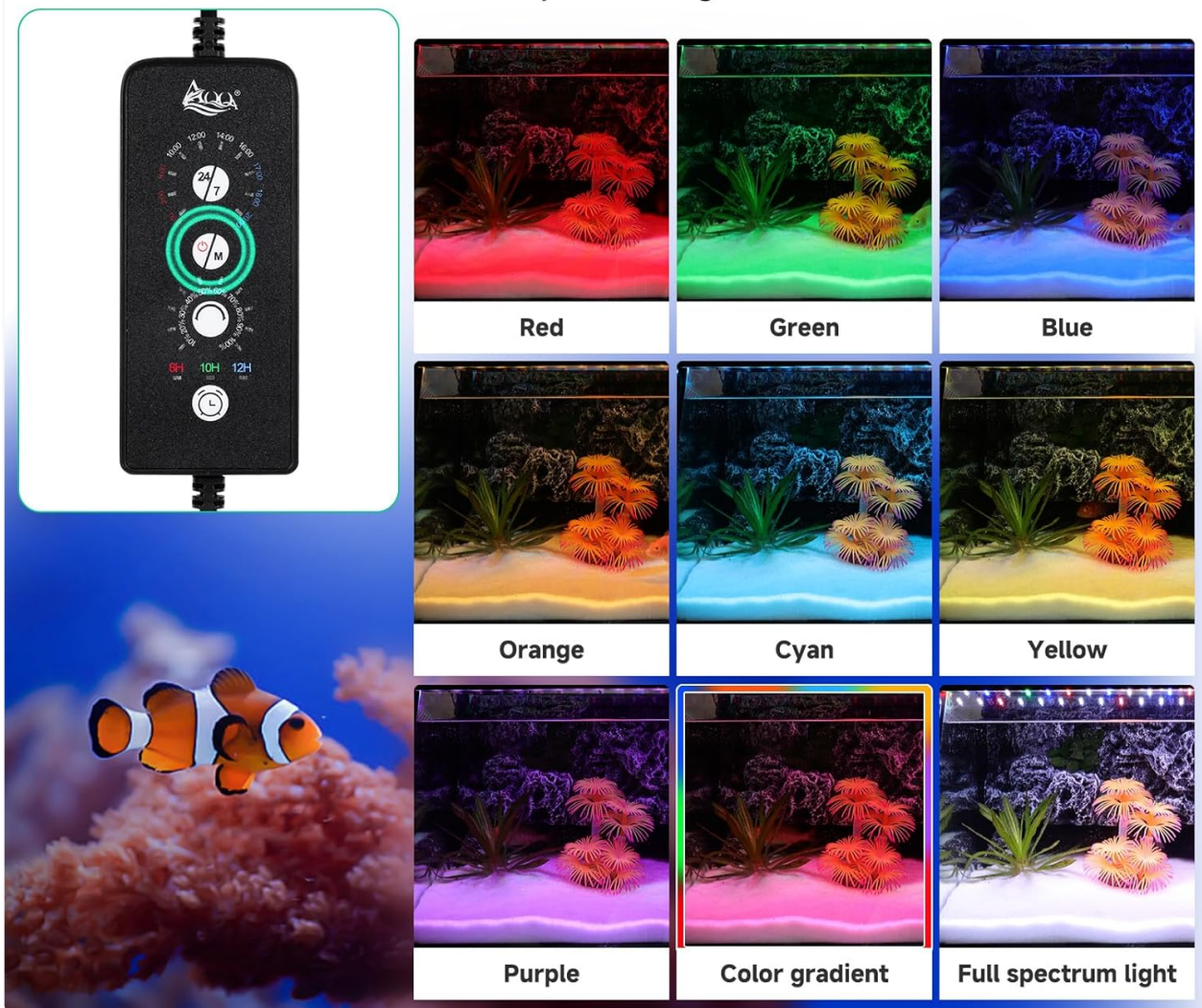Note: The brightness of the lights cannot be adjusted in 24/7 mode.

The light controller with clearly labeled buttons for DIY mode adjustments.

ON/OFF & Lighting Options Button:

Press and hold for 3 seconds to turn off the light. Press twice quickly to enter the auto color cycle mode. This button also allows you to change between 9 available light colors: Red, Green, Blue, Orange, Cyan, Yellow, Purple, Color Gradient, and Full Spectrum Light.

9 Colors Choice

Red-green-blue-orange-cyan-yellow-purple-color gradient-full spectrum light

Visual representation of the 9 distinct color options available.

Brightness Options Button:

Adjust the light brightness through 10 levels: 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, and 100%.

Timer Button:

Set the lighting duration to 6 hours, 10 hours, or 12 hours. The light will automatically turn on and off every day according to the set duration.

Note: The brightness of the lights cannot be adjusted when in 24/7 mode.

4.2. 24/7 Default Mode

This mode simulates a natural 24-hour sunrise and sunset pattern, promoting healthy plant growth and a natural environment for your fish. The light automatically turns on at 6:00 AM and turns off at 23:00 (11:00 PM).

24/7 Mode

Simulate a natural 24 hours sunrise and sunset pattern

The 24/7 mode transitions from warm orange light at sunrise to full-spectrum at noon, and starry blue at night. The automatic on/off time can be postponed or advanced to shift the overall default time period.
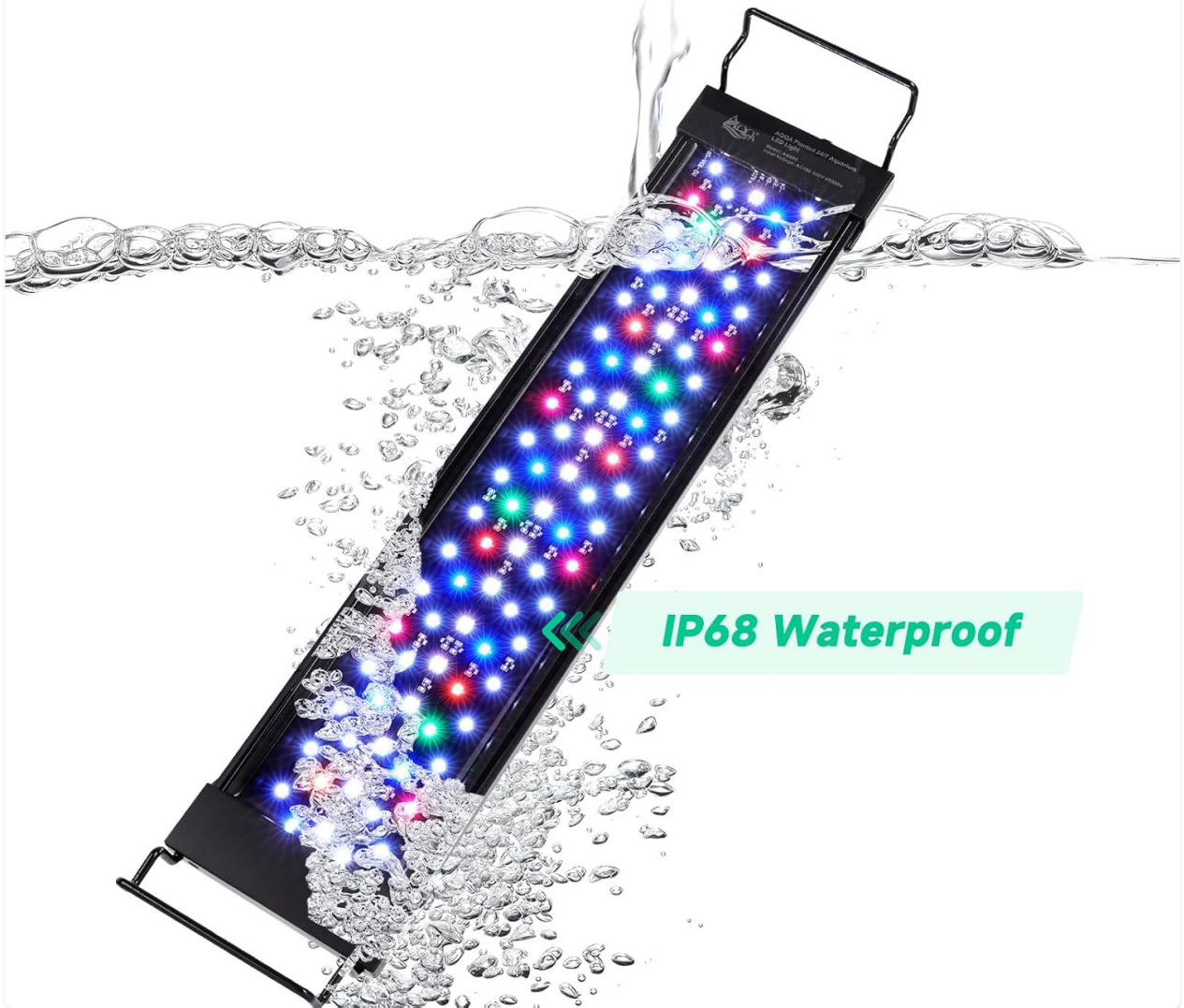
5. MAINTENANCE

To ensure the longevity and optimal performance of your AQQA LED Aquarium Light, follow these maintenance guidelines:

- **Cleaning:** The aluminum alloy shell is easy to clean. Gently wipe the light fixture with a soft, damp cloth to remove dust or water spots. Do not use abrasive cleaners or solvents.

- **Water Immersion:** The light is IP68 waterproof, meaning it can be directly soaked in water for use. However, ensure the power adapter and controller remain dry and are not submerged.

- **Heat Dissipation:** The widened and thickened aluminum shell is designed for fast heat dissipation. Ensure the light is not covered or obstructed to allow for proper airflow.

IP68 Waterproof Aquarium Light
Can be directly soaked in water for use

The IP68 waterproof design allows for direct immersion in water, offering flexible placement options.

6. TROUBLESHOOTING

If you encounter any issues with your AQQA LED Aquarium Light, please refer to the following common problems and solutions:

- **Light does not turn on:**
  - Check if the power adapter is securely connected to both the light fixture and the electrical outlet.
  - Ensure the electrical outlet is functioning correctly by testing it with another device.
  - Verify that the ON/OFF button on the controller has been pressed.

- **Light is dim or flickering:**
  - Check the brightness setting in DIY mode. Increase the brightness level if necessary.
  - Ensure the power adapter is providing stable power.
  - If in 24/7 mode, the light intensity changes throughout the day as part of the simulation.

- **Timer function not working:**
  - Make sure the timer duration (6H/10H/12H) is correctly selected on the controller.
  - The timer starts from the moment it is set. If you unplug the light, the timer will reset.

- **Colors are not changing:**

- In DIY mode, press the ON/OFF & Lighting Options button quickly twice to cycle through colors or enter auto color cycle mode.
- Ensure you are not in 24/7 mode, as color customization is limited in this mode.

If the problem persists after trying these steps, please contact AQQA customer support for further assistance.

7. SPECIFICATIONS

Detailed specifications for the AQQA LED Aquarium Light (12W model):

Feature	Description
Model Number	AQ090-12W
Wattage	12 Watts
Application	12-18 inch (30-45cm) fish tank
LED Quantity	60 PCS
Light Size	10.24 inches (26cm)
Power Cord Length	2.26ft + 4.92ft
Material	Aluminum Alloy, Metal
Waterproof Rating	IP68
Light Source Type	LED (Premium 5050 and 2835 LEDs)
Special Features	Full Spectrum, 24/7 Mode, DIY Mode, Adjustable Timer/Brightness, Memory Function
Product Dimensions	2"L x 2"W x 2"H (Fixture only, without brackets)
Item Weight	1.17 pounds

Product Specifications

Power	12W	18W	24W	30W	36W	42W
LED quantity	60 PCS	90 PCS	120 PCS	150 PCS	180 PCS	210 PCS
Light size	10.24"(26CM)	15.75"(40CM)	22.05"(56CM)	29.53"(75CM)	37.40"(95CM)	45.28"(115CM)
Application	12~18inch (30~45cm)	18~24inch (45~60cm)	24~32inch (60~80cm)	32~40inch (80~100cm)	40~48inch (100~120cm)	48~55inch (120~140cm)
Power cord	2.26ft+4.92ft	2.26ft+4.92ft	2.26ft+4.92ft	2.26ft+6.23ft	2.26ft+6.23ft	2.26ft+6.23ft

A comprehensive overview of the product specifications, including different wattage models.

8. WARRANTY AND SUPPORT

AQQA provides a standard warranty for this product. Please refer to the product packaging or the official AQQA website for specific warranty terms and conditions.
For technical support, troubleshooting assistance, or any inquiries regarding your AQQA LED Aquarium Light, please visit the official AQQA store on Amazon or contact their customer service directly.

Visit the AQQA Store on Amazon