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› AQQA LED Aquarium Light User Manual

AQQA AQ090-12W

AQQA LED Aquarium Light User Manual

Model: AQ090-12W

PRODUCT OVERVIEW

The AQQA LED Aquarium Light is designed to provide optimal illumination for aquatic environments, supporting both plant growth and enhancing the visual appeal of your fish tank. It features advanced functionalities including a 24/7 natural light cycle mode, a customizable DIY mode, adjustable brightness, and a built-in timer. Constructed with high-quality aluminum alloy and boasting an IP68 waterproof rating, this light is durable and safe for use directly in water.



Image: The AQQA LED Aquarium Light showcasing its vibrant full-spectrum illumination over a simulated fish tank with various fish and aquatic plants.

WHAT'S IN THE BOX

- 1 x AQQA LED Aquarium Light
- 1 x AC/DC Adapter
- 2 x Metal Brackets
- 1 x User Manual

SETUP INSTRUCTIONS

1. **Unboxing:** Carefully open the product packaging. Remove the LED light, AC/DC adapter, metal brackets, and user manual. Inspect all components for any signs of damage.
2. **Attach Brackets:** Insert the two metal brackets into the designated slots on each end of the LED light fixture. These brackets are extendable, allowing you to adjust the light to fit different-sized aquariums within the specified range (e.g., 40-48 inches for the 36W model).

High Quality Aquarium Light



Adjustable extendable brackets



**Aluminum alloy shell
fast heat dissipation**



Premium 5050 and 2835 LEDs

Image: Close-up view of the adjustable extendable brackets on the AQQA LED Aquarium Light, highlighting their flexibility for tank size adaptation.

3. **Placement:** Position the light securely on top of your aquarium using the extended brackets. Ensure the light is centered and stable.
4. **Power Connection:** Connect the AC/DC adapter to the light fixture and then plug the adapter into a suitable power outlet. Ensure the connection is secure before proceeding.

OPERATING INSTRUCTIONS

The AQQA LED Aquarium Light features an integrated controller for easy operation. The controller has buttons for ON/OFF & Lighting Options, Brightness Options, and Timer settings.

DIY Mode

Flexibly adjust as needed

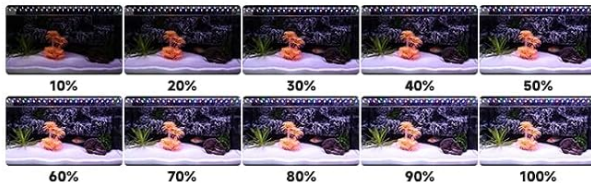
① ON/OFF&Lighting Options Button

(Press and hold  3 seconds to turn off light.
Press twice quickly to enter auto color cycle mode.)

 →  → 
(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%)



③ Timer button

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



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



Image: The wired controller for the AQQA LED Aquarium Light, showing its three main control buttons for power/color, brightness, and timer.

1. DIY Mode

This mode allows for flexible adjustment of light color, brightness, and timer settings.

◦ ON/OFF & Lighting Options Button:

- Press and hold for 3 seconds to turn off the light.
- Press twice quickly to enter auto color cycle mode.
- Press to change light color: Red, Green, Blue, Orange, Cyan, Yellow, Purple, Color Gradient, Full Spectrum Light. There are 9 color choices available.

9 Colors Choice

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



Image: A visual representation of the nine distinct color options available for the AQQA LED Aquarium Light, including various solid colors and a color gradient.

◦ Brightness Options Button:

- Adjust light brightness through 10 levels: 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%.
- *Note: The brightness of the lights cannot be adjusted in 24/7 mode.*

◦ Timer Button:

- Select from 3 lighting timer settings: 6H (6 hours), 10H (10 hours), 12H (12 hours). The light will automatically turn on and off every day once the timer duration is set.

2. 24/7 Default Mode

This mode simulates a natural 24-hour sunrise and sunset pattern to promote plant growth and provide a dynamic visual experience. The light automatically adjusts its color and brightness throughout the day.

- The default light turns on automatically at 6:00 AM and turns off at 23:00 (11:00 PM).
- The automatic ON/OFF time can be postponed or advanced from the overall default time period.
- The light transitions from warm orange light at sunrise to 100% brighter full-spectrum light at noon, and then to starry blue light at night.

24/7 Mode

Simulate a natural 24 hours sunrise and sunset pattern



Image: A visual timeline demonstrating the 24/7 natural light cycle of the AQQA LED Aquarium Light, showing gradual changes in light intensity and color from morning to night.

MAINTENANCE

- **Cleaning:** Over time, the surface of the light may become cloudy due to mineral deposits or algae. To maintain optimal light output, carefully clean the light surface regularly. Use a soft, dry towel or a mild glass cleaner (like Windex) to wipe the surface. Ensure the light is unplugged and dry before cleaning.
- **Waterproof Rating:** The light has an IP68 waterproof rating, meaning it can be directly submerged in water for use. However, always ensure the power connections are dry and secure before submerging.

IP68 Waterproof Aquarium Light

Can be directly soaked in water for use

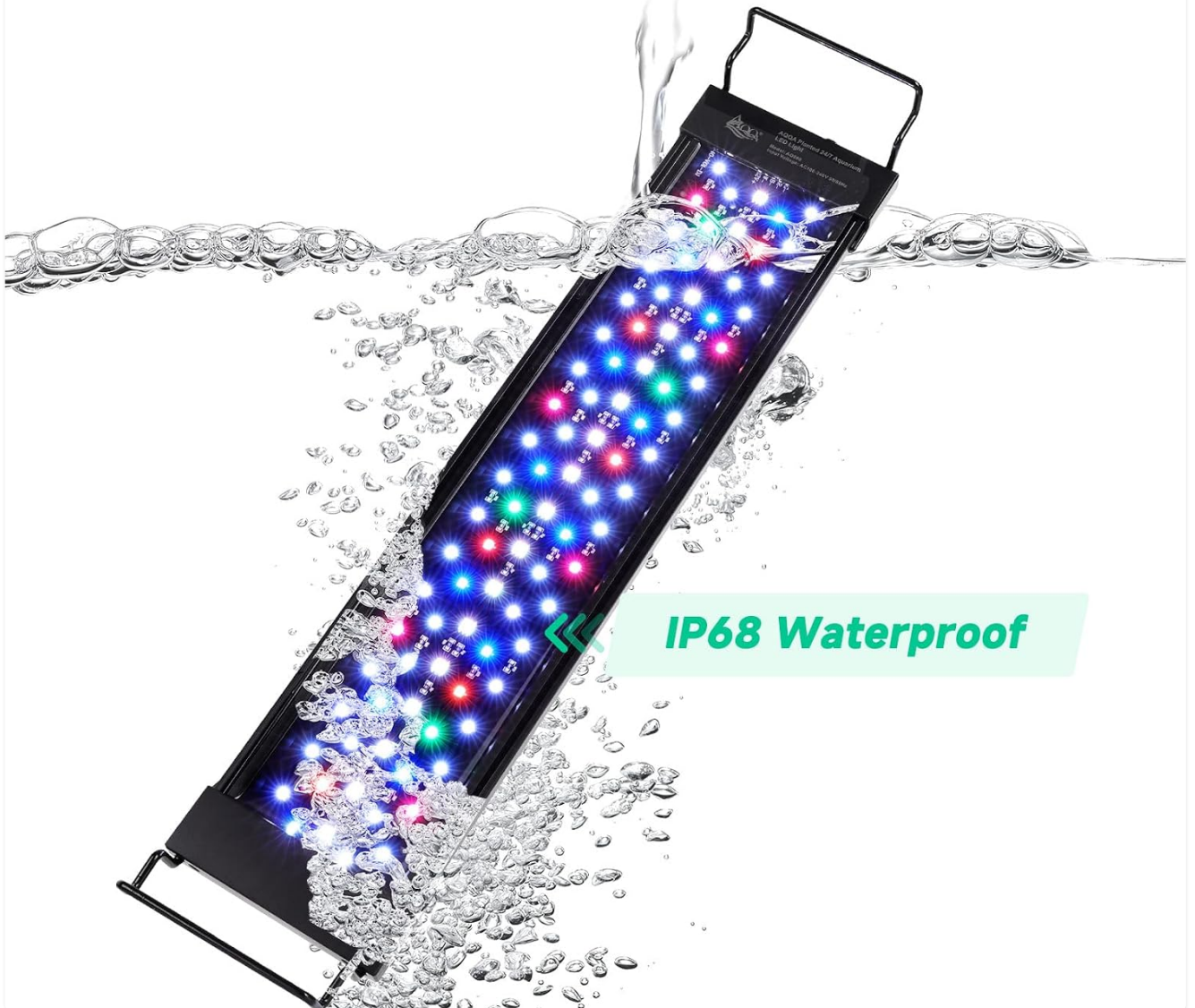


Image: The AQQA LED Aquarium Light partially submerged in water, illustrating its IP68 waterproof capability with bubbles around the fixture.

TROUBLESHOOTING

• Light Not Turning On:

- Check if the power adapter is securely plugged into both the light and the power outlet.
- Ensure the power outlet is functional. Test with another device.
- Verify that the light is not set to an "OFF" timer or in a dimmed state.

• Lights Dim or Flickering:

- Check the brightness setting in DIY mode.
- Clean the light surface as described in the Maintenance section.
- Ensure the power supply is stable and not experiencing fluctuations.

• Timer Not Working Correctly:

- Re-program the timer settings according to the Operating Instructions.
- Ensure the light is not in 24/7 mode if you intend to use custom timer settings, as brightness adjustments are not supported in 24/7 mode.

- **Water Inside Light Fixture:**
 - Although IP68 rated, if water is observed inside the light, immediately unplug it. Do not attempt to repair it yourself. Contact customer support for assistance.

PRODUCT SPECIFICATIONS

Specification	Detail
Brand	AQQA
Model Number	AQ090-12W
Color	Black
Shape	Rectangular
Material	Aluminum, Metal
Finish Type	Gloss
Light Source Type	Power Cord
Power Source	Corded Electric
Voltage	1.2E+2 Volts (AC)
Light Source Wattage	36 Watts
Mounting Type	Table Mount
Number of Light Sources	1
Product Dimensions	2"L x 2"W x 2"H
Item Weight	2.74 pounds
Special Features	Full Spectrum
Shade Color	Multicolor
IP Rating	IP68 Waterproof

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

Image: A detailed table outlining the various specifications of the AQQA LED Aquarium Light, including power, LED quantity, light size, application range, and power cord length for different models.

WARRANTY AND SUPPORT

Specific warranty details are typically provided with your purchase documentation or on the manufacturer's official website. For any support inquiries, technical assistance, or warranty claims, please refer to the contact information provided in your product packaging or on the AQQA brand store page.

For further assistance, you may visit the [AQQA Store on Amazon](#).

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question