

AQQA GCA-AQ052

AQQA Aquarium Light Model GCA-AQ052 Instruction Manual

Full Spectrum LED Fish Tank Light with Timer

1. PRODUCT OVERVIEW

The AQQA Aquarium Light Model GCA-AQ052 is a full-spectrum LED lighting solution designed for aquariums ranging from 17 to 24 inches. It features 14 adjustable colors, 5 brightness levels, and an integrated timer for automated operation. The light is constructed with a durable aluminum alloy and boasts an IP67 waterproof rating, ensuring longevity and safety in aquatic environments.



Image 1.1: The AQQA Aquarium Light providing illumination to a planted aquarium.

2. PACKAGE CONTENTS

Please verify that all components are present in the package:

- AQQA Aquarium Light Unit (Model GCA-AQ052)
- Extendable Mounting Brackets (2x)
- Power Adapter with Controller
- Instruction Manual (this document)

3. SETUP INSTRUCTIONS

3.1 Mounting the Light

1. Carefully unpack all components from the box.
2. Attach the extendable mounting brackets to each end of the light unit. Ensure they are securely fastened.
3. Place the light unit on top of your aquarium. Adjust the extendable brackets to fit the width of your tank (suitable for 17-24 inch tanks).

4. Ensure the light is stable and centered over the aquarium for even illumination.

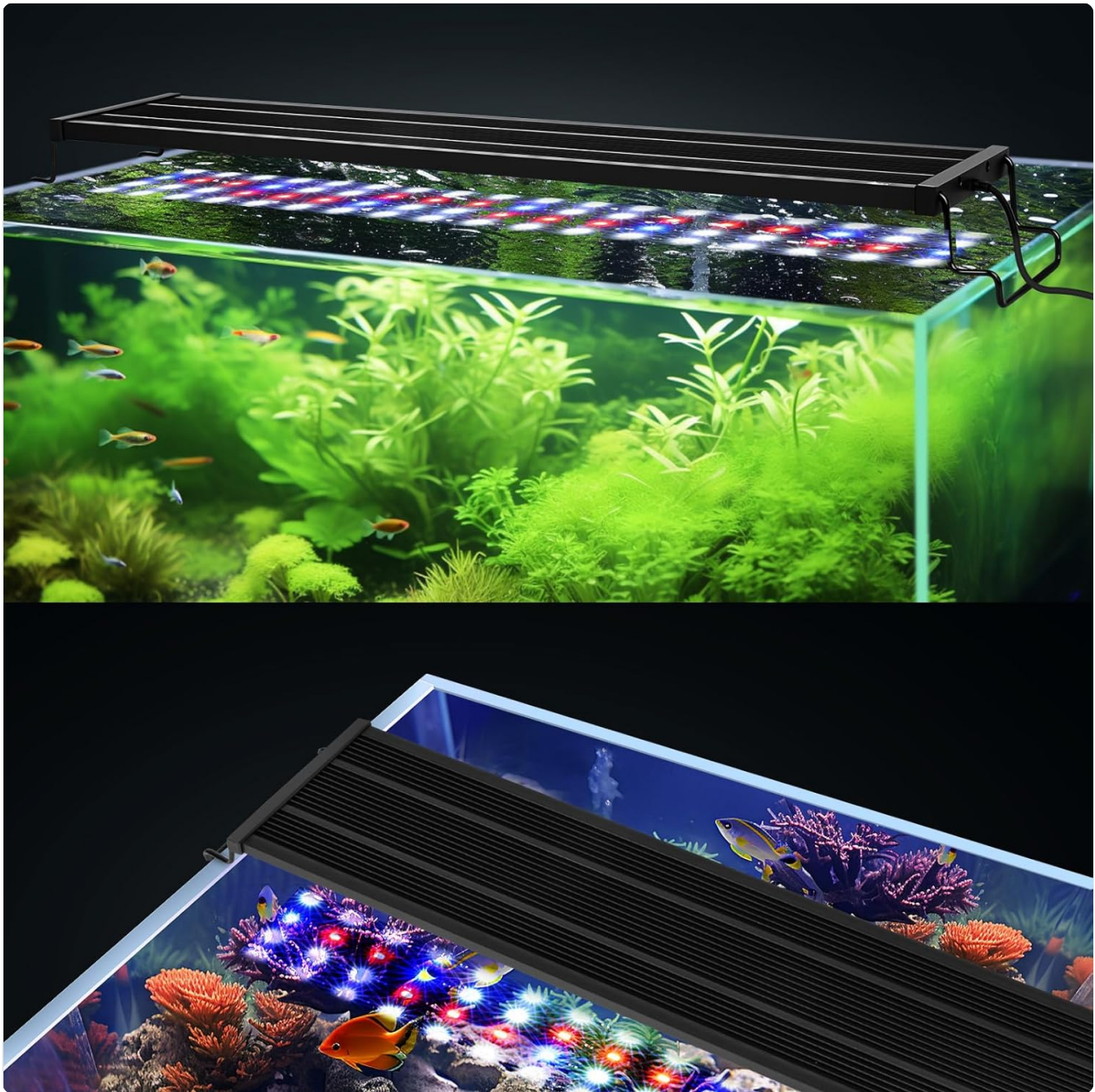


Image 3.1: The extendable brackets allow for flexible installation on various tank sizes.

3.2 Power Connection

1. Connect the power adapter cable to the light unit.
2. Plug the power adapter into a standard electrical outlet.
3. Ensure the power cord is routed safely and away from water to prevent accidental splashes.

4. OPERATING INSTRUCTIONS

The AQQA Aquarium Light is controlled via an inline remote with several buttons for various functions.

14 Colors & Auto Color Change Mode



Image 4.1: The inline remote control for managing light settings.

4.1 Power On/Off

- Press the **Power button** (🔌) to turn the light on or off.

4.2 Color Adjustment

- Press the **Color Change button** (🔄) to cycle through 14 different color modes.
- To activate the **Auto Color Change Mode**, press and hold the **Color Change button** for approximately 3 seconds. The light will automatically transition between colors.

4.3 Brightness Adjustment

- Use the **Brightness Up (+)** and **Brightness Down (-)** buttons to adjust the light intensity.
- There are 5 adjustable brightness levels, ranging from 10% to 100%.

5-Level Brightness Adjustable

Dimmable from 10%-100%, meet all your needs

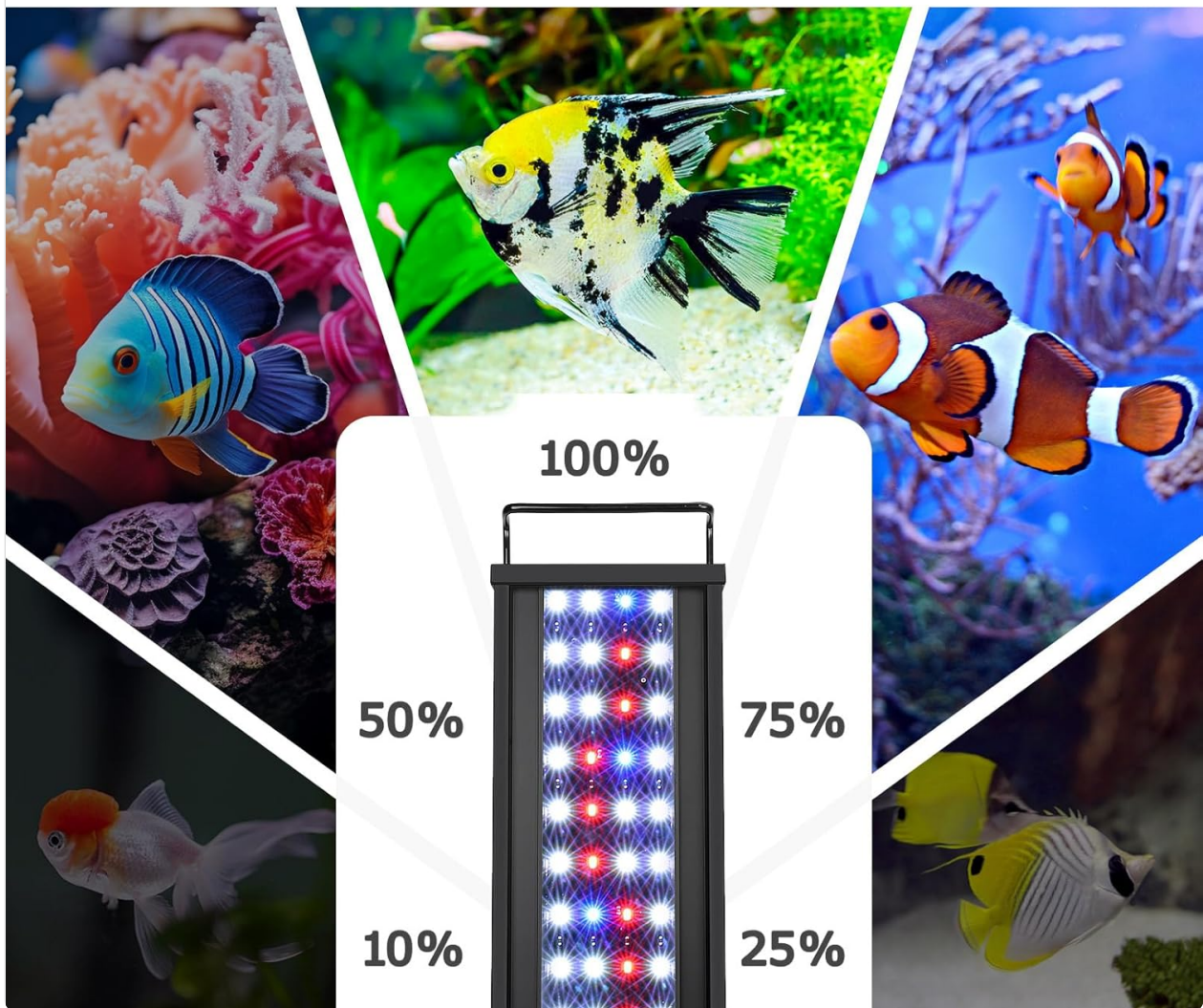


Image 4.2: Visual representation of the 5-level brightness adjustment.

4.4 Timer Function

The built-in timer allows for automated lighting cycles.

- Press the **Timer button** (🕒) to select a duration: **3 hours (3H)**, **6 hours (6H)**, or **12 hours (12H)**.
- Once a timer is set, the light will automatically turn off after the selected duration and will turn on at the same time the next day, repeating the cycle.
- For example, if you activate the 12H timer at 8:00 AM, the light will turn off at 8:00 PM and automatically turn on again at 8:00 AM the following day.

Aquarium Light with Timer

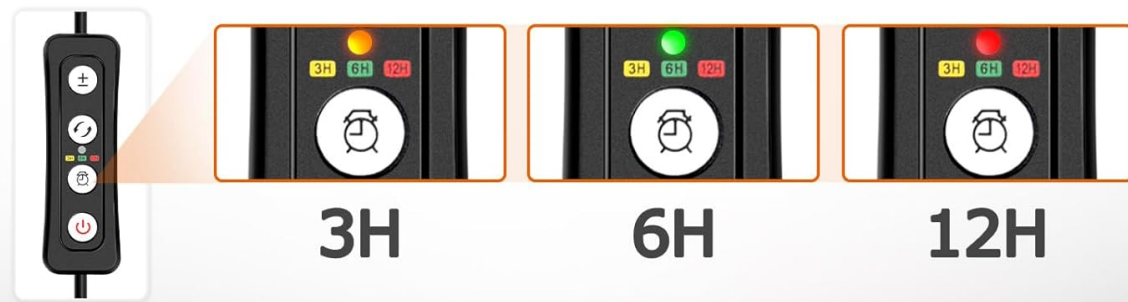


Image 4.3: Timer settings for 3, 6, or 12 hours of operation.

5. MAINTENANCE

5.1 Cleaning

- Before cleaning, always unplug the light from the power outlet.
- Wipe the light unit with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish or waterproof sealing.
- Ensure the light is completely dry before reconnecting it to power.

5.2 Waterproofing Information

- The AQQA Aquarium Light has an IP67 waterproof rating, meaning it is protected against dust and temporary immersion in water (up to 1 meter for 30 minutes).
- **Important:** This light is designed for placement over the aquarium and is **not** intended for submersible use. Do not immerse the light unit directly into the water.

6. TROUBLESHOOTING

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

- **Light Not Turning On:**

- Check if the power adapter is securely plugged into both the light unit and the electrical outlet.
- Verify that the power outlet is functional by plugging in another device.
- Ensure the power button on the inline remote is pressed.

- **Colors or Brightness Not Changing:**

- Ensure the remote control buttons are being pressed firmly.
- If the light is stuck on a specific color or brightness, try unplugging the unit for 30 seconds and then plugging it back in to reset.

- **Timer Function Not Working:**

- Confirm that a timer duration (3H, 6H, or 12H) has been selected by pressing the timer button. The corresponding indicator light on the remote should be illuminated.
- The timer cycle begins from the moment it is set. If you unplug the light, the timer will reset.

- **Light Flickering or Malfunctioning:**

- Disconnect power immediately.
- Inspect the power cord and light unit for any visible damage.
- If issues persist, contact customer support.

7. SPECIFICATIONS

Product Specification







11W	18W	22W	28W	35W	45W
					
Model / Light Length / LED Quantity / Application / Power Cord					
11W	30cm(11.8inch)	36PCs	30-40cm(11.8-15.7inch)	2.2m(7.2ft)	
18W	45cm(17.7inch)	48PCs	45-60cm(17.7-24inch)	2.2m(7.2ft)	
22W	60cm(23.6inch)	72PCs	60-80cm(24-31.4inch)	2.2m(7.2ft)	
28W	80cm(31.5inch)	96PCs	80-100cm(31.4-39.3inch)	2.2m(7.2ft)	
35W	100cm(39.4inch)	120PCs	100-120cm(39.3-47.2inch)	2.2m(7.2ft)	
45W	120cm(47.2inch)	168PCs	120-140cm(47.2-55inch)	2.2m(7.2ft)	

Image 7.1: Detailed specifications for different AQQA aquarium light models, including the GCA-AQ052.

AQQA Aquarium Light Model GCA-AQ052 Specifications

Feature	Detail
Model Number	GCA-AQ052
Power (Wattage)	18 Watts
Voltage	5 Volts (DC)
Product Dimensions (LxWxH)	15.7"L x 4"W x 2"H (Light Unit)
Applicable Aquarium Size	17-24 inches
Light Source Type	LED (5730 & 5050 LEDs)
Number of Colors	14
Brightness Levels	5 (10%-100%)

Feature	Detail
Timer Settings	3H, 6H, 12H
Waterproof Rating	IP67
Material	Aluminum, Stainless Steel
Beam Angle	120 Degrees
Item Weight	1.5 pounds

8. WARRANTY INFORMATION

The AQQA Aquarium Light Model GCA-AQ052 comes with a manufacturer warranty for **1 year from the date of purchase**. Please retain your proof of purchase for warranty claims.





This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, modification, unauthorized repair, or failure to follow the instructions in this manual.








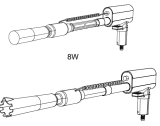
9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact AQQA customer service through the retailer where the product was purchased or visit the official AQQA brand store online.

We are committed to providing quality products and support to our customers.

Related Documents - GCA-AQ052

 AQ147 USER MANUAL AQQA Full Spectrum COB LED Aquarium Light  <small>AQQA Full Spectrum COB LED Aquarium Light adapts for spectrum adjustment from 6500K to 10000K, providing optimal lighting for various aquatic environments. It features a high-quality COB LED chip, ensuring long life and energy efficiency. The light is designed for easy installation and use, making it an ideal choice for aquarium enthusiasts. Thank you for choosing AQQA products. The AQQA mini desktop fish tank is a great addition to your aquarium setup. Please refer to the instruction manual for detailed information. AQQA is committed to providing high-quality products and excellent customer service. Thank you for choosing AQQA products. The AQQA mini desktop fish tank is a great addition to your aquarium setup. Please refer to the instruction manual for detailed information. AQQA is committed to providing high-quality products and excellent customer service.</small>	AQQA AQ147 Full Spectrum COB LED Aquarium Light User Manual User manual for the AQQA AQ147 Full Spectrum COB LED Aquarium Light, detailing product features, parameters, functions, installation, safety precautions, warranty, and disposal.
 MINI DESKTOP FISH TANK USER MANUAL AQ030  <small>Thank you for choosing AQQA products. The AQQA mini desktop fish tank is a great addition to your aquarium setup. Please refer to the instruction manual for detailed information. AQQA is committed to providing high-quality products and excellent customer service. Thank you for choosing AQQA products. The AQQA mini desktop fish tank is a great addition to your aquarium setup. Please refer to the instruction manual for detailed information. AQQA is committed to providing high-quality products and excellent customer service.</small> <small>ATTENTION: Glass, fish, plants and decor are not included.</small>	AQQA AQ030 Mini Desktop Fish Tank User Manual User manual for the AQQA AQ030 mini desktop fish tank, detailing product features, setup instructions, troubleshooting, maintenance, specifications, cautions, and warranty information.

<div><p>AQ041 USER MANUAL AQQA Multifunctional LED Aquarium Light</p></div>	<p>AQQA AQ041 Multifunctional LED Aquarium Light User Manual</p> <p>User manual for the AQQA AQ041 Multifunctional LED Aquarium Light, detailing product features, specifications, instructions, safety precautions, warranty, and disposal information.</p>
<div><p>AQ121 AQQA MULTI-FUNCTIONAL FISH TANK STAND INSTALLATION PROCEDURE MANUAL</p><p><small>Installation Instructions: Please follow the instructions carefully at first, particularly when connecting the power cord and the water pump. Tighten screws at last when it is necessary.</small></p></div>	<p>AQ121 AQQA Multi-Functional Fish Tank Stand Installation Manual</p> <p>Step-by-step installation guide for the AQ121 AQQA Multi-Functional Fish Tank Stand, including a detailed parts list and assembly instructions for easy setup.</p>
<div><p>AQ157 USER MANUAL AQQA DC Multifunctional Electric Gravel Cleaner</p><p><small>AQQA DC Electric Vacuum Gravel Cleaner is a multifunctional cleaning tool for the aquarium. It can remove the dirt and debris from the bottom of the tank. It can also be used to clean the filter and the water pump. Please read the instruction manual carefully before use and follow it strictly.</small></p></div>	<p>AQQA AQ157 User Manual: Multifunctional Electric Gravel Cleaner</p> <p>User manual for the AQQA AQ157 DC Multifunctional Electric Gravel Cleaner, detailing its 6-in-1 features for aquarium maintenance, including gravel cleaning, water changes, and filtration. Covers specifications, assembly, operation, troubleshooting, safety, and warranty.</p>
<div><p>AQ148 USER MANUAL AQQA Automatic Aquarium Water Changer</p><p><small>AQQA automatic aquarium water changer is a multifunctional tool that can be used to change the water in the aquarium. It can also be used to clean the filter and the water pump. Please read the instruction manual carefully before use and follow it strictly.</small></p></div>	<p>AQQA AQ148 Automatic Aquarium Water Changer User Manual</p> <p>User manual for the AQQA AQ148 Automatic Aquarium Water Changer, detailing features, specifications, installation, maintenance, troubleshooting, and warranty information.</p>