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› AQQA Aquarium Light Model AQ037 Instruction Manual

AQQA AQ037

AQQA Aquarium Light Instruction Manual

Model: AQ037

INTRODUCTION

Thank you for choosing the AQQA Aquarium Light Model AQ037. This multi-functional LED light is designed to provide optimal lighting for your freshwater aquarium, featuring 24/7 automatic programming, customizable day and night modes, a DIY sunrise/sunset simulation, and manual control with full spectrum and 7 color options. Its waterproof design and adjustable brightness ensure a healthy and vibrant environment for your aquatic life. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

SAFETY INFORMATION

- Always disconnect the power supply before performing any maintenance or cleaning on the light or aquarium.
- This product is designed for indoor use only. Do not expose it to direct sunlight or extreme temperatures.
- Ensure your hands are dry when handling the power adapter and plug.
- Do not immerse the power adapter in water. The light fixture itself is waterproof, but the adapter is not.
- Keep out of reach of children and pets.
- Do not attempt to disassemble or modify the light fixture or power adapter. This will void the warranty and may cause damage or injury.
- Ensure the light is securely mounted on the aquarium to prevent accidental falls.

PACKAGE CONTENTS

Verify that all items are present in the package:

- AQQA Aquarium Light Fixture (with integrated controller)
- Power Adapter
- Adjustable Mounting Brackets (2 pieces)

Manual Mode

Full Spectrum, open full spectrum mode

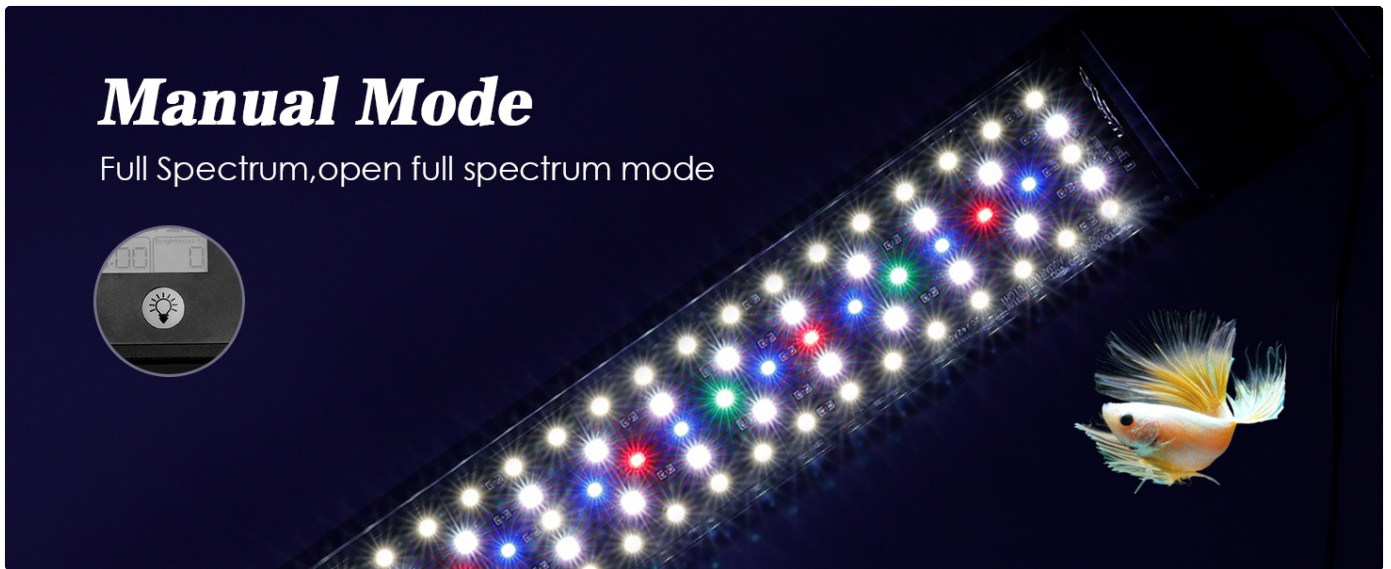


Image: AQQA Aquarium Light fixture and power adapter.

PRODUCT FEATURES

- **Durable Construction:** Made of thickened aluminum alloy for quick heat dissipation and enhanced durability.
- **High-Quality LED Beads:** Utilizes 2835 and 5730 LED beads for high brightness and a color rendering index (CRI) up to 89.
- **Waterproof Design:** Light bead panel is fully covered with glue, ensuring good waterproof performance.
- **Adjustable Brackets:** Retractable brackets accommodate fish tanks with lengths from 12 inches to 54 inches.
- **Integrated Control:** Features an LED high-definition screen and integrated controller for a clean, wire-free setup.
- **24/7 Automatic Program:** Allows setting of automatic on/off cycles for Day, Night, and DIY modes.
- **Day Mode:** Customizable WRGB color values and brightness (5-100%) for a full spectrum daytime environment.
- **Night Mode:** Offers 7 distinct colors (purple, red, orange, yellow, green, cyan, blue) with adjustable brightness (5-100%) for a calming nighttime ambiance.
- **DIY Mode:** Simulates natural sunrise and sunset by dividing the day into 8 customizable time periods, each with adjustable start/end times, colors, and brightness.
- **Manual Mode:** Provides instant full spectrum lighting or a cycle through 7 colors. Manual activation overrides automatic programs for the current day.

PRODUCT OVERVIEW

The AQQA Aquarium Light features an intuitive control panel integrated directly into the light fixture. Familiarize yourself with the buttons and their functions:



Image: Control panel with numbered buttons.

1. **Power Button (1):** Turns the light on or off.
2. **Color/Mode Button (2):** In manual mode, cycles through different colors or full spectrum. In programming mode, selects color parameters.
3. **Mode Button (M) (3):** Enters programming mode and cycles through Day, Night, and DIY program settings.
4. **Set Button (S) (4):** Confirms settings during programming.
5. **Down Arrow Button (5):** Decreases values (time, brightness, color intensity) during programming.
6. **Up Arrow Button (6):** Increases values (time, brightness, color intensity) during programming.

SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove all components from the packaging.
2. **Attach Brackets:** Slide the adjustable mounting brackets into the slots on each end of the light fixture.
3. **Adjust Length:** Extend the brackets to fit the length of your aquarium (12"-54"). Ensure the light is centered and stable.
4. **Position Light:** Place the light fixture securely on the edges of your aquarium.
5. **Connect Power:** Plug the power adapter into the light fixture, then plug the adapter into a standard electrical outlet.

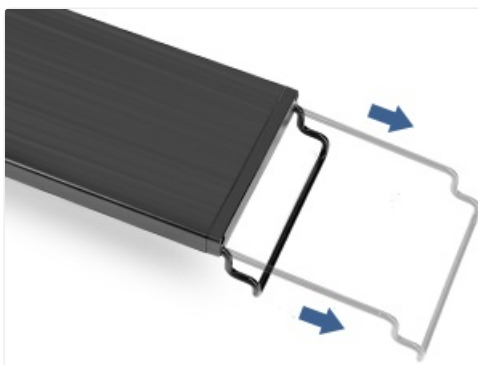


Image: Adjustable brackets for tank mounting.

OPERATING INSTRUCTIONS

Setting the Current Time

1. Press and hold the **Set (S)** button until the hour display flashes.
2. Use the **Up** and **Down** arrow buttons to adjust the hour.
3. Press **Set (S)** again to move to the minute display.
4. Use the **Up** and **Down** arrow buttons to adjust the minutes.
5. Press **Set (S)** to confirm the time.

Programming Automatic Modes (24/7 Cycle)

The light offers Day, Night, and DIY modes that can run automatically on a 24/7 cycle. Note that Day and Night modes cannot exist simultaneously with DIY mode. The last set mode will prevail, and conflicting modes will be automatically closed.

Day Mode Programming

Day Program Mode



Light color:set WRGB



Brightness:each
WRGB 0%-100%

Image: Day Mode settings for WRGB color and brightness.

1. Press the **Mode (M)** button repeatedly until "Day Mode" appears on the screen.
2. Press **Set (S)** to enter Day Mode settings. The start time will flash.
3. Use **Up/Down** arrows to set the desired start time (hour and minute), pressing **Set (S)** to confirm each part.
4. Repeat for the end time.
5. Next, set the WRGB color values (White, Red, Green, Blue) from 0-100%. Use **Up/Down** arrows to adjust each color, pressing **Set (S)** to move to the next.
6. Finally, set the overall brightness from 5-100%. Press **Set (S)** to save and exit Day Mode programming.

Night Mode Programming

Night Program Mode



Image: Night Mode with available color options.

1. Press the **Mode (M)** button repeatedly until "Night Mode" appears on the screen.
2. Press **Set (S)** to enter Night Mode settings. The start time will flash.
3. Use **Up/Down** arrows to set the desired start time (hour and minute), pressing **Set (S)** to confirm each part.
4. Repeat for the end time.
5. Choose one of the 7 available colors (purple, red, orange, yellow, green, cyan, blue) using the **Color/Mode** button or **Up/Down** arrows. Press **Set (S)** to confirm.
6. Set the brightness from 5-100%. Press **Set (S)** to save and exit Night Mode programming.

DIY Mode Programming (Sunrise/Sunset Simulation)



DIY Program Mode

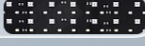
L1	6:00-9:00	W 100	R 0	B 0	G 0	
L2	9:00-12:00	W 0	R 100	B 0	G 0	
L3	12:00-2:00	W 0	R 0	B 100	G 0	
L4	2:00-4:00	W 0	R 0	B 0	G 100	
L5	4:00-7:00	W 50	R 50	B 0	G 0	
L6	7:00-10:00	W 0	R 50	B 50	G 0	
L7	10:00-12:00	W 0	R 0	B 50	G 50	
L8	12:0-6:00	W 0	R 0	B 0	G 0	

Image: DIY Mode programming interface showing 8 customizable time periods.

1. Press the **Mode (M)** button repeatedly until "DIY Mode" appears on the screen.
2. Press **Set (S)** to enter DIY Mode settings. You will see L1 (Light Period 1) settings.
3. For each of the 8 time periods (L1-L8), you can set:
 - **Start Time:** Use **Up/Down** arrows to adjust, **Set (S)** to confirm.
 - **End Time:** Use **Up/Down** arrows to adjust, **Set (S)** to confirm. (Note: L2-L8 start times are automatically set as the end time of the previous period).
 - **WRGB Color Values:** Adjust White, Red, Green, Blue intensity (0-100%) using **Up/Down** arrows, pressing **Set (S)** after each.
 - **Brightness:** Set from 5-100%.
4. After setting L1, press **Mode (M)** to move to L2, and repeat the process for all 8 periods.
5. After setting L8, press **Set (S)** to save and exit DIY Mode programming.
6. The light will gradually change color within 5 minutes from L1 to L8, and within 15 minutes from L8 to L1, with brightness gradually increasing to minimize fish discomfort.

Manual Mode Operation

7 Colors + cycle discoloration

Red, Orange, Yellow, Green, Cyan, Blue, Purple, 7-color cycle discoloration



Image: Manual Full Spectrum Mode display.

Manual mode allows for immediate control of the light. Activating manual mode will temporarily override any automatic programs for the current day. Automatic operation will resume the next day.

1. **Activate Manual Mode:** Press the **Power** button to turn the light on. It will typically default to the last used setting or a full spectrum white light.
2. **Change Colors:** Press the **Color/Mode** button to cycle through 7 individual colors (purple, red, orange, yellow, green, cyan, blue) and a 7-color cycle mode.
3. **Adjust Brightness:** Use the **Up** and **Down** arrow buttons to adjust the brightness from 5-100% in any manual color or full spectrum setting.
4. **Turn Off:** Press the **Power** button to turn the light off.

Official Product Video

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Video: This video demonstrates the various functions and programming capabilities of the AQQA Aquarium Light, including setting different modes and adjusting colors and brightness.

MAINTENANCE

- **Cleaning:** Regularly wipe the light fixture with a soft, damp cloth to remove dust, water spots, and algae buildup. Do not use abrasive cleaners or solvents.
- **Power Adapter:** Keep the power adapter and electrical connections dry and clean.
- **Inspection:** Periodically inspect the power cord and light fixture for any signs of damage. If damage is found, discontinue use and contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose connection; faulty adapter.	Check if the power adapter is securely plugged into both the light and the wall outlet. Ensure the outlet has power. Try a different outlet.
Buttons are unresponsive or difficult to press.	Temporary software glitch; physical obstruction; worn buttons.	Unplug the light for 30 seconds and plug it back in (power cycle). Ensure buttons are clean and free of debris. If issues persist, contact customer support.
Automatic program is not running.	Incorrect time setting; manual mode activated; conflicting program.	Verify the current time is set correctly. Ensure you have not activated manual mode for the current day. Check for conflicting Day/Night/DIY modes and re-program if necessary.
Light output is dim or inconsistent.	Brightness setting too low; dirty light surface; LED failure.	Increase brightness using the Up arrow button. Clean the light surface. If individual LEDs are out, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	AQ037

Feature	Detail
Brand	AQQA
Wattage	16 watts
Product Dimensions (D x W x H)	3.46" x 17.2" x 0.51"
Item Weight	0.65 kg
Material	Aluminum
Light Source Type	LED
Number of Light Sources	16
Color Temperature	6500K (White LED)
Input Voltage	AC100-240V
Water Resistance Level	Waterproof (light fixture)
Control Method	Push Button / Integrated Controller
Connectivity Technology	USB (for power adapter connection)
Mounting Type	Tabletop (with adjustable brackets)

WARRANTY AND SUPPORT

The AQQA Aquarium Light Model AQ037 comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact AQQA customer support. Our team is dedicated to providing long-term quality after-sales service.

Please retain your proof of purchase for warranty purposes.

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