

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [hygger](#) /

› [Hygger HG005 LED Aquarium Light User Manual](#)

hygger HG005

Hygger HG005 LED Aquarium Light User Manual

Model: HG005 | Brand: hygger

1. INTRODUCTION

Thank you for choosing the Hygger HG005 LED Aquarium Light. This product is designed to provide optimal lighting for your aquatic environment with its versatile features, including a 24/7 natural mode, full spectrum illumination, and multiple color options. Please read this manual carefully before installation and operation to ensure proper use and longevity of your device.

2. PACKAGE CONTENTS

Ensure all items listed below are present in your package. If any items are missing or damaged, please contact customer support.

- Hygger HG005 LED Aquarium Light Unit
- Power Adapter with Controller
- Suction Cups for Mounting
- User Manual

3. PRODUCT FEATURES

- **24/7 Natural Mode:** Simulates natural light cycles with gradual changes from dawn (orange) to day (white) to moonlight (blue).
- **DIY Mode:** Allows manual adjustment of lighting duration (6h, 10h, 12h), brightness (5 levels), and color (white, red, blue, green, purple, orange, cyan, cycle color).
- **Versatile Installation:** Can be hidden behind the aquarium, fixed under the lid, or used as a submersible light.
- **High-Quality LEDs:** Utilizes 2835 A55050 model lamp beads for soft, natural-like light, protecting fish and viewers from strobe effects.
- **Durable & Waterproof:** Securely sealed with an IP68 waterproof rating for safe underwater use.

- **Long Lifespan:** LEDs designed for at least 50,000 hours of operation.
- **Separable Adapter:** Allows for easy replacement of the adapter without replacing the entire light unit.

4. SETUP INSTRUCTIONS

Follow these steps to properly install your Hygger HG005 LED Aquarium Light:

1. **Unpack:** Carefully remove all components from the packaging. Inspect the light unit and power adapter for any visible damage.
2. **Choose Installation Method:** The light offers flexible installation options:
 - **Submersible:** Attach the suction cups to the light unit and firmly press it against the inside glass of your aquarium, ensuring it is fully submerged.
 - **Under Lid:** Use the provided clips or suction cups to secure the light to the underside of your aquarium lid.
 - **Hidden/External:** Position the light behind the exterior of the aquarium, using the white background paper (if included) for atmospheric effect, or place it on top of the aquarium glass.

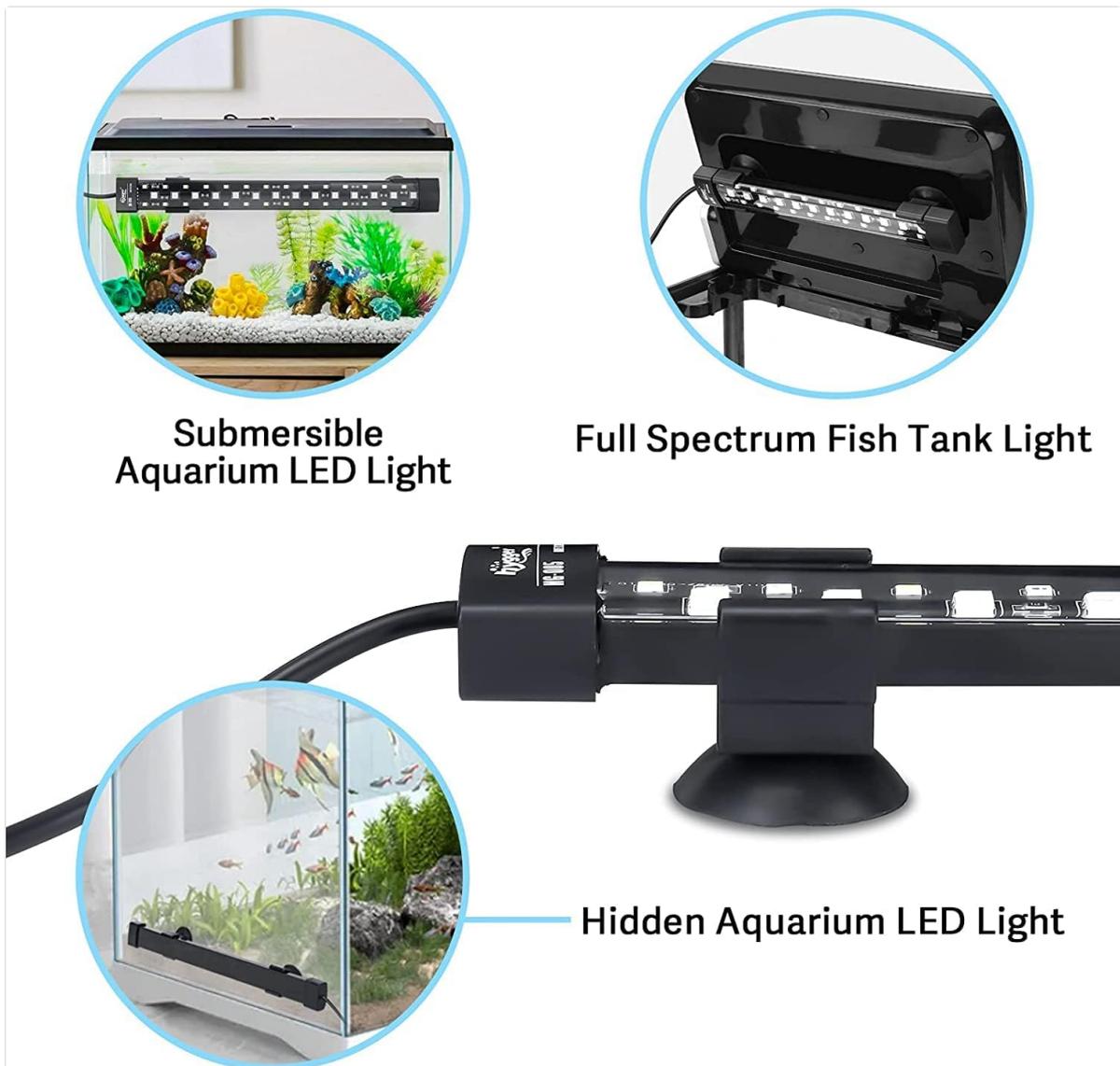


Image: Hygger HG005 LED Aquarium Light demonstrating various installation methods including submersible, under-lid, and hidden placement.

3. **Connect Power:** Connect the light unit to the power adapter. Ensure the connection is secure.

4. **Plug In:** Plug the power adapter into a suitable electrical outlet (AC220-240V).

5. OPERATING INSTRUCTIONS

The Hygger HG005 LED Aquarium Light features two main operating modes: 24/7 Natural Mode and DIY Mode.

5.1. 24/7 Natural Mode (Default Setting)

This mode simulates a natural day-night cycle for your aquarium. When first plugged in, the light will typically start in this mode. The cycle is as follows:

- **6 AM - 8 AM:** Gradual orange light (dawn simulation).
- **8 AM - 6 PM:** Gradual white light (daylight simulation).
- **6 PM - 10:50 PM:** Gradual blue light (moonlight simulation).
- **10:50 PM - 6 AM:** Lights off.

The entire standard period can be delayed or extended. To activate or cycle through modes, use the controller buttons.

24/7 DEFAULT SETTING



- Gradient Orange light (sunrise) from 6 am to 8 am;
- Gradient White(day) light from 8 am to 6 pm;
- Gradient Blue light (moonlight) from 6pm to 10:50pm;
- The lights are off in other time periods.

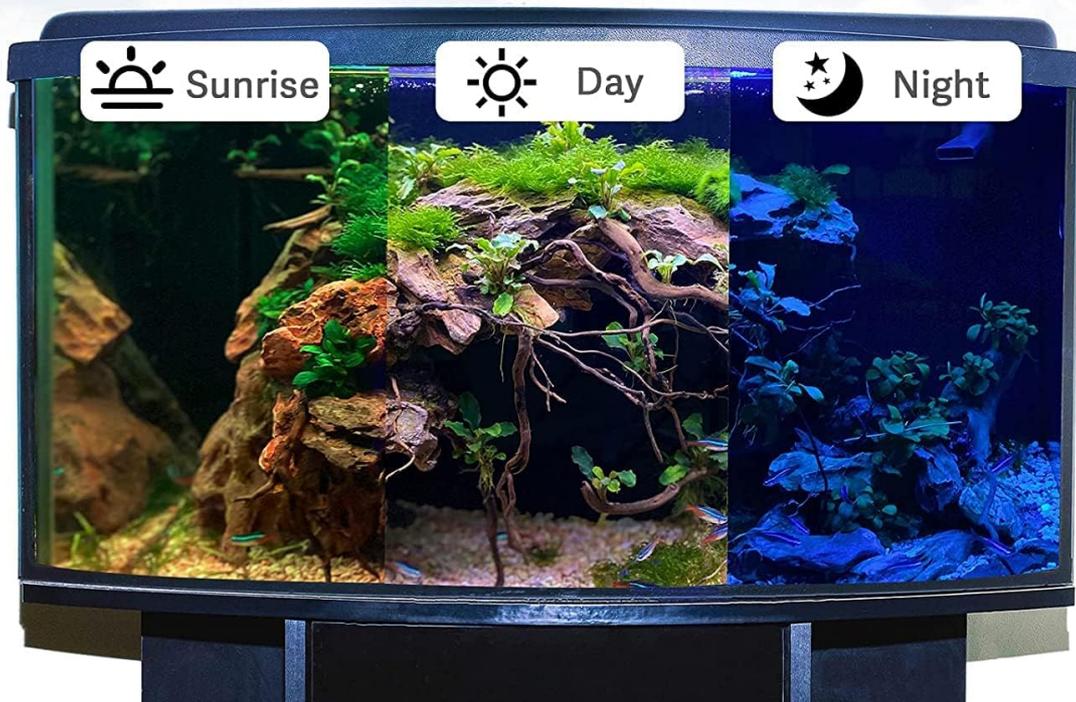


Image: Visual representation of the 24/7 default setting, illustrating the sunrise, day, and night lighting phases in an aquarium.

5.2. DIY Mode

The DIY Mode allows for custom settings of time, brightness, and color. Use the controller buttons to adjust these parameters.



Image: The Hygger HG005 LED Aquarium Light controller, detailing the DIY mode options for setting time, color, and brightness.

- **Time Setting (TIMER button):** Press the TIMER button to cycle through 3 preset durations: 6 hours, 10 hours, or 12 hours. This sets how long the light will remain on.
- **Brightness Adjustment (▲/▼ buttons):** Use the brightness adjustment buttons to select from 5 levels of brightness.
- **Color Selection (ON-OFF/M button):** Press the ON-OFF/M button to cycle through various colors: White, Red, Blue, Green, Purple, Orange, Cyan, or a continuous color cycle.

Video: Demonstrating Color Changes in DIY Mode

Your browser does not support the video tag.

Video: This video demonstrates the various color options available in the DIY mode of the Hygger HG005 LED Aquarium Light,

showcasing the dynamic lighting effects within an aquarium.

6. MAINTENANCE

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

- **Cleaning:** Periodically wipe the light unit with a soft, damp cloth to remove any algae or mineral buildup. Ensure the light is unplugged before cleaning.
- **Inspection:** Regularly check the power cord and adapter for any signs of damage. Do not use the light if any part is damaged.
- **Water Quality:** Maintain good aquarium water quality to prevent excessive mineral deposits on the light.

7. TROUBLESHOOTING

If you encounter issues with your Hygger HG005 LED Aquarium Light, refer to the following common problems and solutions:

- **Light Not Turning On:**
 - Check if the power adapter is securely plugged into both the light unit and the electrical outlet.
 - Ensure the electrical outlet is functional by testing it with another device.
 - Verify that the light is not in its 'off' period during the 24/7 mode.
- **Incorrect Color/Brightness:**
 - If in 24/7 mode, the color and brightness will change automatically according to the cycle.
 - If in DIY mode, use the ON-OFF/M and brightness buttons on the controller to adjust settings.
- **Flickering Light:**
 - Check for loose connections between the light unit and the power adapter.
 - Ensure the power supply is stable.

If the problem persists after attempting these solutions, please contact Hygger customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	hygger
Model Number	HG005
Power	6 Watts
LED Quantity	48 PCS (23 White, 6 Blue, 3 Red, 16 RGB)
Voltage	AC220-240V Input, DC20V Output
Color Rendering Index (CRI)	74
Kelvin	White 6500K, Blue 455nm, Red 620nm
Lumen	778.7lm
Application (Fish Tank Length)	13"-22"
Power Cable Length	6ft + 4.9ft
Product Dimensions	10 x 5 x 5 cm
Item Weight	220 g
Material	Plastic
Additional Features	Color changing, switching modes

9. WARRANTY AND SUPPORT

Hygger products are manufactured to high-quality standards. For warranty information or technical support, please refer to the warranty card included with your product or visit the official Hygger website. Please retain your proof of purchase for any warranty claims.