hygger HG-005

Hygger 24/7 Mode Submersible Aquarium LED Light

MODEL: HG-005

Brand: hygger

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your hygger 24/7 Mode Submersible Aquarium LED Light. Designed to simulate natural light cycles, this full-spectrum LED light offers adjustable timer, brightness, and multiple color options to create an optimal environment for your aquatic pets and plants.

PRODUCT FEATURES

- **24/7 Natural Mode:** Features a gradient light cycle mimicking sunrise (orange), daylight (white), and moonlight (blue) from 6 AM to 10:50 PM, with automatic off periods. The overall default time period can be adjusted.

- **DIY Mode:** Allows customization of time (6h, 10h, 12h), brightness (5 levels), and color (White, Red, Blue, Green, Purple, Orange, Cyan, Cycle Color).

- **Versatile Installation:** Can be used as a hidden atmosphere light behind the tank, fixed under the fish tank cover, or fully submerged in water.

- **Waterproof Design:** Safely sealed with IP68 waterproof rating for reliable submersible use.

- **Eye and Fish Protection:** Soft light with a color rendering index close to natural light, reducing discomfort from stroboscopic effects.

- **Durable Construction:** Utilizes high-quality 2835 + 5050 model lamp beads for a long service life of at least 50,000 hours.

- **Separable Adapter:** Allows for easy replacement of the adapter without needing to replace the entire light, minimizing waste.

Image: Hygger 24/7 Mode Submersible Aquarium LED Light with its inline controller.
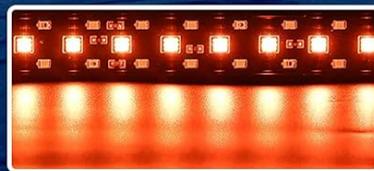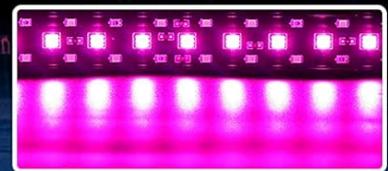
Image: Illustration of DIY Mode with options for time, color, and brightness settings.

24/7 DEFAULT SETTING

24/7

- 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.
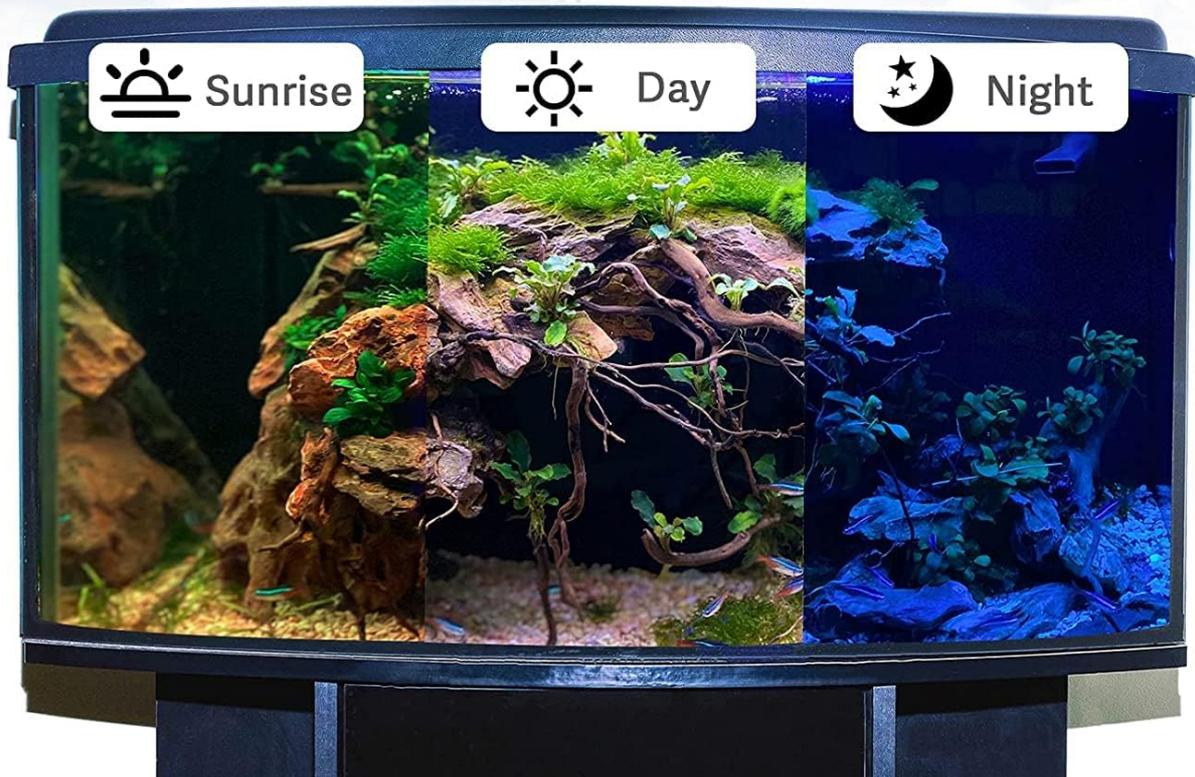
Sunrise   Day   Night

Image: Visual representation of the 24/7 default light cycle: Sunrise, Day, and Night.

Submersible Aquarium LED Light

Full Spectrum Fish Tank Light

Hidden Aquarium LED Light

Image: Demonstrates various installation methods: submersible, under tank cover, and hidden behind the tank.

Shell Transparent Plastic Shell

Beads 3 Rows of High-brightness Light Beads

Powerful Sucker

Anti-collision Waterproof Protective Head

Head

Mode Mode Setting Controller

Power Independent UI Certified Power Adapter

Image: Detailed view of the light's components including light beads, suckers, controller, and power adapter.

Image: Highlights technical specifications such as wattage, LED quantity, lumen output, and IP68 waterproof rating.

PACKAGE CONTENTS

- Hygger 24/7 Mode Submersible Aquarium LED Light
- Inline Controller with Buttons
- Power Adapter
- Suction Cups for Mounting
- User Manual (this document)

SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove all components from the packaging. Inspect the light and accessories for any damage.
2. **Choose Placement:**

- **Submersible:** Attach the suction cups to the light bar and firmly press them against the inside glass of your aquarium, ensuring the light is fully submerged.
  - **Under Tank Cover:** Use the provided suction cups to attach the light to the underside of your aquarium lid.
  - **Hidden Atmosphere Light:** Place the light behind the outside of the fish tank, using the included white background paper if desired, to create a subtle glow.

3. **Connect Power:** Connect the light bar's cable to the inline controller, and then connect the controller to the power adapter. Ensure all connections are secure.

4. **Plug In:** Plug the power adapter into a suitable electrical outlet.

OPERATING INSTRUCTIONS

Your hygger LED light features an inline controller with four buttons for easy operation:

TIMER Button: Sets the duration the light stays on. Press to cycle through 6 hours, 10 hours, or 12 hours.

ON-OFF/M Button: Turns the light ON/OFF. In DIY mode, press 'M' to cycle through 7 different colors (White, Red, Blue, Green, Purple, Orange, Cyan) and a continuous color cycle.

Brightness Up/Down Buttons (▲/▼): Adjusts the light brightness. There are 5 levels of brightness (10%, 25%, 50%, 75%, 100%).

24/7 Button: Activates the natural 24/7 mode, simulating a full day-night cycle.

Using 24/7 Natural Mode:

Press the 24/7 button on the controller. The light will automatically transition through the following phases:

- **Sunrise (6 AM - 8 AM):** Gradient orange light.
- **Daylight (8 AM - 6 PM):** Gradient white light.
- **Moonlight (6 PM - 10:50 PM):** Gradient blue light.
- The lights will be off during other time periods. The overall default time period can be delayed or advanced by setting the current time on the controller.

Using DIY Mode:

For custom settings, use the TIMER, ON-OFF/M, and Brightness buttons:

- **Set Timer:** Press the TIMER button to select your desired operating duration (6h, 10h, or 12h).
- **Choose Color:** Press the ON-OFF/M button repeatedly to cycle through the available colors or select the continuous color cycle.
- **Adjust Brightness:** Use the Brightness Up/Down buttons (▲/▼) to set the light intensity to one of the five available levels.

MAINTENANCE

- **Cleaning:** Regularly wipe the light bar with a soft, damp cloth to remove algae or mineral buildup. Ensure the light is unplugged before cleaning.
- **Connection Check:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **LED Longevity:** The high-quality LEDs are designed for a long lifespan of over 50,000 hours. Avoid exposing the light to extreme temperatures or harsh chemicals.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty adapter.	Check power outlet. Ensure all cables are securely connected. Test with another compatible adapter if available.
Colors or brightness not changing.	Incorrect mode, controller malfunction.	Ensure you are in DIY mode for manual color/brightness changes. If in 24/7 mode, changes are automatic. Try unplugging and replugging the unit.
Timer function not working.	Incorrect setting, power interruption.	Re-set the timer using the TIMER button. If power is interrupted, the light may lose its settings and need to be re-programmed.
Water inside the light bar (despite being submersible).	Seal compromise.	While designed to be submersible, some users have reported issues. If water ingress occurs, discontinue submersible use immediately. Consider mounting the light above water (e.g., under the tank lid) or contact customer support for assistance.

SPECIFICATIONS

Parameter	Value
Model Number	HG-005
Power	14W
LED Quantity	90 PCS (White: 34, Blue: 15, Red: 7, RGB: 30)
CRI (Color Rendering Index)	70
Application (for Fish Tank Length)	25"–43"
Power Cord Length	6 ft + 4.9 ft
Input Voltage	AC100-240V
Output Voltage	DC20V
Kelvin (Color Temperature)	White 6500K, Blue 455nm, Red 620nm
Lumens	1366lm
Water Resistance Level	IP68 Waterproof
Material	Plastic
Control Method	Remote (Inline Controller)

WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please contact hygger customer service.

Keep your purchase receipt for warranty claims.

Visit the official hygger store for more products and support:hygger Amazon Store

Documents - hygger – HG-005

[pdf] User Manual

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