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hygger HG978-42W

Hygger Aquarium LED Lighting 42W User Manual

Model: HG978-42W

Introduction

Thank you for choosing the Hygger Aquarium LED Lighting. This product is designed to provide optimal lighting conditions for your freshwater aquarium, simulating natural light cycles and offering customizable options. Please read this manual carefully before installation and operation to ensure proper use and longevity of your device.

Included Components

Please check the package contents to ensure all items are present:

- Hygger Aquarium LED Light Fixture (42W)
- Extendable Brackets (pre-attached or separate)
- Power Adapter
- Control Unit with Integrated Cable
- User Manual (this document)

Setup Instructions

Follow these steps to install your Hygger Aquarium LED Lighting:

1. **Unpack the Light:** Carefully remove all components from the packaging.
2. **Adjust Brackets:** Extend the adjustable brackets to fit the length of your aquarium (recommended for 121-137 cm tanks). Ensure the light fixture is centered and securely positioned over the aquarium.
3. **Connect Power:** Connect the control unit cable to the light fixture. Then, connect the power adapter to the control unit and plug it into a standard electrical outlet. Ensure all connections are secure.
4. **Positioning:** Place the light fixture directly on the edges of your aquarium using the extendable brackets. Ensure it is stable and does not obstruct the aquarium lid or other equipment.



The Hygger 42W Aquarium LED Light showing its extendable brackets and key specifications. The light measures 47.2x4.3x1 inches and is suitable for fish tanks between 48-54 inches.



The extendable bracket mechanism allows for easy adjustment to fit various aquarium sizes.

Operating Instructions

Your Hygger LED light offers two main operating modes: a pre-set 24/7 natural light cycle and a customizable DIY

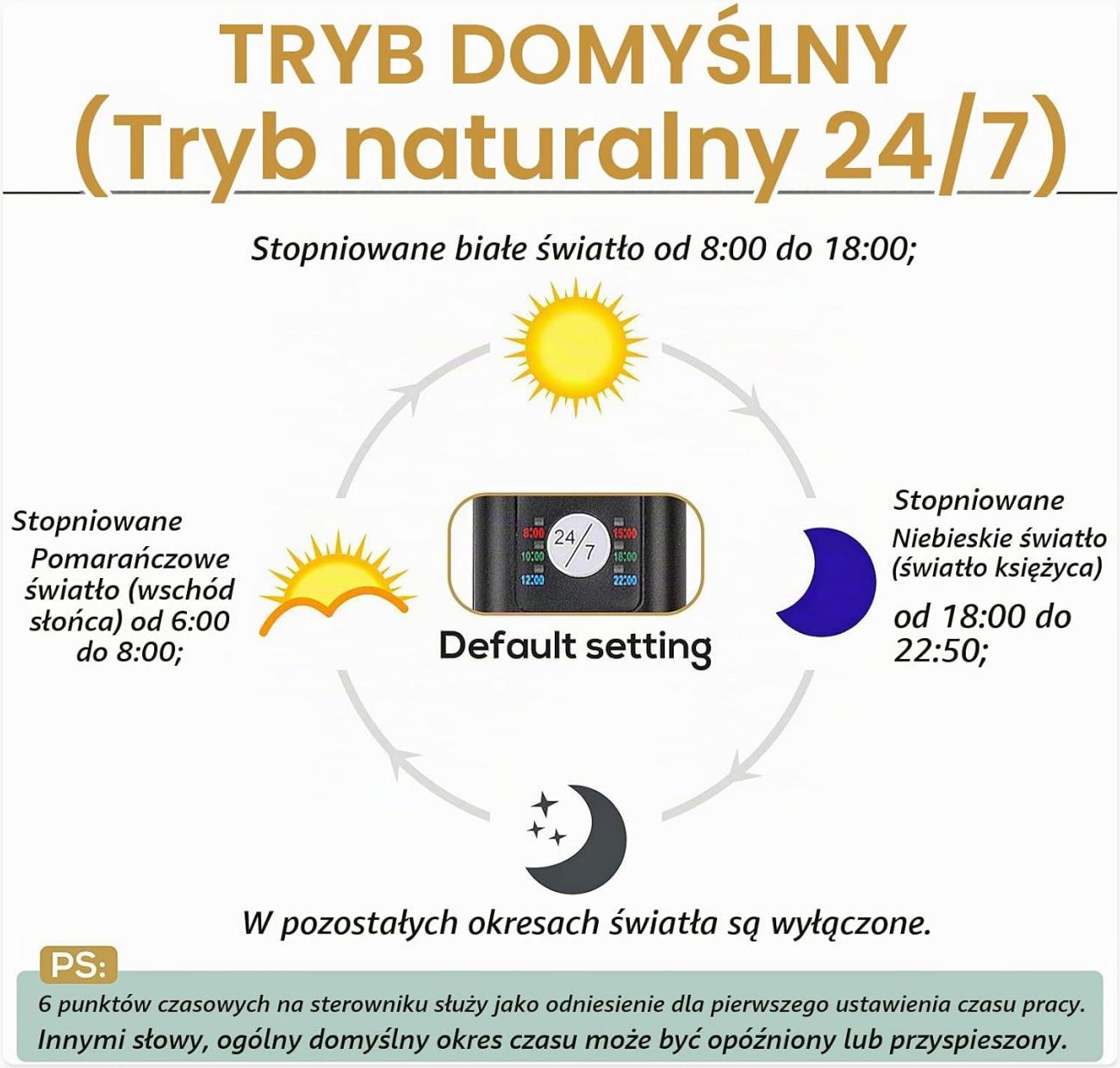
mode.

1. 24/7 Natural Light Mode

This mode simulates a natural day-night cycle for your aquarium:

- **6:00 AM - 8:00 AM:** Gradually increasing orange light (sunrise).
- **8:00 AM - 6:00 PM:** Gradually increasing white light (daylight).
- **6:00 PM - 10:30 PM:** Gradually increasing blue light (moonlight).
- **10:30 PM - 6:00 AM:** Lights turn off.

Note: The 6 time points on the control unit serve as a reference for the initial lighting interval. This allows you to shift the entire lighting schedule backward or forward to match your preference.



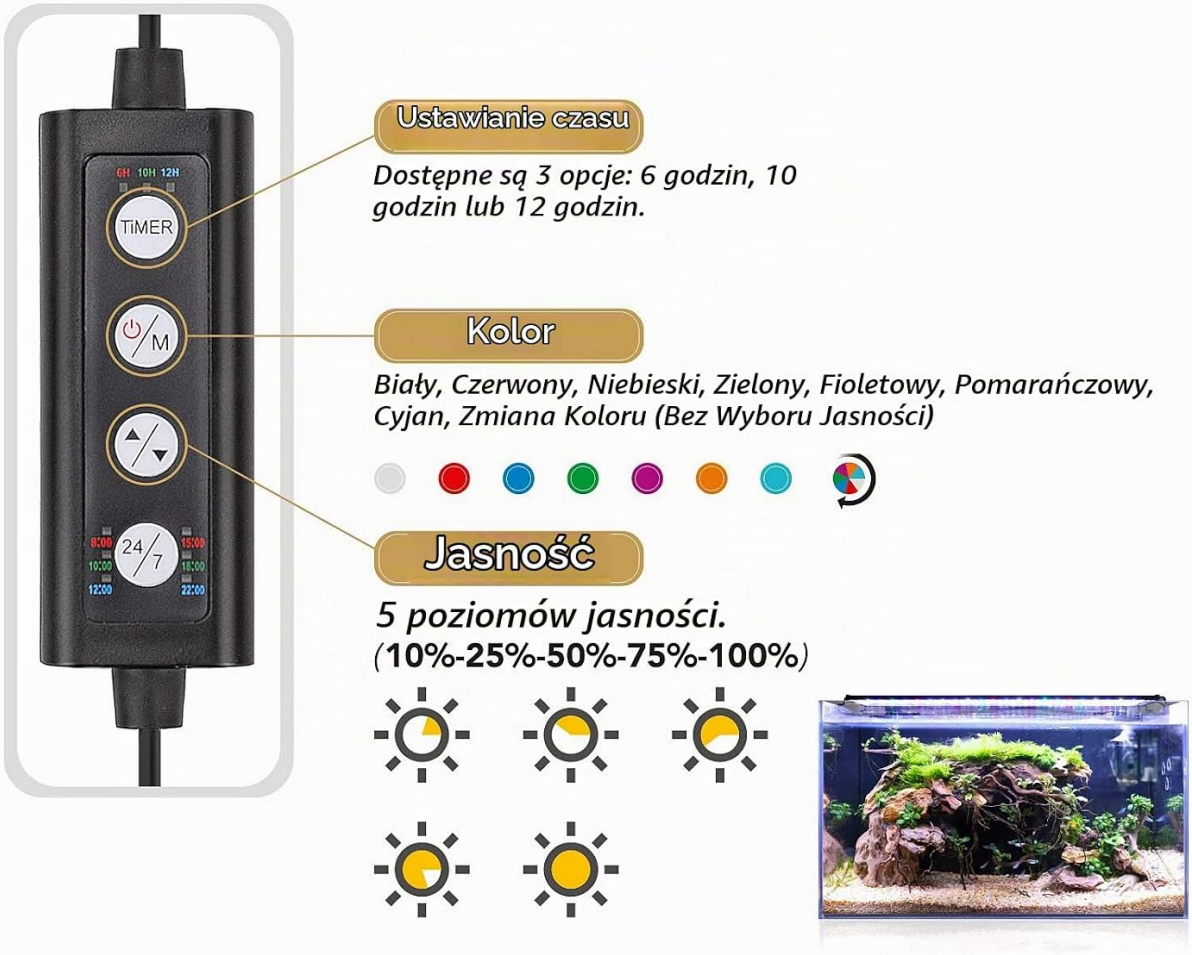
The 24/7 natural light cycle simulates sunrise, daylight, and moonlight phases. During other periods, the lights are off. The 6 time points on the controller are a reference for the first operating time setting, allowing the overall default time period to be delayed or advanced.

2. DIY Mode (Customizable Settings)

In DIY mode, you can individually adjust the illumination time, light color, and brightness.

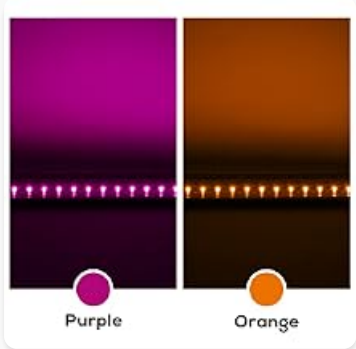
TRYB DIY

(można ustawić czas + kolor + jasność)



The control unit allows for DIY mode adjustments: time, color, and brightness. The timer button sets illumination duration, the M button cycles through colors, and the up/down buttons adjust brightness.

- **Time Setting (Timer Button):** Press the 'TIMER' button to select from 3 illumination durations: 6, 10, or 12 hours.
- **Brightness Adjustment (UP / DOWN Buttons):** Use the 'UP' and 'DOWN' buttons to select from 5 brightness levels (10%, 25%, 50%, 75%, 100%).

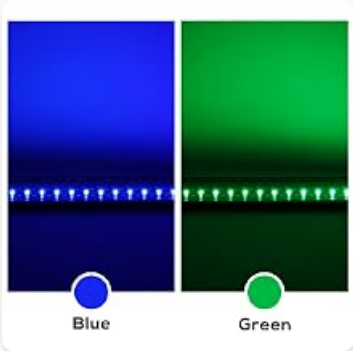


The controller allows selection of 5 brightness levels: 10%, 25%, 50%, 75%, and 100%.



Visual representation of adjustable brightness levels in an aquarium setting.

- **Light Color Selection (ON-OFF / M Button):** Press the 'M' button to cycle through available colors: white, red, blue, green, purple, orange, blue-green (cyan).



The controller's 'M' button allows cycling through various light colors.



The light features 5 rows of lamp beads, offering 7 distinct colors and a color cycle option. Premium 5050 and 2835 LEDs provide bright illumination for plants and fish.

Important Note: When setting DIY mode, the brightness will slowly adjust over 15 minutes the following day before settling at the set brightness level.

Maintenance

The Hygger Aquarium LED Lighting is designed for easy maintenance:

- **Cleaning:** The smooth metal aluminum housing can be cleaned with a dry cloth. Do not use abrasive cleaners or solvents.
- **Waterproof Design:** The light fixture is waterproof, so you do not need to worry if it accidentally falls into the water. However, the power adapter and control unit are not waterproof and should be kept dry.
- **Adapter Replacement:** If the separate power adapter is damaged, only the adapter needs to be replaced, not the entire light fixture, reducing waste.



The light fixture is waterproof, ensuring durability and safety in an aquarium environment.

Troubleshooting

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

- **Light Not Turning On:**
  - Check if the power adapter is securely plugged into both the control unit and the electrical outlet.
  - Ensure the control unit cable is firmly connected to the light fixture.
  - Verify that the electrical outlet is functional by plugging in another device.
  - If in 24/7 mode, check the current time and the programmed cycle; the light might be in an 'off' period.
- **Incorrect Brightness or Color:**
  - In DIY mode, ensure you have correctly set the desired brightness and color using the respective buttons on the control unit.
  - If the brightness is slowly changing, it might be in the 15-minute transition period after a DIY setting change.
- **Timer Not Working:**
  - Ensure the timer setting is correctly selected (6, 10, or 12 hours) in DIY mode.
  - In 24/7 mode, the timer is automatic based on the natural cycle. If the cycle seems off, you may need to reset the initial time reference on the control unit.
- **Flickering Lights:**
  - Check all cable connections for looseness.
  - Ensure the power adapter is providing stable power. Try a different outlet if possible.

Specifications

Feature	Detail
Model Number	HG978-42W
Brand	hygger
Wattage	42 W
Number of LEDs	215 diodes (106 White, 43 Blue, 15 Red, 8 Green, 43 RGB)

Feature	Detail
CRI (Color Rendering Index)	85
Recommended Aquarium Size	121-137 cm (48-54 inches)
Light Fixture Dimensions	47.2 x 4.3 x 1 inches (approx. 120 x 11 x 2.5 cm)
Cable Length	1.5 m + 0.7 m (total 2.2 m)
Input Voltage	AC 100-240 V
Output Voltage	DC 20 V
Color Temperature (White)	6500 K
Wavelength (Blue)	455 nm
Wavelength (Red)	620 nm
Wavelength (Green)	560 nm
Lumens	2815
Lifespan	At least 50,000 operating hours
Waterproof Level	Waterproof (light fixture only)
Material	Aluminum

Warranty and Support

Hygger offers a **ONE YEAR free warranty** for this product. If you have any questions or encounter any issues, please do not hesitate to contact us. Our customer support team is ready to assist you.



If you have any questions, please feel free to contact us. We offer a ONE YEAR free warranty!

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