

DaToo H-DTSAL-2

DaToo Clip On Aquarium Light with Timer

Model: H-DTSAL-2 User Manual

1. INTRODUCTION

Thank you for choosing the DaToo Clip On Aquarium Light with Timer. This manual provides essential information for the safe and effective use of your new aquarium light. This 8W full spectrum LED light is designed to enhance the aquatic environment for your fish and plants, offering customizable lighting options with dimming and timing functions. Please read these instructions thoroughly before installation and operation.

2. SAFETY INFORMATION

- **Power Supply:** This device operates on a human-safe 5V DC power supply. Use only a compatible USB adapter (not included) with a 5V output. Do not use adapters with higher voltage.
- **Water Exposure:** The light features an enclosed structure designed to withstand accidental splashes. However, it is not submersible. Do not immerse the light or its USB connector in water.
- **Installation:** Ensure the light is securely clipped to the aquarium rim before connecting power. The clip is suitable for aquarium rims less than 0.39 inches (1 cm) thick.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.
- **Children and Pets:** Keep the device out of reach of children and pets to prevent accidental damage or injury.

Safety Of Use



Water Splash Proof

Excellent enclosed structure can easily withstand accidental splashes and effectively prevent water ingress accidents.



USB 5V DC Power

No need to worry about the safety of you and your fish during installation or use.

Figure 1: Safety Features. The image illustrates the light's water splash-proof design and its USB 5V DC power input, highlighting the safety aspects of the product.

3. PACKAGE CONTENTS

Please check the package for the following items:

- DaToo Clip On Aquarium Light Unit (with integrated USB cable and control panel)

Note: A USB power adapter is NOT included and must be supplied by the user.

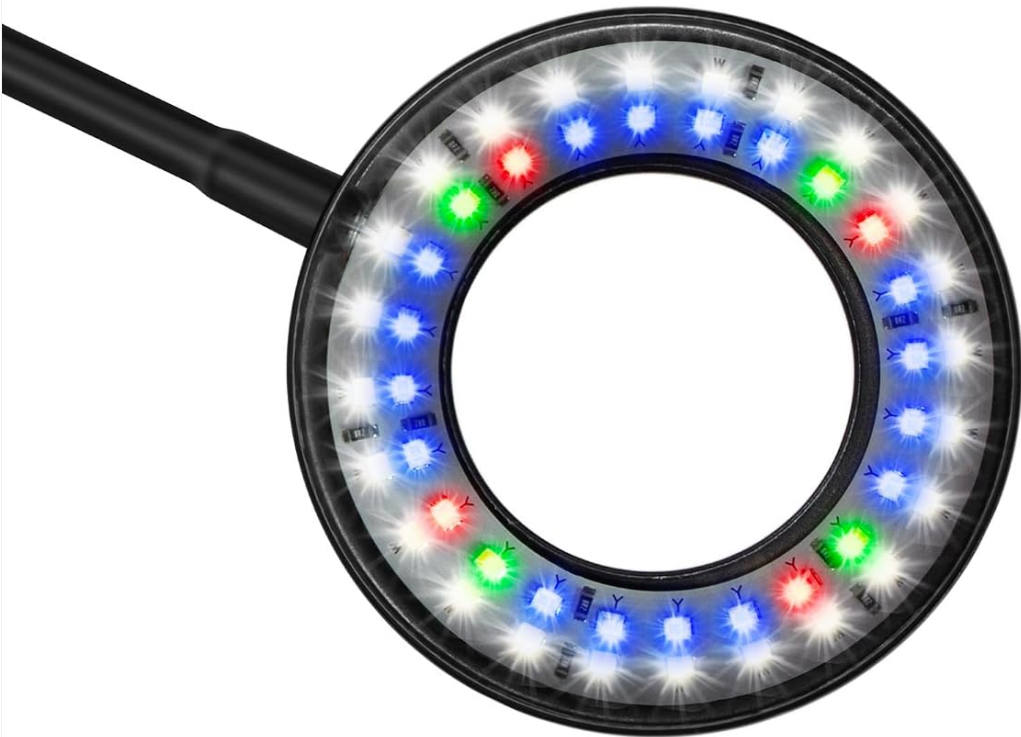
4. SPECIFICATIONS

Model Name	H-DTSAL-2
Power	8W

Voltage	DC 5V
Light Diameter	3.54 inches (9 cm)
Gooseneck Length	7.28 inches (18.5 cm)
Power Cord Length	4.4 feet (1.34 meters)
LED Beads	48 pcs (24 White, 16 Blue, 4 Green, 4 Red)
Lighting Modes	All LEDs, White LED, Red+Green+Blue LEDs
Brightness Levels	10 (10% to 100%)
Timer Options	3 hours, 9 hours, 12 hours
Applicable Tank Size	1-5 Gallon (rim thickness less than 0.39 inches)
Material	Aluminum Alloy Shell

High-quality 2835 LED Beads

Strong brightness, make adjustment of the light is more delicate and natural.



White :
24PCS

Blue :
16PCS

Green :
4PCS

Red :
4PCS

Figure 2: High-Quality LED Beads. This image highlights the 48 individual LED beads (24 white, 16 blue, 4 green, 4 red) that provide full spectrum lighting.

Aluminum Alloy Shell

Excellent thermal conductivity, reduces buildup of internal heat and greatly extends service life.



Excellent Heat
Dissipation



Long Service Life

Figure 3: Aluminum Alloy Shell. The image shows the durable aluminum alloy construction of the light, which aids in heat dissipation and extends product lifespan.

5. SETUP INSTRUCTIONS

1. **Unpack the Light:** Carefully remove the aquarium light from its packaging.
2. **Attach to Aquarium:** Position the clip-on bracket onto the rim of your aquarium. The double-screw structure allows for secure attachment without additional tools. Ensure the aquarium rim thickness is less than 0.39 inches (1 cm). Tighten the screws by hand until the light is firmly in place.
3. **Connect Power:** Insert the USB plug into a compatible 5V USB power adapter (not included), a USB port on a computer, or a mobile power bank.
4. **Adjust Position:** Utilize the 360° rotating gooseneck to adjust the light head to your desired angle and height for optimal illumination of your aquarium.

Double Screw Structure

Installation stronger, uses hand screws, without any auxiliary tools.



Figure 4: Double-Screw Structure. This image details the clip's double-screw design, which ensures a strong and stable attachment to the aquarium rim.

360° Rotating Gooseneck Design

Makes it easy to adjust the light to ideal angle, so that aquarium is always at its best for viewing.



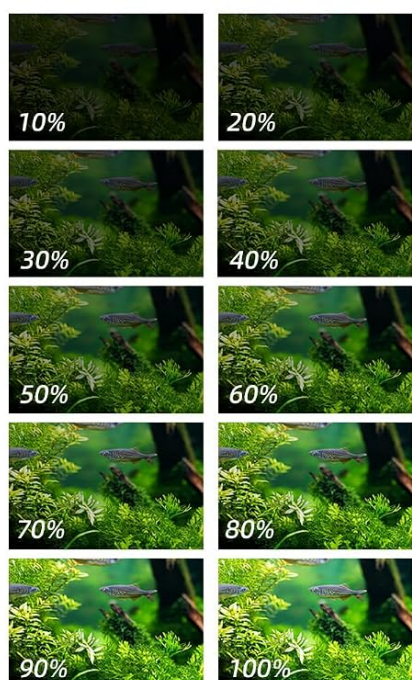
Figure 5: 360° Rotating Gooseneck Design. The diagram illustrates the adjustable gooseneck, allowing for flexible positioning and optimal light direction.

6. OPERATING INSTRUCTIONS

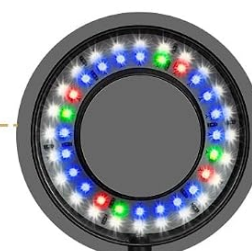
The control panel on the power cord allows for easy adjustment of the light's functions.

Three Customization Options

10 Levels Dimming



Three Light Modes



All LEDs



White LED



Red+Green+Blue LEDs

Three Timing Options

Press button to select timing time: 3h/9h/12h



Figure 6: Control Panel Overview. This image displays the light's control panel with buttons for adjusting brightness, changing light modes, setting the timer, and powering the unit on/off.

- **Power On/Off (① button):** Press the power button to turn the light on or off.
- **Brightness Adjustment (② ③ buttons):** Use the '+' button to increase brightness and the '-' button to decrease brightness. There are 10 adjustable brightness levels (10% to 100%).
- **Light Mode Selection (④ button):** Press the mode button to cycle through the three available lighting modes:
 - a. All LEDs (White + Blue + Red + Green)
 - b. White LED Only
 - c. Red + Green + Blue LEDs Only
- **Timer Setting (⑤ button):** Press the timer button to set the desired lighting duration. Each press cycles through the options: 3 hours, 9 hours, 12 hours. The light will automatically turn off after the selected duration and will turn on again at the same time the next day.

7. MAINTENANCE

- **Cleaning:** Disconnect the power supply before cleaning. Use a soft, damp cloth to wipe the light unit and gooseneck. Do not use abrasive cleaners or solvents.
- **LED Care:** Avoid touching the LED beads directly. If dust accumulates, gently wipe with a dry, soft cloth.
- **Cable Inspection:** Periodically check the USB cable and connections for any signs of damage. If damage is found, discontinue use and replace the unit.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply or faulty connection.	Ensure the USB cable is securely connected to a working 5V USB power source. Try a different USB adapter or port.
Light flickers or dims unexpectedly.	Insufficient power or loose connection.	Verify the power adapter provides stable 5V output. Check all connections for looseness.
Timer function is not working.	Timer not set correctly.	Press the timer button repeatedly until the desired duration (3h, 9h, or 12h) is selected. Ensure the light is on when setting the timer.
Light modes cannot be changed.	Mode button not functioning or light is off.	Ensure the light is powered on. Press the mode button firmly. If the issue persists, contact customer service.

9. WARRANTY AND SUPPORT

DaToo is committed to providing quality products. While specific warranty details are not provided in this manual, we offer professional customer service. If you encounter any issues or have questions regarding your DaToo Clip On Aquarium Light, please contact our customer service team. We aim to reply and assist you within 24 hours.

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