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HG251 USER MANUAL

hygger VertiScreen Aquarium Light



hygger VertiScreen Aquarium Light offers high-performance illumination for your aquarium. With years of expertise in the field, we are proud to be a pioneer in full-spectrum lighting technology. This light is easy to set up and simple to program, making it ideal for both beginners and professionals.

Please read this manual carefully before use and strictly follow all instructions.

1.PRODUCT FEATURES

- Energy-efficient premium 5054/2835 LEDs deliver powerful illumination.
- Built-in 24/7 timer with memory function, plus a customizable DIY timer mode.
- LED display screen for easy mounting and simple operation.
- Adjustable mounting brackets fit various aquarium sizes.
- Full-spectrum lighting, ideal for both planted tanks and freshwater aquariums.

2.PRODUCT SPECIFICATIONS

MODEL	HG251-18W	HG251-24W	HG251-40W
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
OUTPUT VOLTAGE	DC 20V 0.9A	DC 20V 1.2A	DC 20V 2.4A
LED QUANTITY	84 PCS	126PCS	168PCS
LIGHT SIZE (WITHOUT BRACKET)	12 INCHES (30.5CM)	16.9 INCHES (43CM)	22.8INCHES (58CM)
SUITABLE TANK SIZE	12-18 INCHES (30-45CM)	18-24 INCHES (45~60CM)	24-30INCHES (60-75CM)
POWER CORD	4.7 ft+1.8ft(1.44m+0.55m)		

MODEL	HG251-56W	HG251-68W	HG251-84W
INPUT VOLTAGE	AC 100-240V	AC 100-240V	AC 100-240V
OUTPUT VOLTAGE	DC 20V 2.8A	DC 20V 4.2A	DC 20V 4.2A
LED QUANTITY	210PCS	252PCS	294PCS
LIGHT SIZE (WITHOUT BRACKET)	28.7INCHES (73CM)	34.6INCHES (88CM)	46.5 INCHES (118CM)
SUITABLE TANK SIZE	30-36 INCHES (75-90CM)	36-42 INCHES (90-107CM)	47-54INCHES (120-137CM)
POWER CORD	4.7 ft+1.8ft(1.44m+0.55m)		

3.CONTROLLER DIAGRAM

Important Reminder:

1) After powering on, press and hold Set to set the local time first.

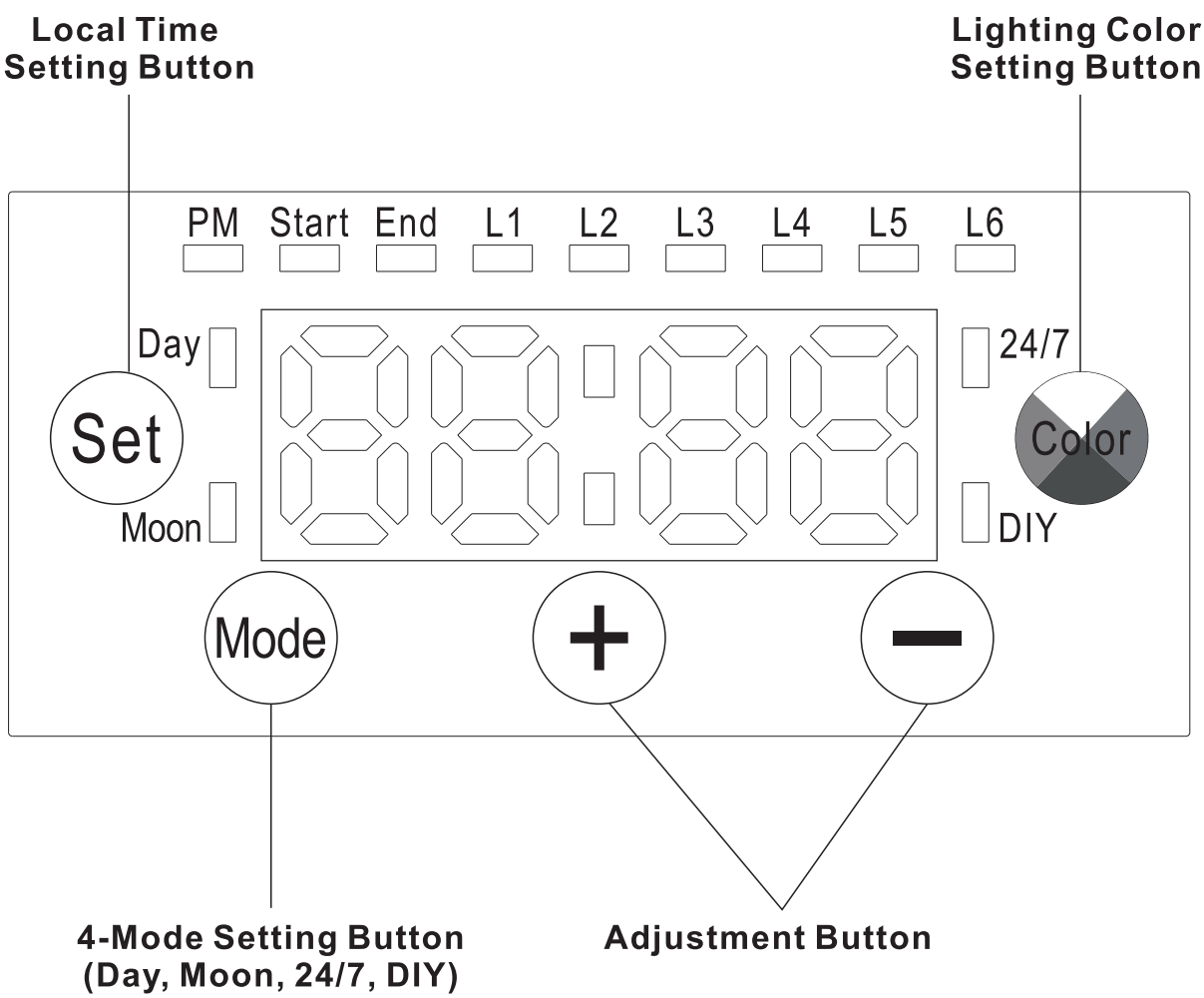
2) In any mode, press Color to exit settings.

3) In any mode, pressing and holding Mode will access the settings only when the mode is in the ON state. When the mode is OFF, settings cannot be accessed.

4) Press and hold Set + Color simultaneously to restore factory defaults.

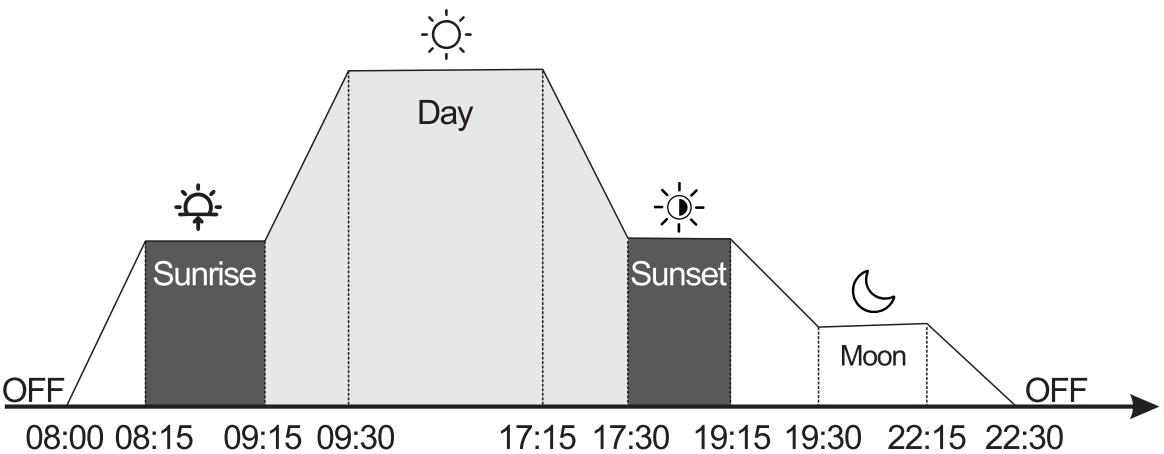
5) POWER TURN ON OR TURN OFF

- **Press and hold the Color button to turn off the light.**
- **Short press to switch the 9 colors .**



4.BASIC BUTTONS & FUNCTIONS

Function Buttons	Operations
Set Local Time Setting Button	① Press and hold Set , then press " + " or " –" to select either 24H or 12H time format. ② Briefly press Set again to confirm and enter the "hour" setting. Use " + " or " –" to adjust the "hour", then press Set to save and proceed to the "minute" setting. ③ Finally, briefly press Set to confirm. The local time is completed.
Mode 4-Mode Setting Button	① Briefly press Mode , the indicator for "Day" lights up and then press " + " or " –" button to select the ON or OFF status. ② In ON status ,press and hold Mode , the indicator for "Start" lights up, then press " + " or " – " button to set the Start Time (Day). ③ Briefly press Mode , the indicator for "End" lights up, then press " + " or " – " button to set the End Time (Day) . ④ Briefly press Mode , the display shows " C0-" ,press Color to select one of color from (C01 full-spectrum white-->C02 red-->C03 green-->C04 blue-->C05 purple-->C06 yellow-->C07 cyan-->C08 magenta-->C09 gradient). ⑤ Briefly press Mode , the display shows " L----" (L005 = minimum brightness. Adjusts in 5% increments.), then press " + " or " – " button to adjust the brightness level from 5%~100% . ⑥ Briefly press Mode to save the "Day" settings, and the screen will display the local time. ⑦ Continues to press Mode 2 times , entering "Moon" settings, the indicator for "Moon" lights up and then press " + " or " – " button to select its ON or OFF status. Set the Start and End Time for "Moon", repeat steps ② through ⑥.

Function Buttons	Operations
24/7 Mode Setting	**Default Time, Color, and Brightness Settings:** L1 8:00 – 9:30 Orange 100 % (Color fixed; brightness and time are adjustable.) L2 9:30 – 17:30 White 100 % (Color fixed; brightness and time are adjustable.) L3 17:30 – 19:30 Orange 100 % (Color fixed; brightness and time are adjustable.) L4 19:30 – 22:30 Blue 100 % (Color fixed; brightness and time are adjustable.) L5 22:30 – 7:59 Shut off 0 % (Off at 0% brightness)  In 24/7 mode, the setting steps for L1–L4 are as below. (L5 settings are default.) ① Briefly press Mode to switch to 24/7 mode, at that time, the indicator for "24/7" lights up. ② Press " + " or " –" button to select ON or OFF status. After selecting ON, press and hold Mode for 3 seconds to enter the "hour" setting for L1. Use " + " or " –" button to adjust the "hour", then press Mode to switch to the "minute" setting and use " + " or " –" button to adjust the "minute". ③ Briefly press Mode to enter the End Time setting. ④ Briefly press Mode , the display shows " L----" . Use " + " or " –" to set the brightness from 5% to 100%.

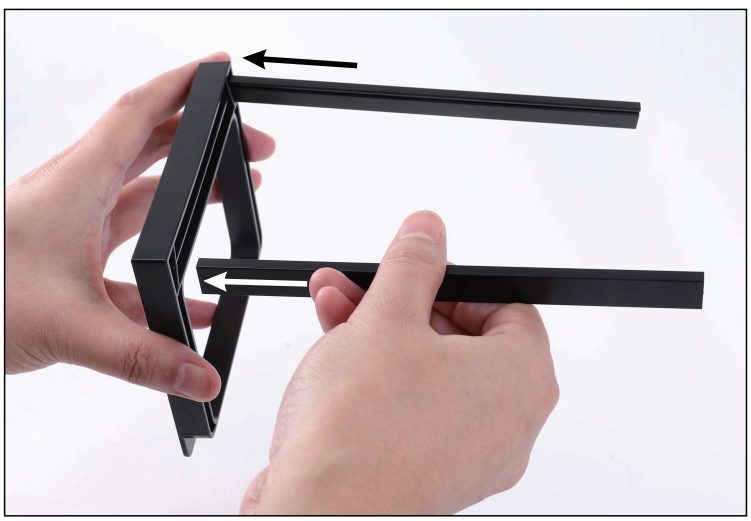
	⑤ Continue to press Mode to enter the L2 End Time and Brightness setting. ⑥ L3 and L4 follow the same setting steps as L2. ⑦ The End Time and Brightness for L5 are default; they are preset by the program to end 1 minute before the L1 Start Time. The 24/7 mode setup is now complete. ⑧ Finally, press Mode to save all settings and start the program. ⑨ To exit the 24/7 mode at any time, press Color . **Note:** **1:Only currentday schedules can be set, crossday settings are not allowed.** **2: Each time segments must not overlap, next "Start" time = previous "End" time)**

Function Buttons	Operations
DIY Mode Setting	In DIY mode, you can adjust the time, color, and brightness for each of the L1~L6 periods. ① Briefly press Mode to switch to DIY mode, at that time, the indicator for "DIY" lights up. ② Press " + " or " –" button to select ON or OFF status. After selecting ON, press and hold Mode for 3 seconds to enter the "hour" setting for L1. Use " + " or " –" button to adjust the "hour", then press Mode to switch to the "minute" setting and use " + " or " –" button to adjust the "minute". ③ Briefly press Mode to enter the End Time setting. ④ Briefly press Mode , the display shows " C0-" ,press Color to select one of color from (C01 full-spectrum white-->C02 red-->C03 green-->C04 blue-->C05 purple-->C06 yellow-->C07 cyan-->C08 magenta-->C09 gradient). ⑤ Briefly press Mode again to access the brightness setting (L----; L005 = minimum brightness, adjustable in 5% increments). Use " + " or " –" to set the brightness from 5% to 100%. ⑥ Continue to press Mode to enter the L2 End Time, Lighting Color and Brightness setting.

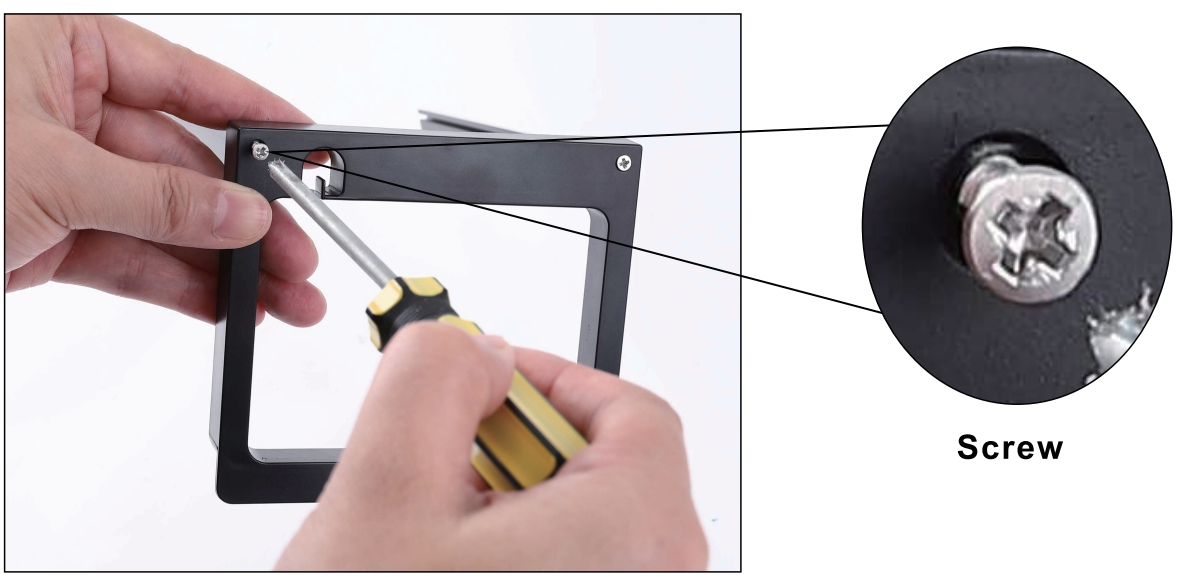
	⑦ L3 and L5 follow the same setting steps as L2. ⑧ The End Time and Brightness for L6 are default; they are preset by the program to end 1 minute before the L1 Start Time. The DIY mode setup is now complete. ⑨ Finally, press Mode to save all settings and start the program. ⑩ To exit the DIY mode at any time, press Color . **Note:** **1:Only currentday schedules can be set, crossday settings are not allowed.** **2: Each time segments must not overlap, next "Start" time = previous "End" time)**

5.BRACKET ASSEMBLING GUIDES (ONLY for Model of HG251-24W)

1) Insert the support rods into the corresponding slots on the plastic base.

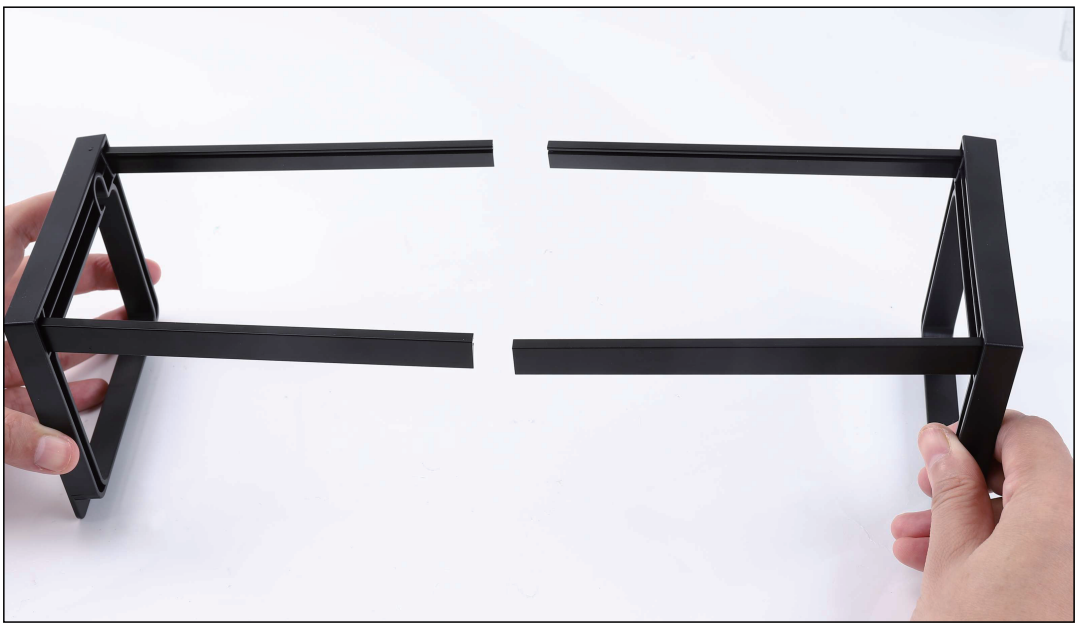


2) Then tighten the screws with a screwdriver.



Screw

3) The bracket assembly is now complete.



6.ATTENTION

✓Please read the manual carefully before using it and follow all instructions.

✓Please keep the switch away from water, the switch is not waterproof.

✓Please keep the light away from flammable items.

✓Please unplug the power and contact the seller if the light is not working properly,

OPENING WILL VOID WARRANTY

✓Please unplug the power before maintenance.

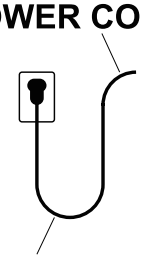
✓Please remember that the temperature range for the light is 23℉~113℉(-5℃~45℃).

7.WARNING

To avoid possible electrical shock, do not immerse the switch in water. If the switch falls into the water, or otherwise becomes wet, do not touch it until you have unplugged it.
Basic safety precautions should be observed including the following:
1. Read and follow this user manual strictly.
2. DANGER-To avoid possible electric shock, special care should be taken. For each of the following situations, do not attempt to repair yourself; return the light to an authorized service facility for service or discard the light.
A. Carefully examine the light after installation. It should not be plugged in if there is water on parts not intended to be wet.
B. Do not operate the light if it has a damaged cord or plug, if it is malfunctioning, or if it is dropped or damaged in any manner. The power cord of this light cannot be replaced, if the cord is damaged, the light should be discarded.

C. To avoid the possibility of the light plug getting wet, position aquarium stand and tank to one side of a wall mounted receptacle to prevent water from dripping onto the receptacle or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord connecting the light to the receptacle. The “drip loop” is the part of the cord below the level of the receptacle, or the connector. If an extension cord is used, to prevent water traveling along the cord and coming in contact with the receptacle. If the plug or receptacle does get wet, DO NOT unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the light. Then unplug and examine for the presence of water in the receptacle.

POWER CORD



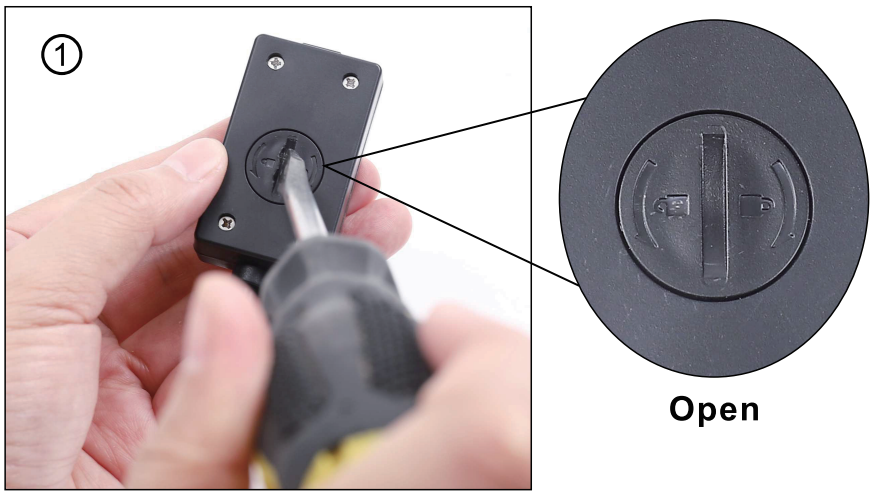
DRIP LOOP

3. Close supervision is necessary when the light is used near children.
4. To avoid injury, do not touch moving or hot parts.
5. Make sure the light is securely installed before operating it.
6. Read and observe all the important notices on the light.
7. If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
8. The light is intended FOR HOUSEHOLD USE ONLY.
9. SAVE THIS USER MANUAL.

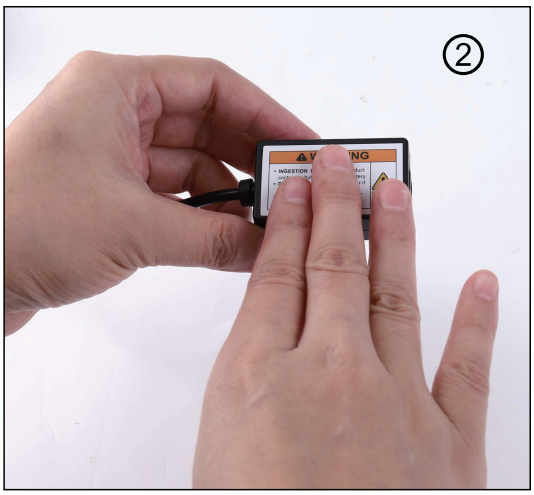
8.WARNING: STATEMENT OF THE BUTTON CELL AND COIN BATTERY

BATTERY ASSEMBLING GUIDES

1) Use a coin or screwdriver to turn the battery cover to  , then give it a firm tap and the cover will fall off.(Figure ①-②)

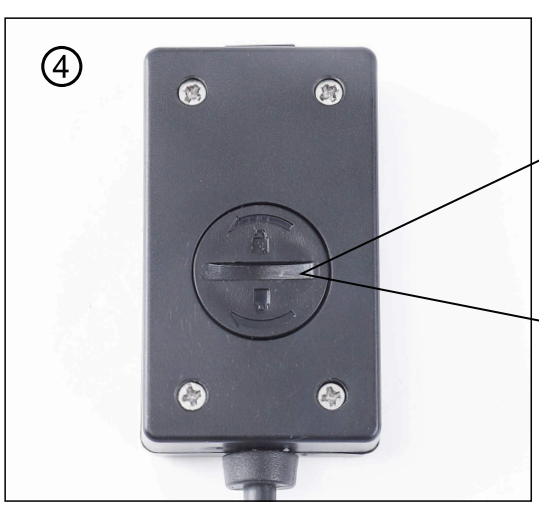


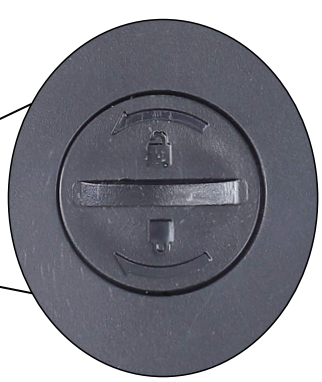
Open





2) After opening the cover, place the battery with the printed side facing up.(Figure ③)





Closed

3) Replace the cover and use a coin or screwdriver to turn it to the horizontal ("—") position. Battery removal/installation is now complete.(Figure ④)

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours.**
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



a)The statement "Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate."
b)The statement "Even used batteries may cause severe injury or death."
c)The statement "Call a local poison control center for treatment information."
d)A statement indicating the compatible CR1220 battery type.
e)A statement indicating the nominal 3V battery voltage.
f) The statement "Non-rechargeable batteries are not to be recharged."
g)The statement "Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting. leakage or explosion resulting in chemical burns."
h) The statement "Ensure the batteries are installed correctly according to polarity (+ and -)."
i)The statement "Do not mix old and new batteries, different brands or types of batteries, such as alkaline. carbon-zinc.or rechargeable batteries."
j) The statement "Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations."
k)The statement "Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children."

9.HYGGER LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer warranty of 3 (2) years from the date of sale if this product was purchased from a hygger®-authorised specialist dealer.

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by hygger® Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period up to 3 (2) years from the date of the original purchase through an Authorized Dealer. Refer to the User Manual included with your product for specific warranty details.

Products have no warranty if:

1.) The product has been serviced, modified or tampered with by anyone other than hygger® Aquatic Supplies.
2.) The product has been abused or damaged (including broken or cracked bulbs), and/ or.
3.) The product has been transported without proper packaging.
4.) The product was purchased from an Unauthorized Reseller.

WARRANTY LIABILITY DISCLAIMER

In no event will hygger® be liable for any consequential or incidental damages, including but not limited to, lost aquatic life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any hygger® products.

1.0. Terms and Conditions of Warranty.
1.1. hygger® warrants to the purchaser, for 3 (2) years from date of original purchase through an Authorized hygger® Reseller, free to repair or replace parts where fault is found due to defective materials or faulty workmanship and where goods do not operate in accordance with the instructions.
1.2. All claims for repair or replacement must be made at place of purchase.
1.3. Only the direct purchaser is entitled to warranty claims against us and these are not transferable without our consent.
1.4. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
1.5. Wear parts (e.g.: seals, suction devices, axes, pump wheels, light sources, pH electrodes, filter media, such as filter cartridges, as well as UVC burners), glass damage and the opening of the product, as well as structural changes or the use of non-hygger® original parts are excluded from the guarantee.
1.6. All goods subject to claim under Guarantee should be prepared for transportation in the original packaging or other comparable packaging which offers the same degree of protection and hygger® must incur no costs from the shipment.
1.7. Where claims on inspection reveal goods are in normal working order, hygger® will request reimbursement of all reasonable costs incurred.
1.8. Warranty claims do not exist in the case of only insignificant deviations from the agreed or customary condition or usability, e.g. insignificant deviations in colour, dimensions and/or quality or performance characteristics of the products.
1.9. Our warranty obligation extends only to the delivery of newly manufactured products. Unless otherwise agreed, used products are sold as seen, excluding any warranty.

For more warranty information, please see the hygger website.

10.DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.



11.PACKING LIST

1× LED Light
1× AC/DC Power Adapter
2× Extendable Mental Bracket
1× User Manual

12.CONTACT INFORMATION

Distributed by: Hygger Aquarium, Inc.
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Website: www.hyggeraquarium.com

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Have a question? We're here to help:
Mon-Fri: 9:00 am - 5:30 pm PST Sat-Sun: Closed

Please scan the QR code for the installation guide.
https://www.hygger-online.com/QR/HG251/

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Note: This is not the after-sales service contact.
Please do not reach out here.



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