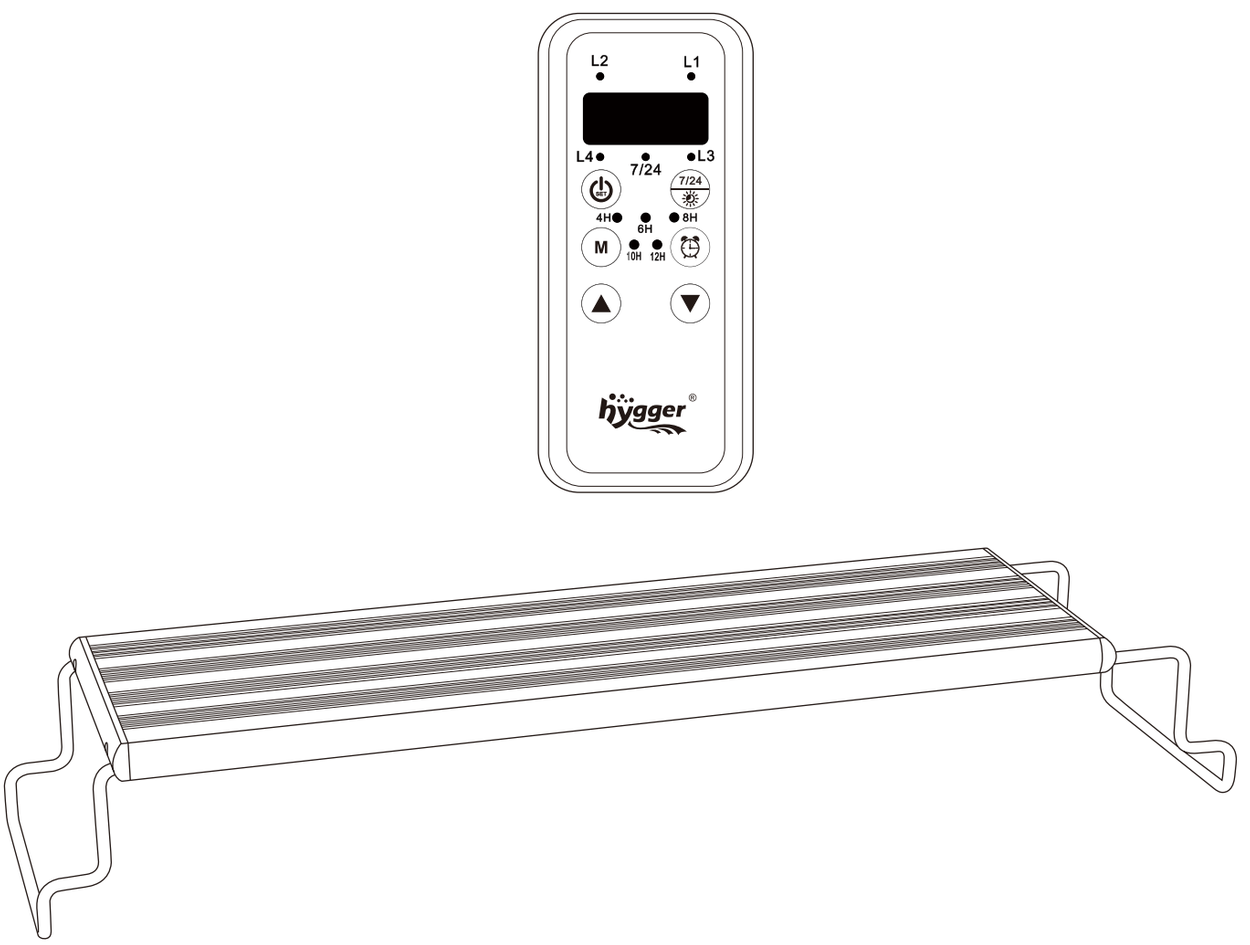
E-mail: distributor@hyggeraquarium.com

Website: www.hyggeraquarium.com

HG343 USER MANUAL

hygger Voice Control Aquarium Light



This smart aquarium bracket light features voice control for convenient operation. It offers multiple intelligent modes, including programmable timers, sunrise and sunset simulation, customized DIY colors, and adjustable brightness. You can easily adjust the light color, intensity, and schedule to create a soft, natural habitat for your fish and aquatic plants. Compatible with most fish tanks, this lamp enhances visual appeal while providing professional-grade lighting that promotes healthy fish growth and beautiful aquascaping.

1.PRODUCT FEATURES

Voice Control: Its built-in voice recognition is a feature exclusively seen in aquarium lighting. Simply speak a command to power on/off, switch modes, or adjust brightness, all without touching a single button. No more wet-hand fumbling during maintenance, for a truly smarter fish-keeping experience.

IP68 Waterproof Rating: Each fixture features a high-quality waterproof coating that provides reliable protection against water, humidity, and dust. Note: Minor condensation or accidental water ingress will not affect normal operation.

Built-In Timer: The fixture comes with an integrated timer for scheduled ON/OFF operation. Choose from 5 preset durations: 4H, 6H, 8H, 10H, or 12H. Once set, the light will turn on at the same time each day and automatically shut off after the selected duration.

Full-color Control with Gradient Mode: Choose from 13 different colors:Full Spectrum/Red/green/blue/pink/cyan/light cyan/yellow/white/purple/green and yellow/light blue/pink-white/gradient. Its gradient mode allows the light to smoothly cycle through the entire color spectrum.

Brightness Adjustment: The controller offers 10 adjustable brightness levels (10%–100% in 10% increments) to suit your various lighting needs.

Programmable 24-Hour Natural Light Cycle: It creates a natural daily rhythm with gradual sunrise, daylight, sunset and moonlight effects within 24 hours. Set your preferred sunrise and sunset times, and the light will automatically follow your schedule each day, creating a stable, natural environment that helps reduce fish stress.

Power-Off Memory: The light will restore the previous light settings after power-on.
Note: 24/7 mode and current time settings are not retained and must be reset after a power outage.

The adjustable metal brackets make it easy to setup.

2.PRODUCT SPECIFICATIONS

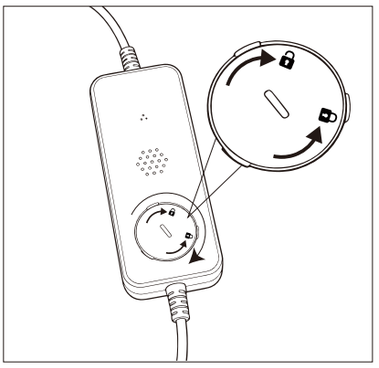
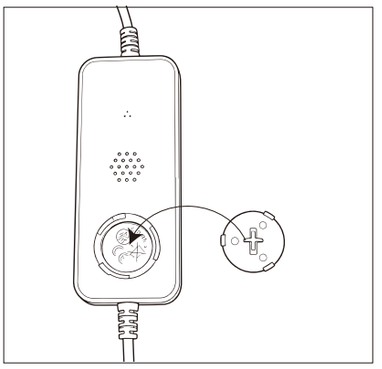
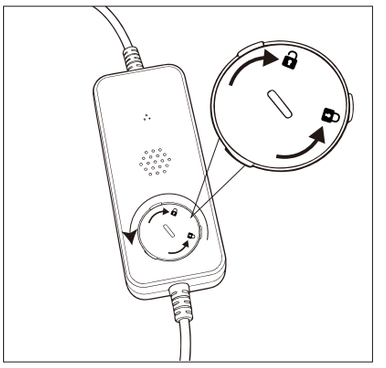
Model	HG343-12W	HG343-18W	HG343-24W
Input voltage	AC 100-240V		
Output voltage	DC12V1A	DC12V1.5A	DC12V2A
LED quantity	90PCS W:48 P:5 R:6 G:3 B:10 RGB:18	128PCS W:62 P:7 R:9 G:4 B:14 RGB:32	148PCS W:70 P:8 R:10 G:5 B:15 RGB:40
Light body size	10.2*3.6*0.4 IN (26 *9.2*1CM)	15.75*3.6*0.4 IN (40 *9.2*1CM)	22.1*3.6*0.4 IN (56*9.2*1 CM)
Bracket size	4.9IN*2 （12.5CM*2）	4.9IN*2 （12.5CM*2）	4.9IN*2 （12.5CM*2）
Applicable tanks size	12-18 INCH (30-45 CM)	18-24 INCH (45-60 CM)	24-30 INCH (60-76 CM)
Power cord	3.9+2.3 FT (1.2+0.7 M)	3.9+2.3 FT (1.2+0.7 M)	3.9+2.3 FT (1.2+0.7 M)

Model	HG343-32W	HG343-36W	HG343-44W
Input voltage	AC 100-240V		
Output voltage	DC12V3A	DC24V1.5A	DC24V2A
LED quantity	196PCS W:97 P:12 R:13 G:6 B:20 RGB:48	240PCS W:117 P:14 R:15 G:8 B:26 RGB:60	276PCS W:131 P:15 R:18 G:10 B:30 RGB:72
Light body size	28.0*3.6*0.4 IN (71*9.2*1 CM)	34.0*3.6*0.4 IN (86.3*9.2*1 CM)	44.1*3.6*0.4 IN (112*9.2*1 CM)
Bracket size	4.9IN*2 （12.5CM*2）	7.9IN*2 （20CM*2）	7.9IN*2 （20CM*2）
Applicable tanks size	30-36 INCH (75-90 CM)	36-42 INCH (90-107 CM)	47-54 INCH (120-137 CM)
Power cord	3.9+2.3 FT (1.2+0.7 M)	3.9+2.3 FT (1.2+0.7 M)	3.9+2.3 FT (1.2+0.7 M)

3.INSTRUCTIONS

1）Quick Start Guide

Step 1. Unpack all components. Press down on the battery compartment cover and gently turn it clockwise to loosen it. Turn the controller face up and tap it to allow the battery cover to fall off. Install the batteries, align the cover with the slots inside the compartment, press down, and turn it counterclockwise to lock it in place.Place the button battery into the controller as shown.

Note: The button battery helps maintain the local time during a power outage.
With the button battery installed: You do not need to reset the local time after a power outage, but you must reselect the 24/7 mode.
Without the button battery: You must reset the local time and reselect the 24/7 mode after a power outage.

Step 2. Position the light over the aquarium, adjusting the extendable legs until it fits securely and stably on your aquarium.
Step 3. Plug the transformer into the outlet first, then connect the light fixture to the light connector port.
Note: This sequence must be followed strictly. Failure to do so may cause voltage spikes that could damage the controller.
Step 4. Press ON/OFF button to turn on the light.
hygger LED fixture will now operate in its default programming mode (10% full spectrum).
Follow instructions to customize.
Please visit Amazon product detail page for installation videos.

2）Voice Commands

Power On: Say **“Hey hygger”** to activate the voice control function. When successfully activated, indicator L1 will turn on. If no command is given within 30 seconds, L1 will turn off and the unit will exit voice control mode.

24/7 Mode Activation: Say “Smart mode” .

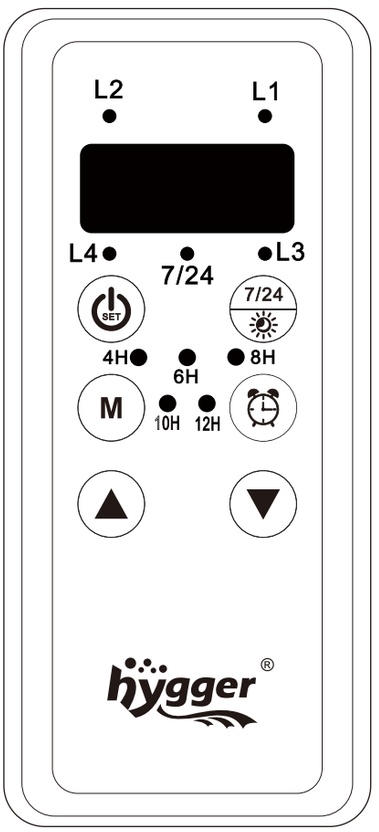
Timer Setting: Say "Timer" + 4/6/8/10/12 hours.(e.g., "**Timer 8 hours**")

Color Selection: Say the color you want: Full spectrum/ Red/green/blue/pink/cyan/light cyan/yellow/white/purple/green and yellow/light blue/pink-white/gradient. **(**e.g. **"Red light", "Green light", "Blue light", etc.).**

Brightness Adjustment: Say “Brightness” + 10/20/30/40/50/60/70/80/90/100%. (e.g., "**Brightness 80%**")

Note: If the light does not respond well to remote commands, turn the controller face down or on its side for better signal reception. Also, excessive ambient noise may interfere with command recognition.

3）Controller Function Instructions



Power/ SET Button： Press it briefly to turn light fixture and controller ON/OFF. Press and hold it to set the local time.

Color Switch:
Press it to select lighting color: Full spectrum/red/green/blue/pink/cyan/light cyan/yellow/white/purple/green and yellow/light blue/pink-white/gradient.

24/7 Mode： Press it briefly to run a programmable light. Press and hold to activate 24/7 DIY Mode.

Timer： Press to choose from 5 timer settings: 4H, 6H, 8H, 10H, or 12H.

Brightness Adjustment： Press ▲ to increase the light's brightness level. Press ▼ to decrease the light's brightness level.

4）Programming Guide

a.**Turn the Lights ON/OFF**
You can also say "**Hey Hygger**" to turn on the light, or press to turn the light and controller display ON/OFF.

b.**Programming Settings**

● Set TIMER Mode

1.Speak the command: "Timer" + 4/6/8/10/12 hours.(e.g., "**Timer 8 hours**")

2.Speak the command: "Full spectrum/Red/green/blue/pink/cyan/light cyan/yellow/white/purple/green and yellow/light blue/pink-white/gradient light" to adjust the color of light. **(**e.g. **"Red light", "Green light", "Blue light", etc.)**.

3. Speak the command: "Brightness" + 10/20/30/40/50/60/70/80/90/100%. (e.g., **"Brightness 80%"**) to adjust brightness.

For controller adjustments, refer to below instructions:

① Press (M) to set your desired lighting color - light turns Full spectrum.

② Press (M) again - light turns red. Keep pressing (M), light will change to green,blue, pink, cyan, light cyan, yellow, white, purple, yellow-green, light blue,pink-white and gradient light in order. Pick your desired lighting color.

③ Press (▲) to set brightness's intensity - 20% indicator light on.

④ Press (▲) again - 30% indicator light on. Continue to press briefly (▲) and (▼) to select your desired brightness.

⑤ Press (⏰) to set timer function - 4H indicator light on.

⑥ Press (⏰) again - 6H indicator light on. Keeps on repeat this step until the desired timer display.

⑦ The light will turn on precisely at your scheduled time and automatically shut off when the timer ends.

Note:
Timer Programming

Set Start Time: Program the light to turn on at your desired time. For example, to start at 7:20 AM, set the start time to 07:20.

Select Duration: You can choose from 4H, 6H, 8H, 10H, or 12H.

Example: If you set a 4H timer with a start time of 08:00, the light will turn off at 12:00 and automatically restart at 08:00 the next day.

ATTENTION: Once programmed, do not press any button on the inline controller. Manual operation or mode changes will cancel the active timer schedule.

● Setting 24/7 Mode

Before setting the 24/7 Mode, set the Local Time first. Press and hold SET for 3 seconds. Indicator ●**L3** lights up and the digital tube flashes to enter Local Time setting mode. Press ▲ / ▼ to adjust the " Hour" and "Minute" time. After setting the "Hour", briefly press SET to switch to "Minute" setting. Once calibration is complete, press SET again to exit the Local Time setting function.

24/7 Mode Default Settings:

When the light is in wake-up state (L1 lit), you can activate the 24/7 Mode by speaking the command "**Smart mode**" or press the 24/7 button 7/24 .

The time periods for 24/7 Mode are as follows:

08:00: Light turns on, starting at 10% orange light.

08:00–09:00: Gradually shifts from 10% orange light to 10% yellow light.

09:00–10:00: Switches to full spectrum, gradually ramps from 10% to 40% brightness.

10:00–12:00:Gradually increases from 40% to 60% brightness.

12:00–13:30: Gradually increases from 60% to 100% brightness.

13:30–14:00: Maintains 100% brightness.

14:00–17:00: Gradually fades from 100% to 60% brightness.

17:00–19:00: Gradually fades from 60% to 30% brightness.

19:00–21:00: Gradually fades from 30% to 10% brightness.

21:00–22:00: Enters Night Mode, the light turns blue and brightness gradually fades from 100% to 0%.

22:00: Light turns off.

● Setting 24/7 DIY Mode

Press and hold 7/24 for 3 seconds. Indicator **L4●** lights up and the digital tube flashes to enter Local Time setting mode. Press ▲ / ▼ to adjust the " Hour" and "Minute" time. After setting the "Hour", briefly press 7/24 to switch to "Minute" setting. Once calibration is complete, press 7/24 again to exit the Local Time setting function.

Example: The default 24/7 Mode cycle is 8:00 ON and 22:00 OFF.
If you set the start time to 7:00, the light will shut off at 21:00 and will run on a 7:00–21:00 cycle starting the next day.
If you set the start time to 10:00, the light will shut off at 24:00 and will run on a 10:00–24:00 cycle starting the next day.

Note: Once programmed, do not press any button on the inline controller. Manual operation or mode changes will cancel the 24/7 Mode settings.
If a occurs power outage or the light is manually switched off, you need to reset the local time and the time settings for the 24/7 DIY Mode.

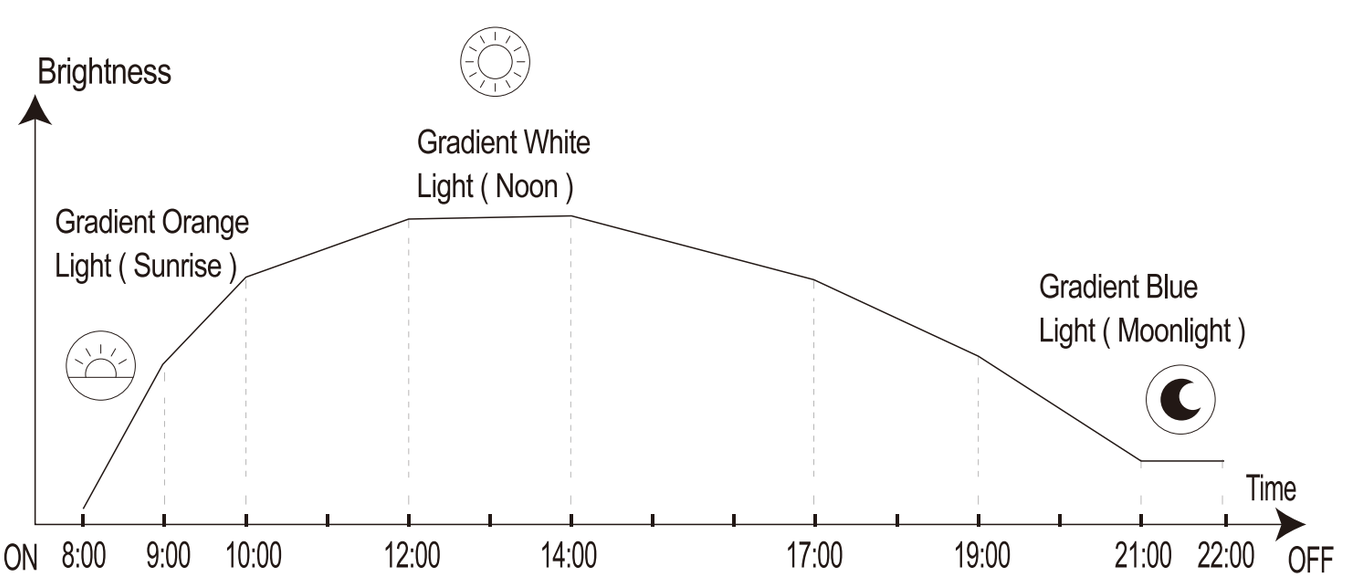
● Setting Gradient Mode

① Press **M** - light turns Red， Green, Blue, Pink, Cyan, Light Cyan, Yellow, White, Purple， green and yellow, light blue, pink-white, and enters Gradient Mode.

② You can also speak the command "**Gradient light**" to enter Gradient Mode.

5) 24/7 Light Cycle Overview

Please review the following light cycle diagram:



4. ATTENTIONS

√ Please read this user manual carefully before using and follow it strictly.
√ Please do not expose this light to prolonged water contact or submersion.
√ Please keep the light away from flammable items to avoid accidents.
√ 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 mind that the temperature range for the light is between 23℉~113℉ (-5℃~45℃).

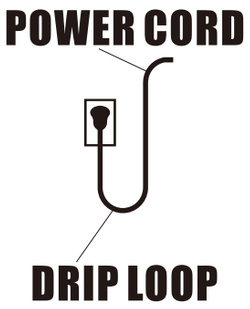
5. WARNING

To avoid possible electric shock, do not immerse the switch in the water. If the switch falls into the water or becomes wet, do not touch it until you have unplugged it. Basic safety precautions that should be observed are as follows:
1.Read and follow this user manual strictly.
2.DANGER- To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself. Instead, return the light to an authorized service facility for maintenance or discard it.

A.Carefully examine the light after installation. It should not be plugged in if there is water on parts that are not intended to be wet.

B.Do not operate the light if it has a damaged cord or plug, is malfunctioning, 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 the aquarium and its stand to one side of a wall mounted outlet to prevent water from dripping onto the outlet or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord, which connects the light to the outlet. If an extension cord is used, the “drip loop” is the part of the cord below the level of the outlet or the connector that prevents water from traveling along the cord and coming in contact with the outlet. If the plug or outlet 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 outlet. If you are not sure, consult a certified electrician.



3.Close supervision is necessary when the light is used near children.

4.To avoid injury, do not contact 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, such as rated amperes or watts. A cord rated for fewer 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.

6. 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.

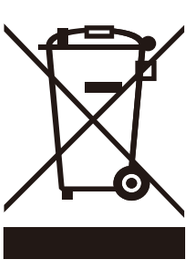
1.8. Warranty claims do not exist in the case of only insignificant deviations from the agreed or customary condition or usability, e.g. insignificant deviations in colour, dimensions and/or quality or performance characteristics of the products.

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.

7. 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.



8. PACKING LIST

1 x Light with Controller

1 x DC Adapter

2 x Metal Extendable Bracket

1 x User Manual

9. CONTACT INFORMATION

Distributed by: Hygger Aquarium, Inc.

13941 Magnolia Ave, Chino, CA 91710

E-mail: distributor@hyggeraquarium.com
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

EC REP	E-CrossStu GmbH Mainzer Landstr. 69,60329 Frankfurt am Main E-CrossStu@web.de +49 69332967674
UK REP	YH Consulting Limited C/O YH Consulting Limited Office 147,Centurion House,London Road, Staines-upon-Thames,Surrey, TW18 4AX,London H2YHUK@gmail.com +44 07514-677868

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

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