



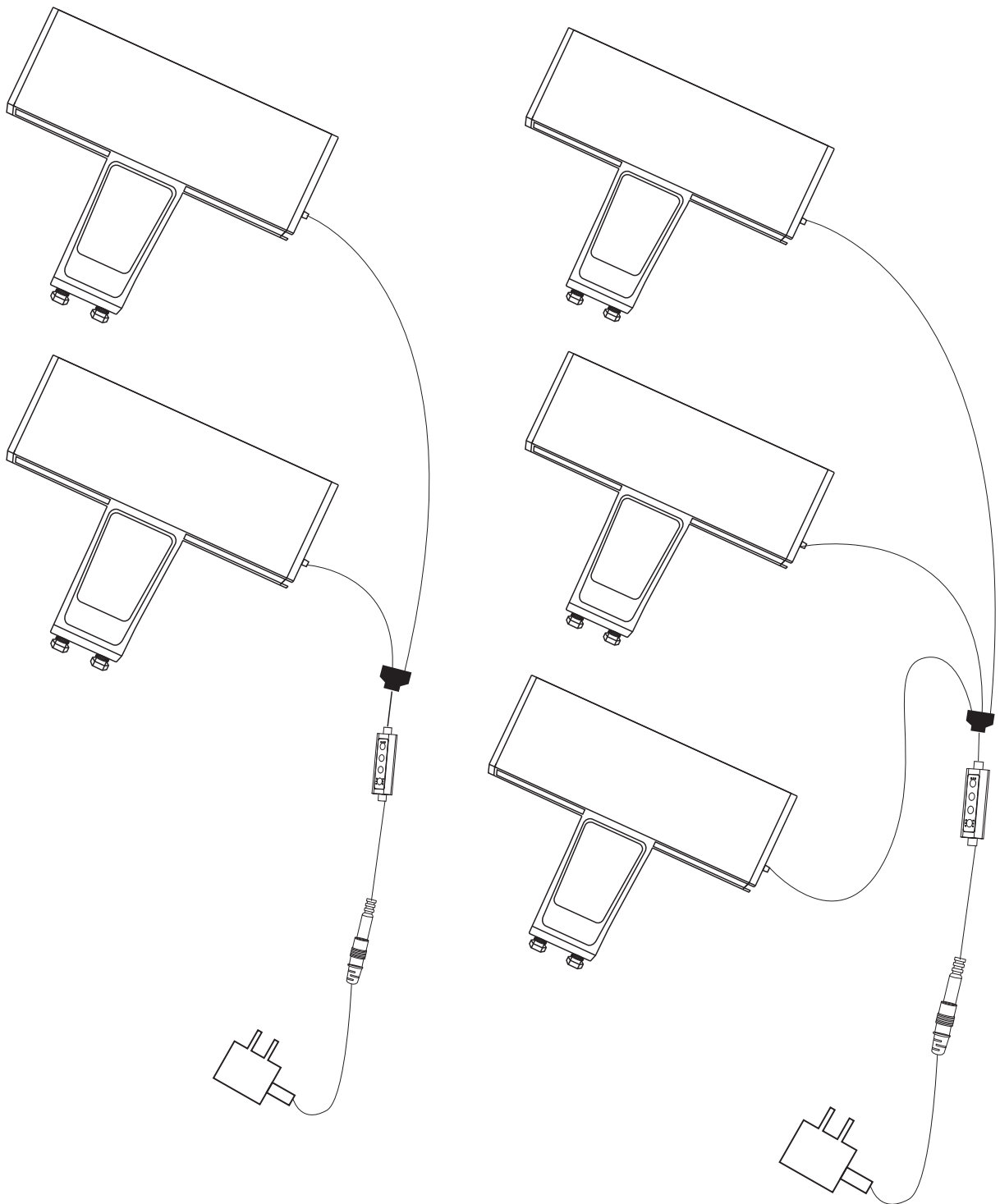
E-mail: [distributor@hyggeraquarium.com](mailto:distributor@hyggeraquarium.com)

Website: [www.hyggeraquarium.com](http://www.hyggeraquarium.com)



# HG247 USER MANUAL

hygger Linkage Clip On Aquarium Light



**HG247-T2-24W**

**HG247-T3-36W**

The hygger Linkage Clip On Aquarium Light is intended for planted aquarium and applicable for multiple aquariums. Please read this manual carefully before using and follow the instructions carefully.

# 1. PRODUCT FEATURES

**Super Bright:** Premium 5050 and 2835 LEDS provide bright illumination for your plants, fish, and enhance the aesthetic appeal of your tank.

**Adjustable Timer:** Lighting time can be programmed to 6H, 10H and 12H.

**Adjustable Brightness:** It can be adjusted to 9 levels of brightness  
(10%-25%-50%-75%-100%-75%-50%-25%-10%)

**24 / 7 Lighting Mode:** This fish tank light creates a natural 24-hour rhythmic light cycle in which sunrise, sunset and moonlighting are all included.

**Multi-use Tank Use:** It is suitable for 2 tanks or 3 tanks use.

**Suitable for Plants and Freshwater:** The full-spectrum bulbs can produce different colors to your liking.

# 2. PRODUCT PARAMETERS

|                              |                                                                                          |                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| MODEL                        | HG247-24W                                                                                | HG247-36W                                                                                |
| POWER                        | 24W                                                                                      | 36W                                                                                      |
| INPUT VOLTAGE                | AC100-240V                                                                               |                                                                                          |
| OUTPUT VOLTAGE               | DC20V                                                                                    |                                                                                          |
| LED QUANTITY                 | 2*47PCS (2LIHGTS)<br>W: 2*26PCS<br>B: 2* 3 PCS<br>R: 2*3PCS<br>G: 2*3PCS<br>RGB: 2*12PCS | 3*47PCS (3LIHGTS)<br>W: 3*26PCS<br>B: 3* 3 PCS<br>R: 3*3PCS<br>G: 3*3PCS<br>RGB: 3*12PCS |
| LIGHT SIZE (without Bracket) | 7.5"(19cm)+7.5"(19cm)                                                                    | 7.5"(19cm)+7.5"(19cm)+7.5"(19cm)                                                         |
| APPLICABLE TANK SIZE         | 20-30Gallons (75-115L)Tank                                                               | 30~60Gallons (115-227L)Tank                                                              |
| POWER CORD                   | 4.6ft(140cm)+1.1ft(34cm)+4.6ft(140cm)                                                    |                                                                                          |

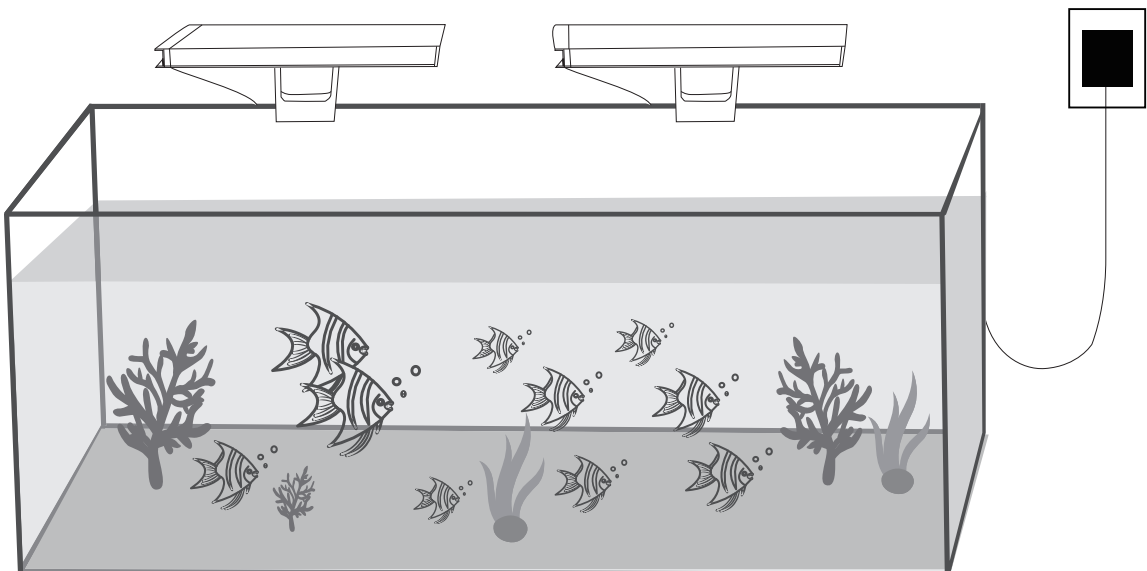
### 3. METHOD OF APPLICATION

A. Unpack the box and check that if the light and other accessories are included. If any parts are missing, please contact seller.

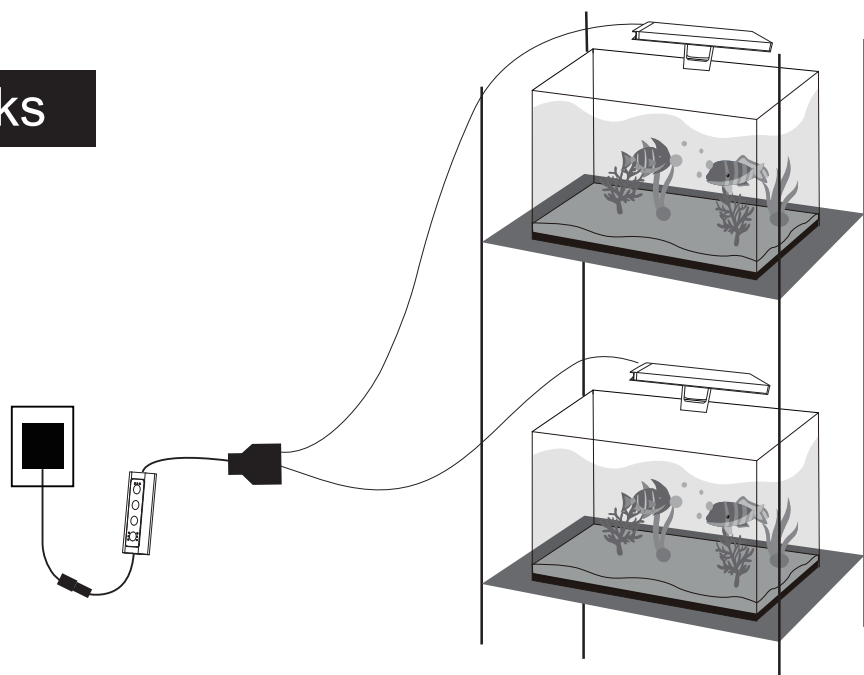
B. Place the clip light in the proper position of the fish tank and fix it with plastic screw. The following are the uses of these special lights.

#### Application for HG247-T2:

Use for a large tank

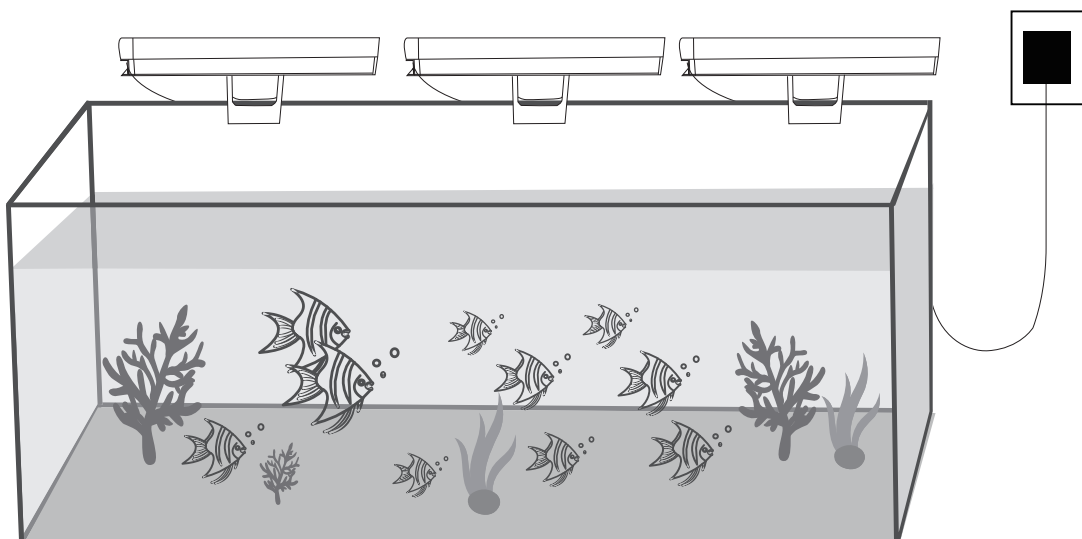


Use for 2 tanks

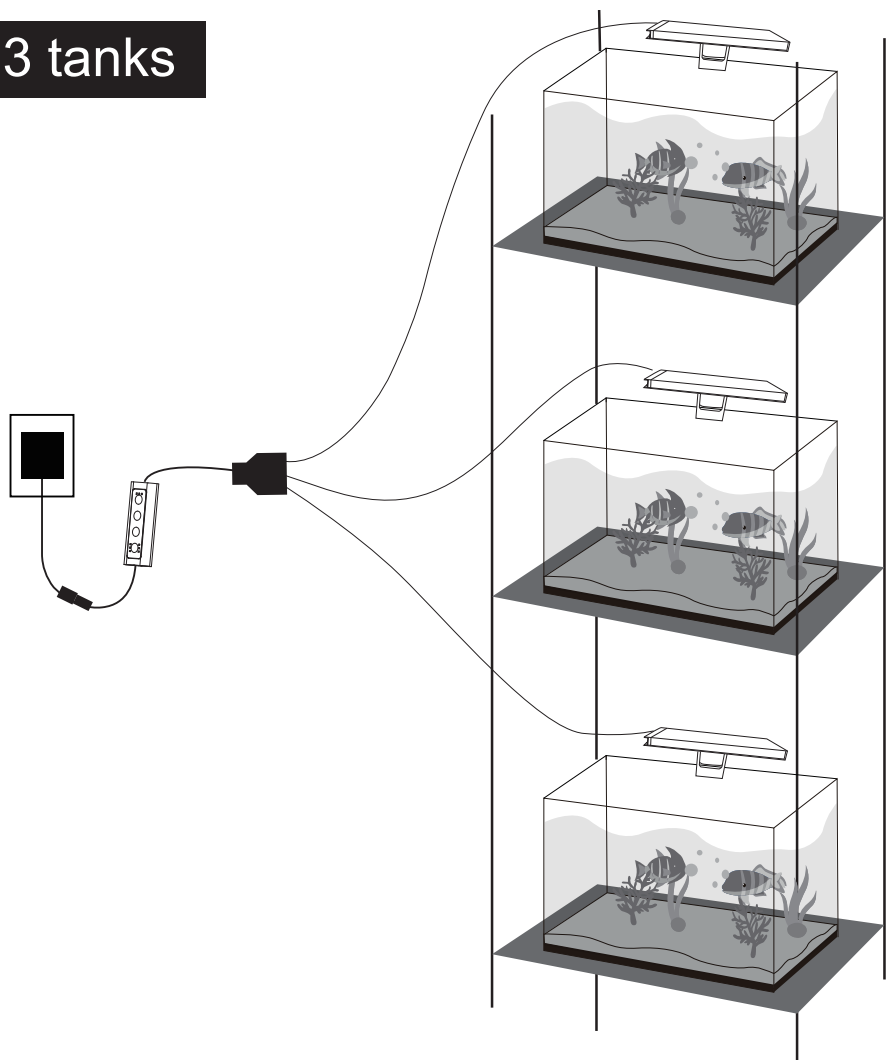


#### Application for HG247-T3

Use for a large tank



Use for 3 tanks



## Controller Panel Instruction:

The controller panel features several controls: a 'TIMER' indicator with '6H 10H 12H' options; a 'TIMER' button; a 'Power/Mode' button with a power symbol and 'M'; a brightness adjustment button with up/down arrows; and a '24/7' mode button. A small digital display shows a 24-hour clock cycle with times: 8:00, 10:00, 12:00, 15:00, 18:00, and 22:00.

Timer Indicator:6H/10H/12H

**Timer Button**  
Timer indicator light go out and the light run all day

**Power/Mode Button**

- Short press turn on the light, long press turn off the light.
- Short press change the individual color from:  
white-red-blue-green-purple-orange-cyan

-Color Changing Loop  
PS: If the light is on the cycling mode (light color keeps changing), you can only change the timer, you can not change the brightness.

**Brightness Button**  
Adjustable Brightness: It can be adjusted to 9 levels  
(10%-25%-50%-75%-100%-75%-50%-25%-10%) of brightness.

**24/7 Mode**  
This fish tank light creates a natural 24-hour rhythmic light cycle in which sunrise,sunset and moonlighting are all included.

C.Power on and turn on the switch.

Press  button to turn on the light. Long press the same button to turn off the light.

There are two lighting modes for your option.

**The first one is the lighting mode on the timer. You can alter light color, intensity and lighting time at this mode. When you choose lighting mode, please follow below steps to set the light** (1. Set the light color 2. Set the timer 3. Set the brightness), at this mode you can adjust the appropriate brightness as required. If it is too bright, it will raise the water temperature slightly.

1.Press  button to choose the light color you want: white→red→blue→green→purple→yellow→cyan→Color Changing Loop

PS: If the light is on the cycling mode (light color keeps changing), you can only change the timer, you can not change the brightness.

2.Press  button twice, the light becomes 100% full-spectrum light.

3.Press  button to select the lighting time: 6H, 10H, 12H, No timer. Press  button to choose 6 hours, the indicator light on the top of the timer button turns on red. Press  button twice, choose 10 hours, the indicator light flashes green. Press  button three time, choose 12 hours, the indicator light flashes blue.

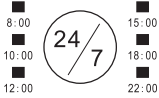
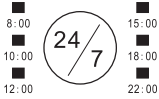
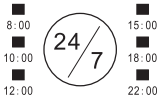
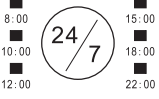
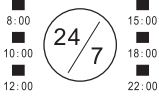
For example, if you choose 10H at 9am, this light will be automatically turned on at 9:00 am and turn off at 7:00 pm every day.

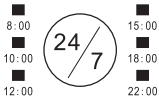
4.Press  button to adjust the brightness from 1 to 9 levels (10%-25%-50%-75%-100%-75%-50%-25%-10%).

Once the lighting mode is set up, the light will slowly ramp up and down in 15 minutes on the following day.

You need to reprogram the light after power-off.

**The second lighting mode is 24 / 7 lighting mode. In this mode the light will slowly wake up your fish by emitting dim orange light at dawn. It will emit bright full spectrum light at day and blue light at night. Once it is set, the light will automatically be turned on and off at the same time every day. In this mode, the light color and intensity cannot be changed. The indicator light at the top of the hour indicates the current time range.**

- Press  button once to choose 8:00, the indicator light is red.
- Press  button twice to choose 10:00, the indicator light is green.
- Press  button three times to choose 12:00, the indicator light is blue.
- Press  button four times to choose 15:00, the indicator light is red.
- Press  button five times to choose 18:00, the indicator light is green.
- Press  button six times to choose 22:00, the indicator light is blue.

If you'd like to choose this 24 / 7 lighting mode, just press  button to choose the local time range. The light will run the setting by itself.

**Here are the rules:**

1. When you press this button at 8:00, 10:00, 12:00, 15:00, 18:00, or 22:00, the light will turn off at 22:50 and turn on at 06:00 the next day.
2. If you made the timer think it was an hour earlier than it really was. It would turn off an hour earlier than 22:50 and turn on an hour earlier than 06:00 at the next day. For example, if you choose the  at the time of 17:00, the light will turn off at 21:50 and turn on at 05:00 at the



next day.

3. If you made the timer think it was an hour later than it really was. It would turn off an hour later than 22:50 and turn on an hour later at the next day.

For example, if you choose the  at the time of 19:00, the light will turn off at 23:50 and turn on at 07:00 at the next day.

#### **NOTE:**

1.This 24 / 7 light mode works from 6:00 am to 10:50 pm every day.

2.The timer cannot be programmed during 10:00 pm to 6:00 am.

3.The light has no memory function. When the power is reconnected, the timer will restore to 6 o'clock, and you have to reset the light.

### **4. ATTENTION**

✓Please read the manual carefully before using 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°F~113°F.

### **5. PACKAGE INCLUDED**

2x Lights with controller (3Lights for HG247-T3)

1x AC/DC power adaptor

2x Plastic clip( 3pcs plastic clip for HG247-T3)

1x User manual

### **6. WARNING**

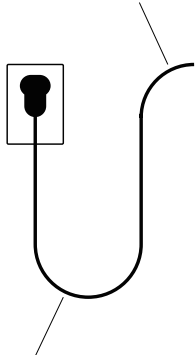
To avoid possible electrical shock, do not immerse the switch in water. If the switch falls into the water, or otherwise becomes wet, do not touch it until you have unplugged it. Basic safety precautions should be observed including the following:

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.If the light falls into the water, DO NOT touch it. First unplug it, then retrieve it. If electrical components of the light get wet, unplug it immediately.
- B.Carefully examine the light after installation. It should not be plugged in if there is water on parts not intended to be wet.
- C.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.
- D.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.

## **7. 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.

## **8. DISPOSAL**

Do not dispose this product as unsorted municipal waste. This product must not be disposed together with the domestic waste it must be disposed of at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly way.



## **9. CONTACT INFORMATION**

Distributed by: Hygger Aquarium, Inc.  
13941 Magnolia Ave, Chino, CA 91710

E-mail: [distributor@hyggeraquarium.com](mailto:distributor@hyggeraquarium.com)  
Website: [www.hyggeraquarium.com](http://www.hyggeraquarium.com)

Trademarks of Shenzhen Mago Trading Co.,Ltd  
Bantian Group Business Center,Longgang,  
Shenzhen City, China  
All Rights Reserved

Made in China



Have a question? We're here to help:  
USA Call: +1 (909) 590-2880  
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



MADE IN CHINA