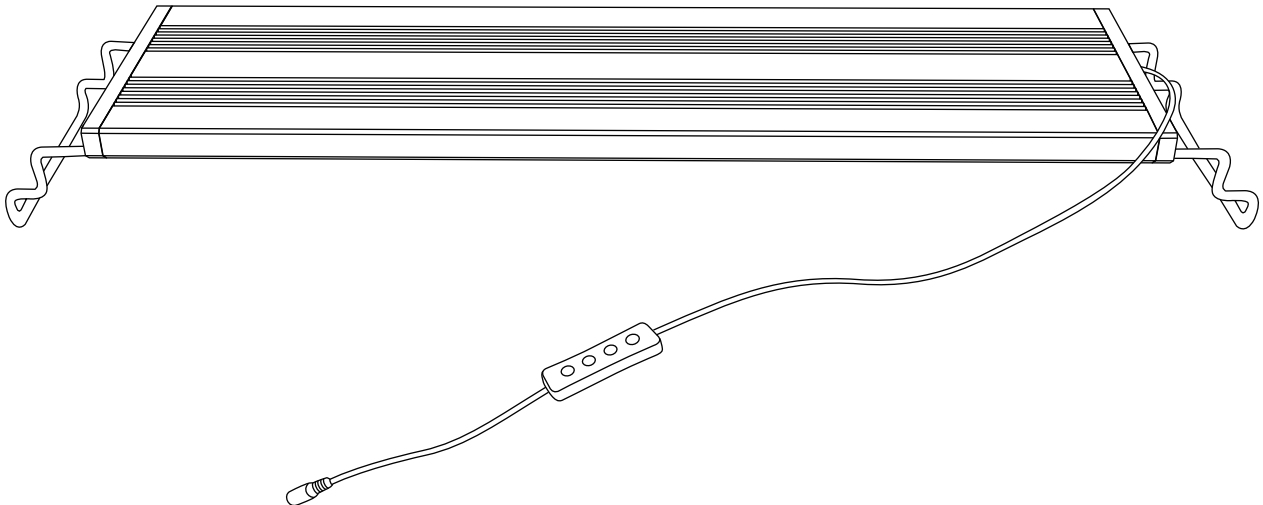




# **AQ109 AQQA Aquarium Bracket Light User Manual**



**The AQQA Aquarium bracket light uses full spectrum beads. It can be used to light aquatic plants and freshwater aquariums.**

# 1. PRODUCT FEATURE

**Full spectrum light:** Full spectrum light imitates the sunlight, and the underlying principle is the same. It is suitable for plants and can significantly promote plant growth.

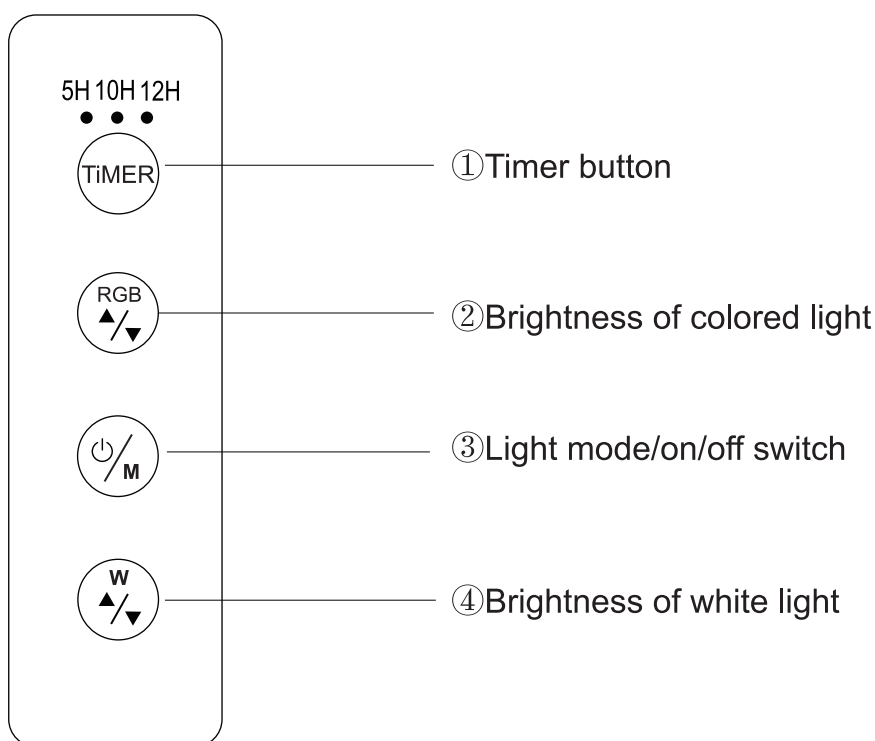
**Timer function:** The timer button offers three lighting cycles (5/10/12 hours). Simply set the desired lighting time, and the lighting switches on and off automatically at the same time every day.

**Memory function:** When the power is restored after a power failure, the lighting resumes working with the previous settings: Neither light color, brightness, nor lighting time need to be reset.

**The brightness of white and colored light can be adjusted individually in 10 levels:**  
(3%-20%-30%-40%-50%-60%-70%-80%-90%-100%)

# 2. PRODUCT SPECIFICATION

Model	AQ109					
Input voltage	AC100-240V					
Output voltage	DC12V					
Power	14W	18W	22W	26W	30W	36W
LED quantity (PCS)	39PCS	54PCS	69PCS	84PCS	99PCS	129PCS
Light size	10"X4"X0.6" (25X10.2X1.6cm)	15.3"X4"X0.6" (39X10.2X1.6cm)	21"X4"X0.6" (54X10.2X1.6cm)	29.1"X4"X0.6" (74X10.2X1.6cm)	37"X4"X0.6" (94X10.2X1.6cm)	45"X4"X0.6" (114X10.2X1.6cm)
Recommended aquarium size	12~18 inches (30~45cm)	18~24 inches (45~60cm)	24~32 inches (60~80cm)	32~40 inches (80~100cm)	40~48 inches (100~120cm)	48~55 inches (120~140cm)
Cord length	2.2m(7.2ft)	2.2m(7.2ft)	2.2m(7.2ft)	2.2m(7.2ft)	2.2m(7.2ft)	2.2m(7.2ft)



### 3. METHOD OF APPLICATION

1. ① **Timer button:** You can select a lighting time of 5, 10 or 12 hours or switch off the timer.

At 5 hours, the red indicator light under the abbreviation 5H flashes continuously, and the light switches off automatically after 5 hours. The light switches on again automatically at the same time the next day.

At 10 hours, the indicator light flashes continuously under the abbreviation 10H, and the light switches off automatically after 10 hours. The light switches on again automatically at the same time the next day.

At 12 hours, the blue indicator light under the abbreviation 12H flashes continuously, and the light will turn off automatically after 12 hours. The light switches on again automatically at the same time the next day.

2. ② **Button for setting the brightness of the colored light:** There are 10 brightness levels available for the colored light: 3% -20% -30% -40% -50% -60% -70% -80% -90% -100%. Please note: The light flashes once briefly if the brightness is set to the maximum or minimum value.

3. ③ **Button for switching on and off and for setting the light mode:** Full spectrum light - Colored light - White light - Off - Full spectrum light (two short button presses to switch to full spectrum light)

4. ④ **Button for setting the brightness of the white light:** There are 10 brightness levels available for the white light: 3% -20% -30% -40% -40% -50% -60% -70% -80% -90% -100%.

**Please note:** The light flashes once briefly if the brightness is set to the maximum or minimum value.

### 4. ATTENTION

✓ Please read this user manual carefully before using and follow it strictly.

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

✓ 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 °F ~113 °F (-5 °C ~45 °C).

### 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.If the light falls into the water, DONOT 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 that are not intended to be wet.

C.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.

D.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 incontact 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.

#### **POWER CORD**



#### **DRIP LOOP**

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. AQQA 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 an AQQA<sup>®</sup>-authorised specialist dealer

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by AQQA<sup>®</sup> 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 AQQA<sup>®</sup> 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 AQQA<sup>®</sup> 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 AQQA<sup>®</sup> products.

#### **1.0. Terms and Conditions of Warranty.**

- 1.1. AQQA<sup>®</sup> warrants to the purchaser, for 3 (2) years from date of original purchase through an Authorized AQQA<sup>®</sup> 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-AQQA<sup>®</sup> 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 AQQA<sup>®</sup> must incur no costs from the shipment.
- 1.7. Where claims on inspection reveal goods are in normal working order, AQQA<sup>®</sup> 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.

## **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**

1x Led light  
1x AC/DC adapter  
2x Stainless steel bracket  
1x User manual

## **9. CONTACT INFORMATION**

Company Name: Shenzhen Aiku Pet Technology Co., Ltd  
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Bantian Street, Longgang District, Shenzhen Guangdong. 518000  
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