骑马钉，单页成品尺寸80*100 纸质：128克铜版纸 黑白印刷
印刷时请去掉黑色边框

purchase date in the event of the product needing repairs within the warranty period. AQQA does not warrant any products that are not AQQA's. This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication, or modified without the written permission of AQQA.

8.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.

9.PACKING LIST

1× Led Light　　1× AC/DC Adapter
2× Metal brackets　　1× User manual

10.CONTACT INFORMATION

Company Name:Shenzhen Aiku Pet Technology Co., Ltd
Add: Room 501,No.20,Lane 1,Lishipai,Dafapu Community Bantian Street, Longgang District, Shenzhen Guangdong. 518000
Email:service@aqqapet.com
Website:http://www.aqqapet.com
If you have any problem, please provide your amazon order id (amazon invoice) and shipping address by E-mail: service@aqqapet.com

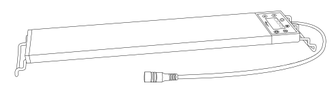
UK REP
Company Name:Acumen IBC Ltd
Address:Ground Floor,94 Ock Street, Abingdon, OX14 5DH"
E-mail:info@ukacumen.com
Tel:+44 7706338663

EC REP
Company Name:EUREP GmbH
Address:Unterlettenweg 1a 85051 Ingolstadt Germany
E-mail:eurep@eurep-gmbh.com
Tel:+49 841 8869 7744

MADE IN CHINA

AQ037 USER MANUAL

AQQA 24/7 AUTO ON & OFF LED AQUARIUM LIGHT



AQQA Aquarium LED lights use full spectral lamp beads. It can be used directly on the aquatic grass tank and freshwater fish tank lighting use.Please read this manual carefully before using and follow the instructions carefully.

If you have any problem, please provide your amazon order id (amazon invoice) and shipping address by E-mail: service@aqqa-pet.com.

1.PRODUCT FEATURES

Programmable design with LCD monitor: The LCD shows that you can run it directly after setting the local time, or modify it as needed. AQQA 24 / 7 Auto-on and off the LED aquarium lights feature programmable, gradual 24-hour light cycle settings (daylight and moonlight),auto on and off

DIY brightness and color: 8 period of DIY can be customized for different brightness in eight time periods. Light color, brightness, and the length of each cycle can be set according to requirements.

Adjustable timer: Light On / Off is adjustable on a timer. To control daytime and night lights respectively. And the use of 6 keys, to realize the operation function is more simple, convenient and fast.

Super bright: Using high-power RGB professional plant growth lamp beads, the led light brightness is stronger. New 5 row of lights, make the light more even.

IP 68 Water-resistant Rating: No need to worry about splashes, or other accidental drops of water. 1.2mm fully-encased premium aluminum shell provides more effective heat transfer and protects the device from humidity and water intrusion. No fan. Low voltage DC adapter, safe to use, and energy saving.

Extensible bracket: Metal bracket more stable and durable, extensible bracket for different sizes of fish tank.

Suitable for plants and freshwater: This full-spectrum LED light is suitable for plants. Create the best conditions for your fish and aquatic plants.

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2.PRODUCT SPECIFICATIONS

MODEL	AQ037		
POWER	12W	16W	24W
INPUT VOLTAGE	AC100-240V		
OUTPUT VOLTAGE	DC20V		
LIGHT SIZE	12 "(30CM)	18"(45CM)	24"(60CM)
LED QUANTITY	48PCS	78PCS	108PCS
APPLICATION	12"~18" (30-45CM)	18"~24" (45-60CM)	24"~32" (60-80CM)
POWER CORD	4.92ft+1.25ft		

MODEL	AQ037		
POWER	30W	36W	44W
INPUT VOLTAGE	AC100-240V		
OUTPUT VOLTAGE	DC20V		
LIGHT SIZE	32"(80CM)	36"(90CM)	48 "(120CM)
LED QUANTITY	138PCS	168PCS	198PCS
APPLICATION	32"~36" (80-90CM)	36"~48" (90-120CM)	48"~54" (120-135CM)
POWER CORD	4.92ft+1.25ft		

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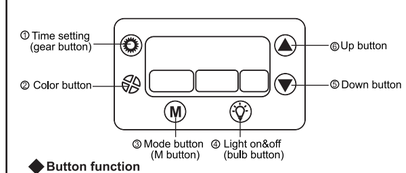
3.INTRODUCTION TO SETTING PANEL



◆Button function

1.Gear button: setting time

2.Color button: long press to turn off the light, short press to turn on the light and adjust light color

3.Mode button (M button): set program mode

4.Bulb button:turn on light &turn off light,turn on full spectrum light

5.Down button:turn down the brightness ,select "on"or "off"

6.Up button:turn up the brightness ,select "on"or "off"

4.INTRODUCTION To SETTINGS

⚠ Local time setting no memory function, power off or reset needs to reset the local time

Method 1: Power on again after power off, need reset the local time

Method 2: Long press the gear button for 3 seconds until the time on screen flashes

Set sequence: set the hour first, then set the minute, and finally set the 12H time system or 24H time system

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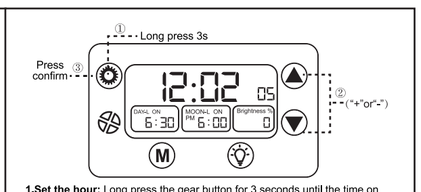
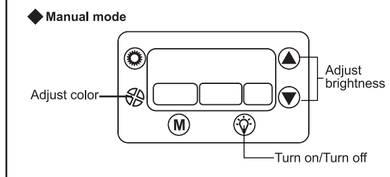


1.Set the hour: Long press the gear button for 3 seconds until the time on screen flashes, press "▲" and "▼" buttons to set the hour, then press the gear button to confirm.

2.Set minute: automatically skip to after setting hour: press "▲" and "▼" buttons to set the minutes, and press the gear buttons to confirm.

3.Set time system: automatic skip to after setting minutes: "12H" appears on the screen, press the "▲" and "▼" buttons to select "12H" or "24H", press the gear button to confirm.

◆Manual mode



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1.Turn on full spectrum light

①Press bulb button to turn on full spectrum light or turn off light.

②Press up button or down button to adjust light brightness, total 5%-100% Tips: Long press "▲" or "▼" buttons can continuous rapid increase or decrease brightness.

2.Turn on color light

①Press color button turn on light by manually.

②Press color button to choose color, total 8 color mode:R red / RG orange / RG yellow / G green / BG cyan / B blue / RB purple/ cycle discoloration.

③Press up button or down button to adjust light brightness, total 5%-100% (cycle discoloration mode unable to adjust brightness.brightness is 100%).

④Long press color button to turn off light.

◆Automatic program mode

⚠Program mode with memory function,power off no need to reset,once reset, needs to be reset.

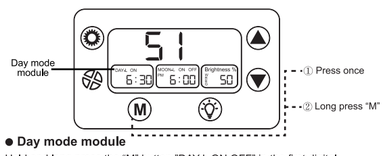
Press the M button once,twice,three times, "51" or "52" or "53" appear on the screen respectively, "51"representing day mode, "52"representing night mode,"53" DIY mode.

1."51" Day Mode

①Press "M" button once,enter "51"day mode

②Hold and long press the "M" button, "DAY-L ON OFF" flashes,enter day mode setting.

❺



● Day mode module

Hold and long press the "M" button,"DAY-L ON OFF" in the first digital square flashes, "ON"means day mode on, "OFF" means day mode off. press the "▲" and "▼" buttons to select "ON" or "OFF", press the "M" button to confirm.

Need light on during the day, select"DAY-L ON", time digital flashing.

(1)Set the time for automatic light on.

a.Set hour:press "▲" and "▼" buttons to set the hour, then press "M" button confirm.

b.Set minute,automatically skip to after setting hour: press "▲" and "▼" buttons to set the minutes, and press "M" button confirm.

(2)After set the time, "Brightness %" start to flash,set the color and brightness of lights.

a.Press the color button to select the desired color brightness,"W" ,"R", "B" ,"G" stands for white, red, blue, green respectively,brightness of each color of brightness is 0% to 100%.

b.Press "▲" and "▼" buttons to set the brightnessthen of each color,press color button confirm.In turn, sets up "W" ,"R", "B" ,"G" brightness,setup complete,press "M" button confirm.The final color of the light is a combination of W R G B color brightness.

❻

(3)After set the color and brightness of daytime lights,then set the time to turn off the lights automaticall,time digital flashing.

a.Set hour:press "▲" and "▼" buttons to set the hour, then press "M" button confirm.

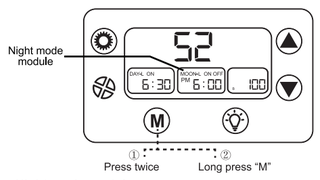
b.Set minute,automatically skip to after setting hour: press "▲" and "▼" buttons to set the minutes, and press "M" button confirm.

No need to turn on the light during the day, select"DAY-L OFF"

2."52" Night mode

①Press "M" button twice,enter "52"night mode

②Hold and long press the "M" button, "MOON-L ON OFF" flashes,enter night mode setting.



●Night mode module

Hold and long press the "M" button,"MOON-L ON OFF" in the the second digital square flashes, "ON"means night mode on, "OFF" means night mode off. press the "▲" and "▼" buttons to select "ON" or "OFF", press the "M" button to confirm.

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Need light on during the night, select"MOON-L ON", time digital flashing.

(1)Set the time for automatic light on.

a.Set hour: press "▲" and "▼" buttons to set the hour, then press "M" button confirm.

b.Set minute,automatically skip to after setting hour: press "▲" and "▼" buttons to set the minutes, and press "M" button confirm.

(2)After set the time, "Brightness %" start to flash,set the color and brightness of lights.

a.press the color button to select the desired color RB purple/R red / RG orange / RG yellow / G green / BG cyan / B blue .

b.Press "▲" and "▼" buttons to set the brightness of Selected color,press "M" button confirm,brightness of each color of brightness is 5% to 100%.

(3)After set the color and brightness of night lights,then set the time to turn off the lights automaticall,time digital flashing .

a.Set hour:press "▲" and "▼" buttons to set the hour, then press "M" button confirm.

b.Set minute,automatically skip to after setting hour: press "▲" and "▼" buttons to set the minutes, and press "M" button confirm.

No need light on during the night,select"MOON-L OFF"

3."53" DIY mode

①Press "M" button three times,enter "53"DIY mode

②Hold and long press the "M" button, "ON " appear,enter DIY mode setting,press "▲" and "▼" buttons to choice "ON " or "OFF ", "ON "means turn on DIY mode,"OFF "means turn off DIY mode.

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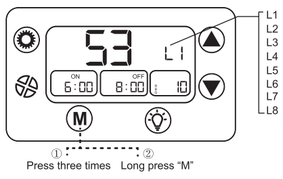
③There are 8 time periods, namely L1-L8 periods, each period can choose the corresponding time, the corresponding brightness and color.must complete the setting of the previous time period before setting the next time period.



● DIY mode module

Need set DIY mode,Whole day 24H is divided into 8 time periods, L1 L2 L3 L4 L5 L5 L6 L7 L8. Any time period, color and brightness can be set for each time period.
Example L1 period (each time period setting method is the same)
Hold and long press the "M" button,press "▲" and "▼" buttons to choice "ON ",press the "M" button to confirm,time digital flashing,enter DIY mode setting.

(1)Set the time for automatic lighting

a.Set hour:press "▲" and "▼" buttons to set the hour, then press "M" button confirm.

b.Set minute,automatically skip to after setting hour: press "▲" and "▼" buttons to set the minutes, and press "M" button confirm.

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(2)After set time for automatic lighting,then set the time to turn off the lights automaticall

a.Set hour:press "▲" and "▼" buttons to set the hour, then press "M" button confirm.

b.Set minute,automatically skip to after setting hour: press "▲" and "▼" buttons to set the minutes, and press "M" button confirm.

(3)After set the time, "Brightness %" start to flash,set the color and brightness of lights

a.Press the color button to select the desired color brightness,"W" ,"R", "B" ,"G" stands for white, red, blue, green respectively,brightness of each color of brightness is 0% to 100%.

b.Press "▲" and "▼" buttons to set the brightness,then press color button confirm.in turn, sets up "W" ,"R", "B" ,"G" brightness,setup complete,press "M" button confirm.Then enter the setting of the next time period.
Each time period is setup complete,DIY mode succeeded.

● Precautions in DIY mode

(1)Each time period must be set. Only L1 can set the start time. The start time of L2-L8 is the end time of the previous time period.

(2)If do not want to turn on the light at which time period, can set the all color brightness to 0.

(3)In order to avoid the light changing too quickly in the process of switching, this product will switch slowly within 3 minutes.The change process from L8 to L1 takes 15 minutes.For example:the L1 period of time is 6:00-8:00, L2 period of time is 8:00-10:00,the light will slowly switch from the L1 period of the program to the L2 at 9:57.

Example set the following parameters in DIY mode:

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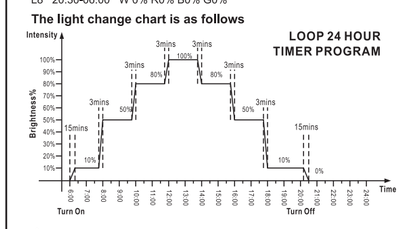
L1 6:00-8:00 W10% R0% B0% G0%
L2 8:00-10:00 W50% R0% B0% G0%
L3 10:00-12:00 W80% R0% B0% G0%
L4 12:00-14:00 W100% R0% B0% G0%
L5 14:00-16:00 W80% R0% B0% G0%
L6 16:00-18:00 W50% R0% B0% G0%
L7 18:00-20:30 W10% R0% B0% G0%
L8 20:30-06:00 W 0% R0% B0% G0%

The light change chart is as follows



◆Restore factory settings

Long press "▼" and the colored button for 8 seconds, and 5OP appears on the screen to restore the factory settings,Then unplug the power supply, and the factory settings will be restored.

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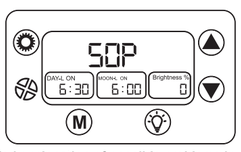

◆ Detailed explanation of possible problems in use

(1)In the 51 day mode/ 52 night mode/ 53 DIY mode, if press the bulb button to turn off the light and then turn it on again, the program settings of the current day cannot be restored, and the program settings will be automatically restored the next day.

(2)If 51 day mode/ 52 night mode/ 53 DIY mode mode is turned on at the same time, the system will automatically follow the last set mode.

(3)51 day mode and 52 night mode do not conflict, can exist at the same time. 53 DIY mode and 51 day mode/ 52 night mode conflict, and the system will automatically follow the last set mode.

(4)Long press "▲" and "▼" buttons can Increase or decrease the number continuously and rapidly.

(5)The brightness display of the screen panel is the average of the sum of "W R B G". For example, if W 70% R 40% B 20% G 50% is set, the brightness displayed on the screen during operation is 45%.

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5.ATTENTIONS

✓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℃~45℃).

6.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, 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 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

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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.

7.ONE YEAR LIMITED WARRANTY

This product MUST be purchased from an authorized AQQA reseller. Visit our website for a list of authorized resellers. AQQA warrants this product against defects in materials and workmanship for ONE(1) YEAR from the date of the original retail purchase and is non-transferable.
Warranty on all products, including aquariums. But it is limited to the replacement of the products and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage caused by using this product.
Note: AQQA One-year Limited Warranty does not cover damage caused by the followings: improper installation, saltwater corrosion, electrical surges or modifications.
If you discover a defect, please contact AQQA, who will, at its option, repair or replace the product at no charge, provided that you return it during the warranty period. A copy of the bill of sale is required as proof of the original

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