

**Dear Customer,**

Thank you for purchasing our product.

For optimum performance and safety, please read these instructions carefully.

This manual is applicable to smart aquarium LED lights products, with all modes of ASAQUA RIPPLE series. All contents in the manual are only for user's reference while using and maintaining, and the specific is subject to actual product. If you still have problems during use, please consult with ASAQUA local after-sale service center or our customer service center.

**Special Note**

1. All contents in the instruction manual have been checked carefully, and if there is any misunderstanding in the printing or the content, ASAQUA company reserves the interpretation right.
2. The products are subject to change without prior notice.

**User Memo:**

Date of purchase: \_\_\_\_\_

Dealer name: \_\_\_\_\_

Dealer address: \_\_\_\_\_

Dealer website: \_\_\_\_\_

Dealer Email: \_\_\_\_\_

Dealer phone No.: \_\_\_\_\_

## Feature

- ◆ Energyefficient Cree XTE & XPE LEDs
- ◆ 22 in one lens with 97% transmittan88degree secondary optical lens
- ◆ Six channels contralf color and intensity
- ◆ Wi-Fi controyour lights via IOS/Android devices
- ◆ Seven colors available for your room
- ◆ Maximum 24 time points programmable
- ◆ Multi-units could be controlled at the same time
- ◆ Smart fans and smart temperature control system
- ◆ Adjustable spectrum output

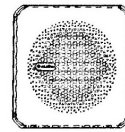
## Specifications

Product model	Product Dimensions	Qty of LEDs	LEDwattage	Applicable FishTank specifications
ASAQUA-M8	145*145*48mm	22 pcs	90 W	30-80 cm

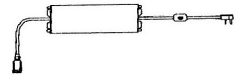
Input voltage	100-240 V AC	Material Of Housing	Aluminum
Frequency	50/60 Hz	Operating temperature	0°C-40°C
Outputvoltage	DC 24V	Storage temperature	-10°C-45°C

## Packing

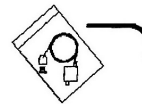
Please check the content in the package



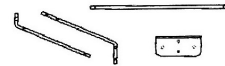
Light Fixture x 1



Power Supply x 1



Lifting Wire x 1



Supporting Bracket x 4



Screw Set x 1

Before using this ASAQUA RIPPLE LED Light System please read these operating instructions carefully. Take special care to follow the safety suggestions listed below.

Afterwards keep this manual handy for future reference.

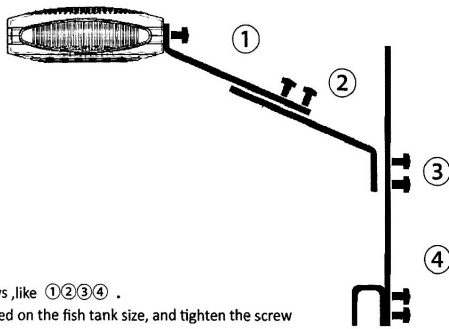
## On safety

- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A ground-type plug has two blades and third grounding prong. The wide blade or the third prong are provided for you safety. If the plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Never take hold of the plug or cord if your hand is wet, and always grasp the plug when connecting or disconnecting it.
- Install indoor only, and use the attachments, mounting frames, hanging kit and accessories provided and specified by the manufacturer.
- Never look directly at the LED bulbs when you switch on the system. Incorrect use of this apparatus will increase eye hazard.

## Mounting

The light is either mounted with the included holders at the aquarium or with the included steel wire suspension on the ceiling.

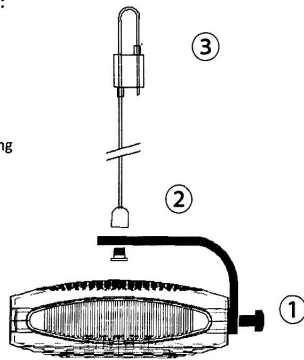
### 1. The holders system mounting following:



- ① Screw on the Screws ,like ①②③④ .
- ② Adjust the rack based on the fish tank size, and tighten the screw

### 2. The suspension system mounting following:

- Screw on the Screws ,like ①  
 Screw on the Screws ,like ②  
 Mounting via wire-locking machine:  
 Unlock the wire wire-locking bolt for the threading  
 Adjust well the loop length and tighten the bolt

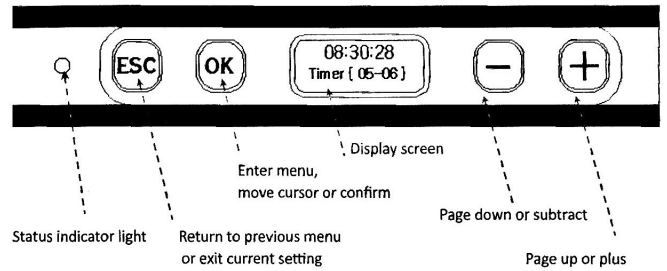


## Lamp Operation Instructions

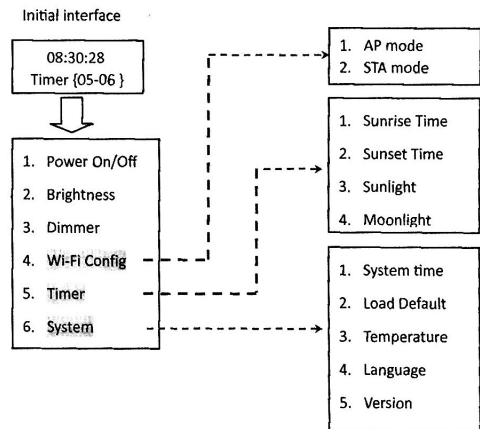
You can configure the lamp via the operation panel of the lamp or via smart phone, so as to realize desired function .

### 1 . Operation Panel Usage and Instructions

#### Operation Diagram



### 2 . Display Serene Interface Menu



### 3. Keys Operation Instructions

Touch "OK" key in Lamp Initial Interface to enter Main Menu, Touch "←" key to switch menu, touch "OK" key to enter the Menu for settings, touch "OK" key to switch settings in Settings Interface, touch "←" key to change values, and after the completion of settings, touch "ESC" key to exit, and the configured content will be saved automatically.

### 4. Function And Operation Instructions

**Initial Interface** After the device is power on, the lamp enters Initial Interface, display its current time and running mode. The value in the bracket stands for the current timing that runs at which timing period. For example, "Timer { 04 - 05 }" represents that the lamp currently runs at the timing period between the fourth time point and the fifth .

**Power On/Off** This function allows you to turn off the light without disconnection of power. When the lamp is turned off, the screen and Wi-Fi are still in working status. When in off status, select on, the lamp will automatically return to riming mode.

**Brightness** It displays the lamp current brightness.

**Dimmer** You can adjust the brightness of each route light at will, so as to check the combination effects of different lights, thus to realize light-matching function.

**Configure WFi** For specific functions and configurations of Wi-Fi working mode.

**Timer** Set the sunrise and sunset timer, daytime and nighttime brightness, the lamp will automatically simulate the gradient effect of sunrise and sunset.

**System Time** Change the date and the time into local time, so as to ensure the timing can be operated normally.

**Load Default** This function will restore the timing, flash and cloud data to factory defaults, except the time.

**Temperature** It displays the lamp's current shell temperature and the fan's running speed.

**Language** The lamp support Chinese and English, and you can switch on your own preference.

### Wi-Fi Control Mode

#### Download the APP

◆ Use the phone to scan the two-dimensional code below for download and install the APP <IOS or Android >.



◆ Please Search "~~ASAQUA LED~~ GJLED" in Google Play Store, IOS APP Store, Download and install it.

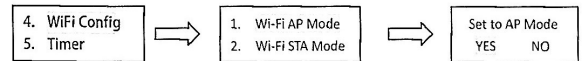
#### Wi-Fi Operation Mode Instruction

The Wi-Fi of the lamp supports two kinds of connection modes, AP Mode and STA mode.

**Wi-Fi AP Mode** The lamp itself will send out ASAQUA-\*\*\*\* Wi-Fi signal (for the Wi-Fi ID please see the label of the lamp body), and you smart phone can be directly connected to this Wi-Fi signal so as to control the lamp. This mode is applicable to independent control of single lamp.

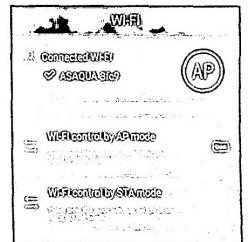
#### Method for Configuring Wi-Fi AP Mode

◆ Operate on lamp panel, enter "4.WiFi Config"—"1.AP mode", select "Yes", and press OK key for confirmation, after the lamp restarts, the indicator light is on and goes out after 3seconds, then it switches to Wi-Fi AP mode.



◆ Get into WLAN page of your phone, Choosing the ASAQUA-\*\*\*\* Wi-Fi signal, type down the password "12345678", The light will connected with your phone .

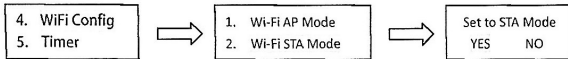
Open ASAQUA APP, the lamp 's Wi-Fi ID will show on Wi-Fi page of APP, press "Enter" get into home page to control the lamp .



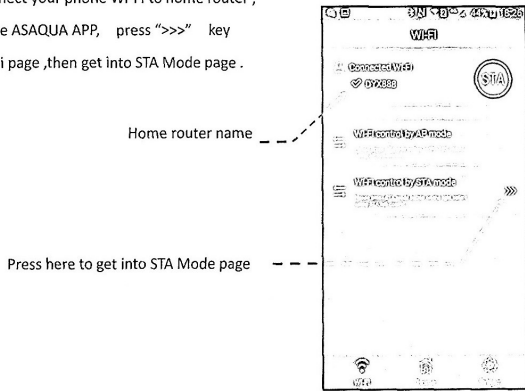
**Wi-Fi STA Mode** Acting as terminal device, the lamp is connected to the home router, which is in the same network like the smart phone, and you can use the smart phone to control the lamp. This mode is applicable to synchronous of multiple lamps.

**Method for Configuring Wi-Fi STA Mode**

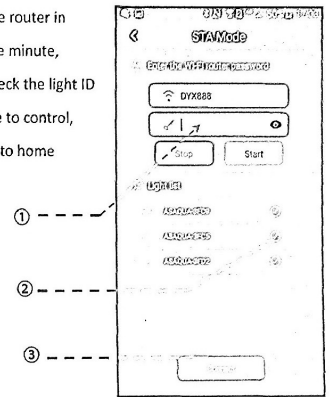
- ◆ Operate on lamp panel, enter "4.Wifi Config"—"2. STA mode, select "Yes", and press OK key for confirmation, after the lamp restarts, the panel indicator light is in circulation state of "flicker for two times---go out for one time", then it switches to the state waiting for connection of Wi-Fi STA mode.



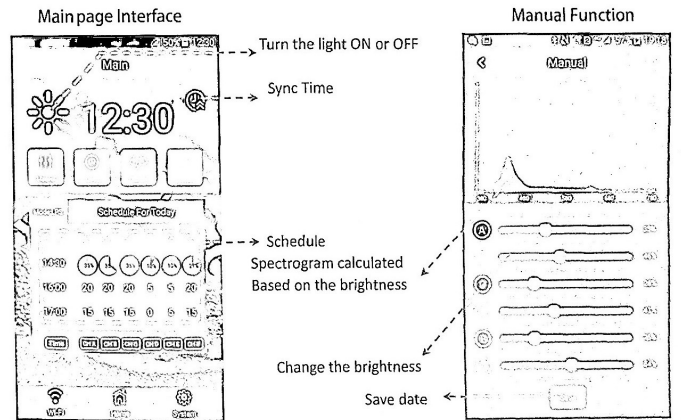
- ◆ Connect your phone Wi-Fi to home router, open the ASAQUA APP, press ">>>" key on Wi-Fi page, then get into STA Mode page.



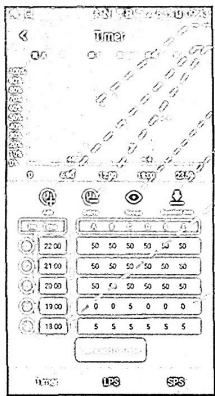
- ◆ Type down the password of your home router in ①, and press "Start", wait for about one minute, when the lamp ID shown on Light list, Check the light ID in ② which one or ones you would like to control, and then click the "Connect" ③, get into home page to control the lamps.



**APP Operation Instructions**

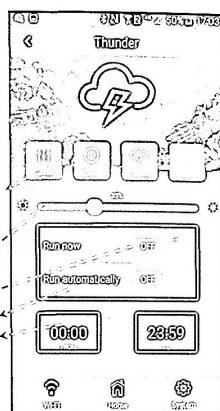


### Timing Function

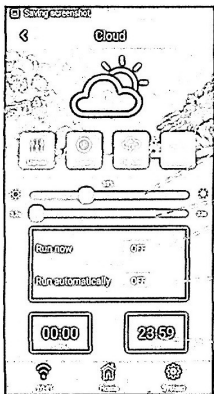


- Variation curve of brightness
- Add/Delete time point
- Preview the timing effect
- Download data from lamp
- Change time point
- Adjust the intensity of flash
- Adjust brightness
- Run Immediately
- Run automatically
- Start time and end time

### FlashFunction

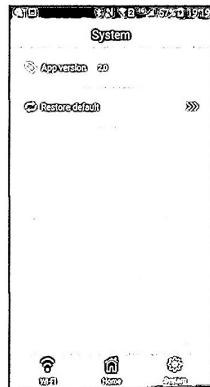


### CloudFunction



- Adjust the intensity of Cloud
- Adjust the cycle of Cloud
- Run Immediately
- Run automatically
- Start time and end time

### System



### Meanings of Lamp Status Indicator Light

Indicator	Meaning
The light is on but goes out after about 3 seconds	The lamp Wi-Fi works at AP Mode
Flicker for two times and go out for one time	The lamp Wi-Fi works at STA Mode, in the status waiting for configuration
Flicker for three times and go out for one time	The lamp Wi-Fi works at STA Mode, and an error had occurred while connecting to a home router, the reason may be that the password is wrong or the router is turned off.
Irregular flickering	Wi-Fi is transmitting data
Goes out	Wi-Fi has no data transmitted

### Fault Analysis and Removal

Fault Phenomenon	Cause Analysis	Solution
The screen does not display	The power plug is not properly inserted or the switch is not turned on	Check the plug and turn on the switch
	The water joint is not properly connected	Recheck and connect it well
	Machine fault	Sent to after-sale service department for repair
Buttons failure	There is foreign material disturbed on the buttons panel	Remove the foreign material and keep the panel clean
	Machine fault	Sent to after-sale service department for repair
The Wi-Fi signal cannot be found	The lamp Wi-Fi is configured to STA Mode	Reconfigure it to AP Mode
	The phone is far away from the lamp or WLAN is not enabled	Check the phone WLAN and enable
	Machine fault	Sent to after-sale service department for repair
APP cannot control the lamp	The phone is not connected to the Lamp	Reconnect to the lamp Wi-Fi
	The network signal is bad or the lamp connection is disconnect	Reconnect to the lamp in the APP
	Machine fault	Sent to after-sale service department for repair
The light does not operate according to the timed set brightness	The timing data set is not successfully saved	Reset the data and save
	The time on the lamp is not correctly set	Reset the time
	Machine fault	Sent to after-sale service department for repair

## On Operation

- ◆ Always follow the operation instructions set forth in this manual when using it.
- ◆ The apparatus should be situated away from heat sources such as radiators, and do not expose to excessive heat such as sunshine, fire or the like.
- ◆ To reduce the risk of fire or electric shock, do not expose this apparatus to rain, moisture, dripping or splashing.
- ◆ The apparatus should be situated so that its location or position does not interfere with its proper ventilation.
- ◆ The apparatus should be situated away from equipment or device that generate strong magnetism.
- ◆ Clean only with dry cloth.

## Warranty

Should any defect in material or workmanship be found within 12 months of the date of purchase ASAQUA undertakes to repair or at our option, replace the defective part free of charge always provided the product has been installed correctly, is used for the purpose that was intended by us, is used in accordance with the operating instructions and is returned to us carriage paid. The warranty term is not applicable on the all consumable products.

Proof of Purchase is required by presentation of an original invoice or receipt indicating the dealer's name, the model number and date of purchase, or a Guarantee Card if appropriate. This warranty may not apply if any model or production number has been altered, deleted or moved, nauthorized persons or organizations have executed repairs, modifications or alterations, or damage is caused by accident, misuse or neglect.

We regret we are unable to accept any liability for any consequential loss. Please note that the product is not defective under the terms of this warranty where the product, or any of its component parts, was not originally designed and / or manufactured for the market in which it is used. These statements do not affect your statutory rights as a customer.

If your Acc-smart technology limited product does not appear to be working correctly or appears to be defective please contact your local dealer in the first instance immediately.

Before calling your dealer please ensure you have read and understood the operating instructions. If you still have any further questions, please contact us. We are pleased at your service at anytime.

Our policy is one of continual technical improvement and we reserve the right to modify and adjust the specification of our products without prior notification.