

Keloray



Product Instruction Manual AL Series

www.kelolight.com

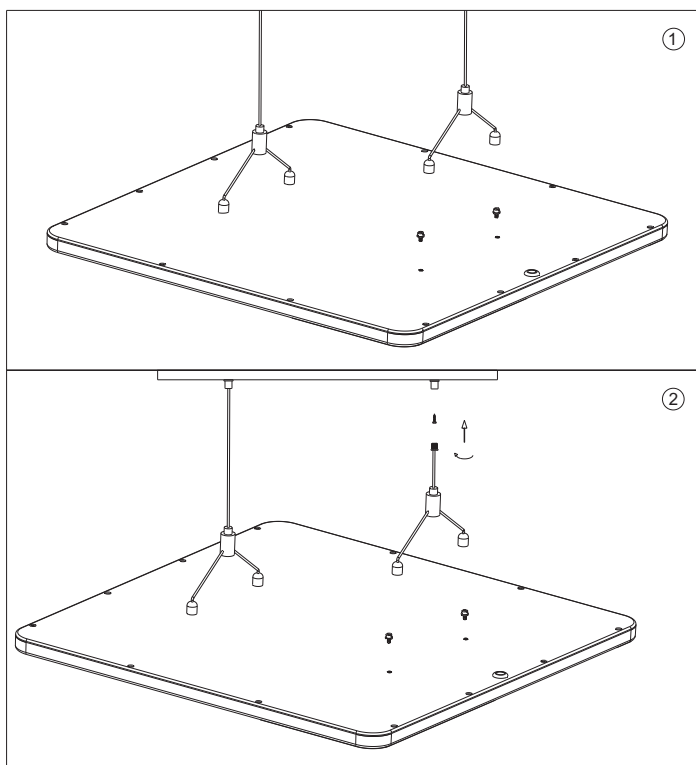
Precautions for Safe Use

Thank you for using the Keloray-AL Series aquarium light fixture. In order to ensure safe use and avoid injury and property damage to you or others, please read this instruction manual carefully before using the light fixture and be sure to observe the following safety precautions.

- When installing and using lights, please remove the excluded packaging bag.
- Disconnect the power supply before installation. Ensure that the power cable is not trampled, squeezed or blocked. Do not touch the plug with wet hands.
- Do not destroy the plug of the power cord. If the plug does not match your socket, please replace it with a suitable socket.
- Be sure to ask professionals to install, the installation needs to install the front light firmly, it is strictly prohibited to disassemble the machine.
- This light can only be installed indoors, do not be exposed to rain, wet, dripping environment.
- After turning on the light, please do not look directly at the light source or put your skin under the light to avoid burning your eyes or skin.
- If the power supply is damaged, non-professionals shall not replace it without authorization.
- The installation of lights should be away from heat sources, magnetic fields and other environments, and other objects are strictly prohibited to cover the lights.
- Do not use this product in areas other than aquarium.
- Do not clamp on glass less than 12mm thick when installing the light bracket.
- For any questions related to this product, please contact us directly. www.kelolight.com

Installation Method

Hanging Kit

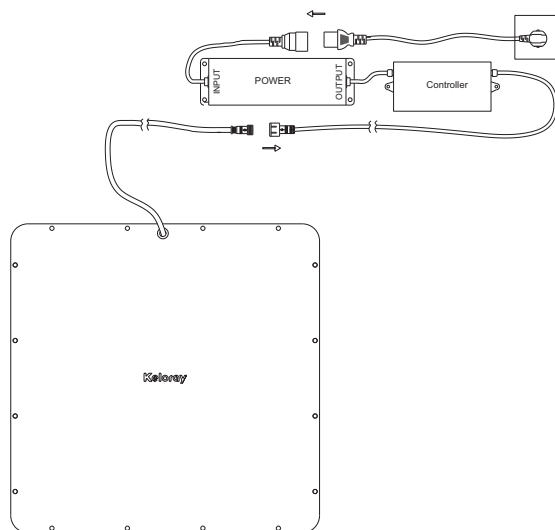


Accessory List

1. One lamp body
2. One set of hanging rope
3. One set of power supply and controller
4. Instruction manual card

Start the Lamp

1、Please connect the lamp with power supply, then plug in socket



Product Specification

Product Item	AL200
Input Voltage	AC100-240V, 50/60Hz
Output Voltage	DC24V
Rated Power	200W
Lense Angle 90°	90度
Lamp Body Size	L450*W450*H16MM
Color Box Size	L715*W495*H67mm
External Package Size	L735*W515*H90mm
Lamp Body Net Weight	4.5KG
Storage Temperature	-30°C~+40°C
Working Environment Temperature	-20°C~+50°C, 10%~95%RH

Product Item	AL150
Input Voltage	AC100-240V, 50/60Hz
Output Voltage	DC24V
Rated Power	150W
Lense Angle 90°	90度
Lamp Body Size	L450*W280*H16MM
Color Box Size	L545*W495*H65mm
External Package Size	L565*W515*H90mm
Lamp Body Net Weight	2.9KG
Storage Temperature	-30°C~+40°C
Working Environment Temperature	-20°C~+50°C, 10%~95%RH

APP User Guide

■ Connection

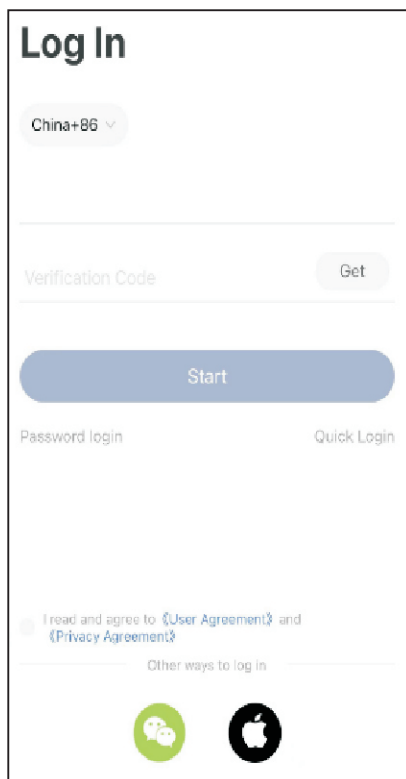
Keloray Bluetooth control connection:

一. Download APP

1. IOS for iPhone, the operating system must be 13.0 or later.
2. IOS for iPhone, open the APP Store and search for “Keloray Pro” to download the software.
3. Android open Tencent App Treasure, search “Keloray Pro” to download the software.
4. Scan the QR code on the manual card to enter the official website to download.

二. APP Log in

1. Mobile number verification code login .
2. Wechat login .
3. First, register an account with your mobile phone number.
After successful registration, log in to the account and enter the APP homepage.



The screenshot shows the 'Log In' interface of the app. At the top, there's a 'Log In' title. Below it is a dropdown menu for country codes, currently set to 'China+86'. There's a large input field for the phone number. Below the number field is a 'Verification Code' input field with a 'Get' button to its right. A large blue 'Start' button is positioned below the verification code field. Underneath the 'Start' button are two links: 'Password login' and 'Quick Login'. At the bottom, there's a checkbox for 'I read and agree to 《User Agreement》 and 《Privacy Agreement》'. Below this, there's a section titled 'Other ways to log in' with two circular icons: a green one with a white speech bubble (representing WeChat) and a black one with a white Apple logo (representing the App Store).

Add Device

1. Make sure the light power is connected correctly and start the light.
2. Turn on the Bluetooth of the mobile phone, and enter the APP page. (Figure 1)
3. Click Add Bluetooth device, enter the search page, add the discovered device.
4. Click the device that has been added to enter the operation page. There are two options at the bottom, home page and preset. The home page is the color channel real-time brightness and manual preview, and the preset has photo mode and 5 timing modes.
5. Click on any scenario mode, and the device runs the current mode, which is shown in blue. (Figure 2)

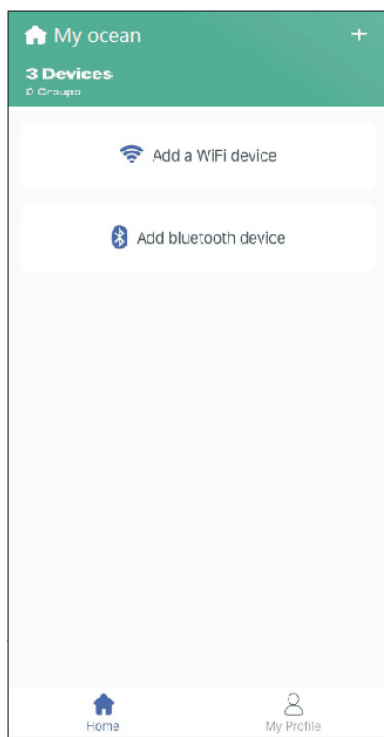


Figure 1

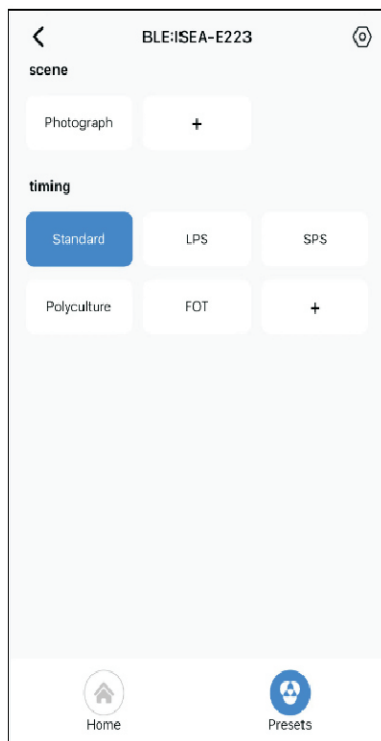


Figure 2

Reset device

1. Reset settings method 1: Open the preset page, click the settings button in the upper right corner, enter the settings page, and select Delete device (as shown in Figure 3); "Reset" in the settings page is to reset the custom mode parameters set by the customer in the device and restore it to the state when the device was initially added (as shown in Figure 4).
2. Reset device method 2: Unplug with a pause of 2-3-seconds, then plug in until the indicator lamp flash 3 times. Repeat the operation 3 times , the device is reset successfully (as shown in Figure 4).

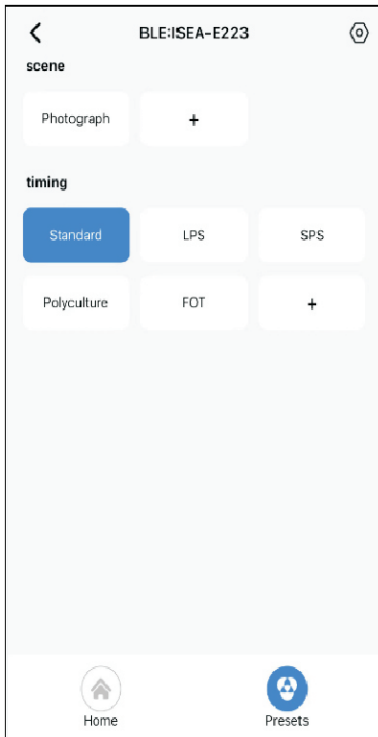


Figure 3

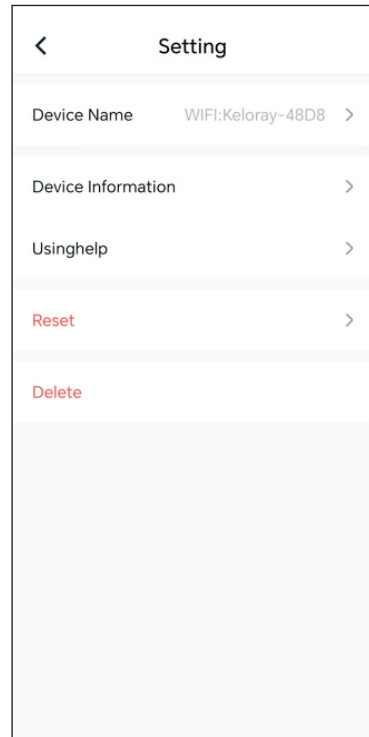


Figure 4

Add Group

1. Open the APP, display all devices and groups, click the "+" sign in the upper right corner, select Add Group, (Figure 5)
2. Select more than one required device, click Next, edit the group name point to confirm, the grouping is completed.
3. Click the group just added on the page, there is a setting at the bottom, click the setting to operate the group of devices. (Figure 6)

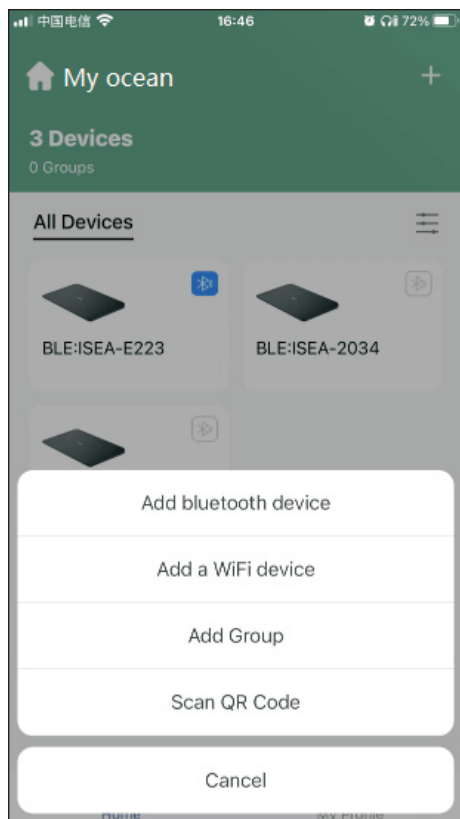


Figure 5

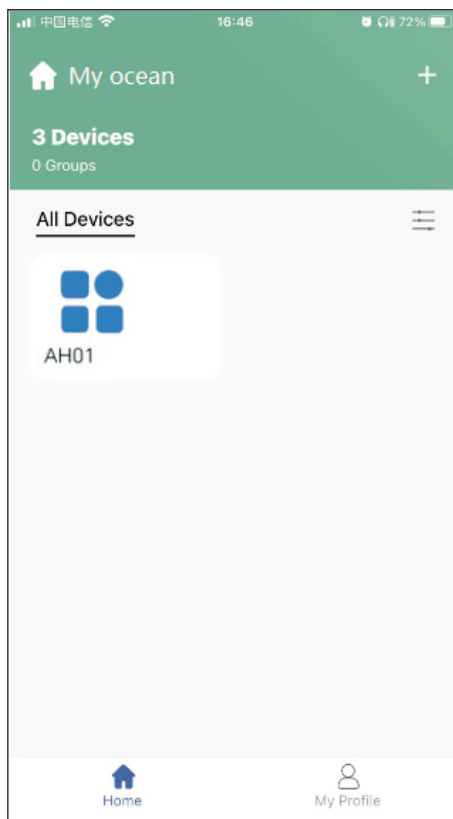


Figure 6

Share Spectrum and Account 1

Share Spectrum

1, Long press any timing mode to enter the editing state, click the share button in the upper right corner, and a QR code will pop up. Save the QR code on your phone and send it to people in need (as shown in Figure 7).

2, To add a spectrum, click the "+" button under the timing mode on the preset page, select Scan spectrum QR code, and then scan the QR code shared by others to successfully add the spectrum. The newly added spectrum will be displayed as "Remark Name", which can be modified by yourself (as shown in Figure 8).

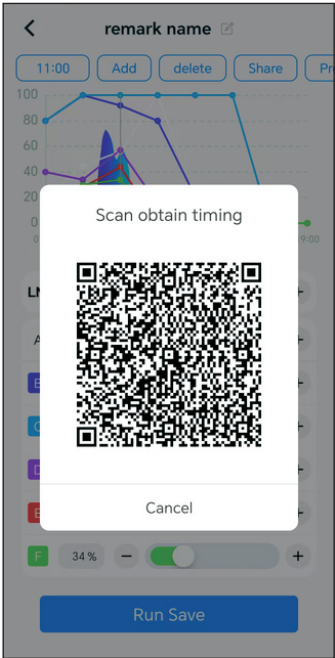


Figure 7

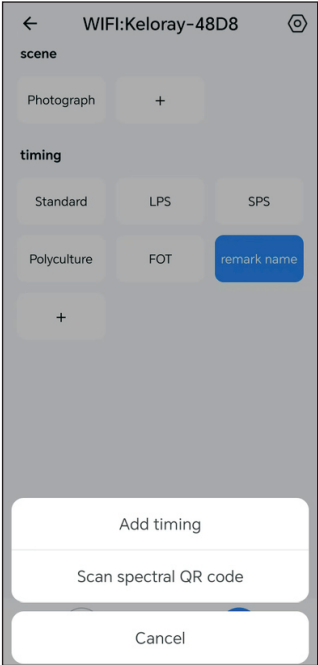


Figure 8

Share Spectrum and Account 2

Share Account

- 1, Click My Profile in the lower right corner of the APP main page, and then click in the upper left corner: Ocean Management – My Ocean – Add Members. A QR code will pop up and the phone will save the QR code (as shown in Figures 9 and 10).
- 2, Send the saved QR code to friends who need to share the account. Open the APP homepage, click "+" in the upper right corner, select "Scan Account QR Code" and scan the code to add it.

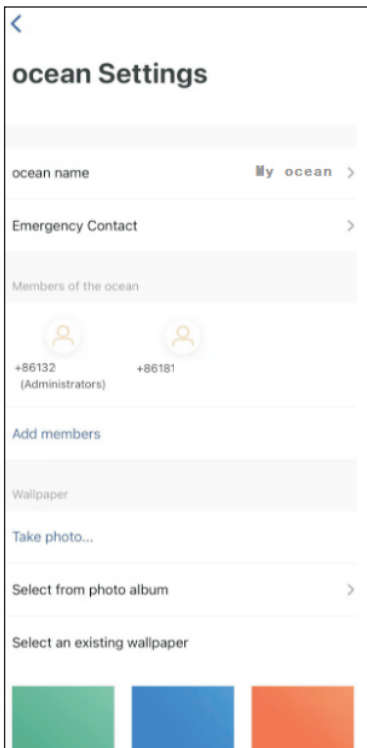


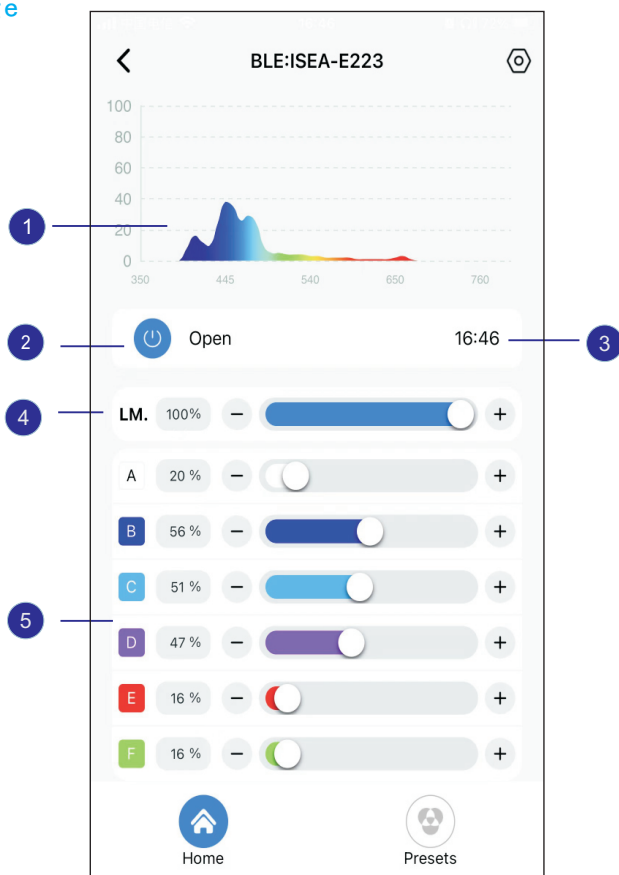
Figure 9



Figure 10

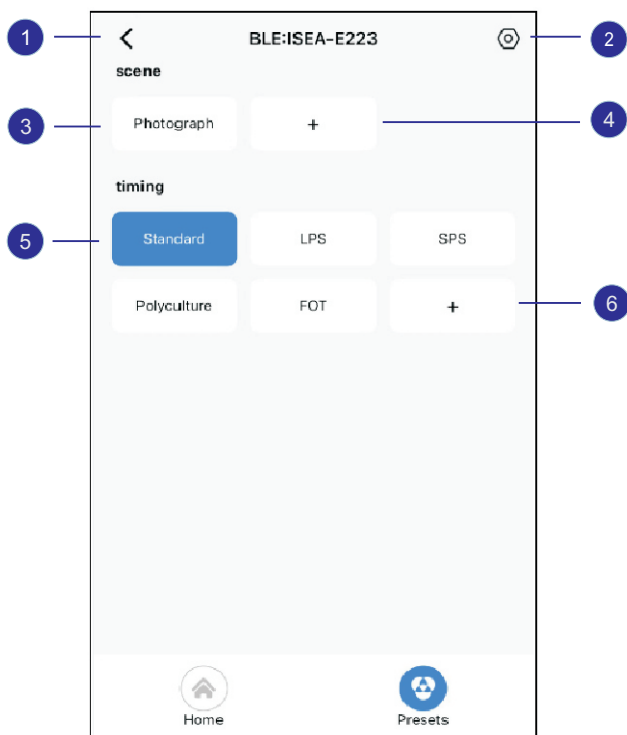
Control & Programming

■ Home page



- 1 Current spectra
- 2 Equipment master switch
- 3 Current system time
- 4 Total brightness of each channel
- 5 The current color channel is displayed in real time
A: White light channel, B: Royal blue channel, C: Sky blue channel,
D: Violet UV channel, E: Red channel, F: Green channel

Preset



1 Back

Return to previous page

2 Settings bar

Device name/Device information/Module update /
Use Help/Reset/Delete devices

3 Scene

Click Photo to enter the photo mode.
24 hours steady on, long press to edit
Save as custom brightness.

4 Add

Click "+" to create a new custom
photo scene

5 Timing mode

Standard/LPS/SPS/Mixed culture/Pure fish
Long press Edit to save as custom mode

6 Add

Click "+" to create the modification in the
current mode based on a new custom mode

Custom Programming

Manual Setting



1 Remarks name

Remarks Name Click to change the mode name

2 Point in time

Click the time to modify the time point

3 Add or subtract time points

4 The point in time that has been added

5 Quick preview mode

6 Light curve

Drag to select a point in time to add, delete,
And edit color channel brightness

7 Run and save the current Settings

Care and Maintenance

In order to maintain good heat dissipation and performance of your lights, extend the lifetime of the lights. Please read the following tips carefully and develop the habit of regular care and maintenance.

- Pay attention to moisture, water and dust when using lights.
 - Check whether the power supply is damp and the power socket is plugged in regularly and monthly.
 - Clean the lampshade regularly and monthly with a dry rag to prevent dust and salt from covering it.
 - Clean the salt on the bracket regularly and monthly to prevent corrosion.
- ▲ When the working temperature of the light is too high, it will cause high temperature protection . The control system will reduce the light's brightness into the protection state, at this time the light relies on the radiator to actively dissipate heat and keep systems locked. Light fixtures are out of control. When the temperature drops to 40 degrees, the control system automatically unlock and restore the light to its previous operating state.

Warranty and Service

In order to ensure that you can enjoy the perfect after-sales service support, from the date of purchase, within a year, if there is a failure caused by non-human reasons, you can enjoy free product warranty service. Please read the warranty service description of this product carefully after purchase and keep the warranty card properly.

- In order to ensure your legitimate rights and interests, please note the following:
 1. With this card, you can enjoy the free warranty and spare parts preferential service during the warranty period.
 2. The warranty card shall not be effective until stamped by the dealer.
 3. The warranty card shall be properly kept by the user.
- Product failure caused by the following circumstances is not included in the free warranty:
 1. Can not produce a valid warranty card certificate and a valid purchase invoice or receipt.
 2. The S/N number on the warranty card is inconsistent with the S/N number on the light label.
 3. The label on the light is incomplete, no label or deliberately tore the label.
 4. Unauthorized repair, disassembly and artificial caused by water and product appearance and accessories wear and scratch.
 5. Damage caused by not using, maintaining and maintaining the equipment according to the requirements in the equipment manual.
 6. The use of the environment does not meet the product requirements and irresistible factors caused by failure.
 7. The product exceeds the warranty period stipulated by the company.

Keloray-AL Series Product Warranty Card

Product Name:		Number S/N:	
Customer Name:		Address:	
Seller:			
Date of purchase:			

Product number S/N	Return date	Fault condition	Maintenance result	Reserve note



Product consultation, technical support, after-sales service

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