

Keloray®

WiFi Controller User Guide



Shenzhen Kelo Light Co., Ltd
www.kelolight.com

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Cotroller Introduction

Keloray WiFi controller allows user to control the lights more convenient and easier.

1. This controller is applicable to iOS and Android systems.
2. Frequency range: 2.412-2.484GHZ.
3. Input/output voltage: 30V.

Packing List



Controller



Signal Cable



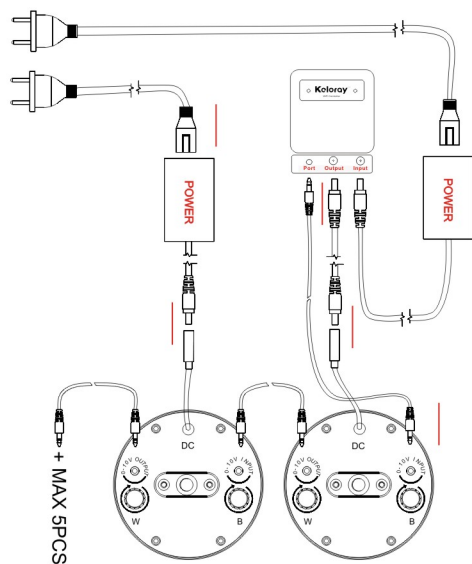
User Guide



Power cord

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Installation



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User Guide of WiFi Controller APP

Connection Mode

The WiFi controller APP has two different modes.

1. Connect the light directly

This mode is the factory default mode, the password is 12345678.

2. Connect to wireless router

In this mode, both smartphone and aquarium need to be connected to the wireless router. Phone can connect to the internet and light simultaneously. One controller can control a group of lights at the same time.

⚠ Please note that only in the "connect to the light directly" mode can be find out the WiFi signal of the controller in the smartphone "setting".

Download APP

- iOS Operating System 9.3.1 or above is recommended.
- If iOS system, please open "Apple store" to search and download the "Keloray" App.
- If Android system, please open "Google Play" to search and download the "Keloray" App.



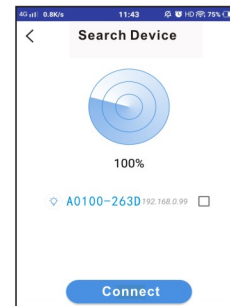
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Mode 1: Connect Light Directly

1. Make sure the light is connected to wall outlet through power adapter.
2. Access phone "Setting" WiFi to connect AO100 WiFi SSID (picture 1).
3. Select WiFi SSID AO100-XXXX to link, default password: 12345678 (Make sure there is a WiFi signal icon at top right corner).
4. Go back to App, press "Search Icon" to search light and select "AO100-XXXX" to connect the light (picture 2).
5. Press "Connect" to control the light.



Picture 1

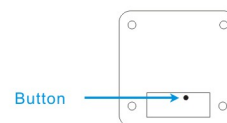


Picture 2

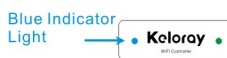
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Mode 2: Connect WiFi Router

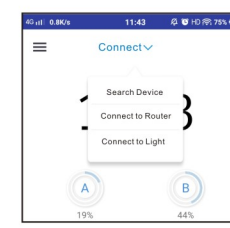
1. Make sure the light is connected to wall outlet through power adapter.
2. Access phone "Settings" WiFi to connect wireless router(Household/Store). (Make sure there is a WiFi signal icon at top right corner).
3. Use small tool to press the button back of the controller for some seconds until you hear "beeps", the controller restarts (picture 3).
4. After the controller restarts, the light switches to the wireless router mode, the blue indicator light will flash (picture 4).
5. Open "Keloray" App to homepage, press "Connect" and choose "Connect to Router" (picture 5).



Picture 3



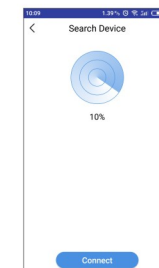
Picture 4



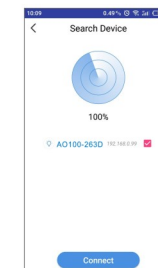
Picture 5

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6. Follow the instructions on the App and press "Next" at the end of the instructions to enter (household /store) WiFi password.
7. Press "Start" to connect (when the blue indicator light stop flashing, it means the unit connect to router successfully).
8. Go back to App, press "Search Icon" to search light (picture 6).
9. Press "AO100-XXXX" to select light (picture 7).
10. Press "Connect" to control the lights.



Picture 6



Picture 7

Remember: If you want to change back to "Connect Light Directly" mode, please press the button back of the controller for 3 seconds until you hear "beep", the controller restarts, then repeat above operations.

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WiFi Signal Indicator Light

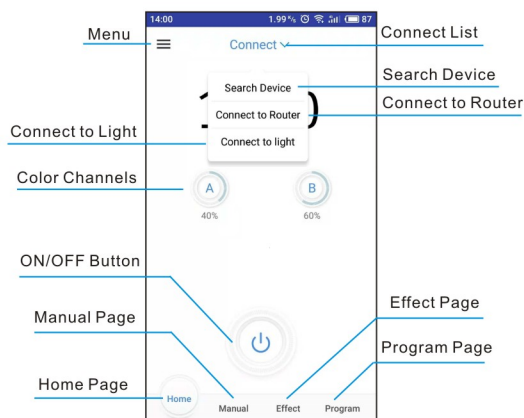
The blue indicator light is to show what mode the controller is working in. The green indicator light stays on when power-on.

Blue Indicator Light	Means
Indicator light turns off after 3 seconds	Controller is working under "connect directly to light" mode. (When power is turned on, the indicator light will be off a few seconds, indicating that WiFi is working under the "connect to light" mode).
Indicator light flashes twice then turns off	WiFi working under the router mode and waiting for configuration status. (When WiFi is in network mode, but the indicator light is not on, the light needs manual setting to connect light to router).
Indicator light flashes three times then turns off	WiFi working under network mode, error occurred while connecting to the home router, which may be a password error or router is turned off.
Indicator light continuous flashing	Transmitting data.
Indicator light off	No transmitting data.
Indicator light stays on	Abnormal operation.

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Controlling&Programming

■ Homepage

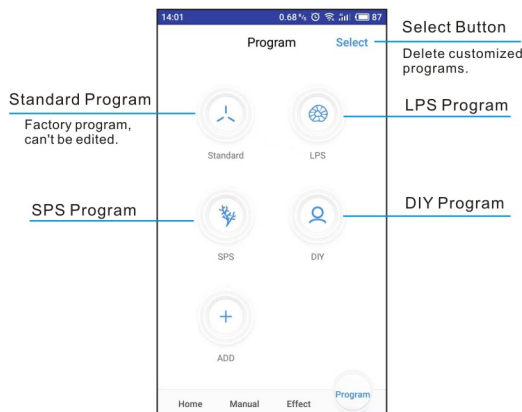


Menu

Information List: Keloray Logo, Keloray Website, Indicator Light, Restore Default, Update Version, User Manual, Contact Us, Ask for Help, Hardware Version, Software Version.

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■ Program Page



DIY Program

Do it yourself program. Added when you press "Add" button, can add at most 7 DIY program. You can download the default program first on DIY page, then it is easy to edit the program you want.

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5 Add

Tap to add a new time.

6 Delete

Tap to delete the selected time.

7 Intensity Curve

Auto generation of intensity curve of each color channel.

8 Time Point Slide Bar

Slide to select time.

9 Cloud

Tap to add cloud effect.

10 Storm

Tap to add storm effect.

11 Demo

Tap to preview the program on the light. It takes 30 seconds to run the program cycle once. It does not show effect points.

12 Save

Tap to save your DIY program.

13 Start

Tap to start running current DIY program.

⚠ Please save your DIY program before you start it.

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Warranty

● Dear User

Thank you for choosing Keloray product. In order to let you familiarly use our product and enjoy excellent after-sale service. Please read carefully the instructions and installation diagram of controller, and keep properly this card.

● Product Warranty

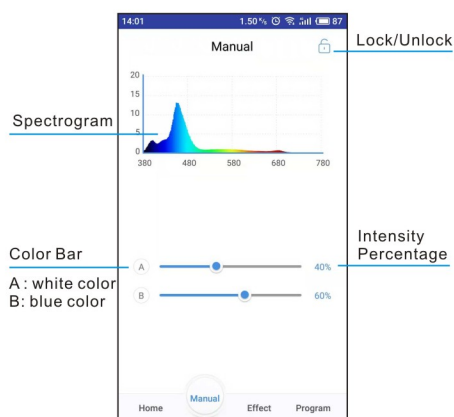
This warranty card is the only proof for warranty, which should be stamped with distributor's seal. Customer enjoys 12 months warranty since the purchase of product (subject to the purchase date on sales receipt).

● Limited Warranty

- Cannot provide the certificate or valid sales document, or it is altered, or does not match the product.
- Damaged by misuse, abnormal use, taking apart by yourself, altering the appearance and other human factors.
- Damaged as a result of mistaken assembling, using and maintaining due to failure to follow instruction and diagram.
- Normal wear and tear of consumable parts.
- Break downed or damaged by natural disaster or other force majeure, such as earthquake, fire, typhoon, thunder and so on.

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■ Manual Page



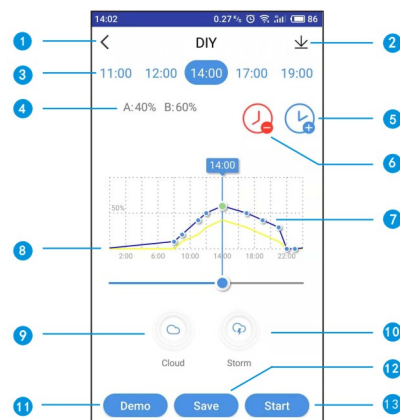
Manual Page

Manual program can change light intensity only, you cannot set time point to make intensity change automatically.

⚠ Please don't lock the manual mode if no need, to avoid sunburn.

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■ DIY Program



1 Back Button

Go back to previous

2 Download

Download program from the light.

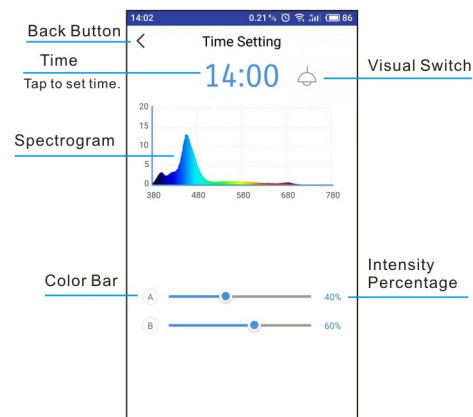
3 Time Point

Tap to select point, tap again to edit point page.

4 Intensity Grade

Intensity grade of each color channel.

■ Time Setting



Visual Switch

Turn on the switch, user can see brightness changing on the light when sliding the color bar.

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We are disclaimed responsibility for relevant equipment, tank creatures or furniture from other company. The service covered by the warranty is free. We will charge the service when the warranty card passes its last effective date or the service is not covered by warranty. The warranty card and sales receipt should be provide for repairing. Please keep it properly! Thanks!

Product Warranty Card	
Product Model Number	
Customer	
Address	
Dealer	
Purchase Date	

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