

Installation method 1. Adjustable width tank mounts

1

2

3

4

5

Or

WARNING !

Make sure to unplug the power supply before you connect the ballast to the light

How to change the Default SSID?
(Wi-Fi device name)

Installation method 2. Ceiling mounts

1

LED Specification

18"				24"			
7 x		4 x		9 x		5 x	
10 x		4 x		14 x		5 x	
4 x		3 x		5 x		4 x	
10 x				14 x			

○ CREE XT-E 8,500K

● CREE XT-E 4,500K

● CREE XP-E 468nm

● BlueViolet 420nm

● UV 400nm

● Cyan 500nm

● CREE XT-E 442nm

*Specifications are subject to change without notice

Factory default setting

Auto mode setting (Factory default)								
Time Stage	Begin Time	UV	Blue Violet	Royal Blue	Blue	Cyan	Neutral White	Cool White
		%	%	%	%	%	%	%
Time Stage: 1	07:00	30	30	30	30	30	0	0
Time Stage: 2	08:00	30	30	30	30	30	10	10
Time Stage: 3	09:00	40	40	40	40	10	50	50
Time Stage: 4	11:00	50	50	50	50	10	80	80
Time Stage: 5	17:00	60	60	60	60	30	50	50
Time Stage: 6	18:00	50	50	50	50	50	40	40
Time Stage: 7	21:00	80	80	80	80	80	0	0
End Time	23:59							



KRV5
User Guide

Temp. control

Control application
(For Android only)

FEATURES

- Heat is radiated away from water
- Fluorescent light / Metal Halide replacement
- Reliable, advanced and efficient aquarium illumination
- Specific LED light penetration
- Long life time, energy saving

SAFETY INSTRUCTIONS

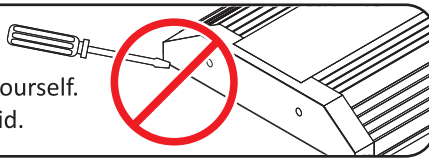
- Make sure the power cord meets all relevant local safety standards
- Place the light near a wall outlet where the power cord can be easily unplugged
- Do not let the power cord become damaged or frayed
- Do not place the light near heaters
- Do not extend the wire. Doing this might affect the operation of the light
- Do not expose to direct sunlight or excessive heat

WARNING

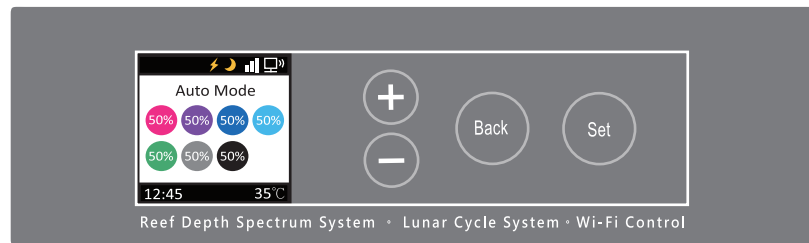
- To prevent electrical shock, make sure you have unplugged the power cord from the electrical socket before cleaning the light
- To avoid electric shock, please do not touch the cord with wet hands

CAUTION

DO NOT attempt to service the fixture yourself. Doing this may render this warranty void.



Control panel

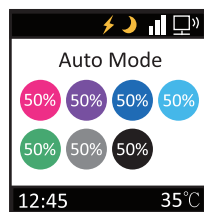


1. Button

- +** **-** Press to scroll through the menus and options
- Back** Use this key to cancel or back to previous page
- Set** Use this key to select or enter

2. Light mode

Press **+** **-** to toggle 5 light modes in the menu.



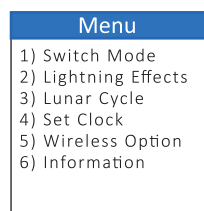
Auto
Manual
Demo
Thunder
OFF

Slave

Max. 20 programmable light stages
Manual setting of 7 colours (0-100%)
Demonstration mode of a light display
LED blink to simulate the thunder effect
LED stop operation
Synchronize with the main light
(Wireless option > 2.4G mode)

3. Menu

In homepage, press **Set** to enter the menu. Press **+** **-** to toggle 6 items in the menu.



Switch Mode
Lightning Effects
Lunar Cycle
Set Clock
Wireless Option
Information

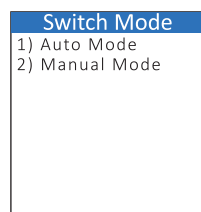
Auto / Manual mode setting
Lightning effect setting
Lunar cycle setting
Set date & time
Wi-Fi setting
Reset light settings
& info. of firmware

Demo mode

In demo mode, 7 colours will repeat as shown below.

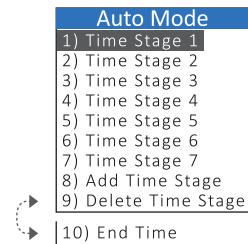
1. UV	0% → 100% (4s)	10. UV	100% → 0% (4s)
2. Blue Violet	0% → 100% (4s)	11. Blue Violet	100% → 0% (4s)
3. Royal Blue	0% → 100% (4s)	12. Royal Blue	100% → 0% (4s)
4. Blue	0% → 100% (4s)	13. Blue	100% → 0% (4s)
5. Cyan	0% → 100% (4s)	14. Cyan	100% → 0% (4s)
6. Neutral White	0% → 100% (4s)	15. Neutral White	100% → 0% (4s)
7. Cool White	0% → 100% (4s)	16. Cool White	100% → 0% (4s)
8. All Channels	100% (4s)	17. All Channels	0% (4s)
9. All Channels	100% → 0% → 100% (8s)		

Switch mode



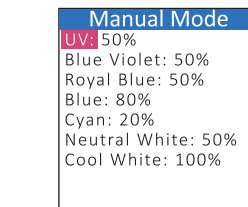
- 1) Select **Auto Mode** , press **Set** to enter Auto mode setting ※ 1
- 2) Select **Manual Mode** , press **Set** to enter Manual mode setting ※ 2

※ 1 Auto mode setting



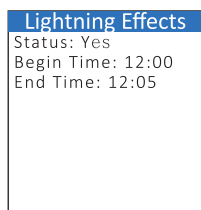
- 1) Select **Time Stage 1** , press **Set** to enter Time Stage 1
- 2) Select **Begin Time** , press **Set** to enter time setting
press **+** **-** to edit begin time of Time Stage 1 09:00
- 3) Select a colour **UV** , press **Set** to enter colour setting
press **+** **-** to edit colour's intensity 0-100%
- 4) Same setting in **Time Stage 1** ~ **Time Stage 20**
- 5) Select **Add Time Stage** , press **Set** to add one more
Time Stage (Max. 20 Time Stages)
- 6) Select **Delete Time Stage** , press **Set** to delete a Time Stage
- 7) Select **End Time** , press **Set** to set the end time of the light
- 8) Press **Back** return to homepage

※ 2 Manual mode setting



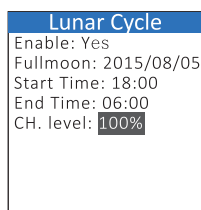
- 1) Select a colour **UV** , press **Set** to enter colour setting
press **+** **-** to edit colour's intensity 0-100%
- 2) Press **Back** return to homepage

Lightning Effects

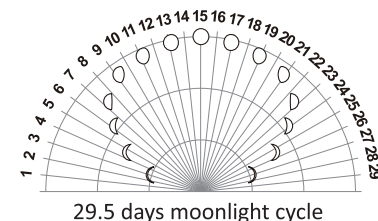


- 1) Select **Status** , press **Set** to turn on **Yes** / turn off **No**
- 2) Select **Begin Time** , press **Set** to set the begin time of the
lightning effects in Auto mode
- 3) Select **End Time** , press **Set** to set the end time of the effect
- 4) Press **Back** return to homepage

Lunar Cycle

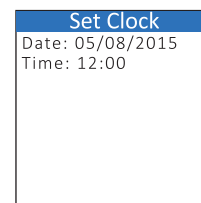


- 1) Select **Enable** , press **Set** to turn on **Yes** / turn off **No**
- 2) Select **Fullmoon** , press **Set** to set the date of fullmoon
press **+** **-** to edit the fullmoon date (Y/M/D) 2015 08 15 ※
- 3) Select **Start time** , press **Set** to set the start time of moonlight
- 4) Select **End time** , press **Set** to set the end time of moonlight
- 5) Select **CH. level** , press **Set** to set intensity of moonlight 0-100%
- 6) Press **Back** return to homepage



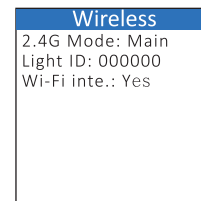
※ **Fixed 29.5 days cycle on the Moonlight**
KRV5 feature an advanced programmable controller that simulates the natural cycle of moonlight. Once you set a fullmoon date and turn on the lunar cycle function, the light will start running “29.5 days cycle” according to the fullmoon date.

Set Clock



- 1) **Date** : Press **+** **-** to set the date (D/M/Y)
- 2) **Time** : Press **+** **-** to set the time (Hour:Minute)
- 3) Press **Back** return to homepage

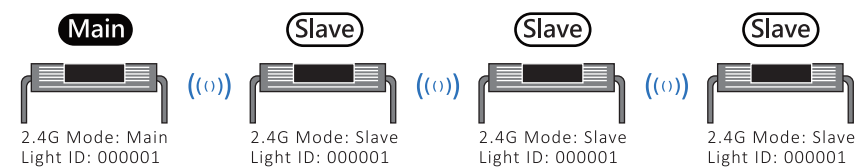
Wireless option



- 1) Select **2.4G Mode** , press **Set** to select a control mode
Press **+** **-** to toggle 3 control mode as below.
Main Main light control mode
Slave Slave mode - Synchronize with the main light
OFF OFF mode

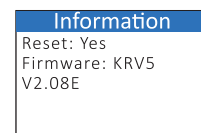
- 2) Select **Light ID** , press **Set** to set a light ID (e.g 000001)

You may be able to connect several lights to each others. To do so, you need to set a light ID (e.g. 000001) in the main light and select 2.4G mode to “Main”. And the light ID of the slave light(s) should be set as same as the main light’s ID and select 2.4G mode to “Slave”.



- 3) Select **Wi-Fi inte.** , press **Yes** to reset all Wi-Fi settings to factory default setting

Information



- 1) **Reset** : Press **Yes** to reset all settings to factory default
- 2) **Firmware**: Check the current firmware version of your light



Remark

When the light mode is changing, it may take a few seconds to a few minutes to reach the programmed brightness.

ACCESSORIES

