

Introduction
WIFI-808 controller is a three-channel constant voltage LED driver supports monochrome (DIM) mode, color temperature (CT) mode and RGB mode. WIFI-808 controller has a WiFi interface, support for Apple or Android phones WS-808 software control.
WIFI-808 controller's new features: support for WIFI network password settings.

How to connect controller with mobile

First WIFI-808 is energized, and then open the phone settings inside the wireless network or WLAN, search for the name WS808-XXXX wireless hotspot connection before you turn on the phone already installed WS808 software (not installed, please download installation), enter the main interface, you can control the controller. When there is more than one phone software when connecting the control WIFI-808, WIFI-808 controllers work in accordance with the last received command.

(Notice: before open the WIFI-808 mobile software, make sure your mobile phone has connected with the wireless hotspot. It can't be opening software before connecting with the wireless hotspot. Otherwise software will admire not connected with the controller. In this situation you can't control Wifi-808.)

WIFI-808 Network Password Setting

Use the phone, open IE, the address bar enter http://10.10.100.254, in the dialog box enter the user name and password, the default values are admin. Choose to enter the wireless access point settings page, select encryption mode and encryption algorithm, set the WiFi network password, and then restart the module into the module administration page.
Note that the page parameters do not modify other settings, including the name of the wireless access point can be modified according to their preferences, but should not be changed to Chinese, or the phone will not be able to search for this access point, the phone will not work with this access point connection. If you have not read Chinese while searching, you can use a computer with a wireless network connection to modify back, or with other domestic (Chinese mainland production) mobile search to this access point modifications. Computers and some domestic (Chinese mainland production) can search for Chinese mobile phone access point.

Scene operations

Mobile software can perform scene memory and recall operations.
Scenes parameter data stored in WIFI-808 controller, the mobile phone software has changed the scene parameters.
Every time you open mobile software moments from WIFI-808 controller to get the latest scene parameters.
DIM mode, CT mode, RGB mode are nine scenes.

No.	Mode	Description
1	Static red	brightness adjustable
2	Static green	brightness adjustable
3	Static blue	brightness adjustable
4	Static yellow	brightness adjustable
5	Static purple	brightness adjustable
6	Static cyan	brightness adjustable
7	Static white	brightness adjustable
8	RGB skipping	speed/brightness adjustable
9	7 colors skipping	speed/brightness adjustable
10	White strobe	speed/brightness adjustable
11	7 colors strobe	speed/brightness adjustable
12	Red Fade out and fade in	speed/brightness adjustable
13	Green Fade out and fade in	speed/brightness adjustable
14	Blue Fade out and fade in	speed/brightness adjustable
15	Yellow Fade out and fade in	speed/brightness adjustable
16	Purple Fade out and fade in	speed/brightness adjustable

1.Activation of receiver and remote control

When power is on, press the ON/OFF key for 3 seconds of the receiver until the green indicating light constantly on; then press any button on remote control, the green light of receiver turns off, the control between the remote control and the receiver is activated.

When power is on, press the ON/OFF key for 5 seconds of the receiver, the green indicating light of receiver is on and then off; then press any button on remote control, the green light of receiver start flickering, the control between remote control and receiver is cancelled.
Note: The product is learning type RF controller, the remote control and receiver can be controlled only after activating.

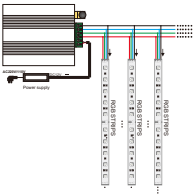
No.	Mode	Description
17	Cyan Fade out and fade in	speed/brightness adjustable
18	White Fade out and fade in	speed/brightness adjustable
19	RGB Fade out and fade in	speed/brightness adjustable
20	Red/green gradual alternately	speed/brightness adjustable
21	Red/blue gradual alternately	speed/brightness adjustable
22	Green/blue gradual alternately	speed/brightness adjustable
23	Red/yellow gradual alternately	speed/brightness adjustable
24	Green/cyan gradual alternately	speed/brightness adjustable
25	Blue/purple gradual alternately	speed/brightness adjustable
26	Green/yellow gradual alternately	speed/brightness adjustable
27	Blue/cyan gradual alternately	speed/brightness adjustable
28	Red/purple gradual alternately	speed/brightness adjustable
29	Bine/white gradual alternately	speed/brightness adjustable
30	Yellow/purple/cyan gradual alternately	speed/brightness adjustable
31	RGB gradual alternately	speed/brightness adjustable
32	Full color gradual alternately	speed/brightness adjustable

Others

1. Circulation pattern: jump run five times for each pattern, gradient run three times for each pattern, the pattern runs three times each strobe, strobe run 20 times for each pattern.
2. Dynamic pattern when a cycle rate of change current pattern, or the brightness of all patterns.
- 3.DIY pattern running speed and brightness can be changed, but before long press DIY key to save and if after the change is not saved, then short press DIY key once resumed immediately before changing values.
- 4.PLAY Repeat: only looping DIY dynamic changes in effect, if the DIY key stored static color, Loop will be skipped when the static color DIY if four are static colors, the red light flashes 3 times.

CONNECTION DIAGRAM

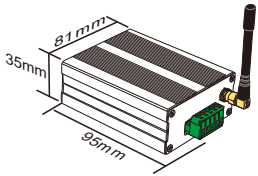
1. Single unit connection



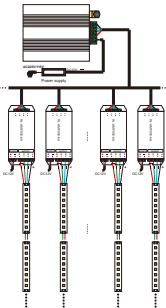
TECHNICAL PARAMETER

Model No.: HL-WIFI-808
Power chosen: CV power supply
Input voltage:DC12V-24V
Outputvoltage: DC12V-24V
Outputsignal: CV PWM
Current load: 4A*3CH=12A
Outputpower: 144W-288W
Control mode: Dimming/color temp adjustable/RGB changing (3 in 1)
Changing mode: 32
Dimming range: 5-100%
G.W.: 300g
Product size: L95*W81*H35 (mm)
Package size: L110*W90*H42 (mm)

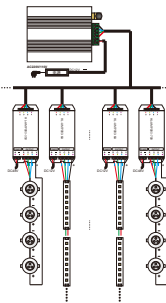
PRODUCT STRUTURE



2. Connect to sync amplifier



3. Mix-connect to sync amplifier



**HL-WIFI-808
WIFI 3 IN 1 CONTROLLER**

USER MANUAL



ZHUHAI HIGHLIGHT ELECTRONIC TECHNOLOGY CO., LTD.



**HL-WIFI-808
WIFI 3 IN 1 CONTROLLER**

FOREWORD

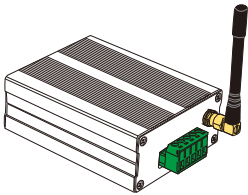
Thank you for choosing our product. Before use, read carefully the manual for knowing the usage and operation of this item. CE, FCC, RoHS Certificate have been approved. If it is our product's problem, 3 years warranty since the date of signing contract, excluding improper use lead to product damage and burn out.

PRODUCT FEATURES

- Use for single color/color temperature/RGB LED lamps.
- Color wheel remote + IOS/Android APP controllable
- User DIY functionbuilt-in 25 scene modes.
- 3 in 1 (RGB, dimmingcolor temp) application
- Mobiledevices controllabewithoutoccupyingthe network.
- Mix-connect with constant current/constant voltage LED sync amplifier

SOFTWARE PARAMETER

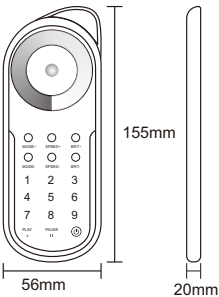
Software name: WS808
Operation platform: Mobile devices with WIFI access
System version: Android 2.1 or above, IOS4.3 or above
Size: Androidversion: 2.1MB, IOS version: 3.0MB
Setup language: Chinese/English
Category: communication
Others: Free/Green/Plug-in-free



OPTIONAL REMOTE 1

Model No.: HL-S911
Battery type: DC5V Lithium battery
Battery capacity: 1000mAh
Charging port: Micro USB
Outputsignal: 2.4GHz
Remote functionSync/zone dimming
Remote distance: 30m
G.W.: 200g
Product size: L155*W56*H20 (mm)
Package size: L173*W65*H46 (mm)

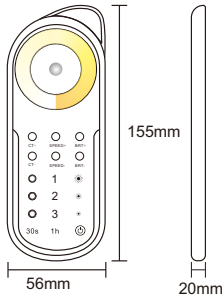
PRODUCT STRUTURE



OPTIONAL REMOTE 2

Model No.: HL-S912A
Battery type: DC5V Lithium battery
Battery capacity: 1000mAh
Charging port: Micro USB
Outputsignal: 2.4GHz
Remote functionSync/zone color temp adjustable
Remote distance: 30m
G.W.: 200g
Product size: L155*W56*H20 (mm)
Package size: L173*W65*H46 (mm)

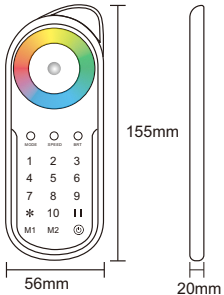
PRODUCT STRUTURE



OPTIONAL REMOTE 3

Model No.:HL-S913A
Battery type: DC5V Lithium battery
Battery capacity: 1000mAh
Charging port: Micro USB
Outputsignal: 2.4GHz
Remote functionSync/zone RGB
Remote distance: 30m
G.W.: 200g
Product size: L85*W65*H24 (mm)
Package size: L95*W85*H32 (mm)

PRODUCT STRUTURE



FAULT ANALYSIS

- LED lamps are not under controlled or not bright:
1. If input voltage or output power fit the loading lamps.
 2. If master control is working, or change the mode.
 3. If there is problem with the power supply of master control and splitter, or wrong connection.

ATTENTION

1. The product shall be installed, serviced by a qualified person.
2. This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
3. Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
4. Please check if the output voltage of any LED power supplies used comply with working voltage of the product.
5. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

WARRANTY AGREEMENT

Ensure to make customers rest assured and satisfy with our products, we will strictly follow the relevant laws and regulations issued by the state, require the company's after-sales service system reasonably.

1. Lifelong technical assistance and 3-year warranty for free repair or replacement and covers.
2. Date of purchase subjects to the contract or invoice.
3. Warranty exclusions below:
 - 1) Any man-made damages caused from improper operation.
 - 2) User remove, repair, refit the products.
 - 3) Any damages due to the transportation.
 - 4) Damage due to natural disasters and force majeure.
 - 5) Normal use old, worn, cracked and dip, etc.

CONTACT US

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