

Панель сенс. RA-101RGB White (RF, 12-24V,144-288W)

Панель сенс. RA-101RGB Black (RF, 12-24V,144-288W)



Summary

Touch panel controller is a new high-end controller which newly developed by our company. It adopts the newest capacitance touch technology and 2.4G wireless technology. With glass panel design, beautiful and fashionable appearance. It adopts high precision capacitance touch control chip, avoid trigger which caused by mistake and without mechanical loss. It is used for controlling a variety of lamp whose source of light is LED. For instance, point source of light, flexible light strip, wall washer lamp, panel lights etc., it has many advantages such as convenient to connect, easy to use and others. According to the actual need of customers, it can carry out jumpy changing, gradual changing, stroboflash and other effects of change.

Features

1. Full toughened glass panels, generous, fashion, durable.
2. Combine touch-key and touch remote control method, control modes various, simple and flexible.
3. Adopt 2.4G remote control technology, support user configuration one-for-one, one-for-many, many-for-one remote control method.
4. Scene, brightness, speed showed on the panel and synchronous with remote (long press the on/off button for 5 seconds could close the buzzer).
5. Support lighting fixture intergrate dimming, and compatible with all the lighting.
6. Various control panels, different color, multiple output interface, compatible with different lighting fixture, flexible choice.
7. Comply with international standard installation method and dimension, convenient for user installation.

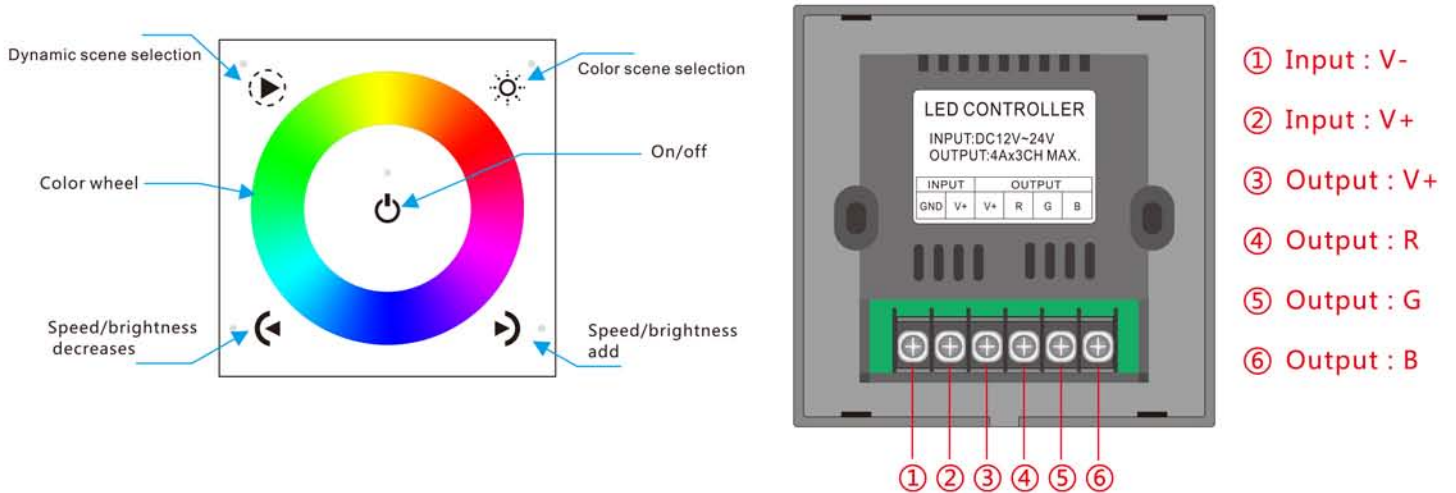
Technical parameters

Color	White/Black
Supply voltage	DC12V~24V
Output current	<4A(per channel)
Output channels	3CH
Output power	12V:<144W, 24V:<288W
Connection mode	common anode
Static power consumption	<1W
Control method	RF/Touch panel
Changing number	16(7 static modes,7 dynamic modes,full color wheel,automatic modes)
Grey steps	1024
Operating temperature	-20°C-60°C

Technical parameters

Remote	
Working voltage	4.5V DC
Remote control way	RF
Launch frequency	2.4GHz
Controlable distance	more than 20 meters
Battery types	3 pcs AAA type batteries
Standby power	0.1mW
Power consumption	7.7mW
Transmission power	35mW
Key Number	6 touch keys , 1 touch wheel
Whole machine	
Working temperature	-20°C~60°C
Identification	CE、RoHS

Panel and interface specifications








Application method


Use method of remote as follow:

Symbol	Function
	Turn off/on the LED light in any state.
	Touch for changing 16 different modes.
	Touch the color on the wheel to get what you want.
	Multiplex function button Static modes for Brightness increasing or decreasing. Dynamic modes for speed accelerating or decelerating.

Application method

Use method of RF RGB touch panel as follow:

Symbol	Function
	Turn on or turn off controller output in any state.
	Switch different dynamic modes.
	Switch different static modes.
	Adjust brightness in static modes , adjust speed in dynamic modes.
	Could choose any color in this full color ring.

Notice : Touch "  " and hold on more than 5s to turn on or turn off the beep.

Remote controller battery installation

This remoter is used 3 pcs AAA batteries, each voltage is 1.5V. Open the cover of the battery; load 3 pcs AAA batteries correctly as per the positive and negative instructions in the battery pack.

Notice:

If the indicator lights on the remote controller flash regularly without touch, please note the battery should be changed.

The remote of low power consumption and awakening

When the user does not touch the remote controller for 20 seconds, the remote controller will automatically enter the lower power sleep mode to save standby power consumption and extend battery life.

When the user needs to re-use reoperate the controller, only touch any key on the touch panel (not the color wheel) to wake up the remote controller for normal use.

Match code method

Match code method:

In 3 seconds after the controller powered, press " | " on the remote three times, 3 seconds later, the led output flick three times, it means the remote match the receiver successfully.

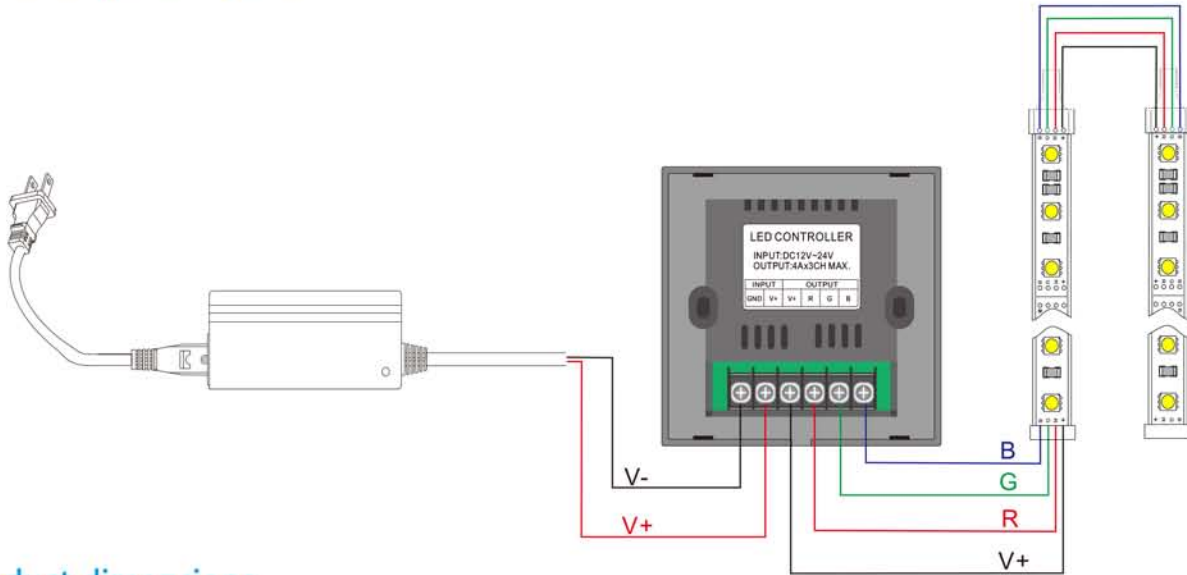
Cancel match code:

In 3 seconds after the controller powered, press " | " on the remote five times, 3 seconds later, the led output flick two times, it means the remote cancel matching the receiver successfully.

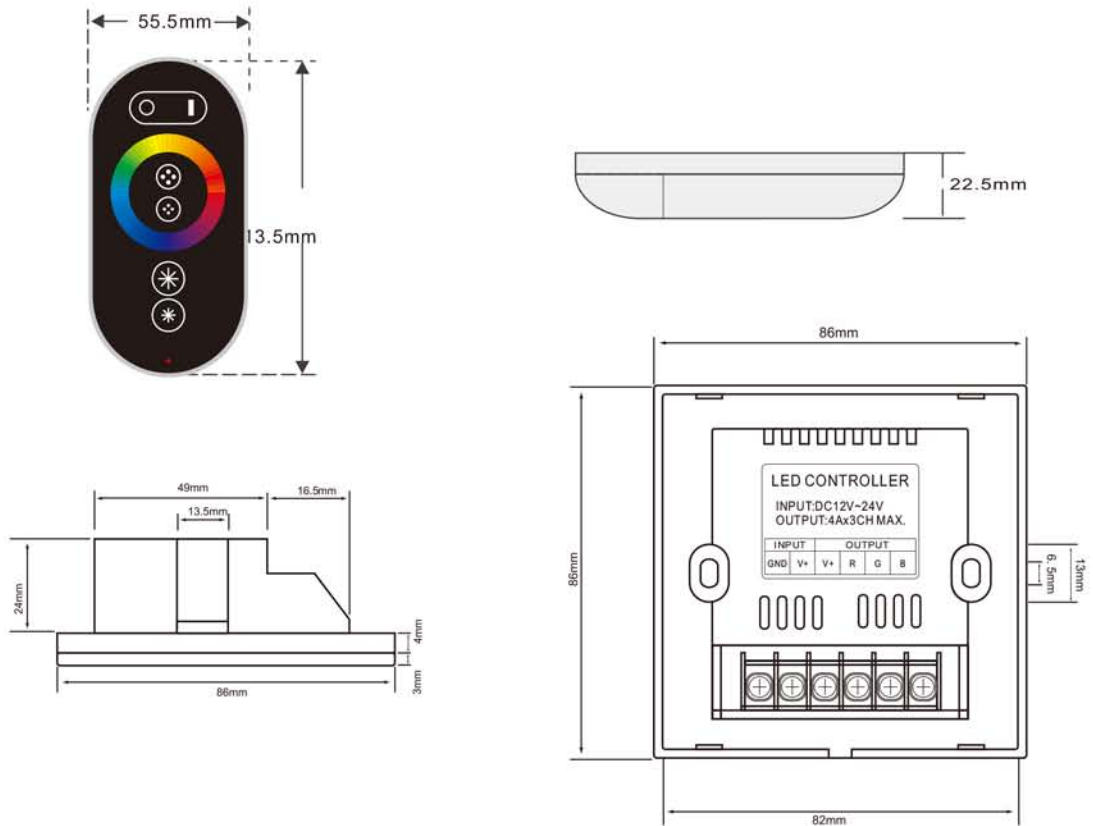
Mode table

NO.	Mode	Remark	NO.	Mode	Remark
1	Static red	Brightness adjustable	9	3-color-jump	Speed adjustable
2	Stati green		10	3-color-fade	
3	Static blue		11	3-color-flash	
4	Static yellow		12	7-color-jump	
5	Static cyan		13	7-color-fade	
6	Static purple		14	7-color-flash	
7	Static white		15	Rainbow	
8	Full color wheel		16	Auto mode	

Power amplifier figure

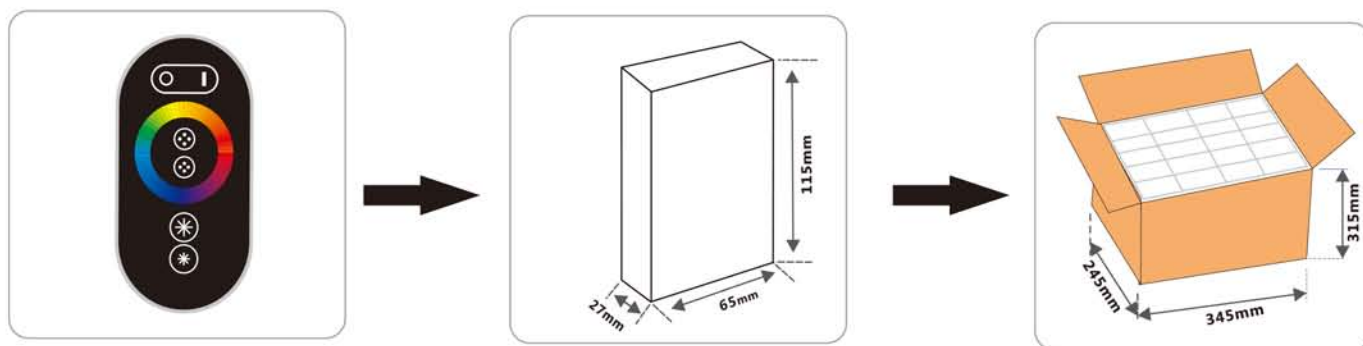


Product dimensions



Product package





Model	Product size	Packaging size	Weight/pcs	Carton size	Weight/box (50/100pcs)
RF RGB touch panel controller	L86×W86×H3mm	L100×W100×H42mm	0.15kg	L540×W240×H240mm	7.5kg
Remote	L113.5×W55.5×H22.5mm	L115×W65×H27mm	0.09kg	L345×W245×H315mm	9kg

Product list



RF RGB touch panel controller



Remote



Holder



Accessories



User manual

Install caution

1. Please install the products by professional electrician.
2. This product can not waterproof, please put into water-proof tank if the clients want to use it outdoor.
3. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
4. Please don't install this controller in lightning, intense magnetic and high voltage fields.
5. Check if the voltage and power adapter suit the controller and LED lights.
6. Please make sure the wires can sufficiently load the LED lights for avoiding accident.
7. Please make sure all the wires are connected correctly before switching on the power.
8. In the event of failure, do not keep maintenance; If in doubt, please contact the supplier.

After-sales service

1. the customers enjoy lifelong technical support for our products :
 - Free Warranty: The customers enjoy free maintenance or replacement for quality problems within one year upon date of purchasing.
 - Paid Warranty: If the free warranty time is overdue, we will charge certain cost of raw materials for repair or maintenance.
2. Following cases are excluded free warranty terms:
 - Any defects caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
 - Any damages due to transportation, breaking, flooding water after the purchase.
 - Any damages caused by negligence, inappropriate storing at high temperature and humidity or environment near harmful chemicals.
 - Product appearance seriously damaged or deformation.
 - Any damages caused by earthquake, fire, flood, lightning strike etc force majeure of natural disasters.
3. Our company would take up the biggest responsibility to replace the same type and quantity accordingly.
4. The clients please inform suppliers the faulty phenomena , using environment etc. For speeding up the maintenance process.