

# **RF Touch Control RGBW Controller**

MODEL: LT-11S-RF

Product Specifications

## **Summary**

The RF Touch Control RGBW Controller uses the latest capacitance touch and wireless technology for easy installation and operation. It is designed to control constant voltage RGBW LED products. Multiple RGBW controllers can be connected and synchronized together in a "master-slave" functionality. Using CAT5 network cable, connect the RJ45 output port of the main controller (master controller) to the RJ45 input port of the secondary controller (slave controller). If multiple secondary controllers are needed, repeat the step above, as shown in the Wiring Diagram on page 3.



## **Safety Instructions**

- 1. Save these instructions.
- 2. Read all the instructions thoroughly before commencing assembly or installation.
- 3. For indoor use only.
- 4. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- 5. Use only Class 2 non-dimmable power supplies.
- 6. Turn off all electrical power before modifying lighting system in any way.



## **Technical Parameters**

Working temperature	-20-60°C	
Supply voltage	12V/24V DC	
Output	4 channels	
Connecting mode	common anode	
External dimension	L91*W88*H24 mm	
Packing size	L106*W106*H66 mm	
Net weight	270g	
Gross weight 300g		
Output gray	256 levels (RGBW each)	
Output current	<6(each channel)	
Output power	12V:<288W, 24V:<576W	
Frequency of RF remote control	433.9MHz	

Note: The remote control uses 3pcs AAA batteries (sold separately).

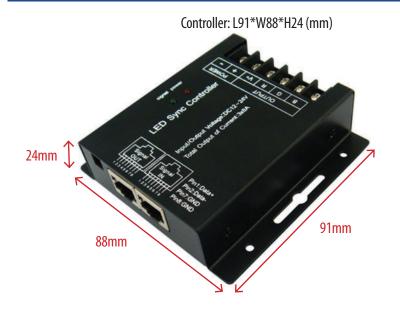


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#### The function of each button as below:

Name of key	Instruction	Remarks
ON/OFF	Turn ON/OFF the LED light in any state	
Pause	Pause or Continue	
Mode	Will switch to next function every time you touch the key	21 modes in total.
Speed/Brightness +	The Speed/Brightness will increase, every time you touch the key	Adjusts speed for dynamic modes and brightness for static ones.
Speed/Brightness -	The Speed/Brightness will decrease, every time you touch the key	Adjusts speed for dynamic modes and brightness for static ones.
Colour Wheel	Change to desired colour	

## **External Dimension**



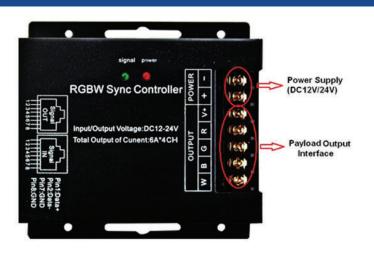
Remote control: L113\*W55\*H22mm



## **Interface Specifications**



RJ45 network cable ports



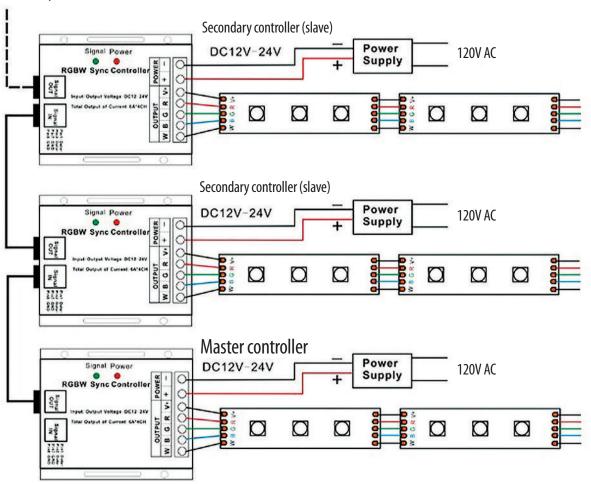


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## **Typical Applications**

#### **Application Circuit 1:** 1. Use only Magic Lite non-dimmable 24V DC power supplies. 2. Install products as per diagram (connect the load side 120V AC DC12V-24V first, then connect the power). In this process, please avoid Power Supply short-circuits. Signal Power **RGBW Sync Controller** W 8 G 8 V. œ OUTPUT 8 6 1111 8888

### Application Circuit 2: Synchronization function with Network Line (RJ45)





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