

HX-SZ600-DIM

RF Touch Dimmer

Product Specifications



This product warranty is 1 years (exclude the artificial situation of damaged or overload working)

Before installing this product, Please read this manual carefully. Ensure full understanding of this specification to avoid unnecessary damage and additional costs.

Product Description

HX-SZ600-DIM, adopt the most advanced PWM (Pulse Width Modulation) digital dimming technology, especially design for single color led strip. Adopt full touch RF remote control. 5 function buttons and 1 dimming ring in the center, all buttons are in the touch form, and the dimming ring has 128 levels in different brightness value. Particularly, there is a sense light in the remote control center. It shows the exactly light which is touched. As the led strip is the same. Further, there are 3 dynamic modes in the mode button, and the speed is adjustable.

Especially, HX-SZ600-DIM designed with Synchronization function. It is convenient to use RJ45 connector to connect the multiple controllers together, and achieve the synchronization function of thousands meters led strips.

Technical Parameters

Working temperature	-20-60°C
Supply voltage	DC12V~24V
Output	3 channels
Connecting mode	common anode
External dimension	L91*W88*H24 mm
Packing size	L106*W106*H66 mm
Net weight	300g
Gross weight	320g
Output gray	256 levels
Output current	<8A(each channel)
Output power	12V:<288W, 24V:<576 W
Frequency of RF remote control	433.9MHz

External Dimension

Controller: L91*W88*H24mm

Remote control: L113*W55*H22mm



Packing box: L106*W106*H66 mm



Interface Specifications



Adopt RJ45 network cable port

Synchronization interface



Power interface

Payload interface

Direction for use

This product adopts RF full touch control, with one dimming ring and 5 function buttons.



The function of each button as below:

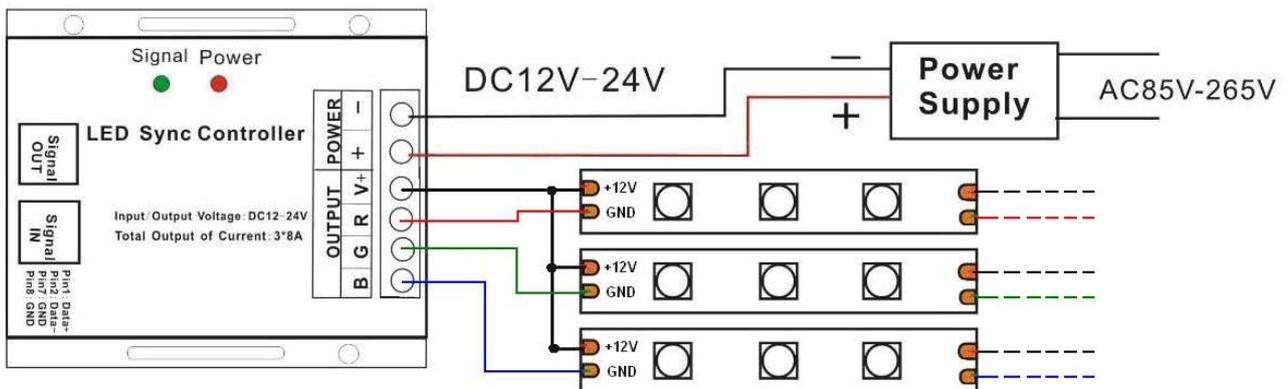
Name of key	Instruction	Remarks
ON/OFF	ON or OFF in any time	
Pause	Pause or Continue	
Mode	The mode will move to next, when touch the key each time	3 modes in total.
Speed/Brightness +	The Speed/Brightness will +1, when touch the key each time	Speed for dynamic modes, Brightness for static modes.
Speed/Brightness -	The Speed/Brightness will -1, when touch the key each time	Speed for dynamic modes, Brightness for static modes.
Color Ring	Touch any color temperature which you want	

3 modes in total as below:

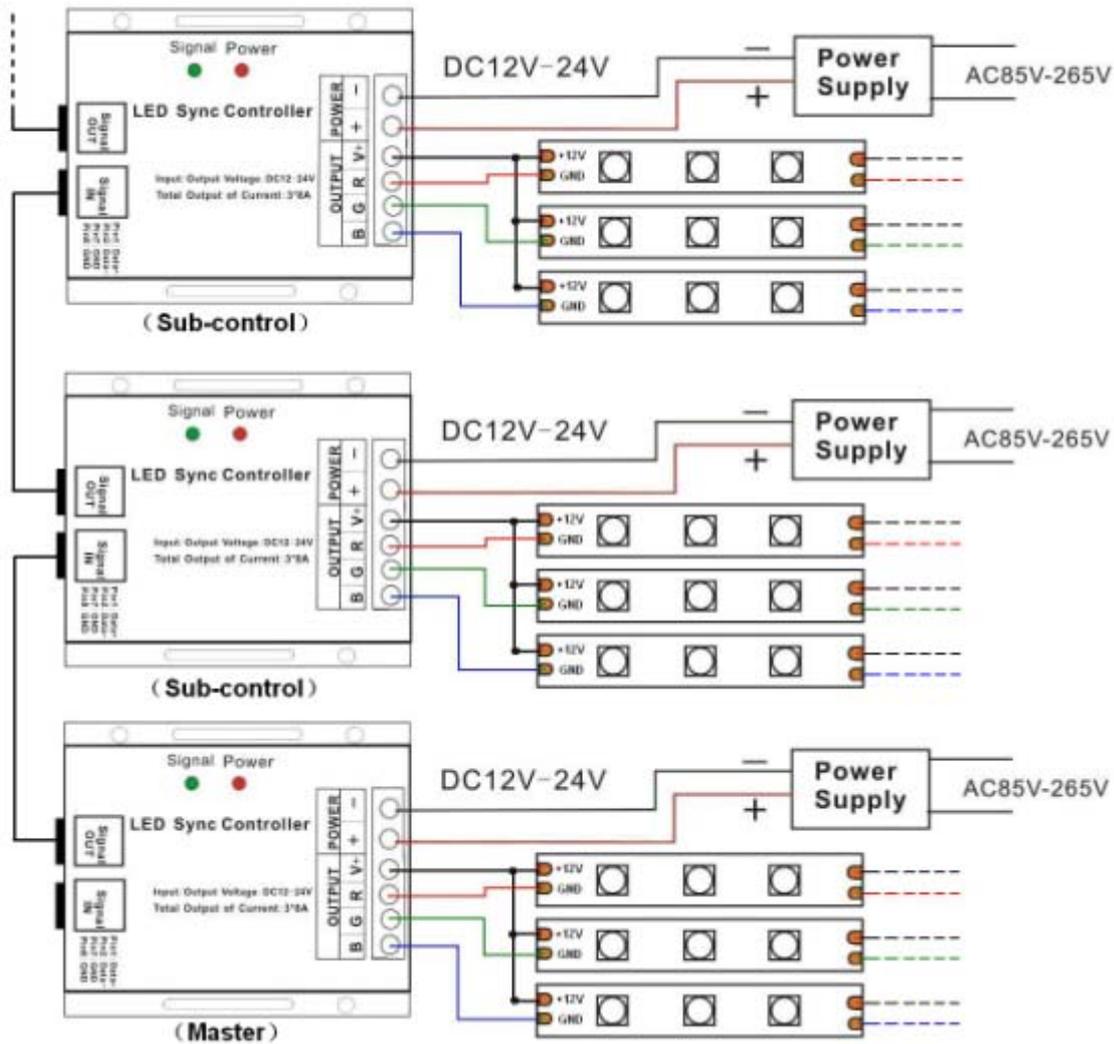
NO	Patterns	Remarks
1	Static 100% light	Brightness is adjustable, speed is unadjustable
2	flash	Speed is adjustable, brightness is unadjustable
3	fade	

Typical Applications

Application Circuit 1:



Application Circuit 2: (Synchronization function with network Line(RJ45))



Notes

1. Supply voltage of this product is DC12V~24V, never connect to others or AC220V.
2. Lead wire should be connected correctly according to grade that connecting diagram offers.
3. This product is not to overload;
4. Warranty of this product is one year, but exclude the artificial situation of damaged or overload working.

Common Problems

Problems	Possible cause	Solution
1. Lamp does not light after power	Power cord is not properly connected, or there is not output switching power supply	Connect the power cord properly or replay the power
	Lamp power cord is not connected or short circuit	Connected lighting power cord
2. After connecting some of the	The connected load is too large,	Replace parts of components or

load the controller does not work	so that it has burned in some of the components of the controller	replace the controller
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