

## User manual

20 key infrared bluetooth music LED controller adopts the advanced micro control unit. It is used for controlling a variety of LED lamp. For instance, point -source light, flexible strip light, wall washer light, glass curtain wall light and soon, it has many advantages such as low cost, convenient connection and ease of use. Meanwhile you could adjust brightness, static colors and color changing effects via infrared remote control, when it is in sound control-mode, the colors will change with the music rhythm.

### Product parameter

	Working temperature: -20-60℃	<b>Scan the qr code to download and install the APP</b>  
	Supply Voltage: AC110V/220V	
	Connection mode: common anode	
	Packing size: L145*W65*H85mm	
	Output current: 2A(Each channel)	
	Static power: <1w	
	Product size: L90*W70*H28 mm	
	Gross weight: 145g	
	Output: 3 circuit	
	Output power: 110V:360W, 220V 720W	
	Remote-controlled distance: 10M	
	Range of use: 110V:30M 220V:50M high voltage LED strip	
	Power off memory function: have	
	Working temperature: -20-60℃	
	Supply Voltage: AC110V/220V	
	Connection mode: common anode	
	Packing size: L145*W65*H85mm	
	Output current: 3A(Each channel)	
	Static power: <1w	
	Product size: L95 *W85*H25mm	
	Gross weight: 265g	
	Output: 3 circuit	
	Output power: 110V:720W, 220V:15000W	
	Remote-controlled distance: 10M	
	Range of use: 110V:50M 220V:100M high voltage LED strip	
	Power off memory function: have	

### Bluetooth APP application

Scan the product qr code with your smartphone, download the APP and install it.

First Bluetooth lamp plugged in, turn on the Bluetooth mobile phone (Settings-> Bluetooth), Scan the QR code, IOS and Android systems can download the "Lotus lantern" APP by scanning the QR code. Open the browser or other tools with "Scan QR code" function, scan the "Lotus lantern" QR code software automatically scans all Bluetooth devices and automatically connect the device

1. Scan two-dimensional code to choose the suitable software and install according to your mobile system and the controller format.
2. Enter software click Bluetooth icon search the power on Bluetooth controller, click connect led controller
3. Under the color ring mode can set any color, can change any color compose into jump, flashing or single














color, the speed of the dynamic change can adjust, can adjust any mode's speed of the stroboflash. Can delete the mode and reset if you don't like.

4. Press music button enter the music mode from the main interface, the light will change according the music rhythm after choosing the music.

5. When you do not use the mobile phone control, you can use the remote control directly.

### Remote control functions

button	Function
	When in static mode(default): to adjust the brightness(16 grades) When in jump3, jump7, fade3, fade7 mode: to adjust the light flashing rate(8 grades) When in music mode: to adjust the sensitivity of receiving music
	Turn on /off the controller
	To select corresponding static color, Red/green/blue/White/orange/Yellow/cyan/purple
 JUMP3	3 colors jump changing
 JUMP7	7 colors jump changing
 FADE3	3 colors gradual changing
 FADE7	7 colors gradual changing
	Sound&control mode_ I (general music), all colors will gradual or jump change following the music/ sound rhythm. If no music/sound input or sensed, all colors will gradual change.
	Sound&control mode_ II (tenderness music), all colors will slow breathing or jump change following the music/sound rhythm. If no music/sound input or sensed, all colors will slow breathing change.
	Sound&control mode_ III (active music), all colors will jump change following the music/sound rhythm. If no music/sound input or sensed, current colors keep lighting.
	Sound&control mode_ IV (DJ music), all colors will jump following the music/sound rhythm. If no music/sound input or sensed, all colors are off.

### Attention

1. Can't short circuit or overload.
2. If the product can not connect successfully, please check whether the mobile Bluetooth is open, the install software format is match, if within control.
3. This product USES high voltage dangerous voltage, do not open the shell, touch the conductive body, prevent electric shock.
4. The warranty period of this product is one year, and it is not covered by the warranty due to the improper operation of the product.