

# FIVE KEY LED CONTROLLER

## TECHNICAL PARAMETERS

### Touch Remote Control

Working Temperature: -20-60°C  
 Power Supply Mode: AAA \* 3  
 Supply Voltage: 1.5V \* 3  
 Transmission Frequency: 433.92 Mhz  
 Standby Power Consumption: 0.015mW  
 Standby Current: 3uA  
 Working Current: 200uA  
 Emission Current: 10mA  
 Remote Distance: about 30m  
 Standby Time: 6 months  
 Remote Control Weight: 85g



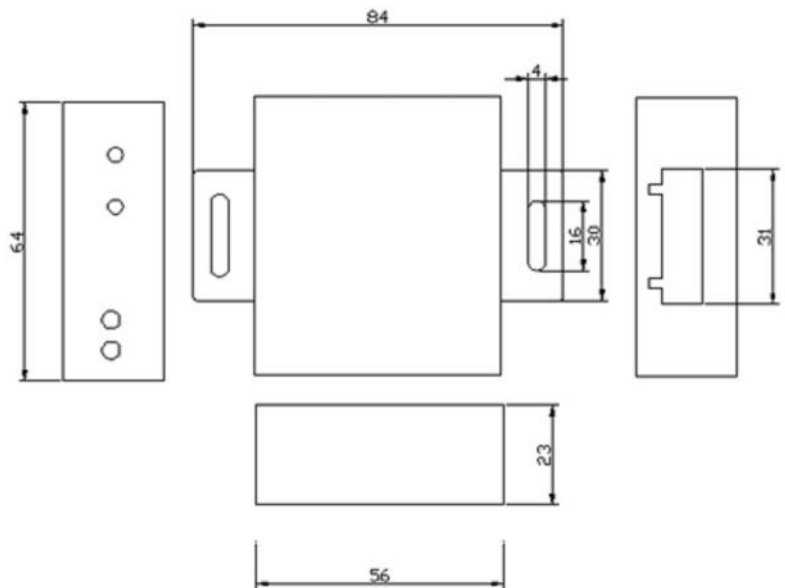
### Controller

Working Temperature: -20-60°C  
 Supply Voltage: DC12V-24V  
 Output: 3 channels  
 Connection Mode: common anode  
 External Dimension: L84 x W64 x H23mm  
 Packing Size: L200 x W146 x H36mm


Net Weight: 78g  
 Gross Weight: 200g  
 Static Power Consumption: <1W  
 Output Current: <5A (each channel)  
 Output Power: 12V:<180W, 24V:<360W

### External Dimension (mm)

Dimensions are for reference only



JKL PART NO.: ZCTR-06

			<div>METRIC</div> <div></div> <div>THIRD ANGLE PROJECTION</div>		<div>DIMENSIONS ARE IN mm (INCHES)</div> <div>TOLERANCE UNLESS OTHERWISE SPECIFIED</div> <div>1 PL +/- REF.</div> <div>2 PL +/- ANGLE +/-</div>		<div>JKL COMPONENTS CORPORATION</div>				
							TITLE				
							LED RGB REMOTE CONTROLLER				
			DRAWN BY		APPV'D BY DATE		SIZE	FSCM NO.	DRAWING NO.		
			L. WENGSTROM		L.R. 8/31/14		A	55335	ZCTR-06		
RELEASE			8/31/14								
REV. NO.	DESCRIPTION/ECO NUMBER		APPV'D DATE	- CAD DRAWING -			SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
				MANUAL REVISIONS NOT PERMITTED			NONE	8/31/14			1 OF 3

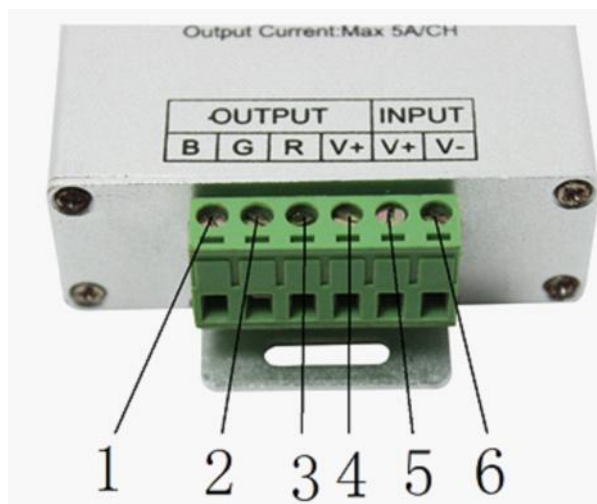
## CONTROL DESCRIPTIONS

### Button Indicator Descriptions



1. Power: power indicator, lights when connected with a external power supply.
2. Signal: RF signal indicator, it flashes when receiving correct remote control signal.
3. Match: match code and clear code key, clear code: hold the key power on, removes remote control address code; no remote control will work. Match code: Press the key during work process, it executes match code operation, after matching code, only the remote control with the same address code can be used.
4. Function: on/off and mode key, a long press of the button, can turn on/off the output of controller, short press of the button, can switch the mode.

### Terminals Descriptions



No.	Name	Type	Description
1	B	Output	Blue
2	G	Output	Green
3	R	Output	Red
4	V+	Output	Common terminal
5	V+	Input	The positive power supply
6	V-	Input	The negative power supply

**JKL** COMPONENTS CORPORATION

SIZE  
**A**

FSCM NO.  
**55335**

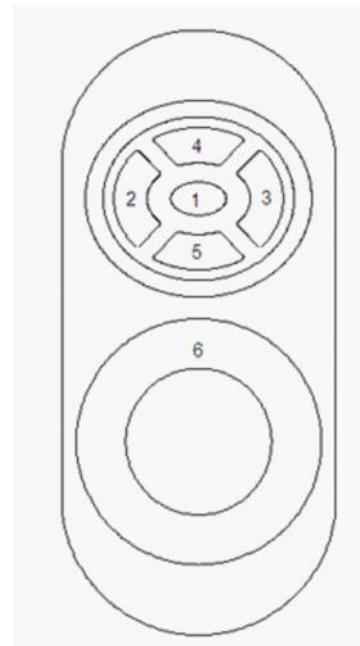
DRAWING  
NO.

**ZCTR-06**

SHEET  
**2 OF 3**

## DIRECTION FOR USE OF REMOTE CONTROL

- (1) On/Off Key: can turn on/off controller output in any state.
- (2) Mode Key: is used for switching mode of controller.
- (3) White Light Switch Key: it is used for switching white light and full-color.
- (4) Brightness/Speed Increase Key: you can adjust brightness in static mode (25 levels), you can adjust speed in dynamic mode (100 levels).
- (5) Brightness/Speed Reduce Key: you can adjust brightness in static mode (25 levels), you can adjust speed in dynamic mode (100 levels).
- (6) Color Ring, Static Mode Selection Key: up to 55 touch points. It is used for selecting the color indicated by current color ring.



Battery Power Management: stop using the remote for more than 15-20s, the remote control will enter the standby state, to extend the battery life. Color ring cannot be used at this time, slightly shake once, then the remote will come back to the normal working state.

The standard change functions are as shown in the following table:

No	Patterns	Remarks	No	Patterns	Remarks
1	Static Red	Brightness is Adjustable, Speed is Unadjustable	12	Red stroboflash	Speed and Brightness are Adjustable
2	Static Green		13	Blue stroboflash	
3	Static Blue		14	Purple stroboflash	
4	Static Cyan		15	Green stroboflash	
5	Static Purple		16	Yellow stroboflash	
6	Static Yellow		17	Cyan stroboflash	
7	Static White		18	White stroboflash	
8	Three-color jumpy changing	Speed and Brightness are Adjustable	19	R/B crossfade	Speed is Adjustable, Brightness is Unadjustable
9	Seven-color jumpy changing		20	B/G crossfade	
10	Three-color gradual changing	Speed is Adjustable, Brightness is Unadjustable	21	G/R crossfade	
11	Seven-color gradual changing				