FIVE KEY LED CONTROLLER

TECHNICAL   PARAMETERS

Touch Remote Control

Working Temperature: -20-60℃
Supply Voltage/Power: 3 Batteries size AAA, 1.5V (included)
Transmission Frequency: 433.92 Mhz
Standby Power Consumption: 0.015mW
Standby Current: 3uA
Working Current: 200uA
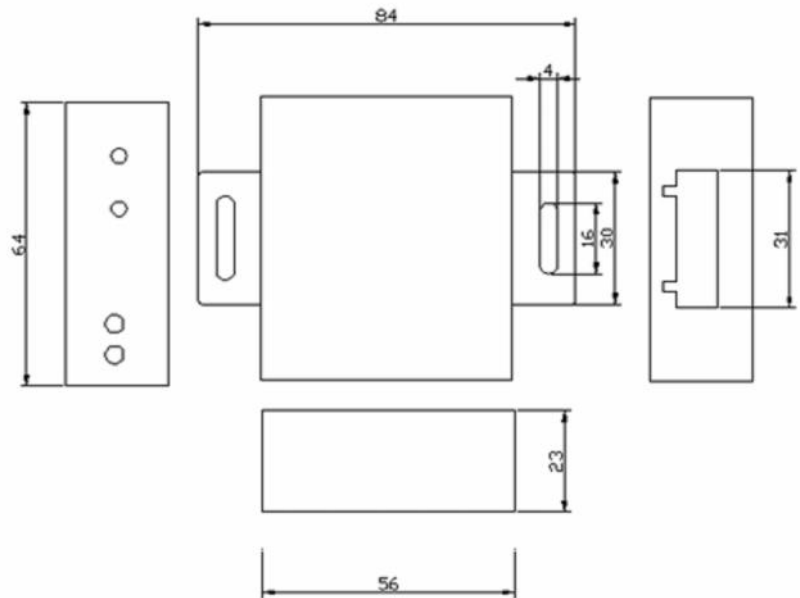Emission Current: 10mA
Remote Distance: about 30m (100 ft)

Controller

Working Temperature: -20-60℃
Supply Voltage: DC12V-24V
Output: 3 channels
Connection Mode: common anode
External Dimension: L84 x W64 x H23mm
Static Power Consumption: <1W
Output Current: <5A (each channel)
Output Power: 12V:<180W, 24V:<360W

External Dimension (mm)

Dimensions are for reference only

CE

JKL PART NO.: ZCTR-06

CONTROL DESCRIPTIONS

Button Indicator Descriptions

(1) **Power Indicator:** lights when connected with an external power supply.

(2) **RF Signal Indicator:** flashes when receiving correct remote control signal.

(3) **Match and Clear Code Button:** To clear remote control address code, hold the button power on, this will remove remote control address and the remote control will not work. To match code, press the code button during setup. After matching code, only the remote control with the same address code can be used.

(4) **Function On/Off and Mode Button:** press and holding this button can turn on/off the output of controller. A short press of the button can switch the mode.

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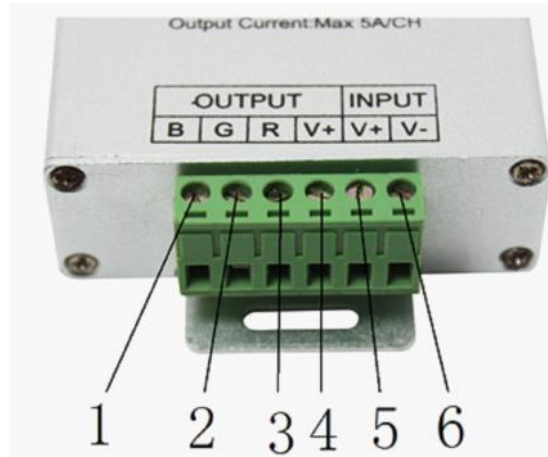
No.	Name	Type	Description
1	B	Output	Blue
2	G	Output	Green
3	R	Output	Red
4	V+	Output	Common terminal
5	V+	Input	The positive power supply
6	V-	Input	The negative power supply

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SIZE	FSCM NO.	DRAWING NO.		SHEET
A	55335		ZCTR-06	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 to achieve different pattern changes shown in numbers 1-21 in the Table below.

(3) **White Light Key:**   can be pressed to achieve a Cool White light. Press again to bring back full-color mode.

(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 color ring.
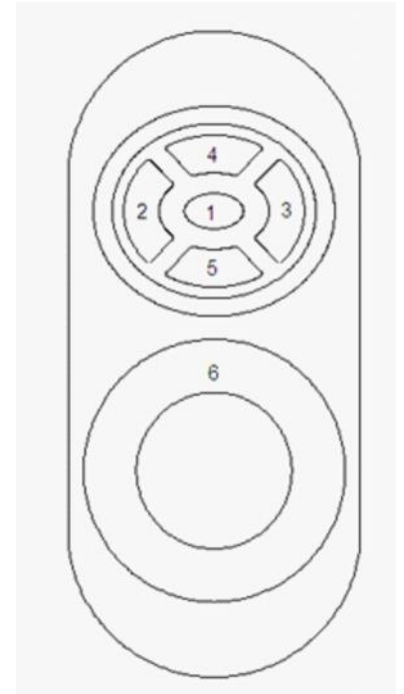
Battery Power Management: when you stop using the remote for more than 15-20 seconds, the remote control will enter the standby state, to extend the battery life.   The color ring cannot be used while in the standby state.   Slightly shake once, then the remote will come back to the normal working state.

Pattern Change Functions Table

No	Patterns	Remarks	No	Patterns	Remarks
1	Static Red	Brightness is Adjustable, Speed is Unadjustable	12	Red stroboflash	Speed is Adjustable, Brightness is Unadjustable
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 Quick Change	Speed is Adjustable Brightness is Unadjustable	19	R/B crossfade	Speed is Adjustable, Brightness is Unadjustable
9	Seven-color Quick Change		20	B/G crossfade	
10	Three-color Fading Change	Brightness is Unadjustable Speed is Adjustable	21	G/R crossfade	
11	Seven-color Fading Change				

Note: Functions #19-21 is automatic transitioning of two colors.

Example: #19 changes from red to blue continuously.

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