



C210A Series MESH Series Remote Control

MESH LED CONTROLLER MESH REMOTE CONTROL SET



C-211A/DIM **MESH**
2PIN PWM LED Strip



C-212A/CCT **MESH**
3PIN PWM LED Strip



C-213A/RGB **MESH**
4PIN PWM LED Strip



C-214A/RGBW **MESH**
5PIN PWM LED Strip



C-215A/RGBWC **MESH**
6PIN PWM LED Strip

Compatible remote controls A single device can support 10 remote controls at the same time



R-101/DIM



R-102S/CCT



R-102/CCT



R-103/RGB



R-104/RGBW



R-105/RGBCCT



R-011/DIM



R-023/3 WAY

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Local Controls:
MESH remote control realizes local physical key control (such as switching, group switching, basic dimming) through MESH, which is suitable for the elderly, children or quick operation.

peculiarity

- MESH wireless transmission technology, stable signal and strong penetration.
- Support matching multiple devices, multiple devices can be controlled at the same time, and one remote control can manage and synchronize up to 500 controllers. Each controller can be supported by 10 remote controls.(Control distance 30 meters)
- The brightness of the remote control can be adjusted according to personal preference, and the brightness and speed of the dynamic mode can be edited.
- Device click to run and automate, automatic transfer and synchronization function.
- PWM (Pulse Width Modulation) technology is adopted to ensure smooth light transition and avoid eye fatigue.
- Support multi-controller cascade, easily cover large-area lighting scenes such as shopping malls, theaters, building facades, etc.

Device parameters

LED controllers

Input voltage	DC 24-48V
Input current	6/CH; 15A max
Access signal	MESH
Control the distance	30M
Size	L113XW39XH20mm
Authentication	CE,ROHS

LED remote control

voltage	3V(AAA+2PCS)
Operating current	10mW
Transmission frequency	MESH (2.4GHz)
Transmit power	6dBm
Color temperature range	2700K-6500K
Dimming range	1-100% Infinitely dimming

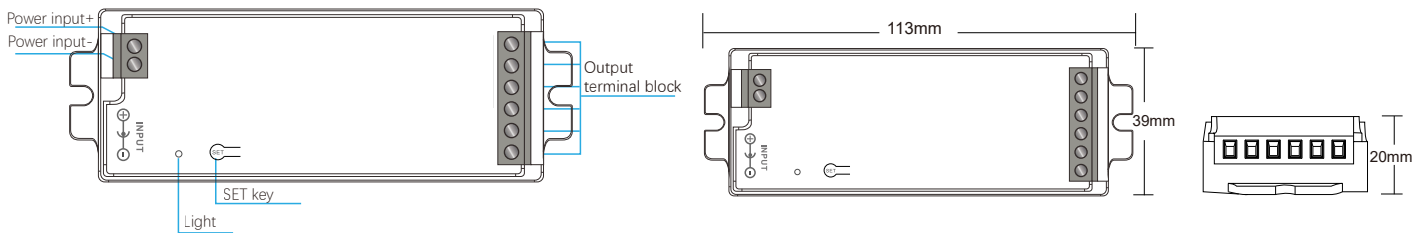
Operating temperature	Ta:-20°C~+60°C
Maximum temperature of the case	Tc:+65°C
IP rating	IP20

Wrap	
Package size	L11.6XW4.55XH2.45cm/0.06kg
Box size (100 pcs)	L42.5XW26.5XH17cm/6kg

Remote control distance	30M
Size	L122XW53XH21mm
Operating temperature	Ta:-20℃～+60℃
Authentication	CE,ROHS

Wrap	
Package size	L13XW5.8XH2.7cm/0.105kg
Box size (100 pcs)	L27XW30XH15cm/11kg

Equipment mechanism and installation



Wiring diagram of the device

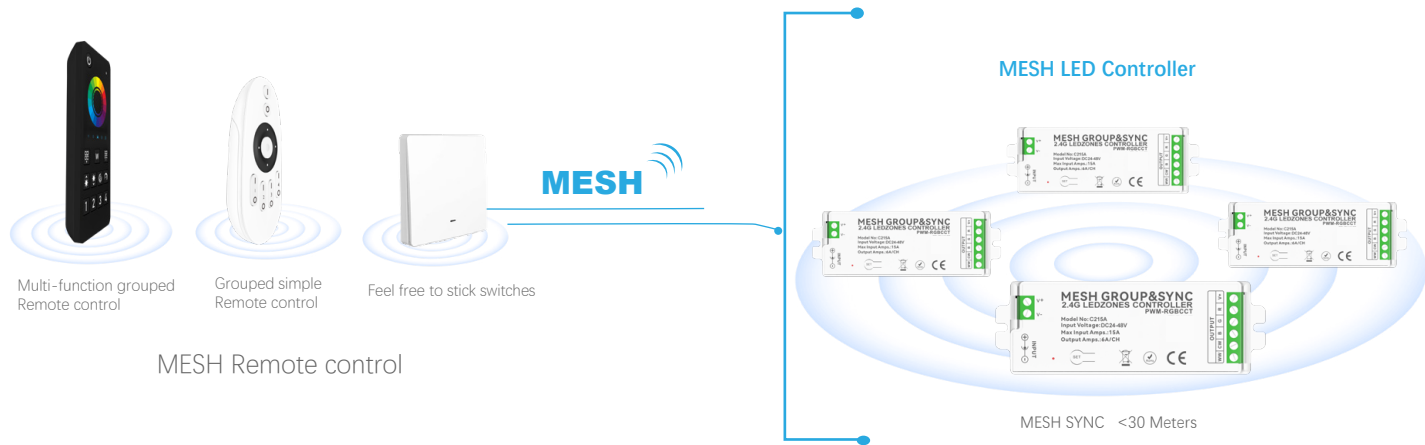
Connect the strip light

AC100-240V



Schematic diagram of the control connection

MESH wireless communication technology



Product function description & reset the device

function		Button mode	Power-off mode
	'SET'key	ON/OFF	Short press (release within 1s)
	MESH Remote Control	The remote control is paired	Press (3S) The indicator light flashes quickly
	Clean up and reset	Press and hold (10S) to The controller indicator flashes quickly	10 Times

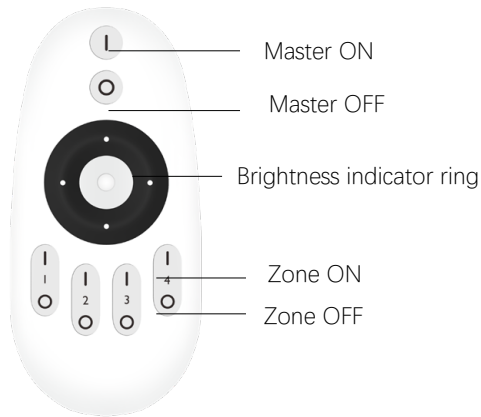


Description of the function of the remote control

Multi-function grouped remote control

Main ON/OFF button **1 2 3 4** Grouping key Short press; Select the key function. Long press; Perform key functions.

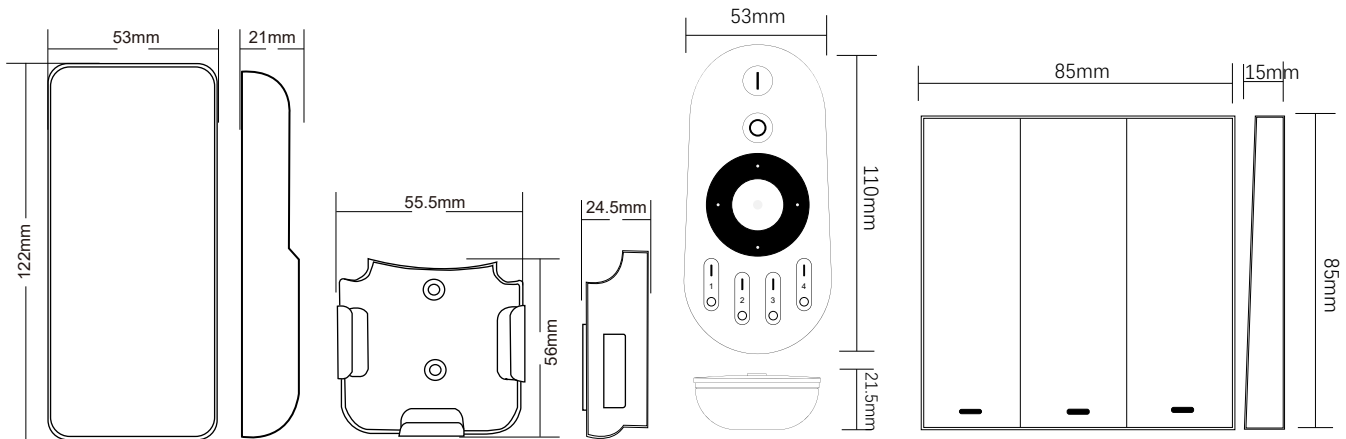




Grouped simple Remote control



Feel free to stick switches



Safety Precautions

1. The remote control is a precision electronic product, please do not use it in a humid or high temperature environment for a long time. If not in use for a long time, remove the battery and store it in a cool, dry place.
2. Do not use this device in a large area of metal or in an environment with strong electromagnetic waves nearby, otherwise it will seriously affect the control distance
3. Please check whether the input voltage of the constant voltage power supply meets the requirements of the controller, and check whether the connection of the cathode and anode is correct.
4. The working voltage is DC 5~24V, if the voltage is higher than 24V, the controller will be damaged.
5. Non-professional users cannot directly disassemble the controller, otherwise it may cause fire and electric shock.
6. The working temperature (Ta) is -20~60°C; Do not use the device in direct sunlight, humidity, or other high-temperature areas.
7. When the equipment load reaches 15A, the wire diameter must be more than 1.5 square millimeters
8. When the device load exceeds 10A, the connection cable from the DC port to the LED strip must be shorter than 40cm.
9. Please install the device in a good heat dissipation area.