LTECH

M series LED controller M4/M8

RF WIRELESS

Wall-mounted

FC CE RoHS warranty 5 years ISO9001:2008

M series LED controller is compatible with 8 kinds remotes of different function (patent technology) . which means using one receiver could experience single color/CT dimming, RGB/RGBW adjustment to meet customers' different lighting requirements. With the RF remote, speed/brightness adjustment. customise color and lighting changing modes selection could all be achieved
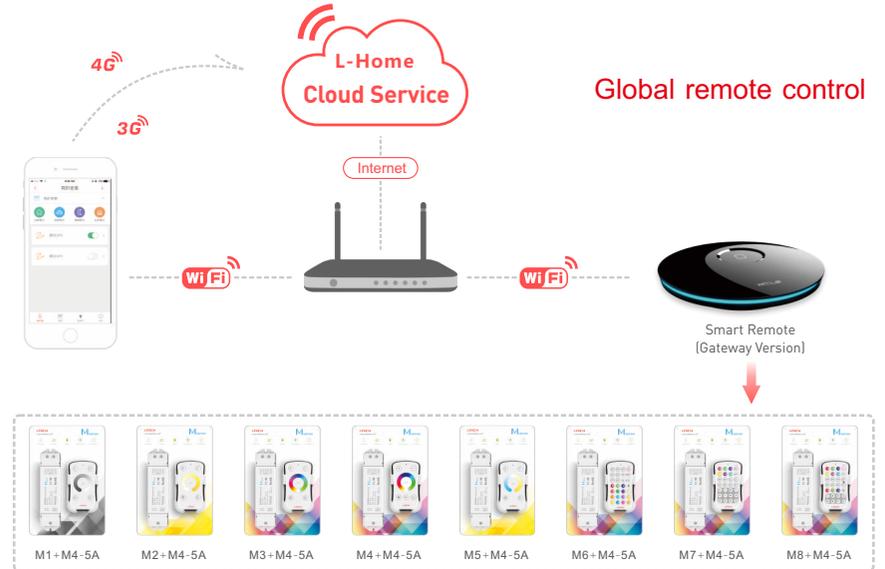
1. Parameter:

Remote(RGBW):

Model:	M4/M8
Working Voltage:	3Vdc (battery CR2032)
Working Frequency:	433.92MHz
Remote Distance:	30m
Working Temp.:	-30℃~55℃
Weight(N.W.):	42g

CV Receiver (RGBW):

Model:	M4-5A
Input Voltage:	12~24Vdc
Current Load:	5A×4CH Max 20A
Max Output Power:	(0...60W~120W) × 4CH
Protection:	Short circuit / Over-load
Working Temp.:	-30℃~55℃
Weight(N.W.):	125g

2. System Diagram:

Global remote control

| M1+M4-5A | M2+M4-5A | M3+M4-5A | M4+M4-5A | M5+M4-5A | M6+M4-5A | M7+M4-5A | M8+M4-5A |

3. Product Size:
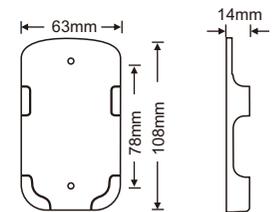

175mm
44mm
170mm
30mm

Receiver

60mm
9mm
104mm

Remote

63mm
14mm
78mm
108mm
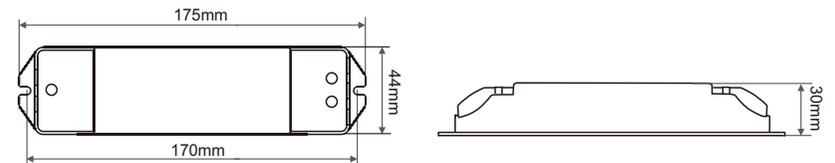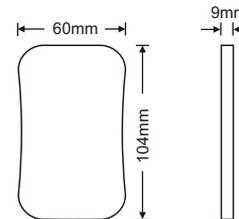
Remote-holder

4. The Learning ID Method of Remote Control:

Remote control has been matched to the receiver before leave factory, if deleted accidentally, you can learn ID as follow.

Learning ID: Short press ID learning button on the M4-5A receiver, the running light is on, then press any key on the M4/M8 remote control, the running light flashes several times, activated.
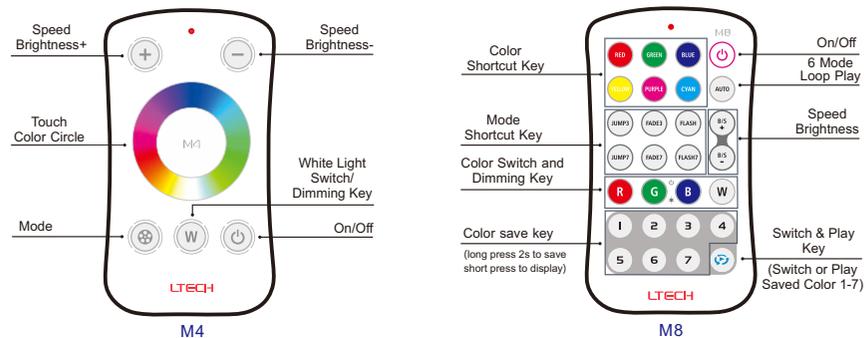
Cancel ID: Long press ID learning button on the M4-5A receiver for 5 seconds.

Attn: one receiver can be matched with max 10 same or different kinds remote.

5. Operating Instruction for Receiver :

Running Light

ID Learning Button

12~24Vdc
Power Input Socket

MODEL:M4-5A

LED Lamps
Connection Socket

6. Operating Instruction for Remote Control :

Speed Brightness+

Speed Brightness-

Touch Color Circle

White Light Switch/ Dimming Key

Mode

On/Off

M4

Color Shortcut Key

Mode Shortcut Key

Color Switch and Dimming Key

Color save key
(long press 2s to save short press to display)

On/Off

6 Mode Loop Play

Speed Brightness

Switch & Play Key
(Switch or Play Saved Color 1-7)

M8

M4 Changing Mode Table

No.	Mode	Instrutcion	No.	Mode	Instrutcion
1	Static Red	Brightness Adjustable	7	Static White	Brightness Adjustable
2	Static Green	Brightness Adjustable	8	RGB Skipping	Speed/Brightness Adjustable
3	Static Blue	Brightness Adjustable	9	7 Colors Skipping	Speed/Brightness Adjustable
4	Static Yellow	Brightness Adjustable	10	RGB Color Smooth	Speed/Brightness Adjustable
5	Static Purple	Brightness Adjustable	11	Full-color Smooth	Speed/Brightness Adjustable
6	Static Cyan	Brightness Adjustable	12	Static Black	White light can be turn/off and adjusted

7. Wiring Diagram:

E.g. 1: Connected 12V lamp, loads 0~240W (5A×4CH×12V).

220/110Vac

72W/5m

RGBW Strip

M4-5A

RGBW Strip

Power Supply

12Vdc

RGBW Strip
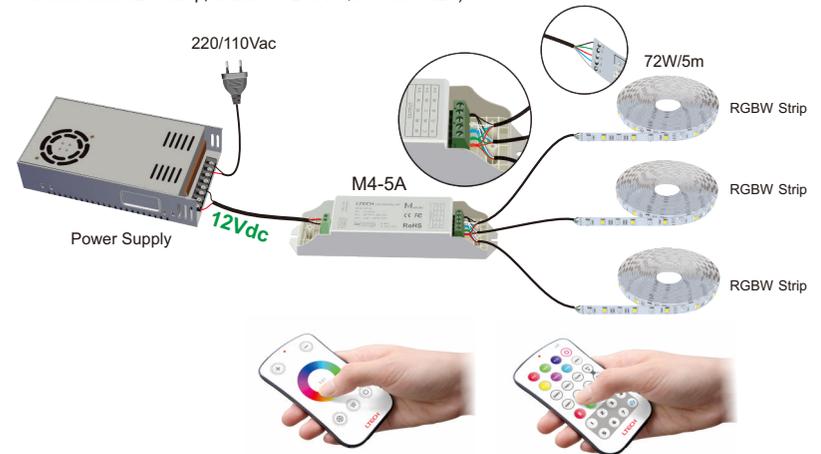
E.g. 2: Connected 24V lamp, loads 0~480W (5A×4CH×24V).

72W/5m

RGBW Strip

220/110Vac

RGBW Strip

M4-5A

RGBW Strip

Power Supply

24Vdc

RGBW Strip

RGBW Strip

RGBW Strip