

# M series LED controller M1

RF WIRELESS



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(DIM):

- Model: M1
- Working Voltage: DC3V(battery CR2032)
- Working Frequency: 433.92MHz
- Remote Distance: 40~50m
- Working Temp.: -20°C~55°C
- Weight(N.W.): 42g

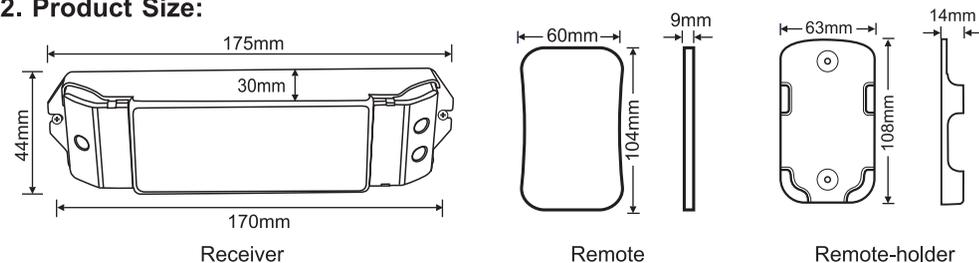
### CV Receiver(DIM):

- Model: M4-5A
- Input Voltage: DC5V~DC24V
- Max Current Load: 5A×4CH Max 20A
- Max Output Power: 100W/240W/480W(5V/12V/24V)
- Gray Scale Level: Max 4096×4096×4096×4096
- Working Temp.: -30°C~55°C
- Weight(N.W.): 125g

### CC Receiver(DIM):

- Model: M4-CC
- Input Voltage: DC12V~DC48V
- Output Voltage: DC3V~46V
- Load Current: CC350mA/700mA/1050mA×4CH
- Output power: 1.05W~48.3W Max 193.2W
- Gray Scale Level: Max 4096×4096×4096×4096
- Working Temp.: -30°C~55°C
- Weight(N.W.): 125g

## 2. Product Size:



## 3. The Learning ID Method of Remote Control:

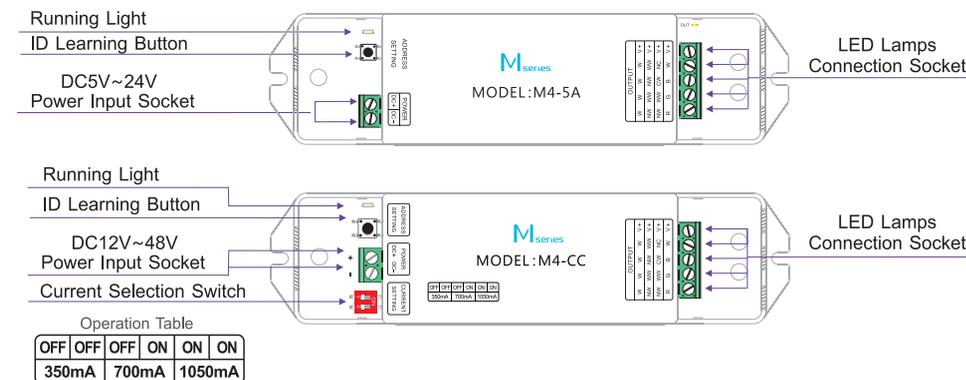
Remote control has been matched to the receiver before leave factory, if deleted accidentally, you can learn ID as follow.

**Learning ID:** Short press ID learning button on the M4-5A/M4-CC receiver, the running light is on, then press any key on the M1 remote control, the running light flashes several times, activated.

**Cancel ID:** Long press ID learning button on the M4-5A/M4-CC receiver for 5 seconds.

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

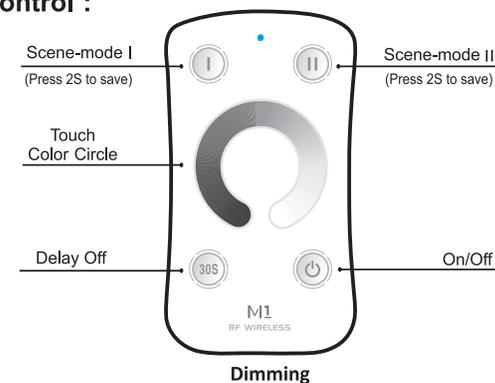
## 4. Operating Instruction for Receiver :



## 5. Operating Instruction for Remote Control :

### Sleep Mode:

the remote goes on a standby mode to save power when not in use for 30s. press any key to continue.



6. Wiring Diagram:

A. CV Receiver

E.g. 1: Connected 12V lamp, loads1~240W(12V).

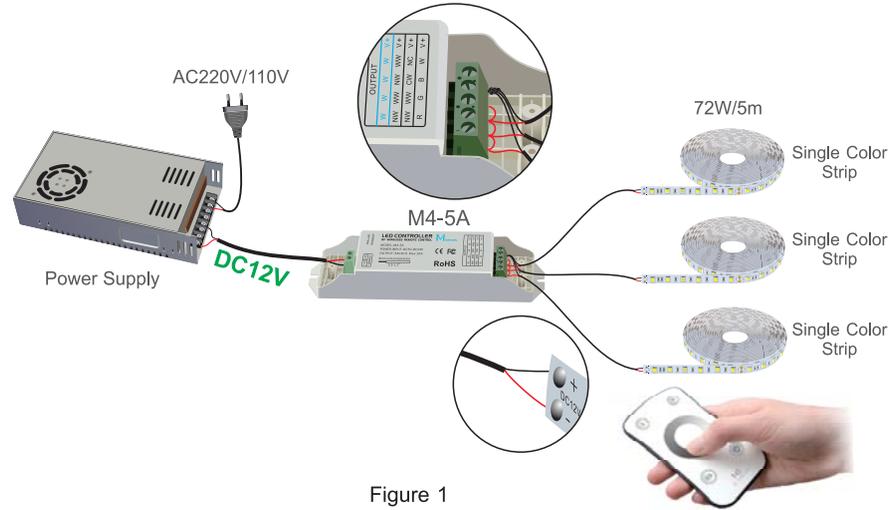


Figure 1

E.g. 2: Connected 24V lamp, loads1~480W(24V).

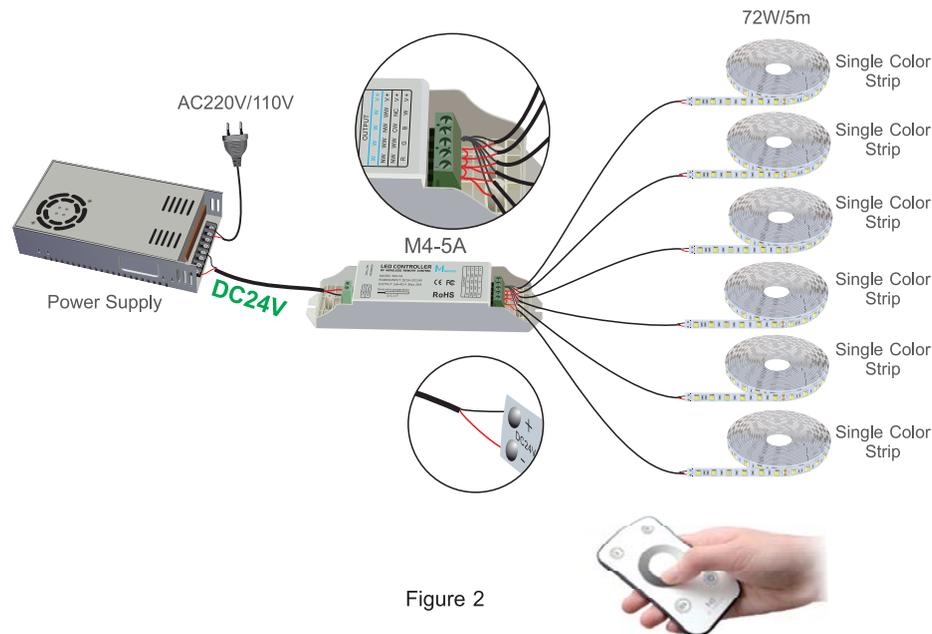


Figure 2

B. CC Receiver

48V input, 3~46V output, power series 1~13pcs LEDs. | 4CH CC output, each channel is independent, could connect different kinds and quantity LEDs. output current can be up to 24V input, 3~34V output, power series 1~10pcs LEDs. | 2CH/3CH/4CH parallel connection. E.g.: 1050mA selection, 12V input, 3~10V output, power series 1~3pcs LEDs. | the current will up to 4200mA in 4CH parallel connection.

Flexible and variety connection, up to several hundred, make you more convenient in project installation, part example as follow.

