MiNi LED controller M3/M6/M7

🛜 RF WIRELESS

FC CE RoHS (warranty 5 years)

Mini series LED controller reflected LTECH more than 10 years' powerful independent R&D ability in LED field, Its volume is only 1/3 of the conventional controller, but can implement features such as dimming, RGB and color temperature control. Its high cost performance and creative design, allowing users to enjoy the benefits and convenience.
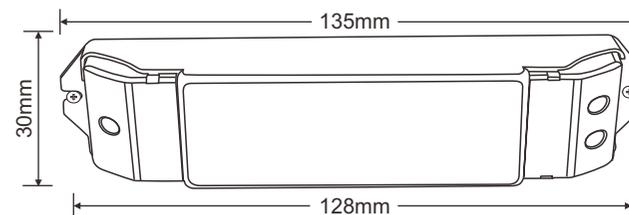
1. Parameter:

Receiver:

- Model: M3-3A
- Power Input: 12~24Vdc
- Current Load: 3A×3CH Max. 9A
- Output Power: (0~36W...72W)×3CH
- Working Temp.: -30℃~55℃
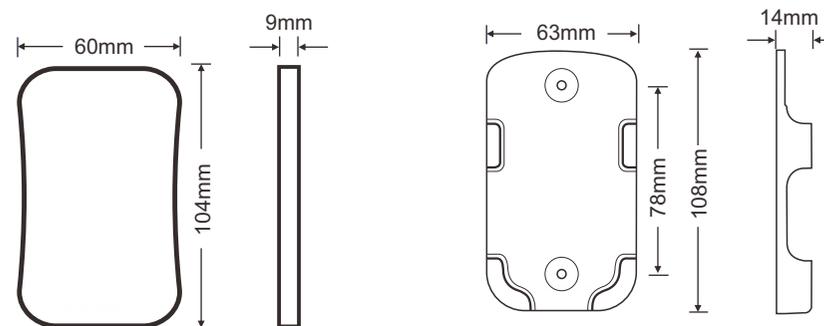- Dimensions: L135×W30×H20(mm)
- Weight(N.W.): 47g

Remote:

- Model: M3/M6/M7
- Working Voltage: 3V (battery CR2032)
- Working Frequency: 433.92MHz
- Working Temp.: -30℃~55℃
- Dimensions: L104×W58×H9(mm)
- Weight(N.W.): 42g
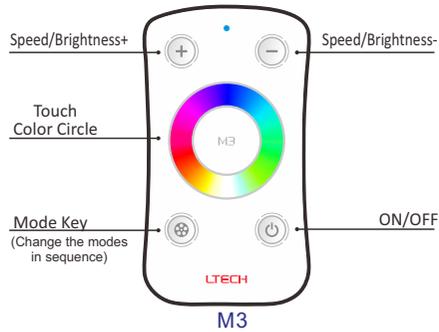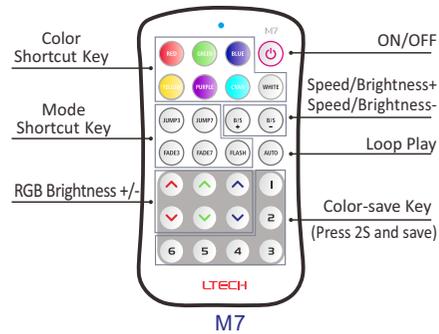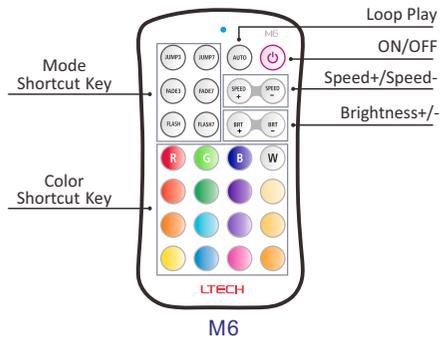- **Total Weight(G.W.): 135g**

2. Product Size:

135mm
30mm
128mm
20mm

Receiver

60mm
9mm
104mm

RF remote

63mm
14mm
78mm
108mm

Remote holder

3. Operating Instruction for Remote Control:

Speed/Brightness+
Speed/Brightness-
Touch Color Circle
Mode Key
(Change the modes in sequence)
ON/OFF

M3

Tables of Changing Mode:

1. Static Red	5. Static Purple	9. 7 Colors Skipping
2. Static Green	6. Static Cyan	10. RGB Color Smooth
3. Static Blue	7. Static White	11. Full-color Smooth
4. Static Yellow	8. RGB Skipping	

Mode Shortcut Key
Color Shortcut Key
Loop Play
ON/OFF
Speed+/Speed-
Brightness+/-

M6

Color Shortcut Key
Mode Shortcut Key
RGB Brightness +/-
ON/OFF
Speed/Brightness+
Speed/Brightness-
Loop Play
Color-save Key
(Press 2S and save)

M7

4. Operating Instruction for Receiver:

Power input socket
Remote ID learning button
Indicator light
LED lamp connection
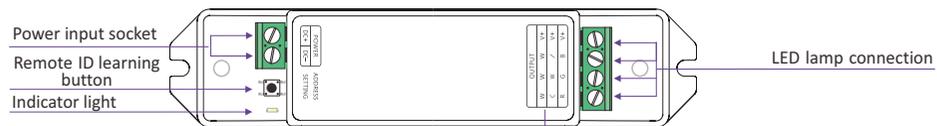
W	W	W	V+	Dimming,	remote M1
C	W	/	V+	Color temperature,	remote M2 M5
R	G	B	V+	RGB control,	remote M3 M6 M7

5. 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 receiver M3-3A, the running light is on, then press any key on the remote control, the running light flashes several times, activated.

Cancel ID: Long press ID learning button on the receiver for 5 seconds.

Attn: one receiver can be matched with max 10 same or different kinds remote. Receiver is no quantity limit when it match up with remote or gateway.

6. Wiring Diagram:

RGB strip
Power Adapter
M3-3A