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LTECH M9 Programmable Color Changing DIY Mini LED Remote Instruction Manual

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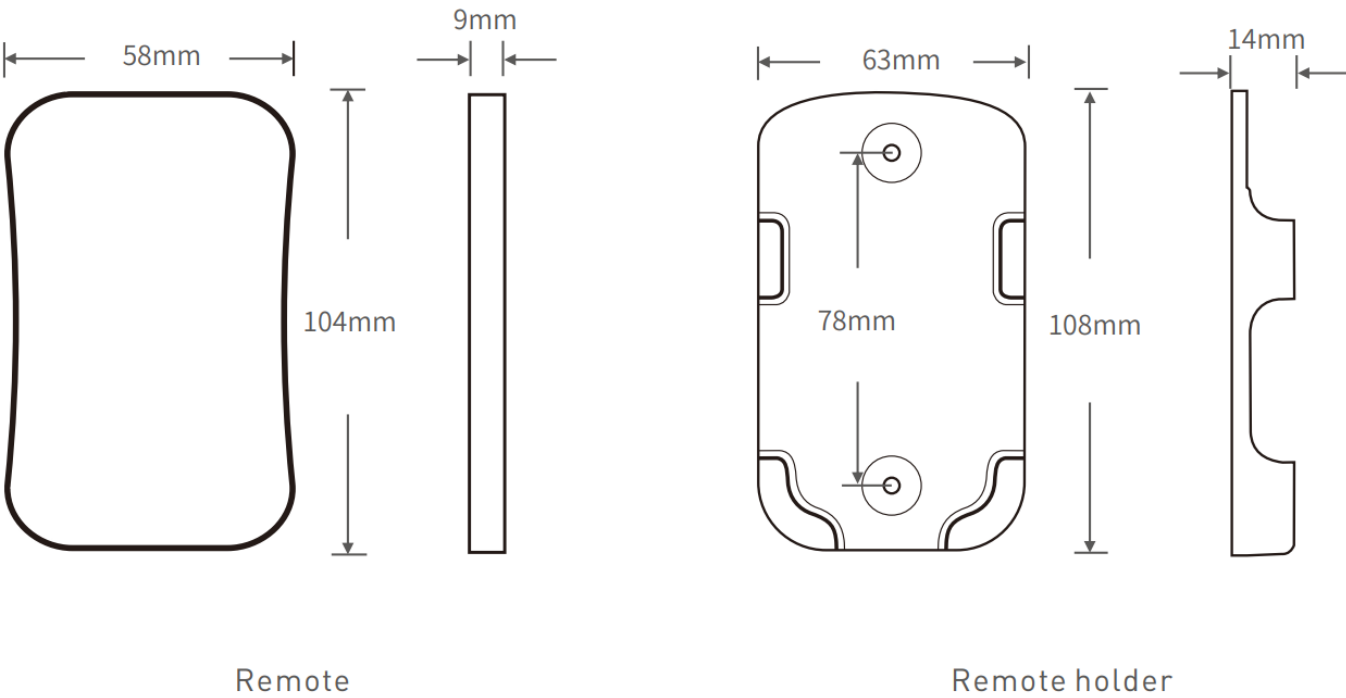
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Important Information

The MINI series LED remote uses RF 2.4GHz wireless transmission technology and the control distance (under no interference) can be up to 30 meters.

Connect to a P5 controller with 5 channel outputs which supports DIM/CT/RGB/RGBW/RGBCW light. One remote can control a large amount of controllers within the effective range to achieve different functions, such as turning lights on/off, adjusting brightness, CT, static RGB color and effects of dynamic modes. Using the remote, you're able to program and modify 9 built-in dynamic modes, turn on/off the power off memory mode, and set the fade time between 1s and 9s for controllers. These features meet user needs for different lighting applications.

Technical parameters

Model	M9
Wireless protocol	White
Working voltage	RF 2.4GHz3Vdc battery (Button CR2032×1)
Standby current	<1uA
Distance of remote	30M (Under no interference)
Working temp.	-30°C~55°C
Weight	40g ± 10g
Dimensions	104×58×9mm (Remote) 108 ×63×14mm (Remote + Holder)

Dimensions

Remote

Remote holder

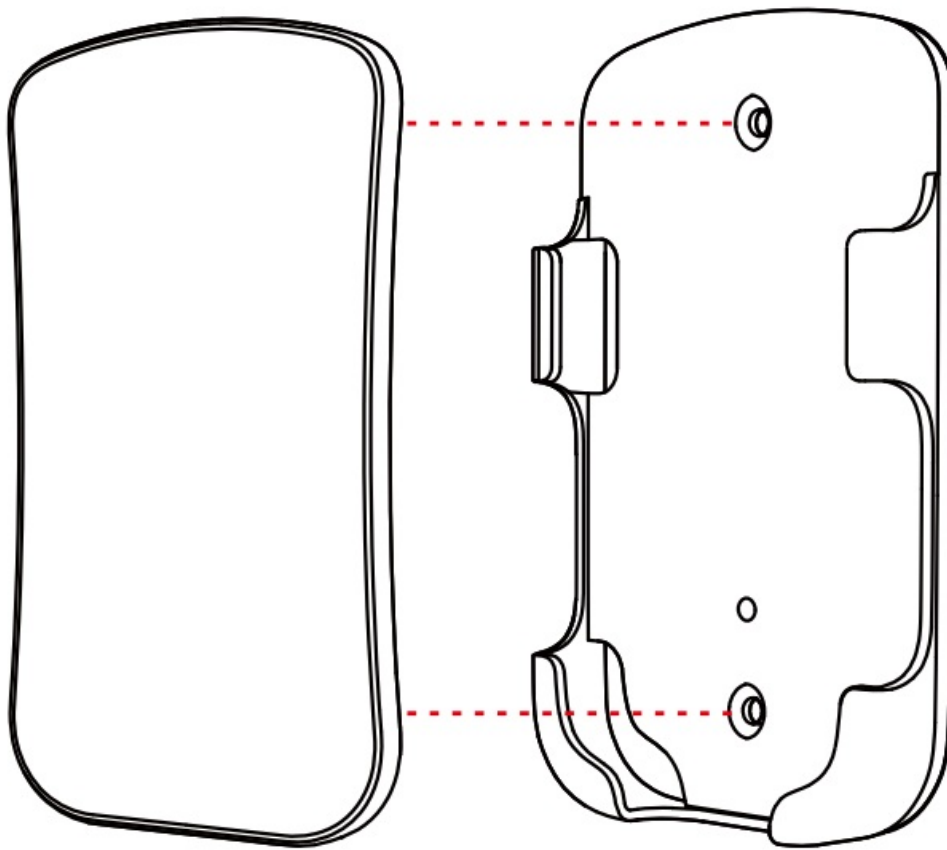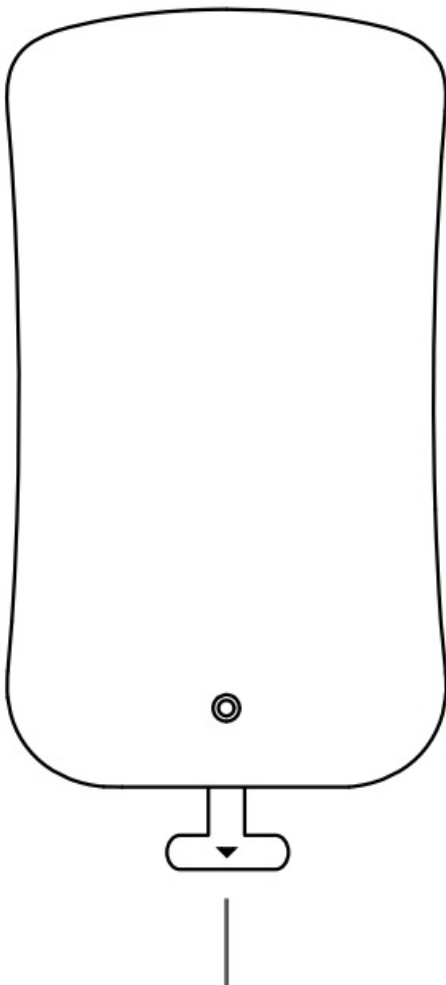## Product installation

Two ways to fix the remote holder

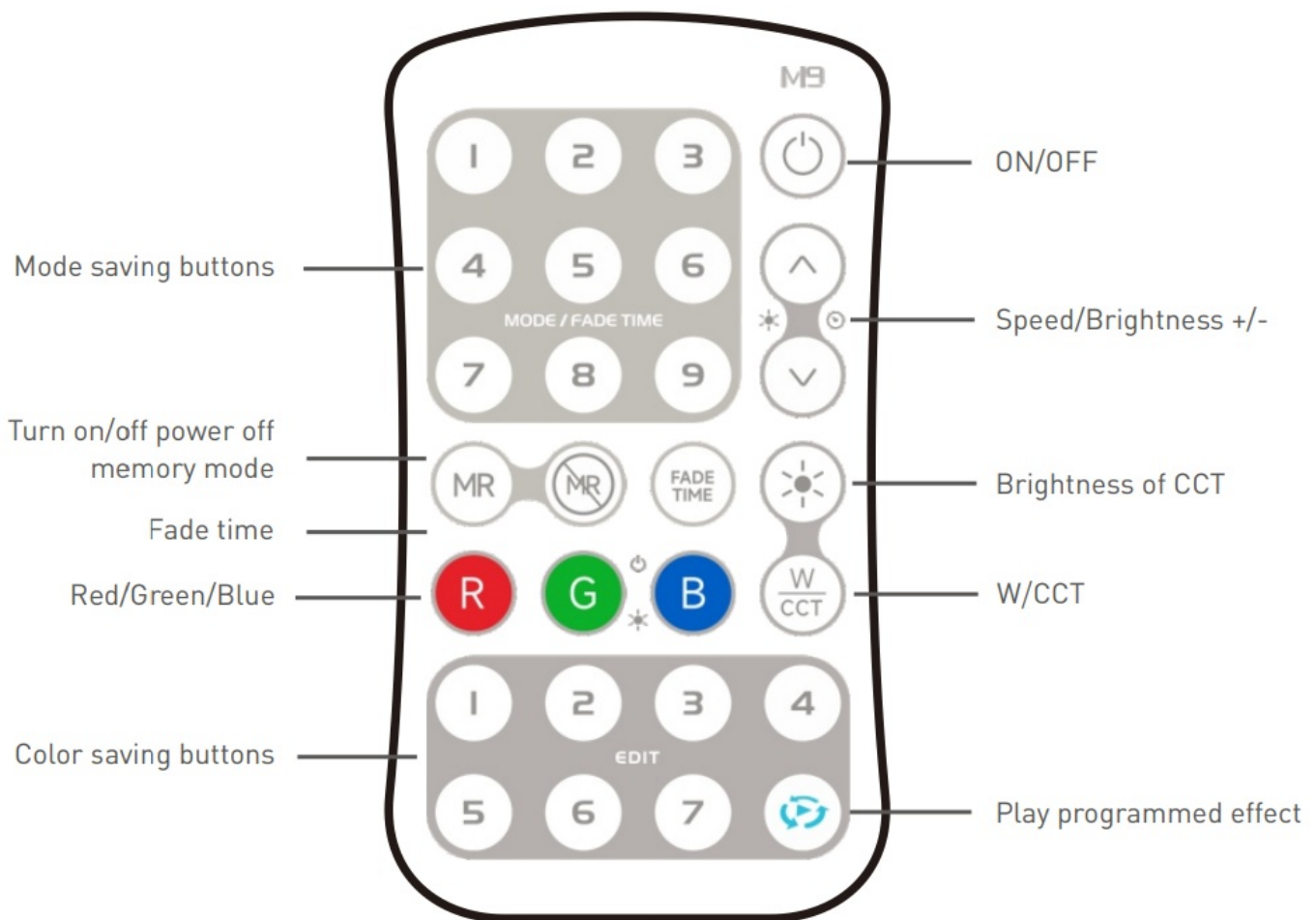1. Fix the remote holder in the wall with two screws.

2. Fix the remote holder in the wall with a 3M adhesive.

Note: Please pull out the battery tab before first use

Dimensions Product installation

ON/OFF: Short press to turn on/off the light.
Red/Green/Blue: Short press to turn on or off the static red/green/blue channel; Long press to adjust the brightness of the current channel.
W/CCT: Short press to turn on/off the W/CCT channel; Long press to adjust the brightness of the W channel or adjust the color temperature of the CCT channel.
Brightness of CCT: Long press to adjust the brightness of the CCT channel .
Color saving buttons: Short press to turn on the saved static color; Long press to save the current static color.
Play programmed effect : Short press to switch between jumping, gradient, and strobing. 3 dynamic effects (used in transitioning to the next saved static color ; Long press to loop playing the 12 dynamic m) odes.
Mode saving buttons: Short press to turn on dynamic mode; Long press to save the current dynamic effect as a dynamic mode.
Speed/Brightness +/-: Short press to adjust the speed of dynamic modes; Long press to adjust the brightness of dynamic modes.
Turn on/off power off memory mode: Short press to turn on/off the memory mode of the current controller.
Fade time: Short press the "FADE TIME "button and the the "Mode saving button"1-9 to set up the fade time between 1s and 9s for controllers.

Reset button functions

Reset static colors:

Short press Red, Green and Blue button to turn off all the static color channels. Long press the color saving button you want to reset, then the current static color will be removed.

Reset dynamic modes:

Long press the color saving button "5" and the "Play programmed effect" button at the same time until the indicator light flashes several times and then goes out, which means all the dynamic modes are reset successfully.
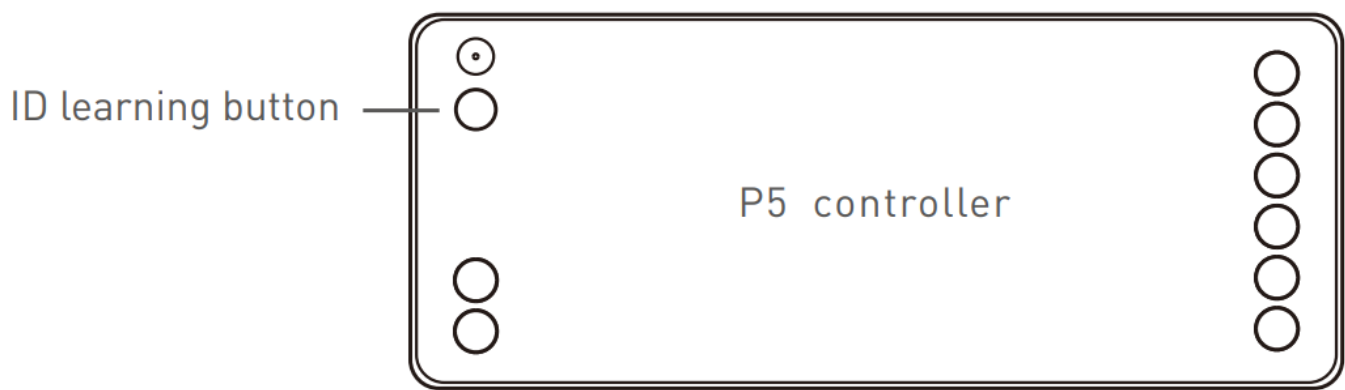
Sync the dynamic modes of the remote to the controller:

Long press the color saving button "1" and "4" until the indicator light flashes several times and then goes out, which means the edited dynamic modes of the remote are synced to the controller.

Note: If you have reset the dynamic modes of the remote , please sync the dynamic modes of the remote to the controller again so as to avoid the inconsistent dynamic modes between the remote and the controller that might lead to abnormal effects.

Pair the controller with the remote

Two methods available for users to pair/unpair the controller.

Method 1: Pair/unpair the controller using the button

Pair the controller:

1. Short press the ID learning button on the controller and the load light flashes;
2. Press any zone button on the remote within 15 s until the load light flashes and then stays on, which means pairing is successfully done.

Unpair the controller:

Press the ID learning button on the controller for 10s. The load light flashes 5 time which means all paired controllers have been removed from the remote.

Method 2 Pair/unpair the controller by powering it on

Pair the controller:

1. Power off the controller;
2. After powering on the controller again, press any zone button on the remote within 3 s until the load light flashes and then stays on ,which means pairing is successfully done.

Unpair the controller:

Power on and off the controller for 10 consecutive times. The load light flashes 5 times which means all paired controllers have been removed from the remote.

Indicator light status

- When the light turns on and you press any button, the remote indicator light will be red.
- If there is no any press on a button, the remote will enter the sleep state in 30s. You need to press any button to exit the sleep state

Note: When you press the button and the LED light doesn't light up, it is because the battery is out of power. Please replace the battery in time.

1. **Transportation**
   Products can be shipped via vehicles, boats and planes.
   During transportation, products should be protected from rain and sun. Please avoid severe shock and vibration during the loading and unloading process.
2. **Storage**
   The storage conditions should comply with the Class I Environmental Standards. The products that have been stored for more than six months are recommended to be re-inspected and can be used only after they have been qualified.

- Please use in a dry indoor environment;
- When installing the battery, please connect the positive and negative terminal correctly. If the remote will not be used for a long period, take the battery out;
- When the remote distance is shorten and or the remote doesn't work frequently, please change the battery in time;
- Please carefully take it and put it down to prevent falls that cause damage;
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

- Warranty periods from the date of delivery: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

Following conditions are not within the guarantee range of free repairing or replacement services:

- Beyond warranty periods;
- Any artificial damage caused by high voltage, overload, or improper operations;
- Products with severe physical damage;

- Damage caused by natural disasters and force majeure;
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

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Documents / Resources

	LTECH M9 Programmable Color Changing DIY Mini LED Remote [pdf] Instruction Manual M9 Programmable Color Changing DIY Mini LED Remote, M9, Programmable Color Changing DIY Mini LED Remote, Color Changing DIY Mini LED Remote, Changing DIY Mini LED Remote , DIY Mini LED Remote, Mini LED Remote

References

- 🌐 **LED Controller | LED Dimmable Driver | LED Intelligent Lighting | Intelligent Home -LTECH**
- **User Manual**