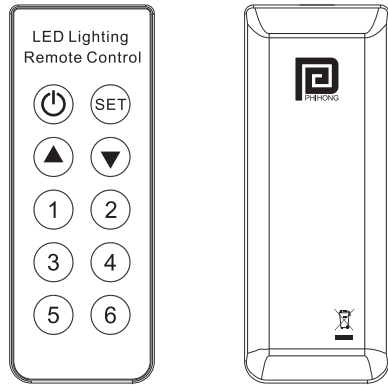


# User's Manual

Phihong LED Lighting Remote Control is a RF remote for LED controls. One remote can easily be used for multiple light fixtures and adjust individually. It provides users effortless upgrade to turn any regular lamp into a wireless controlled lamp.



## RF Module Characteristics

- Six group settings for individual control of different rooms.
- 5 stages of dimming function setting

## Product Specification

Battery Power	DC 3V, Model: CR2025
Operating Temperature	-20 °C ~ + 50 °C
Power consumption	Stand-by leak current: below 10uA
	Operating current: below 30mA
Working Distance	Working distance should be up to 10 meters when remote control transmitter directly face to receiver
RF Operating Frequency	2.4GHz
Number of controllable groups	<b>6 groups</b>
Dimension	(Length)86.2mm*(Width)33mm*(Thickness)6.5mm

## Remote Controls Keys Functions

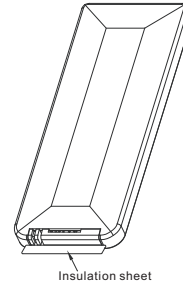
	ON / OFF	Turning all the LED drivers ON or OFF
	Setting	Setting ID number of the LED drivers
	UP	Increasing the brightness of LED (0% ~ up to 100%) <b>Up to 180 steps of dimming</b>
	DOWN	Decreasing the brightness of LED (100% ~ down to 0%)
	Numeric keys	Dimming the LED drivers with the cycle: (0% → 25 % → 50% → 75% → 100%)

## ID Setting

- Preset ID is 1
- Step by step Setting
  - Step1: Power on the LED bulbs/tubes to be set up
  - Step2: Press Set and number key at the same time to complete setting
  - Step3: Setting is complete, press numbers for lighting control.

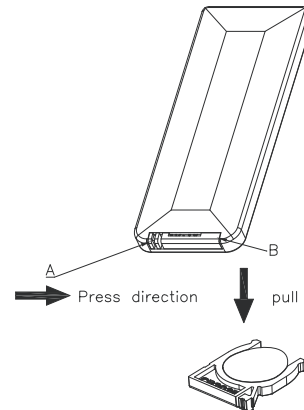
## Initial use and battery change

- Remove isolation sheet by pulling



**Note:** Please remove the insulation sheet before use.

- For child safety, this design has safety lock; press and hold A to pull out button B at the same time.



How to change the battery ?  
Press and hold button A and then pull out button B at the same time.

## Trouble shooting

Symptom	Possible Causes	Solution
Remote is non-responsive	Isolation sheet not removed	Remove isolation sheet
	Batter installed incorrectly	Reinstall battery (reverse)
	Dead battery	Replace battery
	Outside of effective radius	Operate within 10 meters of radius
	Press button contact problem	Please send for repair
	Internal circuit damage	Please send for repair
Remote control insensitive	Group setting incompatible	Reset Tube / Bulb groups
	Operating environment has too many objects block signal (metal closets, concrete wall...)	Ensure bulb / driver antenna are not blocked by metal objects

## Storage Method

- Product should be stored under normal room temperature
- Avoid direct sunlight and water

## Service Location

Phihong Taiwan  
No.568, Fusing 3rd Rd., Gueishan Township Taoyuan  
County 333, Taiwan, R.O.C.  
Tel: 886-3-3277288  
[www.phihong.com.tw](http://www.phihong.com.tw)

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Fremont, CA 94538, USA  
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**WARNINGS:**

Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.