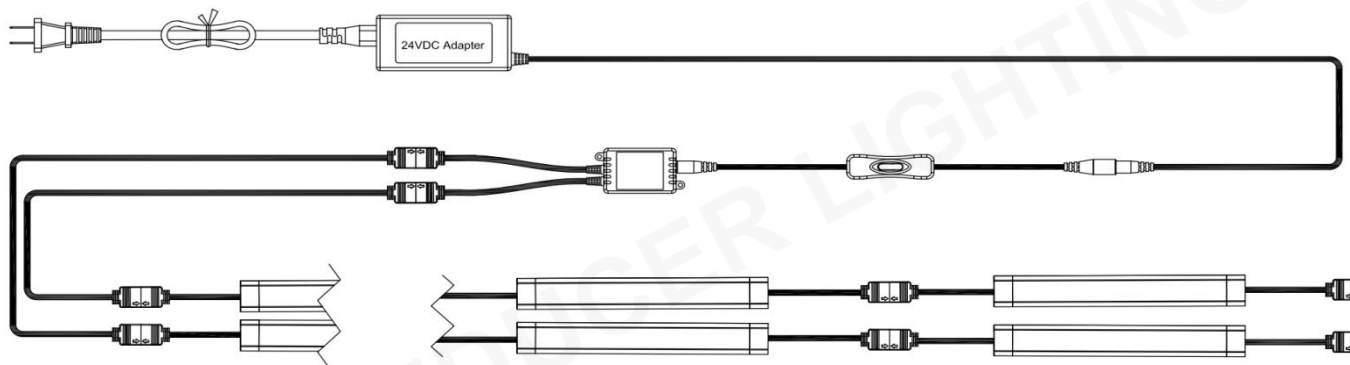


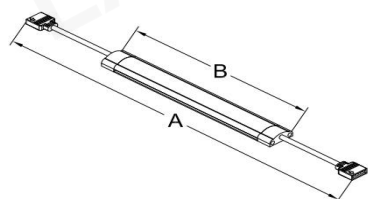
# LABOREDUCER 24V RGBW&RGBWW Under Cabinet Lighting Kit User Manual

## 1、Product profile & packing

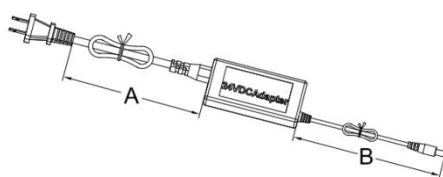
### 1.1 Profile



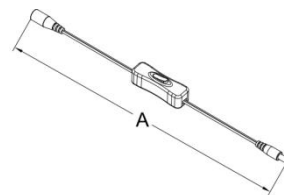
### 1.2 Packing



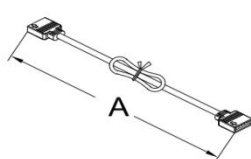
1 LED Bar



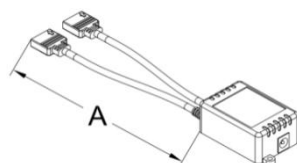
2 Adapter



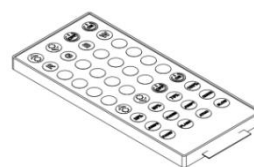
3 Switch



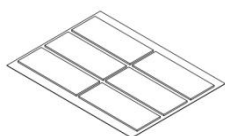
4 Extension Cord



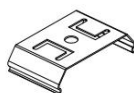
5 LED Controller



6 Remote Control



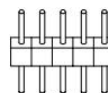
7 Two Sided Sticker



8 Bracket



9 Screw



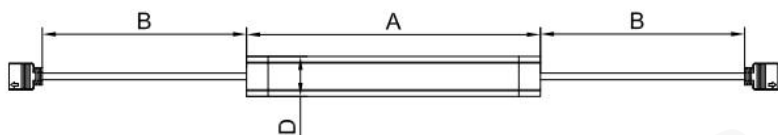
10 Connector

## RGBW & RGBWW

No	Part name	Specification	Bar6	Bar8	Bar12
1	LED Bar	A=55cm/21.7inch B=27.6cm/10.9inch	6	8	12
2	Adapter	A=120cm/47.2inch B=105cm/41.3inch	1 (24V 1A)	1 (24V 1.5A)	1 (24V 1.5A)
3	Switch	A=51cm/20.1inch	1	1	1
4	Extension Cord	A=100cm/39.4inch	4	4	4
5	LED Controller	A=11cm/4.3inch	1	1	1
6	Remote Control	40 buttons	1	1	1
7	Two Sided Stickers	3pcs for each light	18	24	36
8	Bracket	/	18	24	36
9	Screws	PA 3x10mm	12	16	24
10	Connector	5 pin connector	10	12	16

## 2、Specification for the LED bar and adapter

### 2.1 Specification for the LED bar (1)



Size: A=10.9inch B=5.4inch D=1inch

Voltage: 24V DC

Power: 3W

Lumen: 300lm/bar

LED Quantity: 36pcs white Leds + 36pcs rgb leds.

CRI>83

Beam angle:120deg

### 2.1 Specification for the adapter (2)

Input: 100-240V 50/60HZ

Output: 24VDC

### 3、Installation

**CAUTION:** Please read the instruction carefully before beginning installation.

1) To avoid short circuit that damage the units or happen other incidents, please make sure the connectors are fully inserted while connecting the wires.

2) Please install the Adapter (2) in a well-ventilated place to ensure that the ambient temperature is appropriate.

3) Controller could be hide behind the cabinet, remote control distance is about 33ft.

4) If you find some issues after installation, please have a try to fix them according to the inspection instructions (page 4.). If the issues still can't be solved, please contact the seller for support.

**Preparatory work:** Make an overall plan about installation locations, connection way (in series/parallel), etc;

**Two connection ways:**



Picture 1

1) Connect the lights in parallel like picture 1.

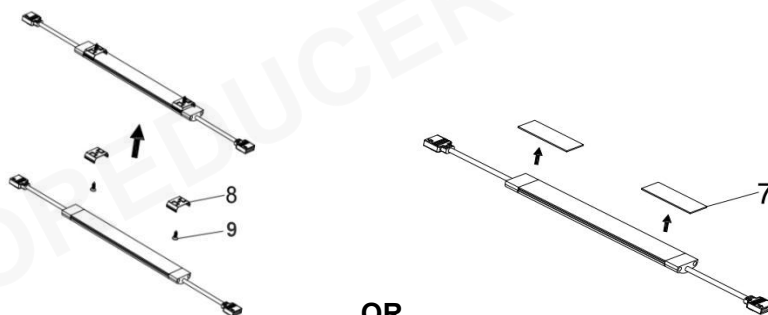
Each side of the lights' quantity doesn't need to be the same.



Picture 2

2) Connect the lights in series like picture 2.

**STEP1:**

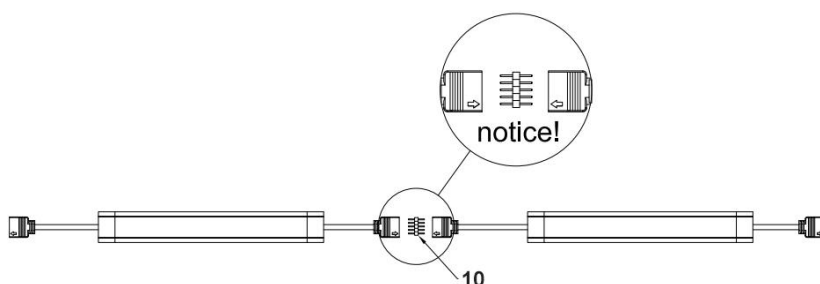


OR

1) Install the lights with Screws (9) and Bracket (8)

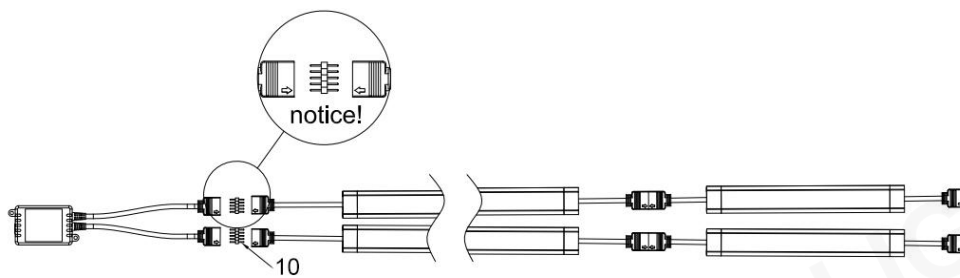
2) Install the lights with Two sided stickers (7)

**STEP2:**

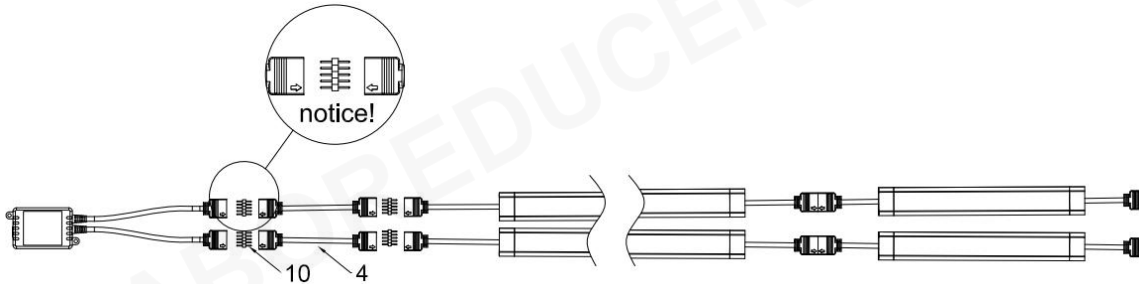


Please connect the lights together with the Connector (10) , make sure it is arrow to arrow.

**STEP3:** Connect the lights to the LED Controller (5) .



You can choose to add a/some Extension cord(s) (4) as per your needs.



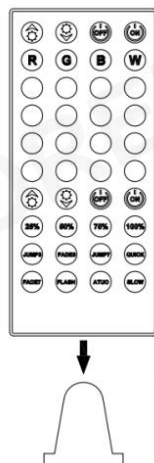
Note: Please make sure it is arrow to arrow like STEP2.

**STEP4:** Connect the LED Controller (5) to the Adapter (2) .

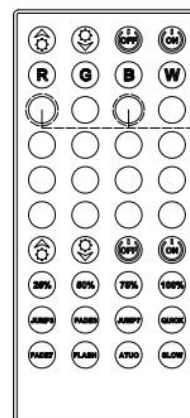
**STEP5:** Plug in the Adapter(2) to your electrical outlet. Or you could cut off the plug, connect the wires to the electrical outlet directly.

**STEP6:** Pair the Remote (6) with the LED Controller (5)

- 1) Pull out the insulation sheet on the remote control.
- 2) Turn on the lights with remote.
- 3) Point at the LED Controller (5) then press the orange button and light blue button(shown as picture 2) for about 3-5 seconds at the same time until lights flicker to finish the pairing.
- 4) Finish the installation, you can control the lights as per your needs and preference.

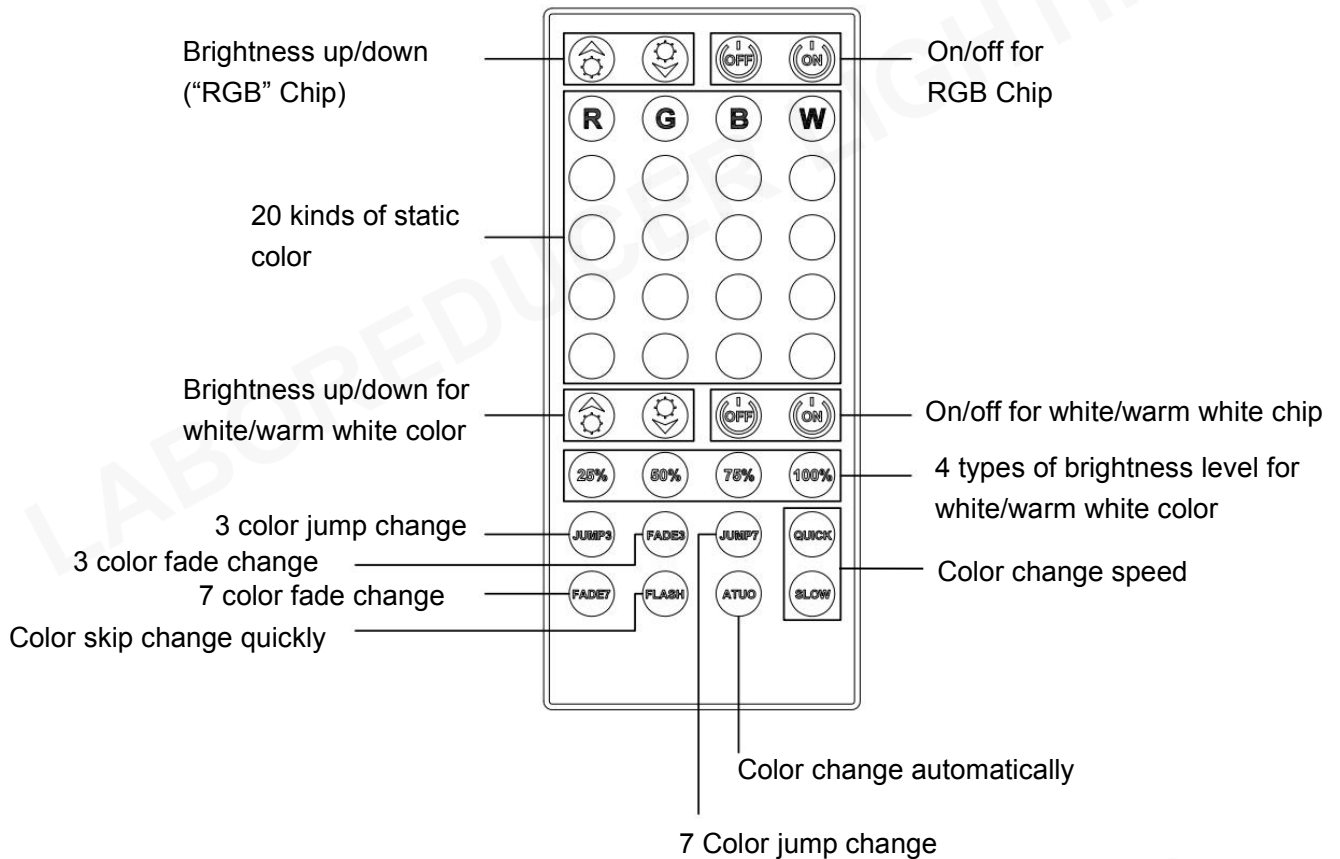


① Pull out the insulation sheet.



② Press these two buttons for about 3-5 seconds at the same time.

## STEP7:Use of remote control



## 4、 Fault analysis

### 1) The remote control and the controller cannot be paired.

\*Check whether the insulation sheet is pulled out. If not, please pull it out and re-pair.

\*Check whether the wires connection is right. If you find some place that is not arrow to arrow, please correct it.

### 2) Part of the light bar does not light up after installation.

\*Check whether the wires' connection is arrow to arrow, if not, please unplug and reconnect.