Wall Control

FEATURES

The **LB-2820US is an RGBW touch controller** that adopts an ultra-sensitive full-touch glass panel with a touch color wheel to offer accurate and fast color tone adjustment. The touch panel controller is designed with a **sleek appearance and a user-friendly interface** for easy operation. Independent dimming function of each **R, G, B, W channel enables the RGB controller to create millions of colors**.

- Touch sensitive.

- Glass interface.

- Compatible with all universal series RF receivers.

- Control RGBW color.

- Control 1 zone/area.

- Receivers can work with the WiFi-RF converter using the "Easylighting" or "Easyhome" app on IOS and Android systems.
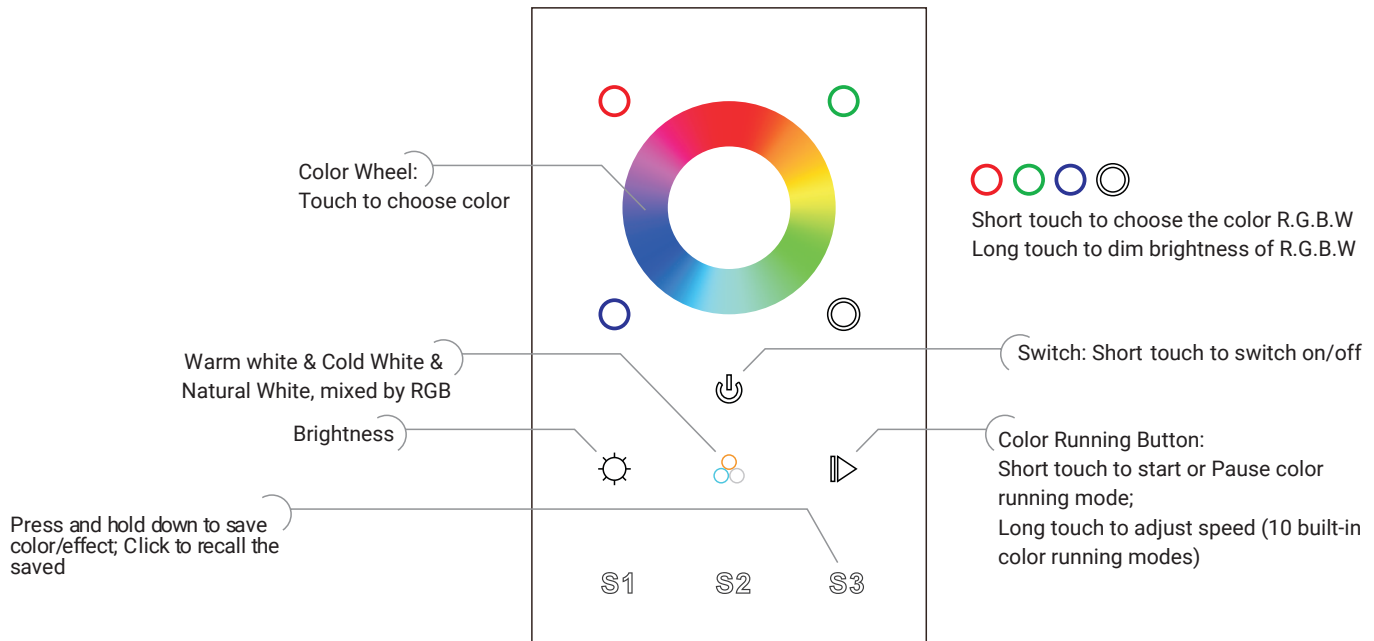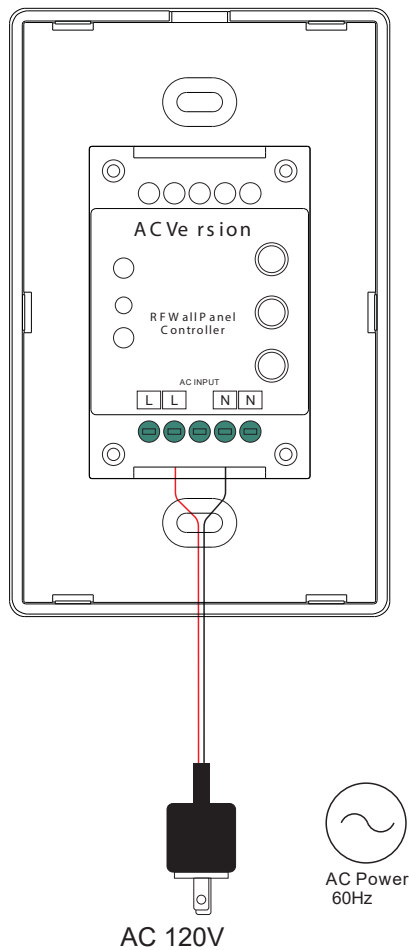
DIMENSIONS

Front View — 4.7" — 2.9"

Back View — 1.7" — 3.2" — 2.5"

Side View — 1."
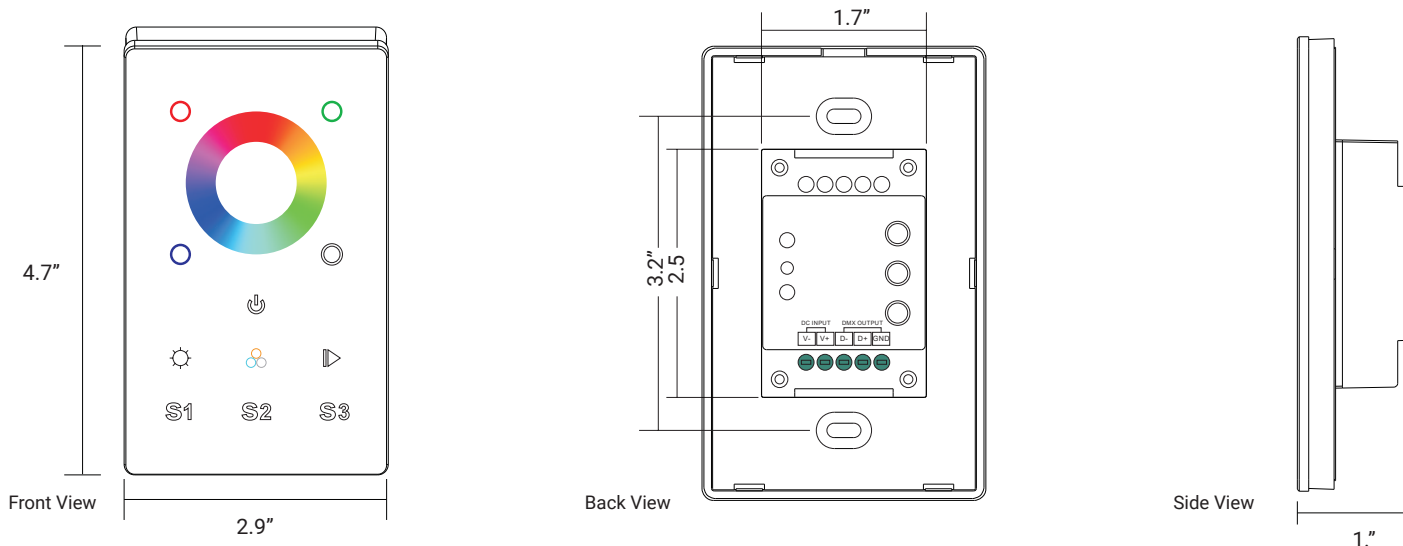
TECHNICAL DETAILS

Output Signal	RF Signal		**Certifications**	FCC / RoHS
Power Supply	120 VAC		**Zones**	1
Power Consumption	< 15 mA		**Indoor**	IP20
Operating Temperature	0-40°C / 32°F-104°F		**Surface**	Glass
Dimensions	2.9"X4.7"X1"		**Channels**	RGBW
Frequency	916.5MHz		**Warranty**	5 Years limited warranty
Color	White/Black			

IP20 RATED   FC   RoHS COMPLIANT

MASTER CONTROL OPERATION.

Color Wheel:
Touch to choose color

Short touch to choose the color R.G.B.W
Long touch to dim brightness of R.G.B.W

Warm white & Cold White &
Natural White, mixed by RGB

Switch: Short touch to switch on/off

Brightness

Press and hold down to save
color/effect; Click to recall the
saved

Color Running Button:
Short touch to start or Pause color
running mode;
Long touch to adjust speed (10 built-in
color running modes)

S1   S2   S3

WIRING DIAGRAM

AC Version

RF Wall Panel
Controller

AC INPUT

L   L   N   N

AC Power
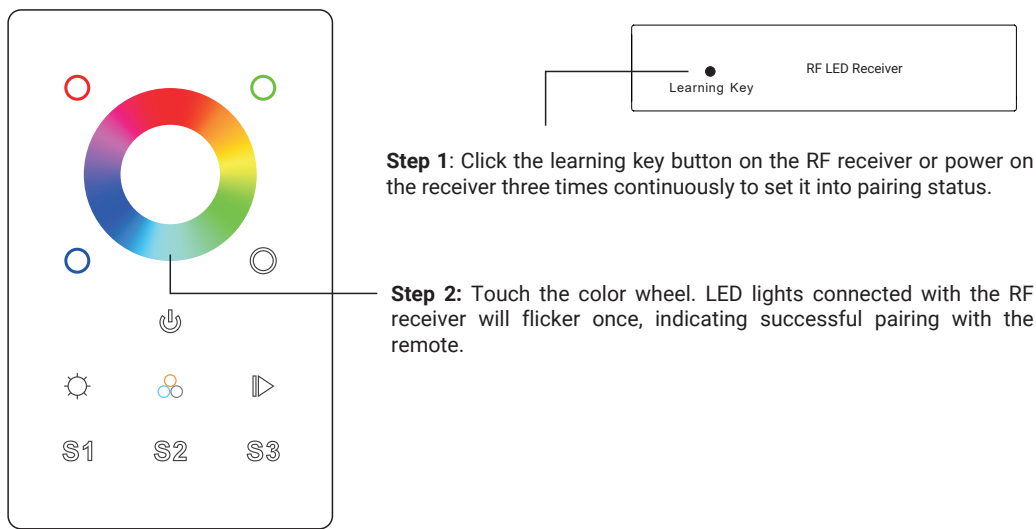60Hz

AC 120V

WIRING DIAGRAM

With RGB/RGBW Color LED

## MASTER CONTROL PAIRING WITH RECEIVER

Pair With RF Receiver

1. Wire the wall panel and RF receiver according to the wiring diagram (please refer to the instructions of the RF receiver that you would like to pair with).

2 .Power on, then touch the button ⏻ to activate the controller; the indicator of the controller will turn blue.

Step 1: Click the learning key button on the RF receiver or power on the receiver three times continuously to set it into pairing status.

Step 2: Touch the color wheel. LED lights connected with the RF receiver will flicker once, indicating successful pairing with the remote.

Built-in 10 color changing modes are as follows:

Mode 1: Any two colors of RGB mix fade-in & fade-out
Mode 2: RGB three colors mix fade-in & fade-out
Mode 3: RGB three colors mix fade-out & fade-in
Mode 4: RGB flash
Mode 5: RGB three colors fade-in & fade-out successively
Mode 6: RGB three colors fade-in successively
Mode 7: RGB three colors fade-out successively
Mode 8: RGB three colors jump changing successively
Mode 9: R&B two colors mix fade (R in B out), then G fade-in, then R&B mix fade (R out B in), then G fade-out
Mode 10: B fade-out, then G&B mix fade (G out B in), then R&G mix fade (R out G in), then R fade-in
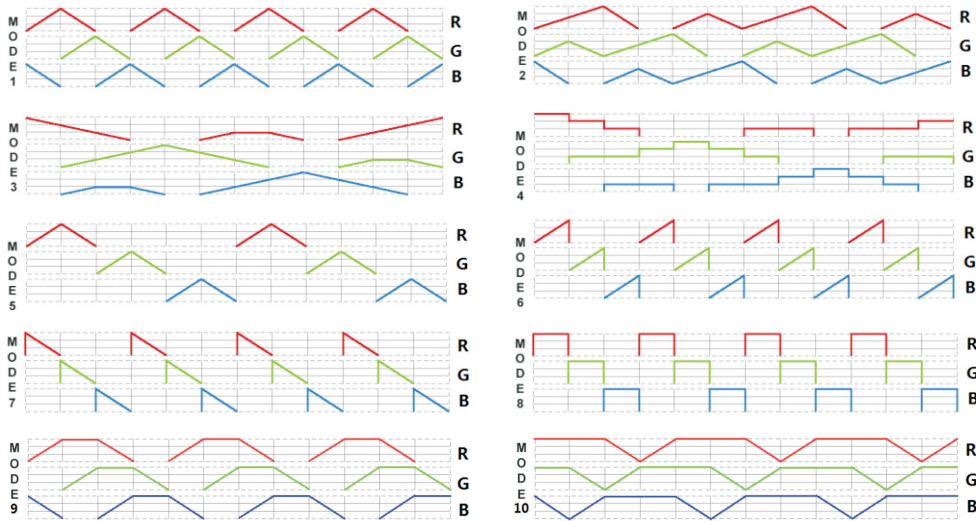
INSTALLATION

❶ Detach the faceplate using a flathead screwdriver.
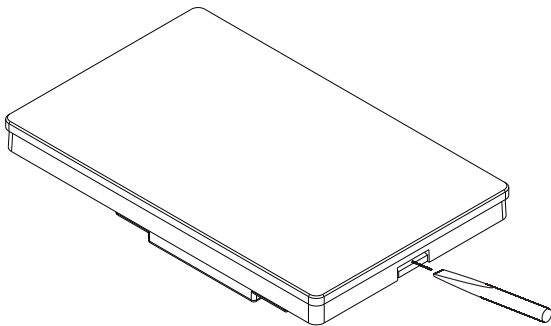
❷ Install on a regular switchbox.