WIRELESS SWITCH PANEL USER MANUAL

Accessories	Quantity	Accessories	Quantity	Accessories	Quantity
	1		1		3
or	1		10		1
	5		2		1
	1		1		24
	1		1		1

Switch Panel Installation:
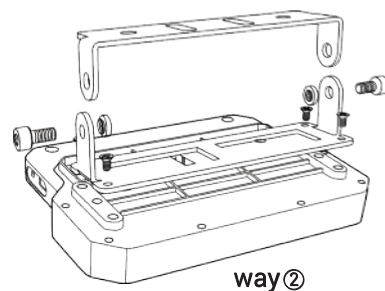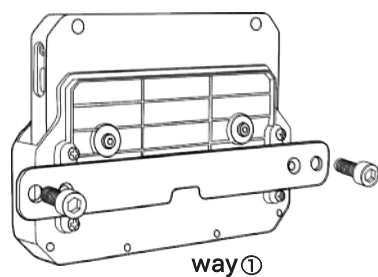
way①   way②

Control Box Installation：

way①   way②
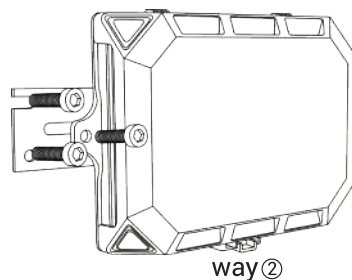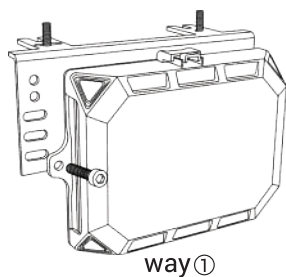
Switch Panel Installation

WAY ① :

❶ Align the bracket with hole position

❷ Tighten the flat head screws

❸ Installation finished

WAY ② :

❶ Align the base plate with hole position

❷ Tighten the base plate screws

❸ Put on the bracket

❹ Tighten the bracket screws

❺ Installation finished

Control Box Installation

WAY ① :

❶ Align the bracket with hole position

❷ Tighten the screws

❸ Installation finished

WAY ② :

❶ Align the bracket with hole position

❷ Tighten the screws

❸ Installation finished

8 Gang Wiring Diagram:

CHARGING INDICATOR
Turns red when it's charging and turns green when it's fully charged.

BATTERY ←→ ACC

The Control Box Switch provides two ways to obtain power: Connect ACC or Battery. It is suggested to obtain power from battery.

BATTERY INDICATORS
3 white lights represents the level of battery left.
1 light is low,
2 lights are medium,
3 lights are full.

UNDER GLOW · BACKUP · HOOD · LIGHT CUBES

LIGHT BAR · AIR · HORN · WINDSHIELD-LIGHT

ACC

Antenna

Threaded connectors

ANTENNA INFORMATION
Adopted LPWAN (Low Power Wide Area Network) technology, control distance up to 492FT .
▲ External antenna, mounted on the right A-pillar of the vehicle.

Wire Length: 118"

8 circuit fuse block:

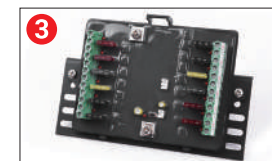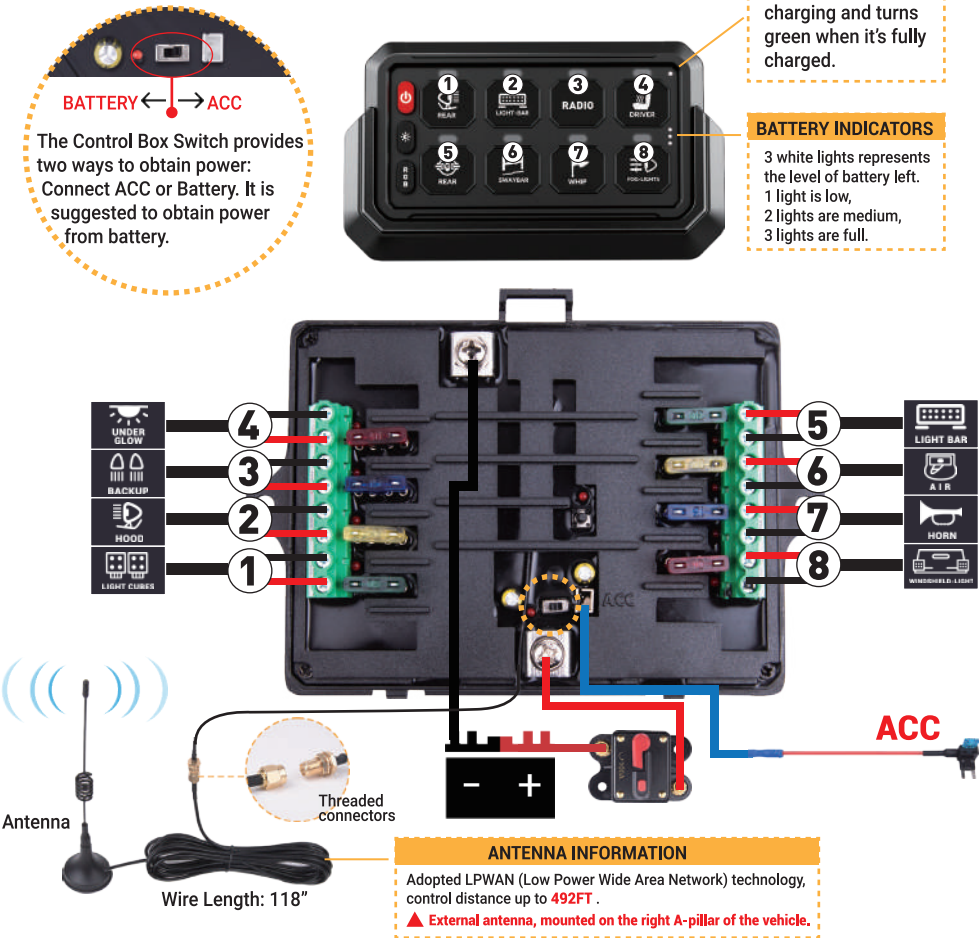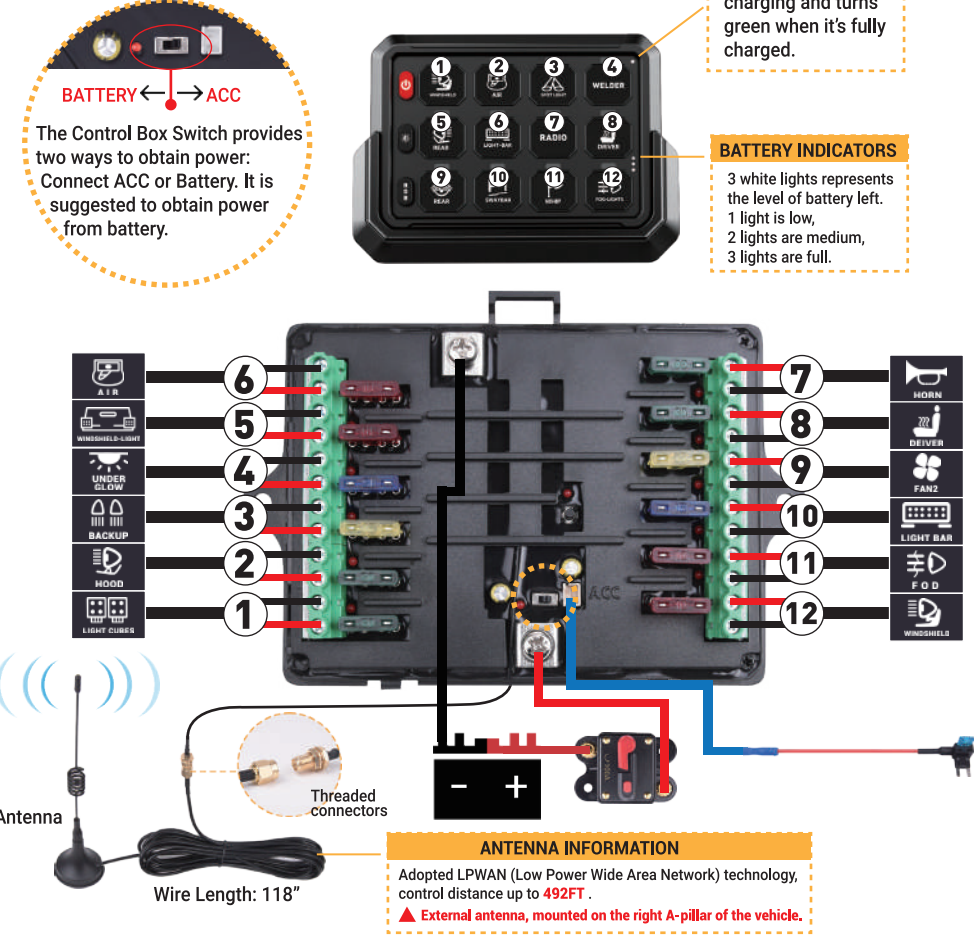| circuit 1	circuit 2	circuit 3	circuit 4
30A	20A	15A	10A
circuit 5	circuit 6	circuit 7	circuit 8
30A	20A	15A	10A

Specifcation:

Voltage : 12V/24V DC

Maximum Current : 60A

Power : 720W at 12V/1440W at 24V

Operating Temperature : - 40°C to 85°C

12 Gang Wiring Diagram:

CHARGING INDICATOR
Turns red when it's charging and turns green when it's fully charged.

BATTERY ←→ ACC

The Control Box Switch provides two ways to obtain power: Connect ACC or Battery. It is suggested to obtain power from battery.

BATTERY INDICATORS
3 white lights represents the level of battery left.
1 light is low,
2 lights are medium,
3 lights are full.

AIR · WINDSHIELD-LIGHT · UNDER GLOW · BACKUP · HOOD · LIGHT CUBES

ACC

HORN · DEIVER · FAN2 · LIGHT BAR · FOD · WINDSHIELD

Antenna

Threaded connectors

ANTENNA INFORMATION
Adopted LPWAN (Low Power Wide Area Network) technology, control distance up to 492FT .
▲ External antenna, mounted on the right A-pillar of the vehicle.

Wire Length: 118"

12 circuit fuse block:

circuit 1	circuit 2	circuit 3	circuit 4
30A	30A	20A	15A
circuit 5	circuit 6	circuit 7	circuit 8
10A	10A	30A	30A
circuit 9	circuit 10	circuit 11	circuit 12
20A	15A	10A	10A

Specifcation:

Voltage : 12V/24V DC

Maximum Current : 80A

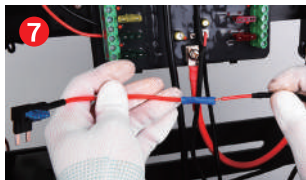Power : 960W at 12V/1920W at 24V

Operating Temperature : - 40°C to 85°C

Wiring Method:

1 **2** **3**

Connect circuit breaker to positive terminal of battery

4

Connect negative terminal of battery to negative terminal of control box

5 **6** **7**



8

Connect ACC to control box

9 **10**

Connect light to control box, and negative wires can be connected to the common cathode

HOW TO PAIR SWITCH PANEL WITH CONTROL BOX?

Note: Our factory settings have already paired them for you.
In normal circumstances, you don't need to pair them again.
However, if there are special circumstances where you need to re-pair, follow these steps.

STEP 1
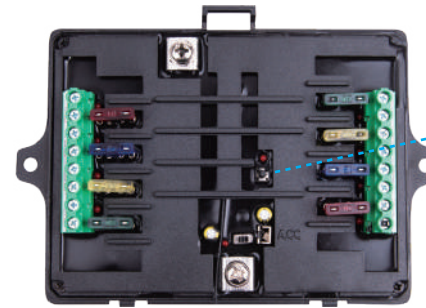
Power on the Control Box, press and hold the pairing button.
At this point, the Control Box's indicator light will flash red, indicating it's in pairing mode.

STEP 2
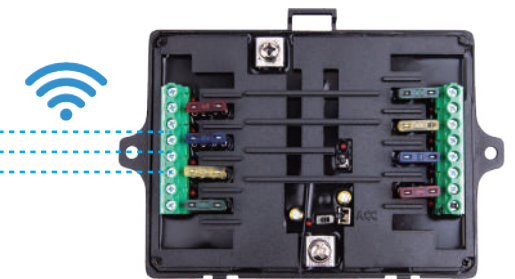
Press and hold the RGB button on the Switch Panel. The Switch Panel's backlight will turn red, and simultaneously, the Control Box's indicator light will stay red, indicating a successful pairing.

CONTROL MODE SETTING

1. CONSTANT LIGHT:

DEFAULT CONSTANT LIGHT, YOU DO NOT NEED TO SET IT

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2. MOMENTARY MODE:

1 Long press the brightness adjustment button for 1 second.
When the red backlight flashes, it enters the Momentary setting state

2 Press the button you want to set (you can choose between 8 or 12 buttons for Momentary Mode), then press the ON/OFF button to confirm, now the setting is successful

3 Press the ON/OFF button again to exit the setting mode

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3. STROBE MODE:

1 Long press the brightness adjustment button for 1 second, and the red backlight flashes
(note: this is the Momentary setting state, please refer to its specific steps)

2 Then short press the brightness adjustment button.
When the blue backlight flashes, it enters the Strobe setting state

3 Press the button you want to set (you can choose between 8 or 12 buttons for Strobe Mode), then press the ON/OFF button to confirm, now the setting is successful

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Button Introduction:

ON/OFF
Switch with memory function,
remember last setting automatically

1.Short Press - 5-level brightness adjustment(100%, 75%, 50%, 25%, 10%),
Each time you press it, you switch the brightness to a different level

2.Long Press - Enter the setting mode, and choose between momentary mode and strobe mode,
Long Press again to exit the setting mode

1.Short Press - Switch single color (loop from 1-8 in order)
    1.red   2.orange   3.yellow   4.green
    5. cyan   6. blue   7. purple   8. white

2.Long Press - Switch between Gradient/ Jump/ Breathing(loop from 9-11 in order)
    9.Gradient: red-orange-yellow-green-cyan-blue-purple
    10.Jump: red-orange-yellow-green-cyan-blue-purple
    11.Breathing: red-orange-yellow-green-cyan-blue-purple

FREQUENTLY ASKED QUESTIONS

Q1: What is the maximum running current?

A1: The 8 Gang Switch Panel is rated for 60A, and the 12 Gang Switch Panel is rated for 80A.

Q2: Can I connect negative wire to the common cathode?

A2: Yes.

Q3: How do I know if the wiring is correct?

A3: If the power indicator is red on, means the connection is correct.

Q4: What is the function of the control box switch?

A4: The Control Box Switch provides two ways to obtain power:
Connect ACC or Battery. It is suggested to obtain power from battery.
Way1: Sliding switch to the side of the power indicator,
means obtain power from battery.
Way2: Sliding switch to the side of the 2-PIN terminal,
means obtain power from ACC.

Q5: What type of Add-a-Circuit Fuse Tap?

A5: Small fuse tap.

Q6: The Control Box has a black wire antenna. Can it be disconnected?

A6: It cannot be disconnected. It's recommended to let the antenna extend outside the box for better communication range.

Q7: The Switch Panel won't charge?

A7: Some phone chargers that use a Type-C to Type-C cable may

not be able to charge the panel due to an internal recognition

chip. Please try using a different charging cable.

Q8: The Control Box isn't responding?

A7: Step 1. Check the product to ensure it's properly powered.

Step 2. Try re-pairing (refer to the pairing instructions).

If you still can't control it, record a video and contact our

customer support. We will quickly assist based on the

video's situation.

Q9: The Control Box is connected to the car battery, and the power

indicator light stays on. Will it drain the car battery?

A9: No, it won't. This product has a standby current less than a 3mA

60AH battery. The battery can support the switch panel under

standby status for 833 days without charging.

FCC Caution.
(1) § 15.19 Labelling requirements.
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.
§ 15.21 Changes or modification warning
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
§ 15.105 Information to the user.
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.

RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable
exposure condition without restriction.
According to § 15.247(e)(i) and § 1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.
According to KDB 447498 (2)(a)(i)