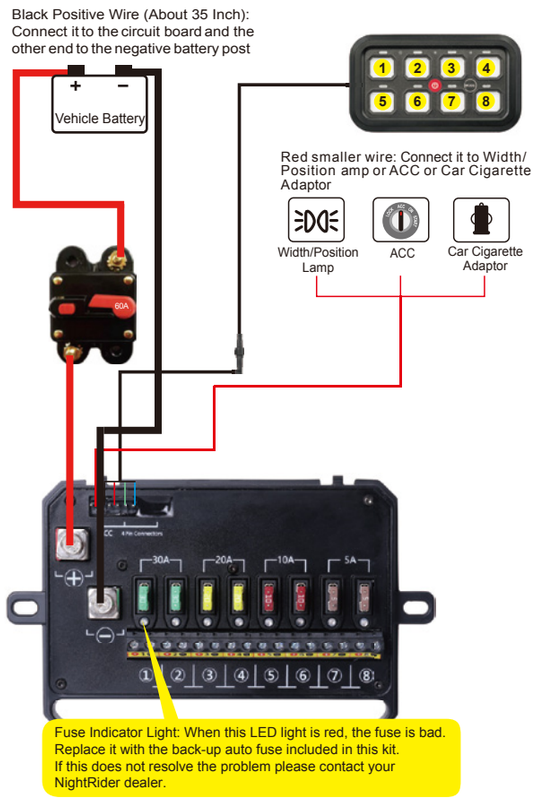
Wire Connections

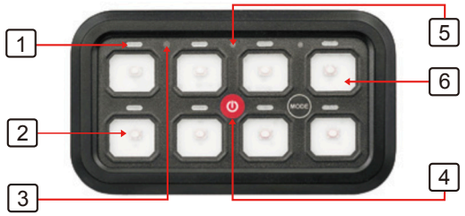


433 RF Remote Control Setting

Press the red ON/OFF button and any other button on the switch panel at the same time. The indicator light of the ON/OFF button will turn red.

Then press the ON/OFF button on the 433 RF controller. When all the indicator lights on the control pad of the remote flash 3 times in green, the pairing with the switch panel was successful.

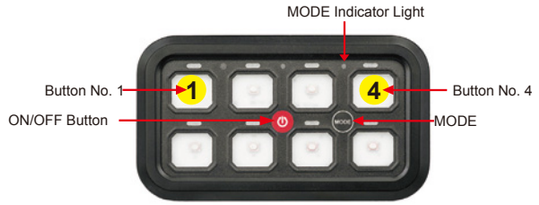
Switch Panel Indication



1 - Indicator lights up to show the circuit is powered on.
2 - Area for DIY placement of the selected label.
3 - Position of the integrated sensor circuit.
4 - Master ON/OFF button, press it to power on or off all circuits.
5 - Indicator lights up when you press the Master ON/OFF button.
6 - RGB backlighting is on when the switch panel is powered on. By default, it is green but can be changed to any RGB colour.

Backlight Color & Brightness

By default, the backlight colour is green, its brightness will adjust automatically depending on the brightness level of the surrounding environment. The darker the surrounding, the dimmer the backlighting; the brighter the surrounding, the brighter the backlighting.



To change the backlight colour, please do the following:

Press MODE and any other key in the same time. The indicator light of the MODE button will turn red. Press and hold the 1 and 4 buttons until backlighting turns to the colour you want, then click MODE and your setting will be saved. (If the setting is not saved within 20 seconds, all changes will be ignored).

Holding the 1 and 4 buttons will make the colour change faster.

Press and hold it for 10 seconds to restore to factory settings: green back-lighting, on/off toggle mode switches.

Switch Panel Advanced Option

Accessory circuits 1 to 8 of the switch panel can be operated in Toggle, Momentary or Pulsed Mode. Factory setting is Toggle mode for all switches. To change the mode of any of the switches, please do the following:

Double click the MODE button. All indicator lights will start to blink. Choose and click the button until its indicator shows the mode you want: Toggle (red indicator), Momentary (blue indicator), Pulse (green indicator) Click the MODE button again to save your setting. (If the setting is not saved within 12 seconds, all changes will be ignored).

This switch panel control system has eight circuits, each has its maximum current rating. The total operating amperage of the connected accessories cannot exceed 60 amps (600 watts). You can have multiple electrical devices or auxiliary LED lights connected totalling more than 60 amps, but you cannot have them turned on all at the same time. Otherwise, the control box will be damaged. The switch panel comes configured with the following fuses:

Circuit 1	Circuit 2	Circuit 3	Circuit 4
30A	30A	20A	20A
Circuit 5	Circuit 6	Circuit 7	Circuit 8
10A	10A	5A	5A

Control your lights with your Smartphone

Your new Switch Panel has bluetooth capabilities. Scan the QR code below or go to the App Store to download the App 'Switch Panel'. Controlling your switch panel via your mobile phone offers more functions.

switch panel

For Apple Devices

For Android Devices

Please note: NightRider™LEDS takes no responsibility for incorrect installation and/or related damages.

www.nightriderleds.com

NightRider™ LEDS

RGB Programmable 8 Gang Switch Panel

- Bluetooth Capabilities - Control by Smartphone
- RGB Color Backlighting
- Toggle / Momentary / Pulsed modes
- Universal application
- Remote control (optional)

Prior to installation, connect the switch panel system to a 12V DC powersource and test for full functionality.

What's Included

A Circuit Control Box **B Switch Panel** **C Remote Control**

D Power Harness, Connections, Antenna

E 3 x Mounting Brackets **F 50 x Labels (Decals)**

Product Features

- Universal mounting brackets
- Controls up to 8 LED lights or other electronic devices
- 6 Control box back-up fuses
- RGB Color changeable LED backlight
- Dimmable backlighting capabilities
- Red / Green / Blue LED indicator lights
- 50 Switch labels (includes 5 blank ones to design one's own)
- Input Voltage: 12V - 24V DC
- Max. Output Power: 600 Watts@12V, 1200 Watts@24V
- Max. Input Current: 60 Amps
- Switch Panel Modes: Toggle, Momentary, Pulsed
- Integrated LVCO (Low-Voltage Cut-Off)
- Includes wiring harness and hardware

Control Box Installation

There are TWO different mounting options provided to mount the control box, including:

1 x Fix mount with bracket
1 x Flush mount

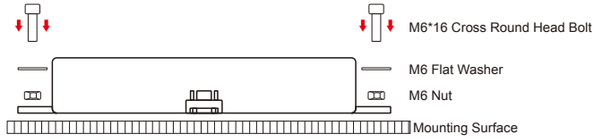
Ideally the control box should be mounted in a place with unobstructed access to power wires, accessory wires and control harnesses which are meant to be hooked up into the control box.
If you decide to drill holes for the installation, please check the clearance behind the drilling location. Make sure you are not going to drill through and damage any wiring harness or other components of the vehicle.

Option 1: Fix Mount

Using the mounting bracket as a guide, find a good and desired location to mount the control box.

Option 2: Flush Mount

Using the control box as a guide, find a good and desired location to mount.



Switch Panel Mounting

There are two different mounting options provided with this kit: an adjustable mounting bracket and a fix mount bracket. If the user is looking for a flexible and adjustable angle of the switch panel, check and follow steps as below.

Option 1: Adjustable Mounting Bracket

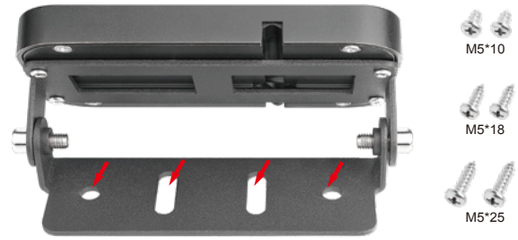
- The ideal thickness of the mounting surface should be between 1/8" to 1/4".
- Check to make sure the control wire and extension plug & play wire is long enough to connect to the desired location.
- Check the clearance behind the drilling location. Make sure you are not going to drill through and damage any wires or other components of the vehicle.
- Once you decide on a mounting location, use the bracket to mark the drill location.
- After the installation of the panel, proceed to the wiring installation.

1. Screw in the Cross Round Head Screws as shown.

4PCS M3*6 Cross Round Head Screws

2. In order to get the desired mounting angle, use the Allen Key to loosen or fasten the bolts.

3 The screws listed below can be used to tighten up the bracket. Choose your screw size based on the combined thickness of the bracket and the mounting surface. Keep the rest of the screws for back-up purposes.



Option 2: Flush Mount

- Use the slim line flush mount bracket if you desire a fix mount onto the surface area in your vehicle.
- Use the slim line flush mount bracket to mark the mounting location for the drill holes and then drill the holes.
- Fix and mount the switch panel and the bracket, then proceed to the wiring installation.

1. Both the M3*8 Cross Round Head Bolt and the M3*6 Cross Flat Head Bolt can be used to fix the bracket and the switch panel. Keep the remaining bolts for back-up purposes.

2. Fix the switch panel onto the mounting surface using the M5*10, the M5*18, or the M5*25 Cross Round Head Self-Tapping Screws depending on the thickness of the mounting position. Keep the remaining self-tapping screws for back-up purposes.