

LEDSON

Relay box with remote control

Turn on & off 8 lights with a controller



Programmable control panel, 8 individual outputs, electronic relays, app support via bluetooth

Scan the QR code to download the app:



IOS



ANDROID

Installation Guide

1. The Maximum Total Output Current of this device is 60A.
2. The Maximum Current Per Output at 12V:
 - Output Fuses 1 & 5 are 30A
 - Output Fuses 2 & 6 are 20A
 - Output Fuses 3 & 7 are 10A
 - Output Fuses 4 & 8 are 5A
 - If the Output has gone over overcurrent, a RED LED will indicate beside the fuse that has blown.
3. The Maximum Single Output should be no more than 300W (25A @ 12V)
4. Make sure all the output loads are connected BEFORE connecting the power.
5. The positive power is supplied through the heavy RED & BLACK cables & the 60A fuse-holder.
 - The supply side of the 60A-fuse connects to the positive side of the battery.
6. The small RED input wire attached to the device connects to an ACCESSORY circuit in the vehicle. This configuration allows the outputs and the keypad to be DISABLED when the Key ACCESSORY is OFF. For Anytime Operation, connect the same small RED wire to the positive stud on the device. **IMPORTANT: If connecting for Anytime Operation, it is recommended this be connected to AUX Batteries and to use an ON/OFF Isolation Switch with your 8 way Switch Panel to turn OFF your keypad panel when not in use. Failure to install an isolation switch may result in the switch panel draining your battery.**
 - There is a secondary wire supplied in the kit that it is used only when installing and tapping a factory OEM fuse box (USA Customers Only).
7. The small YELLOW input wire attached to the device connects to the HIGH BEAM circuit in the vehicle. This configuration allows the outputs One (1) and Five (5) to only operate when HIGH BEAM is ON
8. Programming the 8 way Switch keypad backlight colours
 - The backlighting of the 8way switch panel can be programmed to any colour on the spectrum wheel as provided.
 - To initiate the backlighting colour options, press and hold the ON/OFF button in the centre of the keypad (the Red LED indicator will turn on) then press any other button to activate the mode. Now release both buttons. The Red LED indicator will now stay on.
 - To change the backlight colour, Press and hold button Four (4) to scroll through the colour spectrum till you decide on the desired colour. Once you have reached your desired colour, immediately release button Four (4) and your colour is now selected. To reverse the colour selection cycle, you can press and hold button One (1).
 - To set the colour you have selected, press the Red ON/OFF button and the Red LED indicator will turn off. Your backlight colour is now set.
9. Programming the 8 way Switch keypad panel functions
 - Each button on the 8way switch panel can be programmed for optional Toggle (1), Momentary (2) or Pulsed (3) switch functionality.
 - To change the switch function mode, double press the ON/OFF button in the centre of the keypad so that the LED indicators are all flashing at the same time.
 - The LED indicators above each button are as follows:
 - Red = Toggle (1)
 - Blue = Momentary (2)
 - Green = Pulsed (3)
 - While the LED indicators are flashing, press each button in a scroll pattern to select the required switch functionality. You can see which mode is selected by the colour of the LED shown as above.
 - Once you have selected the button switch function, press the Red ON/OFF button to set that mode and then repeat the process for each button.

Smart 8 switch panel

10. Using the App to program the Smart 8 Switch Panel:

- Scan the QR code to download the App to suit either iOS or Android.



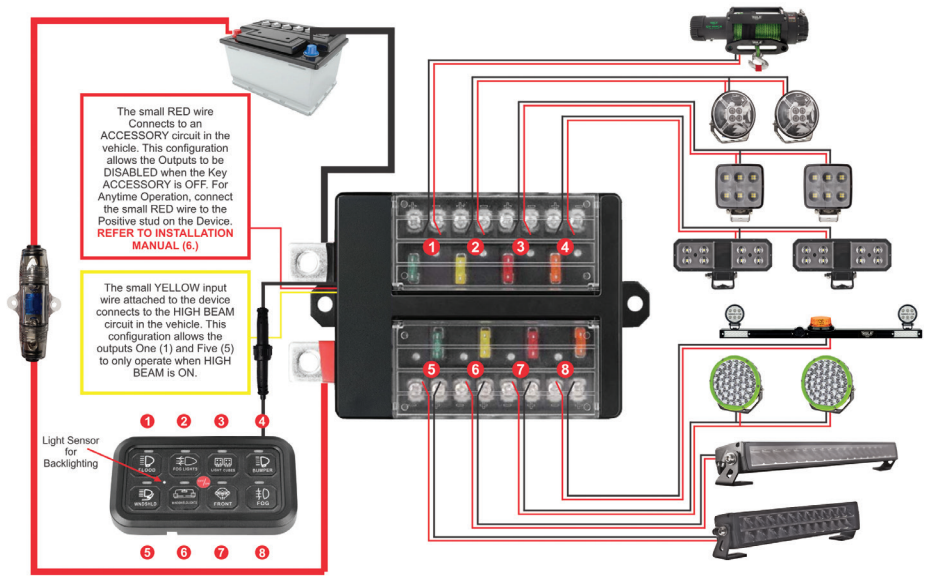
IOS APP



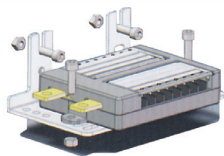
ANDROID APP

- Open the app and connect to your device (only one phone can connect to any device at the one time).
- 10.1.** Click on the Colour button at the bottom of your screen. In this screen you will be able to adjust the brightness of the keypad panel, change the colour of the backlighting on the keypad panel and control the buttons of your keypad panel remotely.
- a. To adjust the brightness of the keypad panel, simply use the slide bar in the centre of your screen, moving the controller left or right.
 - b. To adjust the backlight colour of the keypad panel, simply slide your thumb around the colour wheel and release when you find your desired colour. You can also select from one of the six pre-set colours.
 - c. You can use the keypad on your screen to operate the keypad panel remotely (see further notes for programming the keypad remotely).
- 10.2.** Click on the Icon button at the bottom of your screen. In this screen you will be able to select your decal for each button with either a pre-selected list of icons or you own personal photos. You will also be able to set the icon name to you keypad buttons.
- a. Select a button on the keypad and click the photo button to set a picture as the decal. You can select either the photo album option (to choose a picture from the phone gallery) or the Taking pictures option (to take a picture using your phone). Once selected, click on the choose button on the bottom right corner of the screen and then apply, to set your keypad.
 - b. Select a button on the keypad and click the default icon button to select from the library of icons. Once selected, click on the select button on the top right corner of the screen to set to your keypad.
 - c. Select a button on the keypad and click the set icon name button to enter the icon name and then click save button to set the icon name for your keypad.
- 10.3.** Click on the Mode button at the bottom of your screen. In this screen you will be able to set each button to the desired function of Toggle (ON/OFF), Momentary (Press & Hold) or Toggle (Pulsed)
- a. Select a button on the keypad and select the function option (Toggle, Momentary or Pulsed) to change the function of the button on the keypad.
- 10.4.** Click on the Group button at the bottom of your screen. In this screen you will be able to set multiple buttons as a Grouped Function i.e. three buttons will operate with a single press of one button.
- a. Click the Edit Group button on the top right corner of the screen.
 - b. Now select the buttons on the keypad that you want to make a group.
 - c. Click save button on the top right corner to enter the name for the group and save the group.
 - d. After a group of multiple buttons is created, pressing any button on the group will turn ON all the other buttons on the same group at the same time.

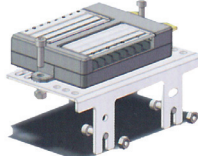
Switch assembly diagram



Mounting versions



Switch assembly version 1



Switch assembly version 2



Keypad version 1



Keypad version 2

Accessories list



70 Decals



Switch assembly (IP51 rated)



Keypad (IP51 rated)



Loom



Power & earth cable



Cable ties



Mounting hardware



Fuses



Mounting brackets



Accessories wire