

XPLOR

LIGHTING

INSTALLATION INSTRUCTIONS

PART NO.



PRODUCT DESCRIPTION:

Blackout Series
Blackout Series Combo
Bright Series
Flash Series

PRODUCT SAFETY & LEGAL DISCLAIMER

- **IMPORTANT READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY.**
- **Review the product package and contents prior to beginning the installation.** Take care when opening the packaging and removing items. If a return is needed you will want to return the product in its original packaging if possible.
- This instruction guide is provided as a GENERAL installation guide, some vehicles vary dimensionally and may require additional steps.
- Test fit the product on the vehicle prior to any third party modifications and or finishing. The manufacturer and/or distributors do not accept responsibility for third party charges, labor and or third part replacement modifications. Some modifications may void the factory warranty.
- Exercise due-diligence when installing this product. The manufacturer and distributors of this product do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product. Careless installation and operation can result in serious injury or equipment damage.
- This product is for general off-road use. All liability for installation and use rests with the owner/operator.
- **INSTALLER:** Once installation is complete, please return this guide along with other documentation included in this product back to the consumer for future reference. The manufacturer/distributors of this product do not guarantee this particular version will be available at a later date.

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www.gorhino.com

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XPLOR

LIGHTING

INSTALLATION INSTRUCTIONS

INJURY HAZARD

Please complete a shop and tool inspection prior to beginning the installation.

- Always make sure you have a clean, dry and well lit work area.
- Always remove jewelry, loose fitting clothing and wear protective gloves and eye protection.
- Always use extreme caution when jacking or raising a vehicle for work. Set the emergency brake and use tire/wheel blocks and jack stands. Refer to the vehicle manufacturer hand book. Utilize the vehicle manufacturers designated lifting points.
- Always use appropriate and adequate care in lifting parts during disassembly and installation. Seek help in lifting heavy or large items into place. Utilize jacks and or lifting devices when available.
- Always insure products are secure during disassembly and installation.
- Always wear eye protection and take steps to protect any exposed skin during the installations. Drilling, cutting and grinding plastic and metal may create flying particles that can cause injury.
- Always use extreme caution when drilling, cutting and or grinding on a vehicle. Thoroughly inspect the area to be drilled, on both sides of material, prior to modification and relocate any objects that may become damaged.
- Always assemble and tighten all fasteners per the installation instructions.
- Always route electrical cables carefully. Avoid moving parts, parts that may become hot and rough or sharp edges.
- Always insulate and protect all exposed wiring and electrical connections.

MAINTENANCE AND CARE

- Always perform regular inspections and maintenance on mounts and related fasteners.
- Periodically check and tighten all fasteners.
- Stripped, fractured, or bent fasteners must be replaced.
- After washing the vehicle make sure to fully dry all surfaces.
- In areas with cold temperatures make sure to wash the product often to remove harmful materials used on road ways.
- Never use abrasive cleaners or polish compounds. Clean with a gentle soap and water. If you use wax use a non-abrasive automotive wax such as pure carnauba wax.

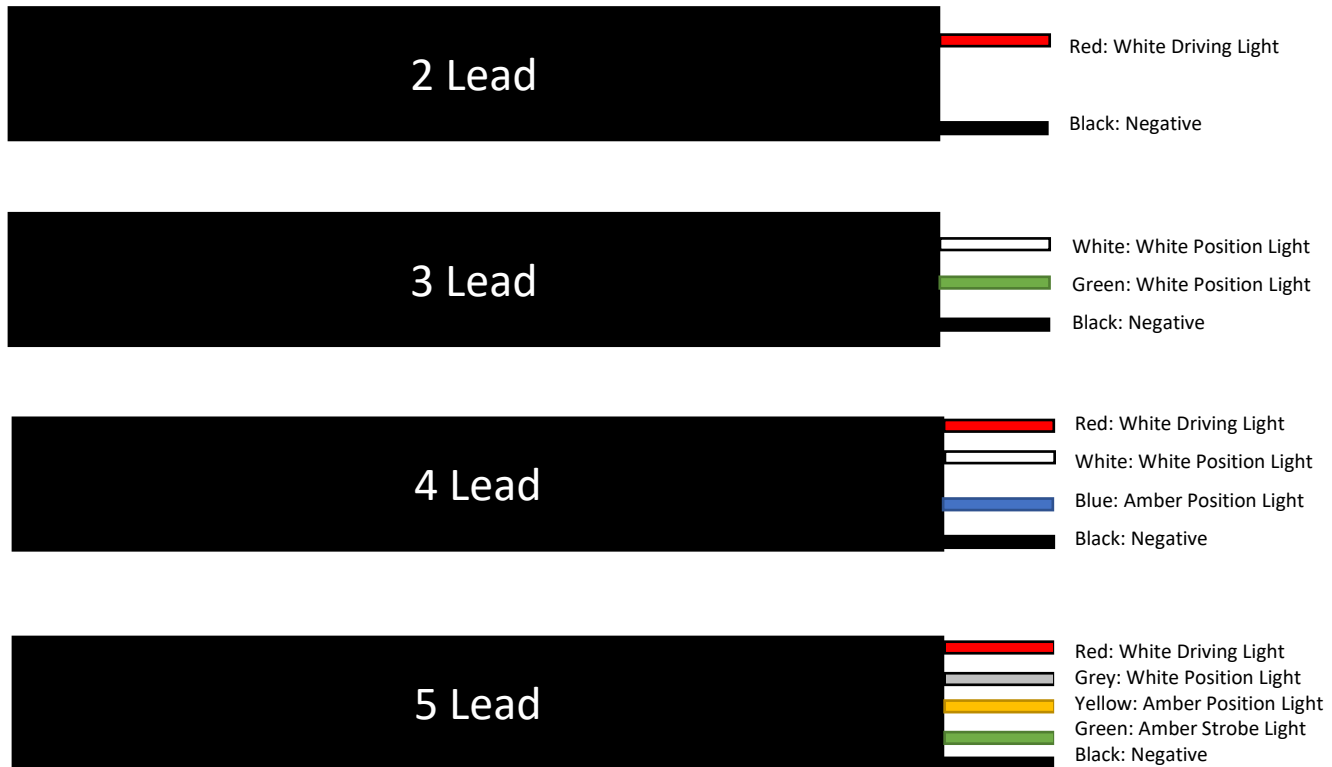
WARNING

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- Make sure to fully understand the product, it's intended use and operation prior to use.
- Above all... be safe!



WIRING LEAD FUNCTIONS



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TOOLS NEEDED FOR INSTALLATION:

- Phillips Screw Driver
- 11MM Socket/ Wrench
- 10MM Socket/ Wrench

ESTIMATED TIME FOR INSTALLATION:

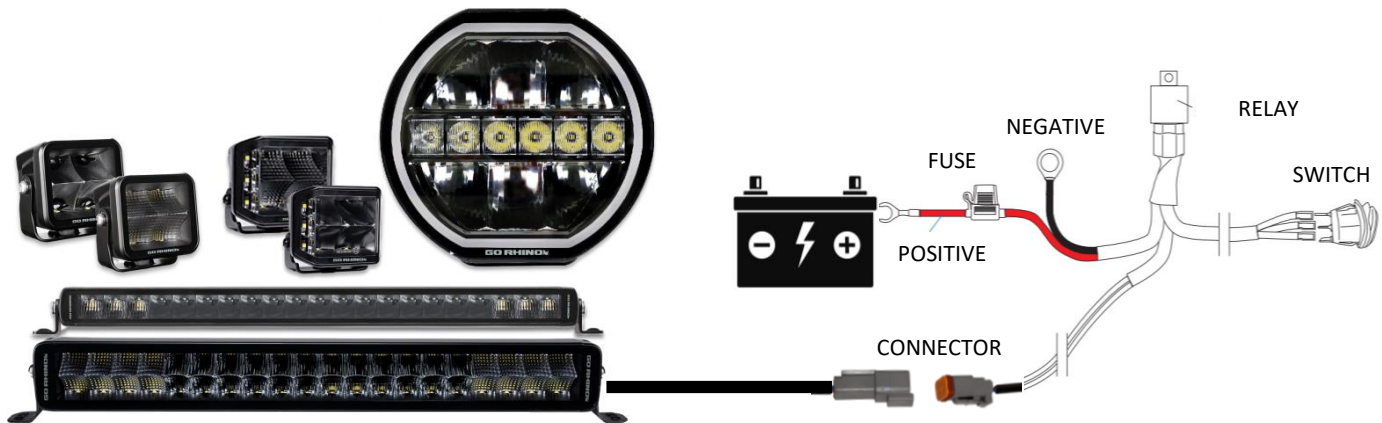
1-2 Hour

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XPLOR

LIGHTING

WIRING INSTRUCTIONS



STEP 1: When routing wire harness through any metal surface be sure it is free of any sharp edges and protected using wire sheathing or a grommet.

STEP 2: Route the harness through vehicle, connect the XPLOR lamp by directly plugging into the Deutsch connector's that are pre-terminated onto the harness.

STEP3: Route the switch lead of the harness to the desired switch location and follow the wiring diagram to ensure proper connections at the switch.

STEP4: Connect the positive and negative battery terminals once all connections have been made with the RED harness lead connected to the positive battery terminal and the BLACK wire to the negative battery terminal.

STEP 5: Test to verify functionality, be sure to properly aim your new XPLOR lighting before final torque on all mounting hardware.

STEP 6: If connecting to an existing switch be aware of the current rating of your selected switch, if switch rating is less than the amperage required to power your lighting then a relay must be added in line to prevent failure of the switch.

STEP 7: If connecting to existing wiring, make sure to use appropriate fusing and wire gauge. Be sure to use heat shrink tubing on all connections to ensure a weather tight seal.

XPLOR

LIGHTING

TROUBLESHOOTING

After installation, if the lamp does not activate → Check the wiring and make sure there are no faulty or irregular connections .

If the switch illumination does not light up.

- Verify the (+) wire from the switch is properly connected. If it is not correctly connect it will not activate.
- Verify the fuse located on the vehicle s wiring system. (the switch s (+) wire should be connected to the fuse box). If it is burned out, connect it to another circuit.
- If the switch itself is faulty, the same symptoms may exist. We recommend that the entire switch unit be replaced.
- Check the fuse for the switch harness. If it is burned out, follow instructions indicated in [3 Fuse replacement Procedures].

The switch illumination lights up but when operating does not work.

- Check the connecting (-) cord to the body earth.
- There may be cases where each terminal related to specific sections may be incorrectly connected. Check for any lose wires and also for dirt or grime.
- Check the switch operation If an abnormality is found, replace it accordingly.

If the LED suddenly fails to light up ...

- Check the fuse located on the vehicle s wiring system. If it is burned out, replace accordingly.
- Check the fuse for the switch harness. If it is burned out, follow instructions indicated in [fuse replacement Procedures
- There may be cases where each terminal related to specific sections may be incorrectly connected. Check for any lose wires and also for dirt or grime.
- Check the switch operation if an abnormality is found, replace it accordingly.

Fuse replacement Procedures

- A short circuit may have occurred. Check the wiring system. If any type of damage is found replace accordingly. (Non-replacement may pose a potential danger) (Short circuits are mainly caused when wires are caught in the assembly or when there is a gap in the sleeve connected to the lamp harness).

XPLOR LIGHTING **INSTALLATION INSTRUCTIONS**

LIMITED WARRANTY

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Go Rhino warrants to Buyer that for the life of the product(s) from the date of shipment of the product(s) ("Warranty Period") for polished stainless steel finished products purchased after April 2004, that such products will materially conform to the specifications set forth in Go Rhino's specifications in effect as of the date of shipments and will be free from material defects in material workmanship.

Warranty claims must be accompanied with the original invoice and photos of the product. It is the customer's responsibility to clean regularly and protect finish with regular applications of a nonabrasive polish that is compatible with the product's finish.

This warranty covers the cost of the product only and does not include the cost of removal, installation, third party modifications or shipping of the product. In no event shall Go Rhino be liable to buyer or any third party for any damage or harm caused by the product or use thereof, regardless of weather such damages were foreseeable and whether or not Go Rhino has been advised of the possibility of such damages, not withstanding the failure of any agreed or other remedy of its essential purpose. This warranty is void if the product shows signs of alteration, misuse, mishandling, improper care, neglect, improper application and/or damage due to improper installation.

With respect to any such product(s) during the limited warranty period, Go Rhino shall, in its sole discretion, either: (i) provide a one-time repair or replacement of such products (or the defective part) or (ii) credit or refund the price of such products at the pro rata contract rate provided that, if Go Rhino so requests, Buyer shall, at Go Rhino's expense, return such product(s) to Go Rhino. The remedies shall be the Buyer's sole and exclusive remedy and Go Rhino's entire liability for any breach of the limited warrant(ies).

Go Rhino disclaims all other warranties except to the extent that any such warranty cannot be validly disclaimed under applicable law.

Finish Limited Warranty:

Limited lifetime on stainless steel products (after April 2004)

5 year warranty on black powder coat products

5 year warranty on chrome products

This warranty does not cover exposed welds

Finish warranty covers peeling, flaking, or cracking. Washing all finishes regularly with car wash soap and rinsing well with water is the best method for maintaining the finish on your products. You must also protect the finish with nonabrasive automotive wax on a regular basis. The use of any compound which contains abrasives becomes a self-defeating exercise as the compound scratches the finish and opens it to corrosion. The use of harsh chemicals used to remove bugs and tar may also cause the finish to fail and should be avoided.

If you are unsatisfied with your purchase please contact the establishment you purchased the product from.

If you need to place a warranty claim or need assistance, the Go Rhino customer service team will answer any questions you may have. Please contact the Go Rhino customer service team at 1-888-427-4466 during normal business hours Monday thru Friday 7 am to 5 pm PST. You may also email warranty@gorhino.com. In order to better serve you please provide a copy of the original invoice / receipt, a photo of the issue you are experiencing and a photo of the vehicle the product is installed on.

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PRODUCT REGISTRATION

Please remember to register your new purchase. You may register your product at www.gorhino.com. Registering your product may help speed any future warranty or customer service inquiries.

Thank you again for purchasing Xplor Lighting by Go Rhino Products

Please take a few minutes to view additional products for your vehicle and more at GORHINO.com
These installation instructions are available on the Go Rhino web site along with installation videos for many of our products.

www.gorhino.com

www.bigcountryauto.com

www.gorhinopd.com



INSTALLATION INSTRUCTIONS

PART NO.

- 758CHSCW
- 758CHSCRGB
- 758CHSCRBT
- 758CHSCRRF



PRODUCT DESCRIPTION:

- Xplor Lighting 8 Channel Switch
- Xplor Lighting RGB 8 Channel Switch Controller
- Xplor Lighting RGB 8 Channel Switch Controller with Blue Tooth
- Xplor Lighting RGB 8 Channel Switch Controller with Blue Tooth and RF

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MAINTENANCE AND CARE

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- Some products allow the use of third party products such as winches, shackles, hooks, etc. Follow the respective manufacturers operating instructions for use with our products.
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INSTALLATION INSTRUCTIONS

PARTS INCLUDED IN THIS LIST:



Item	QTY	Item	QTY
Circuit Breaker	1	Zip Ties	1
Circuit Board	1	Switch Panel Wiring Harness	1
Circuit Board Mount	1	Accessory Harness	1
Positive Wire	1	Sticker Sheet	1
Negative Wire	1	Hardware Pack	1
Switch Panel	1	Switch Panel Mounting	1
Adjustable Mount	1		

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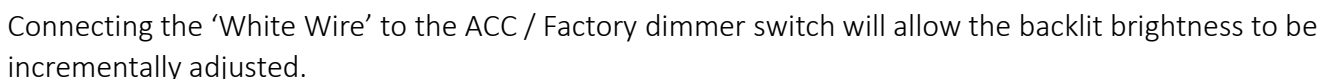
TOOLS NEEDED FOR INSTALLATION:

- Phillips Screw Driver
- 11MM Socket/ Wrench
- 10MM Socket/ Wrench

ESTIMATED TIME FOR INSTALLATION:

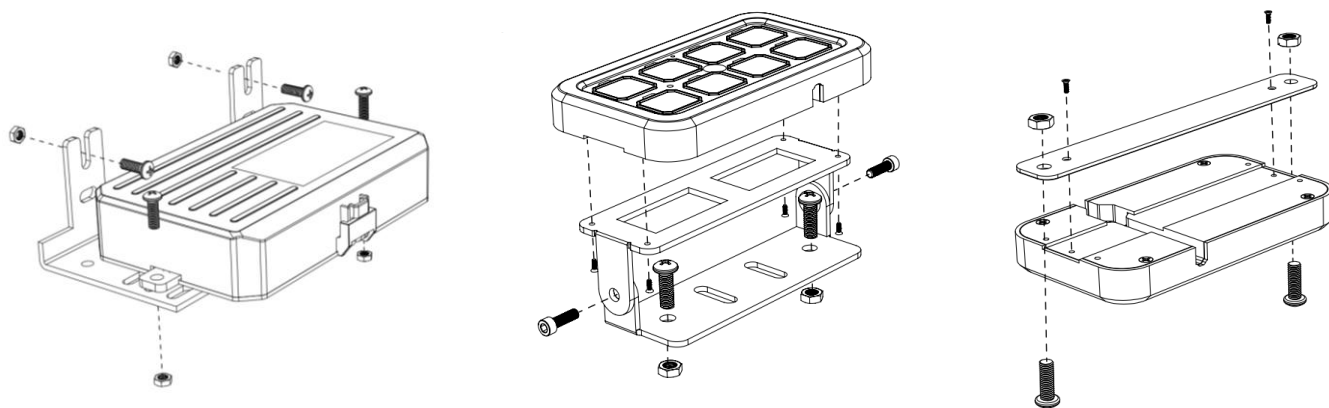
1-2 Hour

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INSTALLATION INSTRUCTIONS



1. Locate the Circuit board mounting bracket. Secure the bracket to the desired location in an unobstructed area to safely route the wiring. Use the supplied hardware to secure.
2. Place the Circuit board onto the mounting bracket. Route the supplied positive and negative wiring, accessory switch wire and the switch panel wiring through the right side of bracket and the circuit board.
3. Connect the switch wire connector and the switch panel connector wires onto the circuit board.
4. Connect the white wire to ACC / Factory dimmer switch and the red wire to a Positive power source.
5. Connect the Positive and Negative wires to the circuit board. Remove the screw from the circuit board and place the wire onto the terminal, place the screw into the terminal and tighten using a Phillips head bit.
6. Install the circuit breaker in a accessible location. Secure using (2) of the supplied screws. Tighten using a Phillips bit driver.
7. Secure the positive cables on each terminal of the circuit breaker.
8. Tighten using an 11mm socket. Place the clear cover over the circuit breaker.
9. Connect the Positive and Negative wires to the battery.
10. Secure the circuit breaker to the mounting bracket using (2) of the supplied nuts and bolts. Tighten using a Phillips head bit and an 10mm wrench.
11. Locate the Switch panel and choose the mounting bracket that is best for your application and install the control panel using the supplied screws.
12. Mount the control panel into the desired location and connect the wiring harness together. Tighten the threaded nut to secure and seal the connectors.
13. Connect the wiring from the products that will be used by the switch panel. Choose from the fused 5A, 10A, 20A, 30A slots for your application.
14. Press each button on the switch panel to confirm the switched product is working properly. Install the circuit breaker cover.
15. Choose the appropriate sticker for each switched application and apply onto the switch panel. Apply 8 of the stickers that closely matches the switched application onto the buttons of the switch panel.

GO RHINO®

INSTALLATION INSTRUCTIONS

Red indicator light
Toggle Mode



Blue indicator light
Momentary Mode



Green indicator light
Pulsed Mode



RGB Equipped Controllers

Accessory circuit 1-8 of the switch panel can be operated as Toggle or Momentary or Pulsed Mode. By default the switch panel comes out of the box set for Toggle Mode. To enable or disable these three modes, please follow this procedure.

Double click the MODE, all indicators will blink, then choose and click the button until its indicator shows the mode you want: Toggle (indicator red), Momentary(indicator blue), Pulse(indicator green), click the MODE again and your settings will be saved(If the setting is not saved within 12 seconds, all changes will be ignored)

Circuits

This switch panel control system has eight switch circuits, each has a maximum current rating. The total operating amperage of the connected accessories can not exceed 60 amps (600 watts). You may have multiple electrical devices or auxiliary LED lights connected that total more than 60 amps, but you can not have them turned on 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



Mobile Phone App Control Available

Scan the QR code and download the App - Switch Panel, enjoy with more functions and performance from controlling the switch panel via your mobile phone. Mobile phone App user guide will be come with the package.



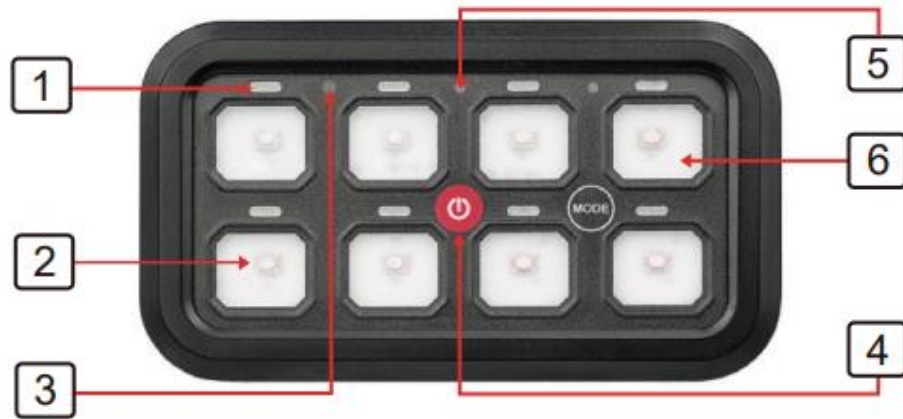
For Apple Devices



For Android Devices



INSTALLATION INSTRUCTIONS



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 power on or off all circuits.
- 5 - Indicator lights up when you press the Master ON/OFF button.
- 6 - RGB backlit on when the switch panel is powered on. By default, it's green.



Backlit Color & Brightness

By default, the backlit is in green color, the brightness of the backlit is automatically dimmable according to the brightness variation of the surrounding environment. The darker the surrounding is, the darker the backlit will be; the brighter the surrounding is, the brighter the backlit will be.

To change the backlit color, please check below steps:

Press MODE and any other key in the same time, the indicator of MODE turns red. Click or hold the 1/4 button until the back-lit turns to the color 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 1/4 button will make the color change faster.

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



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www.gorhino.com

www.bigcountryauto.com

www.gorhinopd.com