

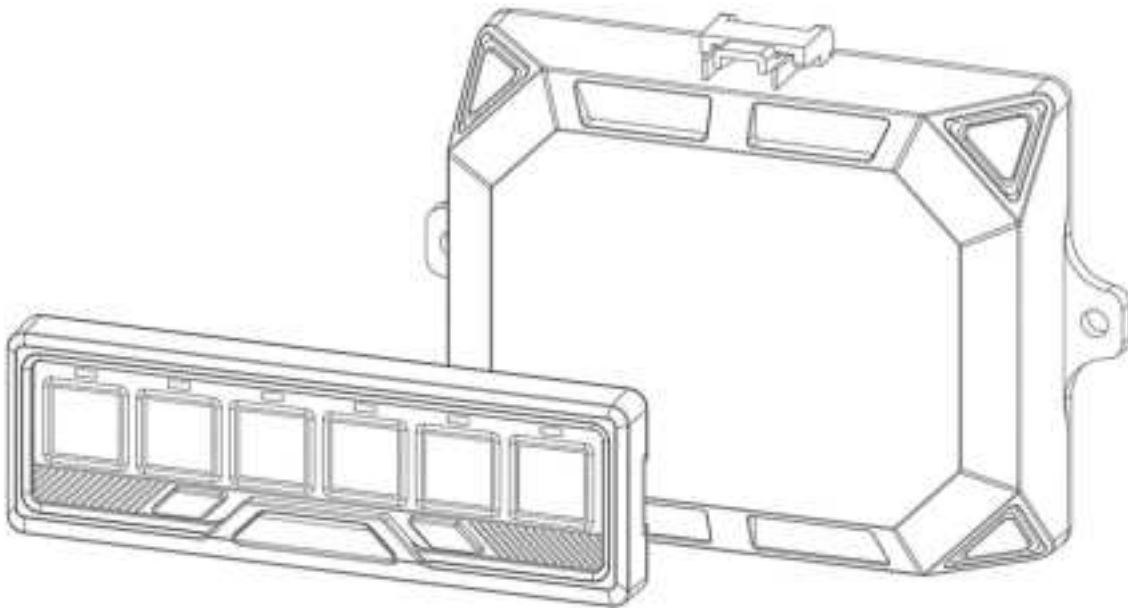


LYNX 6

6-SWITCH CONTROL PANEL & POWER HUB

WP ITM. LM534403

Care & Use Instructions



Important, retain for future reference:
Read carefully

WARNINGS

IMPORTANT SAFETY INSTRUCTIONS

- SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions.
- Before using this product, read all instructions and cautionary markings.
- Do not expose the bare wires to rain, moisture, or snow.
- Use of an attachment not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
- Do not operate with damaged Control Panel and Power Hub – replace it immediately.
- Do not operate the Control Panel and Power Hub if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceperson.
- Do not disassemble the Control Panel and Power Hub; take it to a qualified serviceperson when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- To reduce risk of electric shock, disconnect the Control Panel and Power Hub before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.

WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS WHEN INSTALLING THE CONTROL PANEL AND POWER HUB MAY CAUSE ELECTRICAL PROBLEMS IN YOUR VEHICLE WHICH COULD CAUSE DAMAGE, ELECTRICAL SYSTEM DAMAGE, FIRE, ELECTRICAL SHOCK, PERSONAL INJURY OR DEATH.

CAUTIONS

1. Do not install or use product if it, in any way, impairs the safe operation of your vehicle.
2. Follow manufacturer's instructions to ensure the product is properly and safely installed.
3. Check your state or provincial laws before installing. Vehicle owner must comply with all applicable laws.
4. The Manufacturer and Seller are not responsible or liable for consequential, incidental, or indirect damages, whether to person or property, resulting from the installation or improper use of this product.



WARNING: This product can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP) and Diisononyl Phthalate (DINP), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SPECIFICATIONS

Input Voltage:	12V DC
Output Voltage:	12V DC
Output Maximum Current:	60A

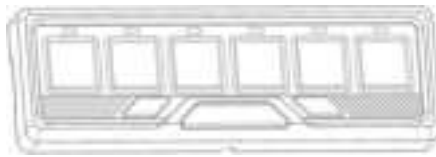
PACKAGE INCLUDES

1



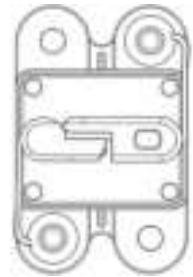
1 x Power Hub

2



1 x 6-Switch Panel/Keypad

3



1 x Circuit Breaker

4



4 x Panel/Keypad Sticker Sheets
(140 Total Stickers)

5



10 x Cable Ties

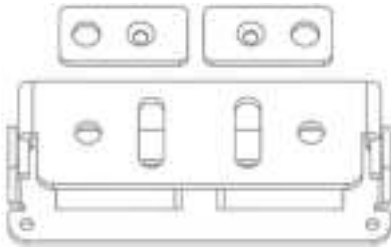
6



3 x Spare Fuses
(Attached to Power Hub Cover)

Installation Kit:

7



2 x Mounting Bracket Sets
For Switch Panel

8



1 x Mounting Bracket
For Power Hub

9



1 x Allen Key

10



4 x M3 Phillips Flat
Head Screws (L6)

11



4 x M3 Round Head
Screws (L6)

12



2 x M5 Hex Socket
Head Screws (L10)

13



2 x M4.2 Cross Round Head
Dovetail Screws (L19)

14



2 x M5 Cross Round Head
Self-Tapping Screws (L10)

15



2 x M5 Cross Round
Head Screws (L10)

16



2 x M6 Slot Round Head Screws (L16)
2 x M6 Washers
2 x M6 Nuts

Power Connection Kit:

17



1 x Negative Power Cable

18



2 x Positive Power Cables

19



1 x Fuse Tap

20



1 x ACC Power Cable

21



1 x 4-Pin Cable

RECOMMENDED TOOLS & MATERIALS (NOT INCLUDED)

- Screwdriver
- Ratchet & sockets / wrenches
- Crimp tool
- Wire strippers / cutters
- Non-conductive electrical tape
- Cable ties
- Multimeter

BEFORE INSTALLATION

1. Choose an Appropriate Location

- Select a dry, well-ventilated area that allows for easy access to the control panel and power hub, ensuring it is away from heat sources, moisture, and moving parts.

2. Plan Wiring Routes

- Map out the wiring paths to ensure neat and safe installation, avoiding sharp edges and hot surfaces. This will also help you determine the amount of wiring needed. Measure at least twice.

3. Inspect Components

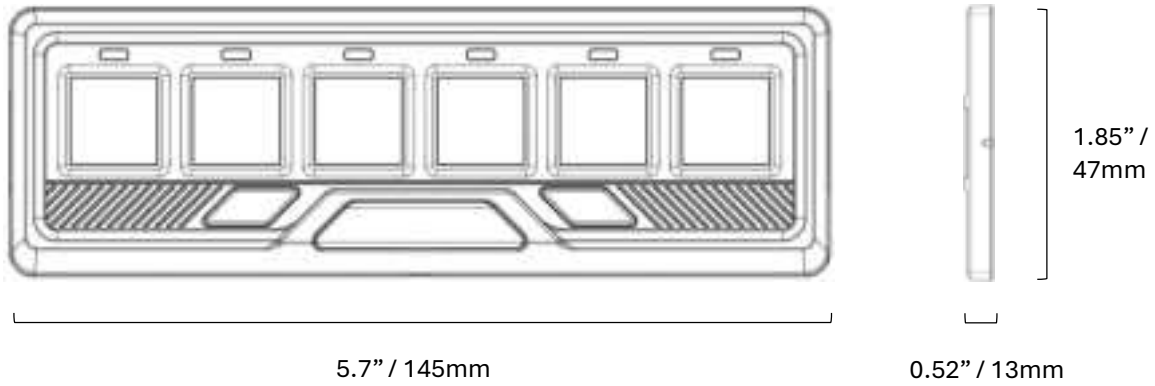
- Inspect the cables for any damage, including frayed insulation, exposed wires, or broken connectors. Using damaged wires can lead to overheating, short circuits, and potential fire hazards.

4. Electrical Ratings

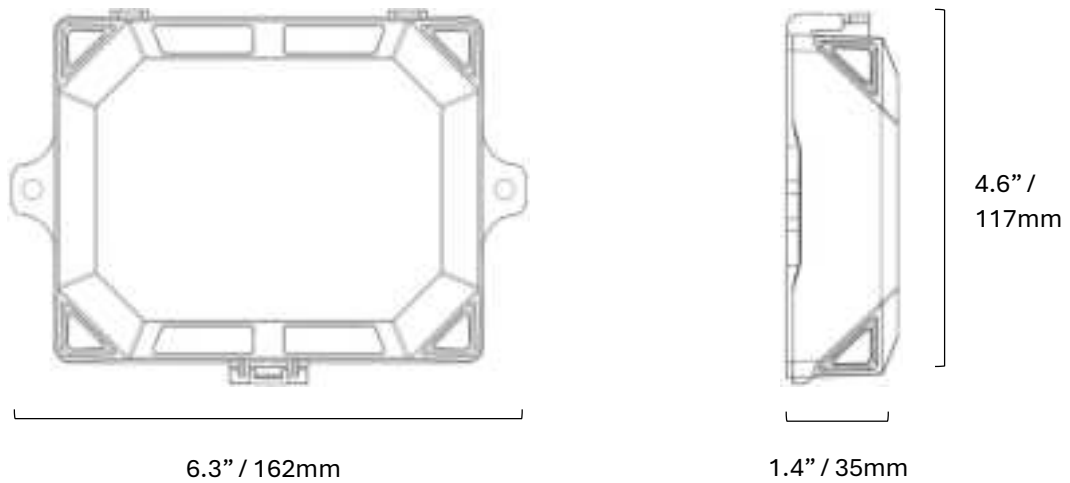
- This power hub has specific voltage and amperage ratings for power input. **DO NOT EXCEED THESE RATINGS.** Ensure this power hub is installed in a properly functioning vehicle with a properly functioning electrical system.
- The user is responsible for connecting compatible 12V accessories to this power hub. This power hub is intended to connect power to 12V DC automotive accessories that are within the amperage ratings provided. It is essential that ratings are followed. Do not connect a 12V accessory that is malfunctioning or damaged to this power hub.

DIMENSIONS & MOUNTING

6-Switch Panel/Keypad:



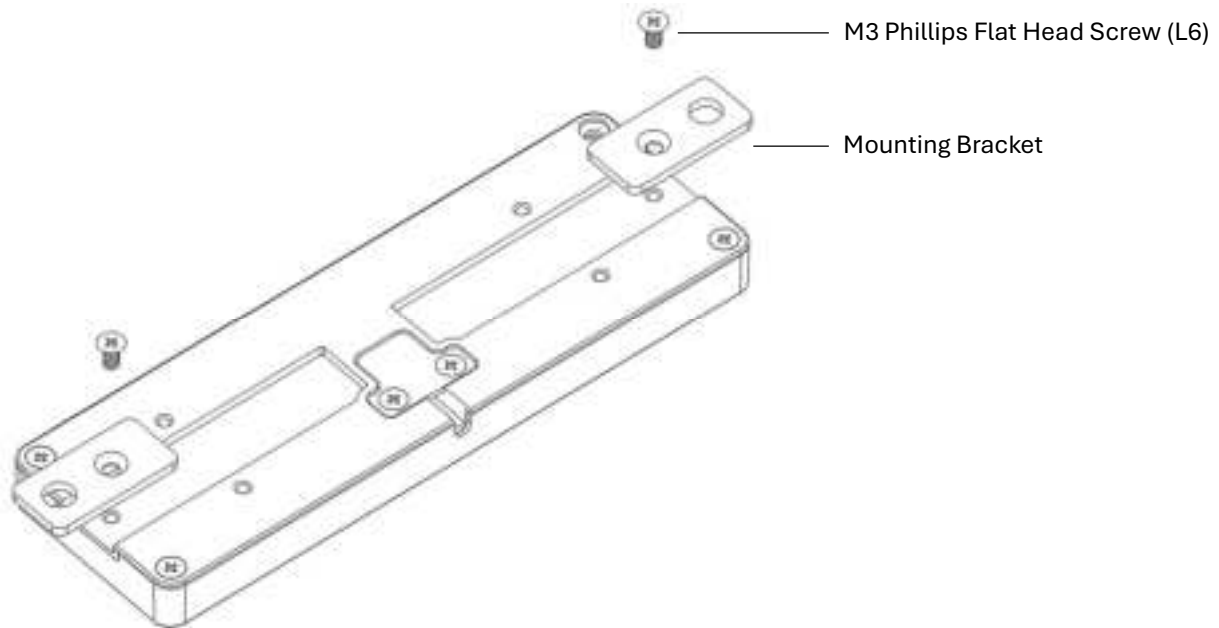
Power Hub:



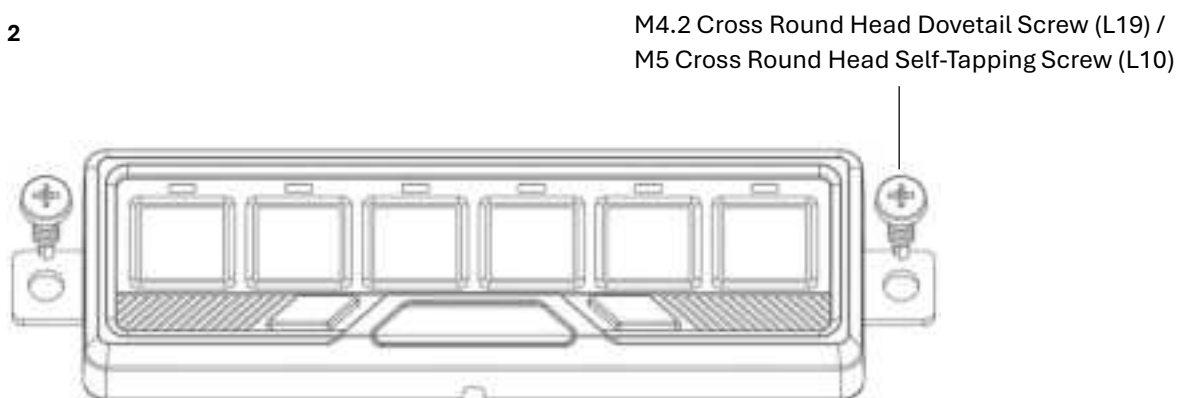
Mounting The Switch Panel

Option A - Fix Mount

1

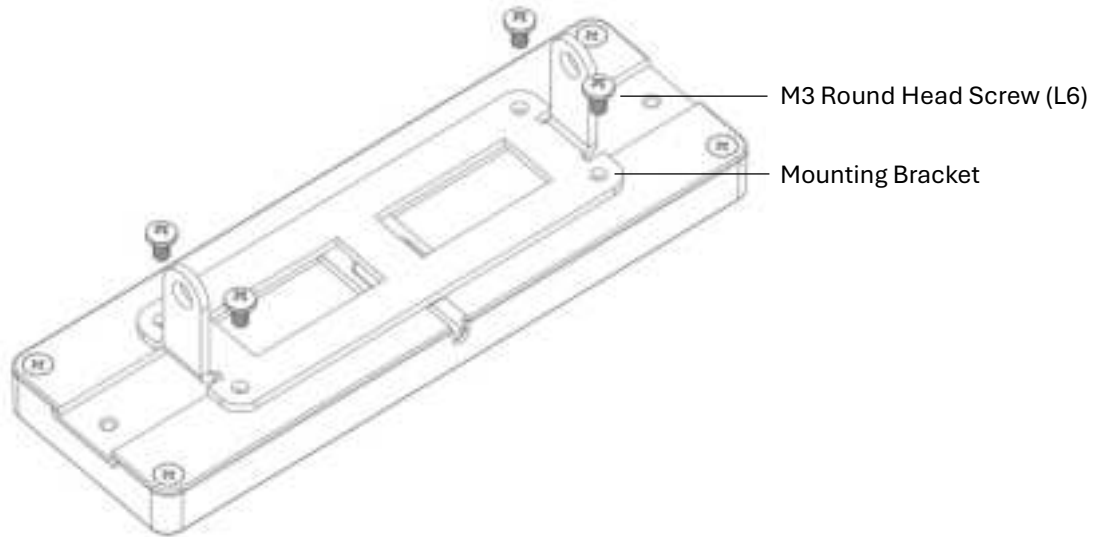


2

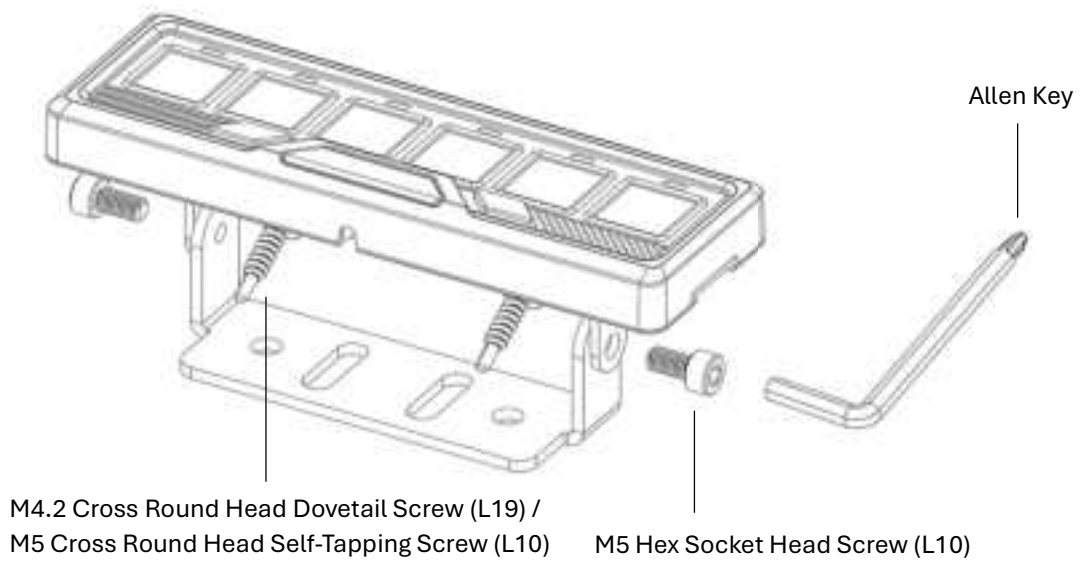


Option B – Angle Adjustable Mount

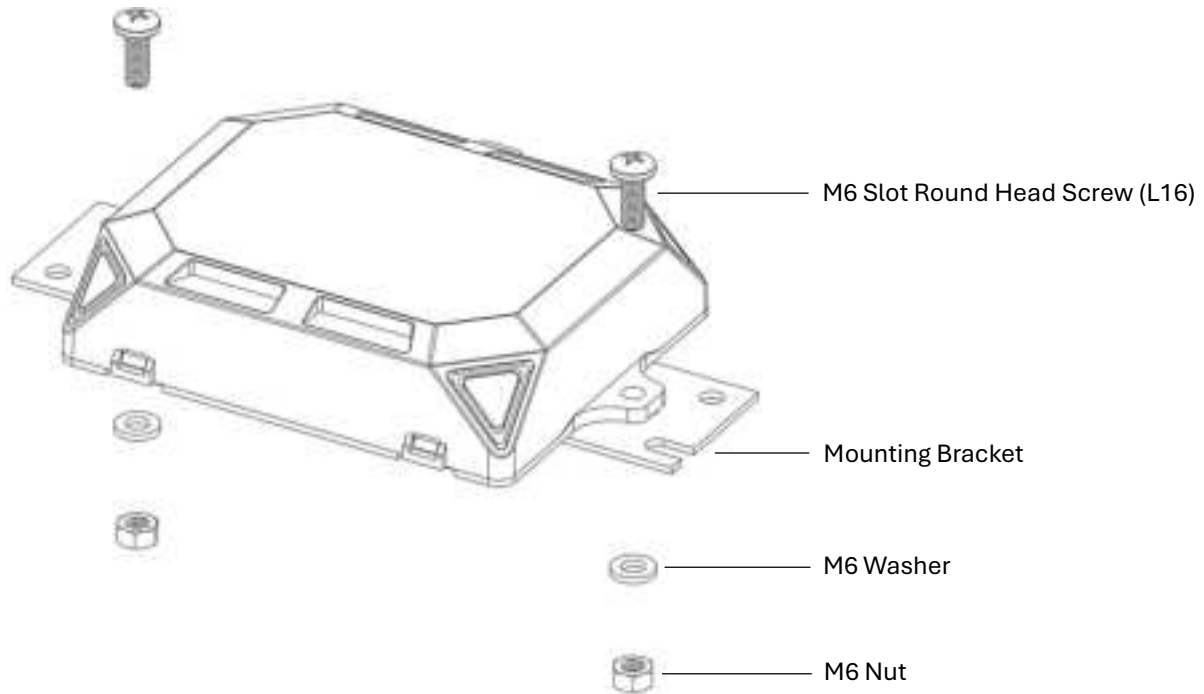
1



2

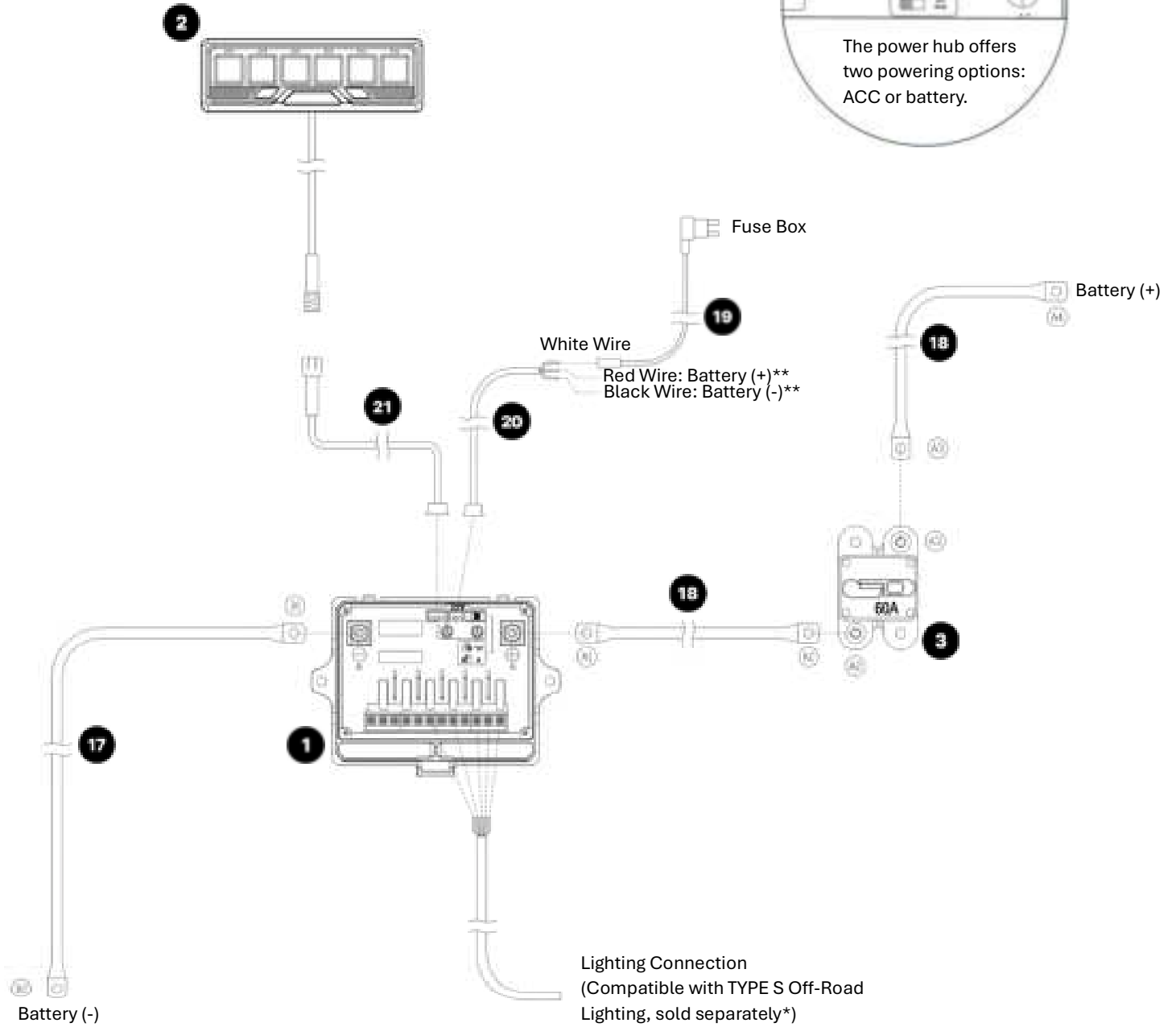


Mounting The Power Hub



NOTE: Position the power hub to ensure the wire exit underneath is not obstructed. In some cases, the mounting bracket may be optional.

WIRING



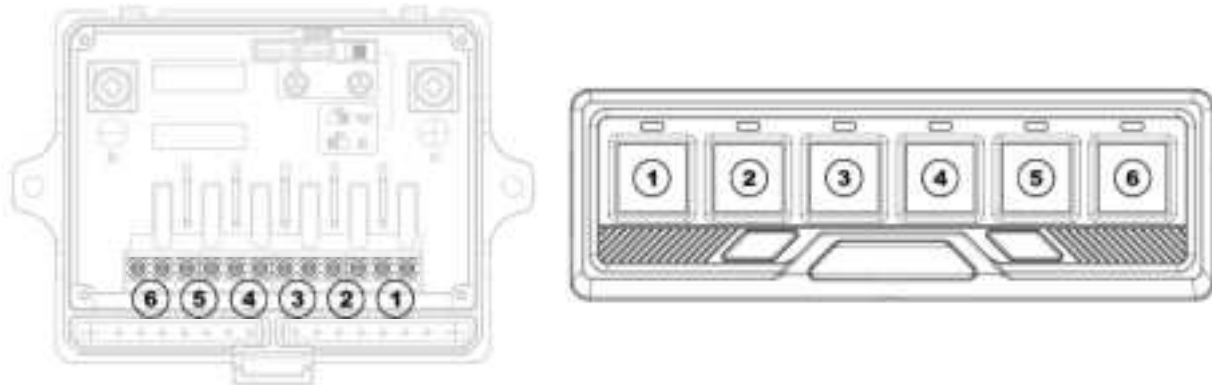
***NOTE:** Visit www.typesauto.com for more information on where you can purchase TYPE S Off-Road Lighting.

****CAUTION:** RED and BLACK wires must be connected for proper undervoltage protection. Failure to do so may result in system damage or malfunction.

6 CIRCUIT FUSE BLOCK

Before choosing a circuit for your lighting setup, verify the amperage rating required by your device. Each circuit has a maximum load rating and your device should not surpass this limit.

Refer to the following table for circuit configuration:



Circuit	Amps
1	30A
2	20A
3	20A
4	15A
5	15A
6	10A

CAUTIONS:

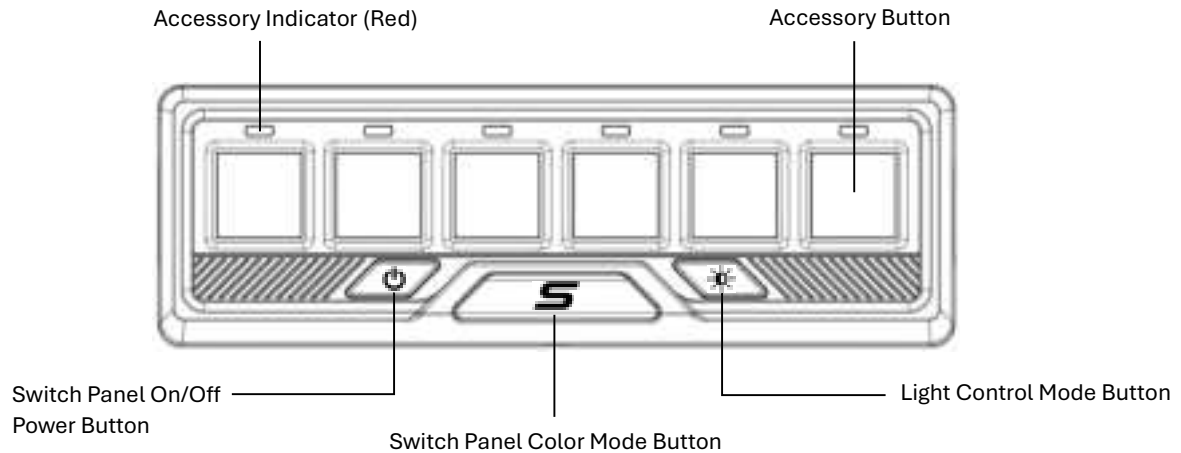
The maximum capacity of the power hub is 60A. If you connect multiple lights or electrical devices that exceed this limit, they must not be turned on at the same time. Doing so may damage the power hub.

Do not mix fuses with different amperage ratings in the fuse block. Each fuse is specifically designed to protect its corresponding circuit. Always ensure that the fuse rating matches the specifications of the circuit being protected.




Once the installation is complete, test the power hub to ensure that it is working correctly and safely. Turn on each light or device one at a time to ensure that they are all working correctly and that the power hub is not overloaded.

LIGHT CONTROL MODE SETTINGS


Switch Panel/Keypad Introduction




Switch Panel/Keypad Programming




1. Power on the switch panel/keypad by pressing .
2. Press and hold  for 2 seconds until the switch panel flashes red.
3. Press  to cycle through the light control mode settings: Momentary > Flash > Strobe. Switch panel visual indicators explained below.


- Fast blink: Momentary Mode
- Slow blink: Flash Mode
- Rapid blink: Strobe Mode

NOTE: While in the light control mode settings, the accessory buttons will flash red. Additionally, the accessory indicator will be red and solid above the accessory you are currently controlling. Pressing  will change the backlight of the accessory buttons to blue for flash and strobe modes.

4. When you have determined your preferred light control mode, press the accessory button you wish to program.
5. Press  to save and exit the light control mode settings.


Returning To Constant Mode

1. Press and hold , the accessory buttons will flash red.
2. Press  to switch to the mode you previously set for the light. A solid red accessory indicator will appear above the corresponding accessory button.
3. Press the button with the solid red accessory indicator. This will turn the indicator off.
4. Press  to save constant mode and exit light control mode settings.


NOTE: If you prefer to reset all the lights to constant mode, press and hold  for 8 seconds.

Changing Switch Panel/Keypad Colors

Solid Color

- Press  to cycle through the color options: red, orange, yellow, green, cyan, blue, purple, and white

Gradient / Jump / Breathing Colors

- Press and hold 
 - Gradient: red – orange – yellow – green – cyan – blue – purple
 - Jump: red – orange – yellow – green – cyan – blue – purple – white
 - Breathing: red – orange – yellow – green – cyan – blue – purple – white

METHODS TO CONTROL ACCESSORIES

- Switch Panel/Keypad
- TYPE S LED App
- Apple CarPlay or Android Auto

FREQUENTLY ASKED QUESTIONS

1) **Question:** What is the maximum running current?

Answer: The LYNX 6 is rated 60A.

2) **Question:** When the power hub is connected to the battery and the power indicator is always on, will it drain my battery?

Answer: No. The standby current is 3-8mA. An average truck/SUV battery is 70-100Ah (amps per hour) providing 364-1388 days of standby power.

3) **Question:** Can I connect the negative wire to the common cathode?

Answer: Yes.

4) **Question:** How do I know if the wiring is correct?

Answer: If the power indicator is red, the connection is correct.

5) **Question:** What does the power hub do?

Answer: The power hub provides two ways of providing power to 12V accessories, ACC (accessory power) or battery power.

APP INSTALLATION

The auto-sync feature in the TYPE S LED App allows you to manage the control panel and power hub's functions from your phone. To access this feature, scan the QR code below or search for "TYPE S LED" on the App Store or Google Play. Download and install the App.



Compatible with
iPhone, iPad, Mac and
iPod touch with iOS 14
or higher.



Compatible with devices
running Android™ 9.0 or
higher.

NOTE: Not all Android™
phones are equipped with
Bluetooth® v4.2 required
for this application.

CONNECTING THE APP

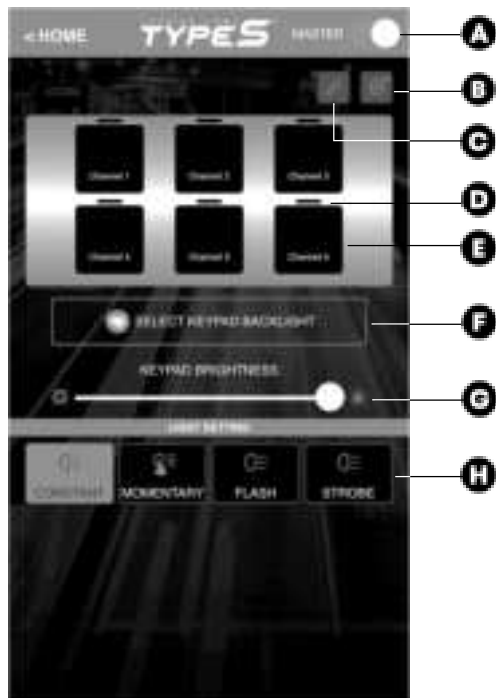
1. Select **SMART LED SWITCH** to begin.



2. Click **6-SMART SWITCH PANEL & POWER HUB**. If your device is powered on and within a 30-foot Bluetooth® range, the App will connect automatically. The screen will switch to the main interface.



USING THE APP



A. Master On/Off Switch


Toggle switch to turn all connected devices on or off.

B. Firmware Versions

Check the current firmware versions of your control panel and power hub.



C. Device Configuration

Customize the names and icons for each of your connected devices. Click  to access the following settings:

- **Rename**
- **Edit Icon**
- **Cancel**



Rename Your Devices

Assign new names to each connected device, with a maximum of 9 characters each.



Select Icons For Your Devices

Choose from the library of preset icons to best represent your connected devices.

Alternatively, click “Using Photograph” to select icons from your gallery.



D. Accessory Indicator

When the red accessory indicator is on, flashing or strobing, it means the device is powered on.

E. Accessory Button

To control an individual device, select its corresponding button. A white frame will appear around the selected device. Click the button again to turn the device on or off.



F. Select Keypad Backlight

Choose your preferred keypad backlight color from the 49 existing presets.

Alternatively, click “Photo Match”. You can use the camera to capture the desired color, or import a photo from your smart device and tap on the area where you want to color match your keypad backlight. Add the color and confirm your selection.



G. Keypad Brightness

Slide the bar to adjust keypad brightness.



H. Light Control Mode Setting

To change the light control mode, select the device you wish to adjust, then choose your desired mode.



NOTES:

In Flash Mode, you can set the flash speed by sliding the bar.

When using Apple CarPlay or Android Auto to control your devices, Momentary Mode will be temporarily disabled, and the devices will automatically switch to Constant Mode.

APPLE CARPLAY / ANDROID AUTO

You may access the TYPE S LED App through your vehicle's Apple CarPlay / Android Auto system. Make sure the TYPE S LED App is enabled on your mobile device's Apple CarPlay / Android Auto settings. To enable the TYPE S LED App, follow the instructions below.

iPhone/iPad:

Settings > General > CarPlay > My Car(s) [CarPlay System Name on Vehicle] > Customize > More Apps > + (add) TYPE S LED.

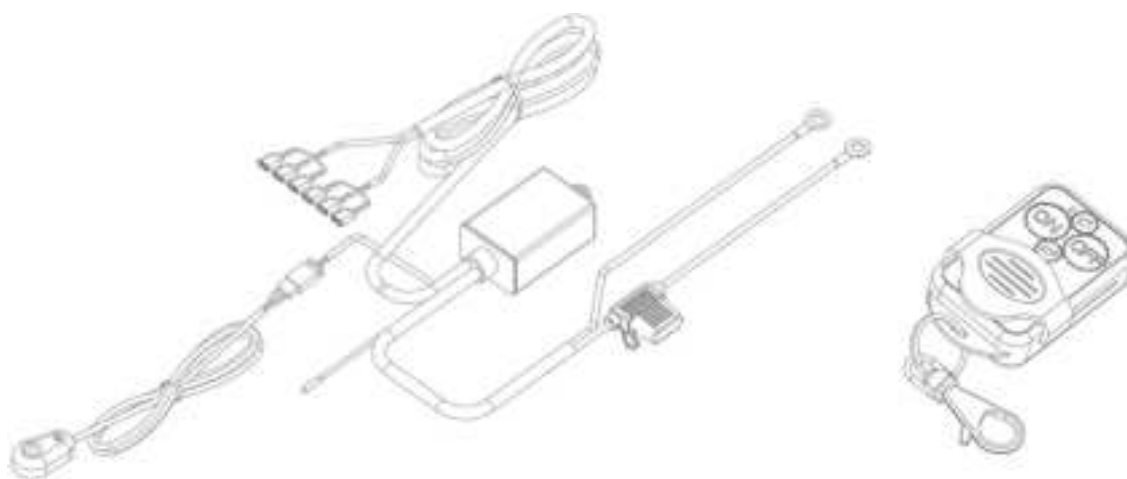
Android:

Settings > Connected devices > Android Auto > Customize [from Android Auto interface on Vehicle] > Select TYPE S LED from mobile device's customize launcher > Restart vehicle for TYPE S LED App to appear on vehicle's Android Auto interface.

Once the TYPE S LED App is enabled in Apple CarPlay / Android Auto, you may turn accessories on and off, name the accessories, and control them within the TYPE S LED App: TYPE S LED > Smart LED Switch.



OPTIONAL ACCESSORIES



2-Light Wiring Harness
(LM534402, sold separately)

Visit www.typesauto.com for more information on where you can purchase additional accessories.

WARRANTY

TYPE S LIMITED WARRANTY

TYPE S warrants, to the original purchaser, that its products are free from defects in material and workmanship for 2 years from the date of original purchase. Where permitted by law, TYPE S's liability shall be limited to that set forth in this limited express warranty. This limited express warranty shall be the exclusive remedy of the purchaser and TYPE S makes no other warranty of any kind aside from the limited express warranty stated above.

NOTE: Warranty only applies for North American customers of purchases made in North America.

CONDITIONS OF WARRANTY

If during the 2-year warranty period your new product is found to be defective, TYPE S will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:

1. All repairs must be performed by TYPE S.
2. All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
3. The equipment must not have been altered or damaged through negligence, accident, improper operation, or failure to follow the product instructions for installation, use, or care.
4. The replacement of parts is excluded from the warranty when replacement is necessary due to normal wear and tear.
5. Repair or replacement parts supplied by TYPE S under this warranty are protected only for the unexpired portion of the original warranty.
6. This is a "repair or replace" warranty only, and does not cover the costs incurred for the installation, removal or reinstallation of the product, or damage to any mobile phone device or vehicle.

OWNER'S RESPONSIBILITIES:

TYPE S will make every effort to provide warranty service within a reasonable period of time. SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1.866.294.9244 DURING REGULAR BUSINESS HOURS MONDAY THROUGH FRIDAY 8:00 AM TO 5:00PM.

NOTE: Toll Free # is for North America Customers ONLY. See Customer service section for customer contact numbers for other regions/offices.

For customer service and technical support, please call us at 1.866.294.9244. If at that time it is determined that a replacement unit is needed, the support representative will issue a Return Authorization and instruct on how to get a new unit. TYPE S makes no other warranty of any kind aside from the limited express warranty stated herein.

DISCLAIMER OF WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR PARTICULAR PURPOSE: EXCEPT AS SPECIFICALLY SET FORTH HEREIN, NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, IS MADE AS TO THE CONTROL PANEL AND POWER HUB. EXCEPT AS EXPRESSLY SET FORTH HEREIN, TYPE S AND/OR ITS AFFILIATES EXPRESSLY DISCLAIMS, WITHOUT LIMITATION, ANY STATUTORY WARRANTIES AND ALL IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

TYPE S and/or its affiliates are not responsible for a user's intended or actual use of the Control Panel and Power Hub. In no event shall TYPE S and/or its affiliates have any liability for any losses (whether direct or indirect, in contract, tort or otherwise) incurred in connection with the Control Panel and Power Hub, including but not limited to damaged property, personal injury and/or loss of life. Neither shall TYPE S and/or its affiliates have any liability for any decision, action taken based on relying on the stability or performance of the Control Panel and Power Hub. TYPE S and/or its affiliates, the manufacturer, distributor and seller shall not be liable for any injury, loss or damage, incidental or consequential, arising out of the use or intended use of the product.

FCC COMPLIANCE STATEMENT:

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.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

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.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

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Apple CarPlay, iPhone, iPad, Mac and iPod touch are trademarks of Apple Inc.

LYNX 6

6-Switch Control Panel & Power Hub

LM534403

Responsible Party:

TYPE S

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