

TOURING ITEMS
TYPES

TOURING ITEMS
TYPES LM534403
6 Switch Control
Panel and Power
Hub



TOURING ITEMS TYPES LM534403 6 Switch Control Panel and Power Hub Instructions

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TOURING ITEMS
TYPES



Specifications

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

Product Information

The LYNX 6 is a 6-Switch Control Panel & Power Hub (WP ITM. LM534403) designed to provide control and power distribution in vehicles. It includes a power hub, a 6-switch panel/keypad, circuit breaker, stickers, cable ties, spare fuses, and installation kits for easy setup.

Package Includes

- 1 x Power Hub
- 1 x 6-Switch Panel/Keypad
- 1 x Circuit Breaker
- 4 x Panel/Keypad Sticker Sheets (140 Total Stickers)
- 10 x Cable Ties
- 3 x Spare Fuses (Attached to Power Hub Cover)
- Installation Kit:
 - Various mounting brackets, screws, Allen key
- Power Connection Kit:
 - Negative and Positive Power Cables, Fuse Tap, ACC Power Cable, 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 away from heat sources, moisture, and moving parts.
2. **Plan Wiring Routes:** Map out wiring paths for neat installation, avoiding sharp edges and hot surfaces.
3. **Inspect Components:** Check cables for damage before use to prevent hazards like overheating and short circuits.

Product Usage Instructions

Installation Process

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and parked in a safe location.
2. **Mounting:** Use the provided mounting brackets and screws to secure the control panel and power hub in the chosen location.
3. **Wiring:** Connect the power cables, fuse tap, and other components according to the wiring diagram provided in the manual.

Powering On and Testing

1. **Power Connection:** Connect the power cables to the appropriate power source following safety guidelines.
2. **Testing:** Turn on the control panel and power hub to ensure all switches are functioning correctly.

Maintenance and Safety

1. **Cleaning:** Use a dry cloth to clean the control panel and power hub; do not use liquid cleaners.
2. **Safety Precautions:** Always disconnect power before maintenance or cleaning to prevent electric shock.

Frequently Asked Questions (FAQ)

- **Q: Can I install this product myself?**
 - A: Installation should be done by a qualified serviceperson to prevent risks of electric shock or fire due to incorrect assembly.
- **Q: What should I do if I encounter wiring issues during installation?**
 - A: Stop installation immediately and consult a professional to avoid potential hazards related to improper wiring.
- **Q: How do I know if the product is functioning properly after installation?**
 - A: Test all switches and connections to ensure proper functionality before regular use in the vehicle.

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.

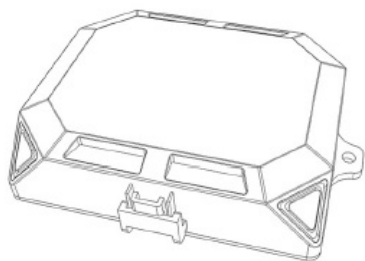
WARNING: This product can expose you to chemicals including Di(2-ethylhexyl)phthalate (DEHP) and Diisononyl Phthalate (DINP), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SPECIFICATIONS

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

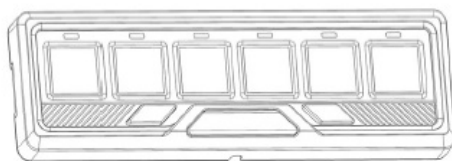
PACKAGE INCLUDES

1



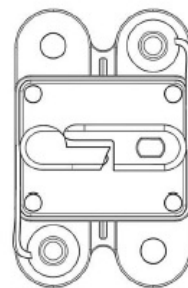
1 x Power Hub

2



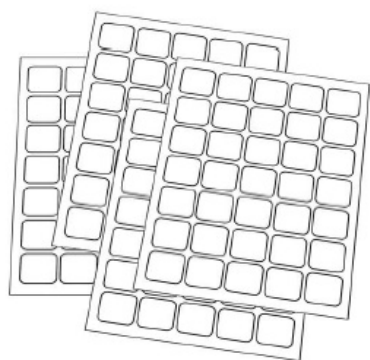
1 x 6-Switch Panel/Keypad

3



1 x Circuit Breaker

4



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

5



10 x Cable Ties

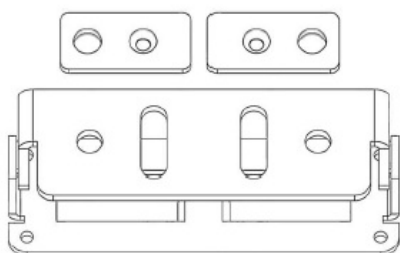
6



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



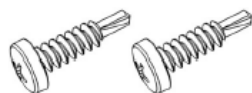
4 x M3 Round Head
Screws (L6)

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

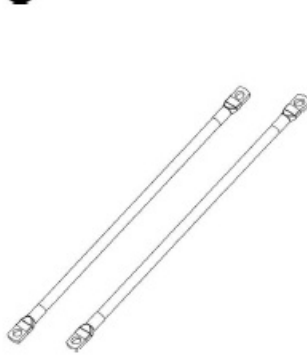
Power Connection Kit:

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

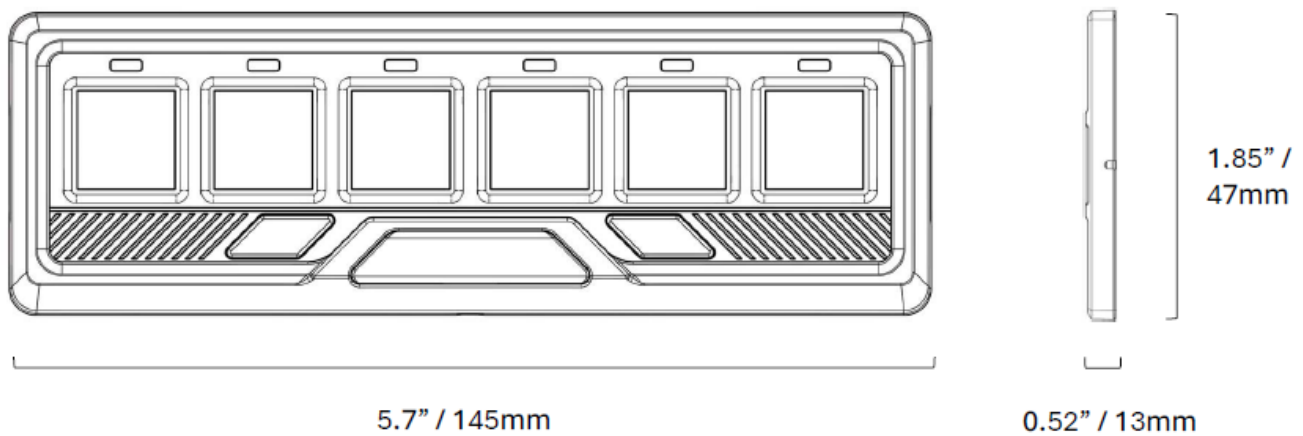
1. Choose an Appropriate Location
 - Select a dry, well-ventilated area that allows for easy access to the control panel and power hub, ensuring it is away from heat sources, moisture, and moving parts.
2. Plan Wiring Routes
 - Map out the wiring paths to ensure neat and safe installation, avoiding sharp 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.

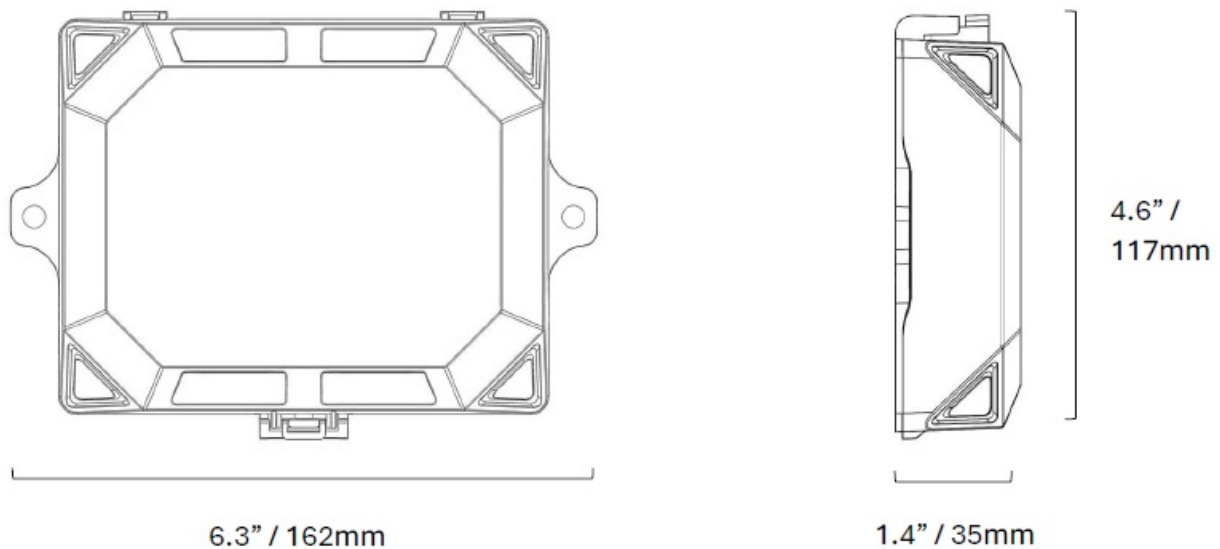
- The user is responsible for connecting compatible 12V accessories to this power hub. This power hub is intended to connect power to 12V DC automotive accessories that are within the amperage ratings provided. It is essential that ratings are followed. Do not connect a 12V accessory that is malfunctioning or damaged to this power hub.

DIMENSIONS & MOUNTING

6-Switch Panel/Keypad:



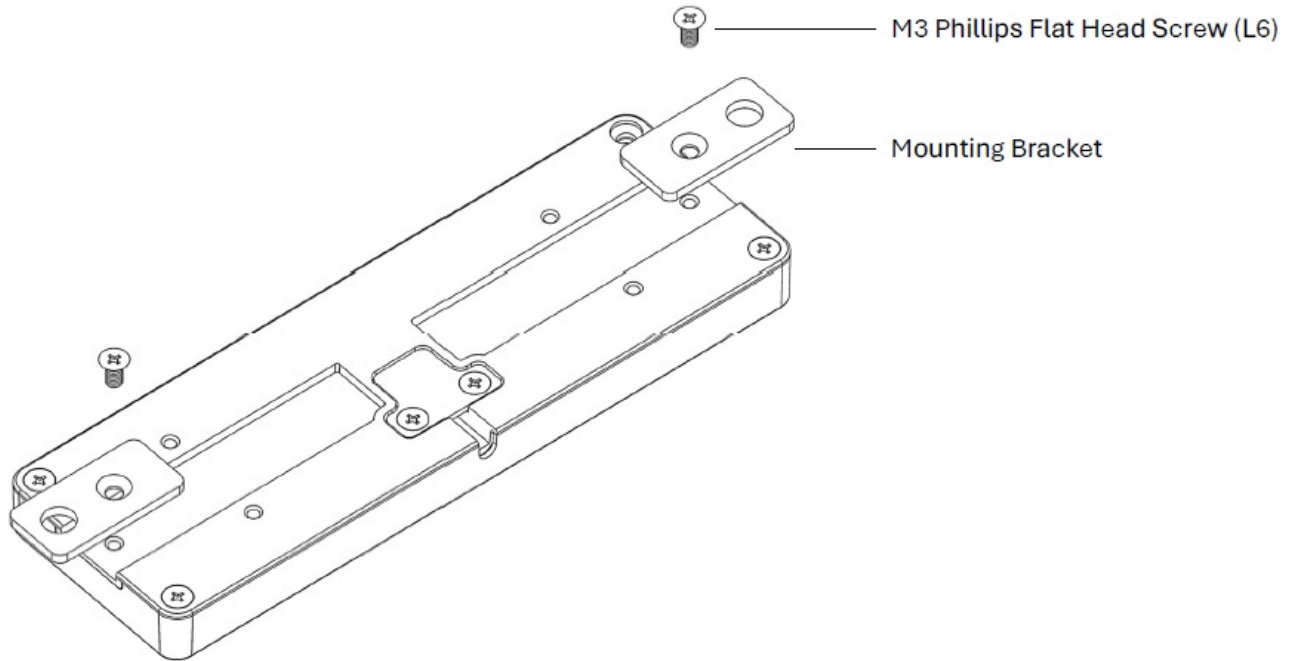
Power Hub:



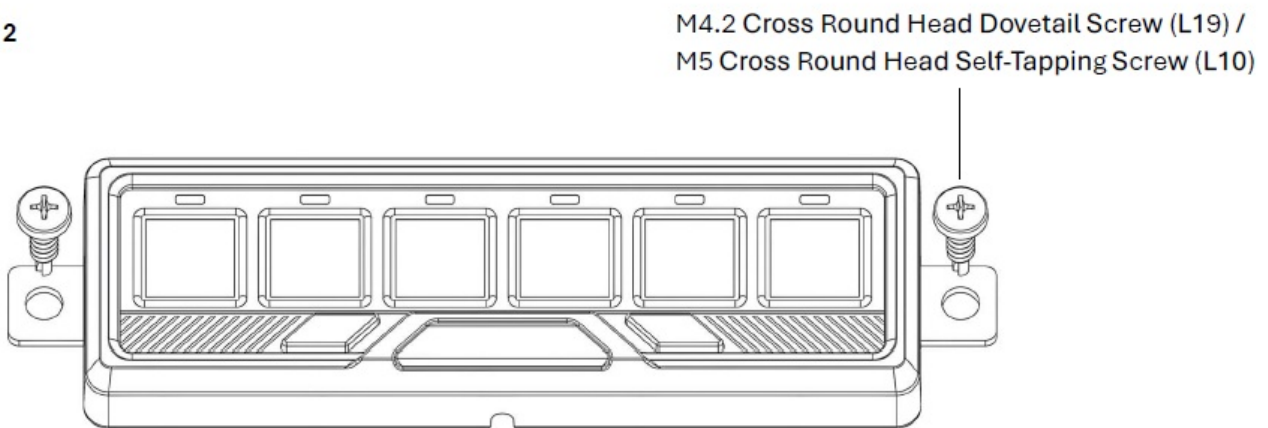
Mounting The Switch Panel

Option A – Fix Mount

1

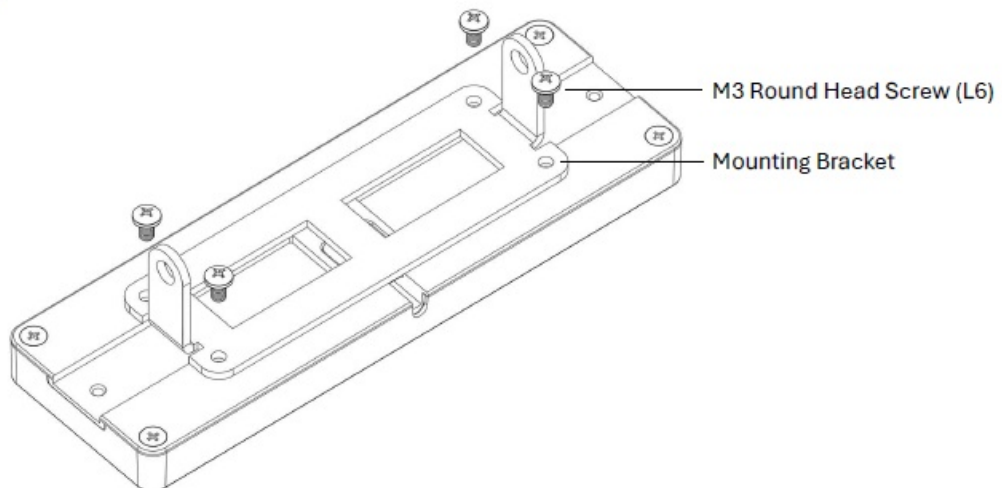


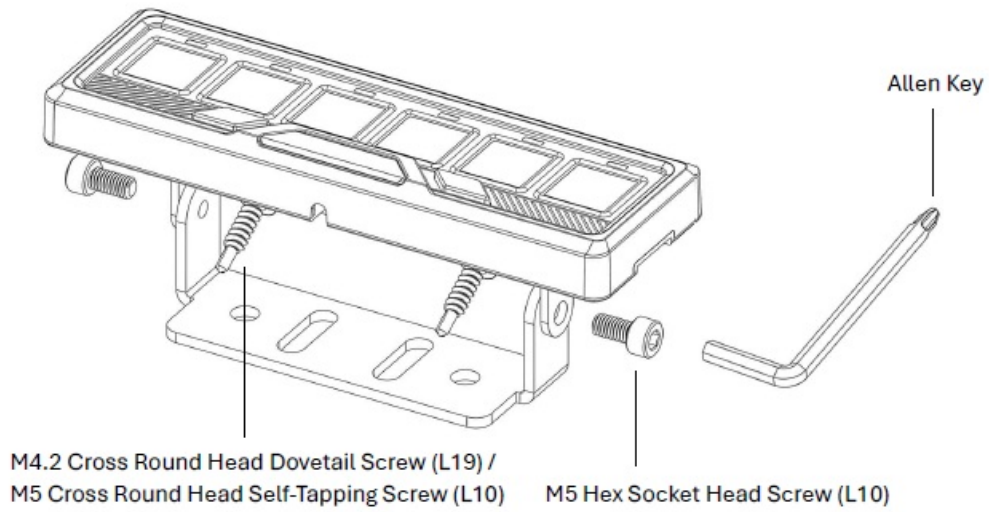
2



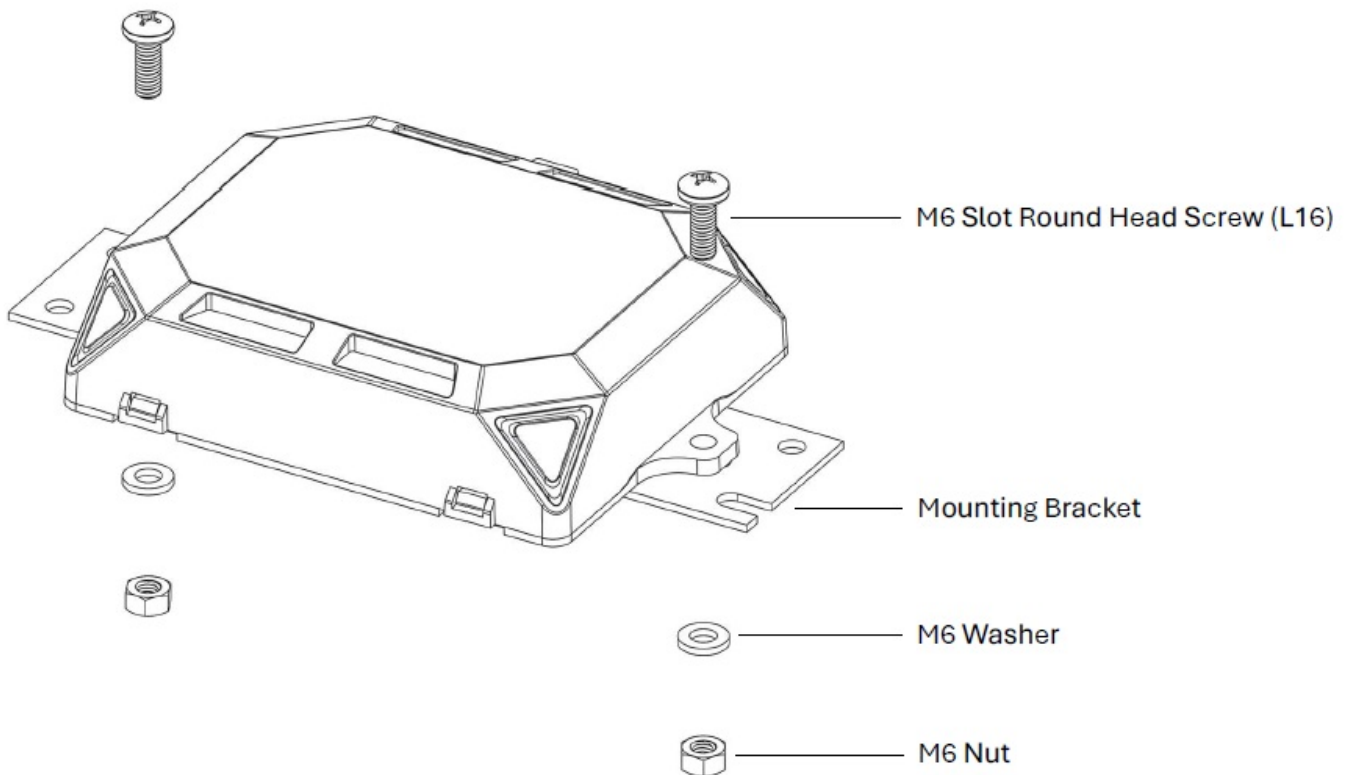
Option B – Angle Adjustable Mount

1



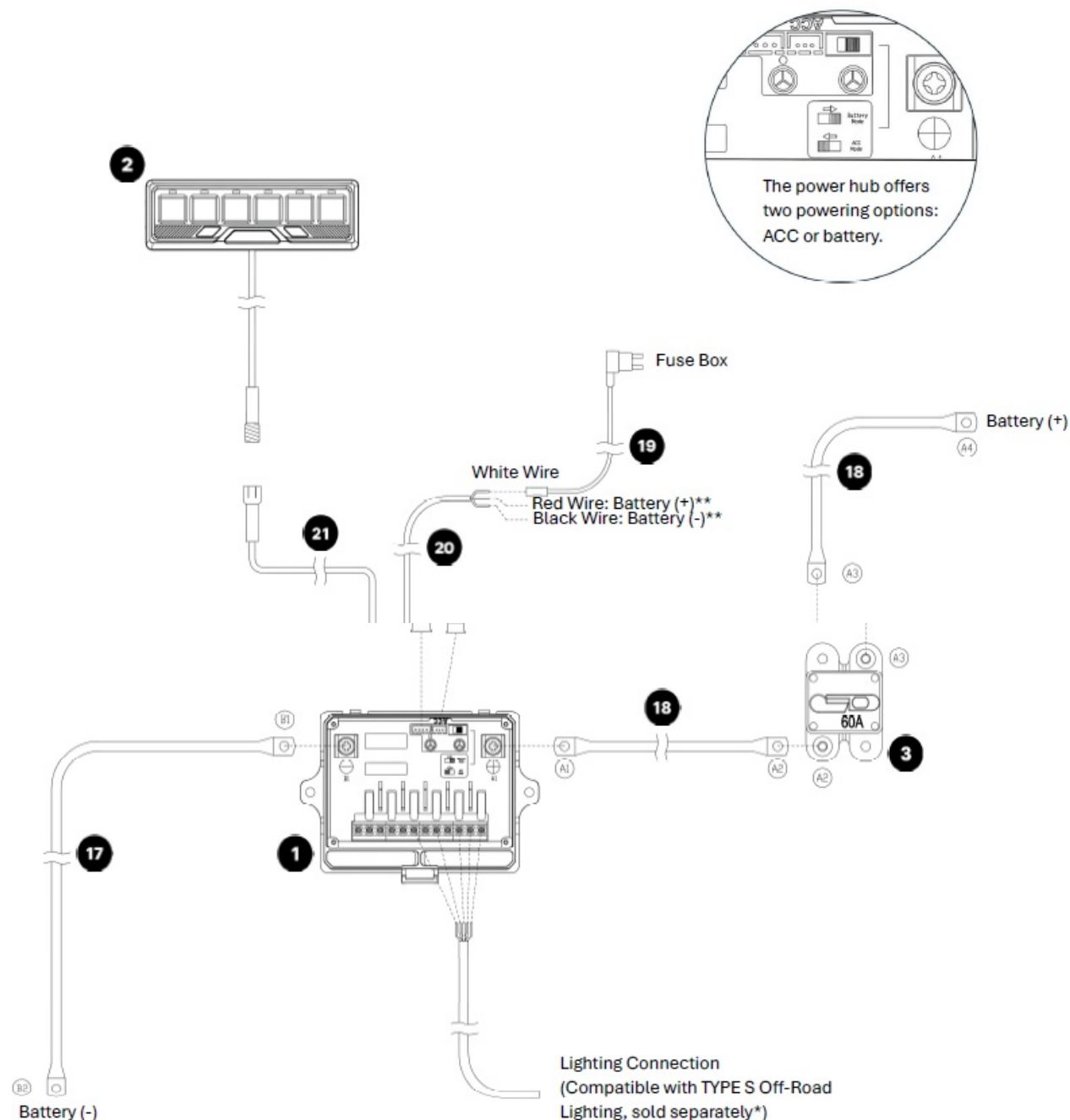


Mounting The Power Hub



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

WIRING



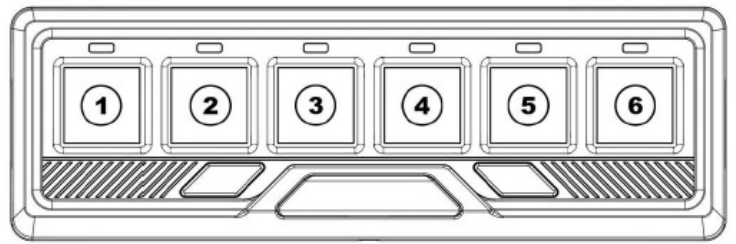
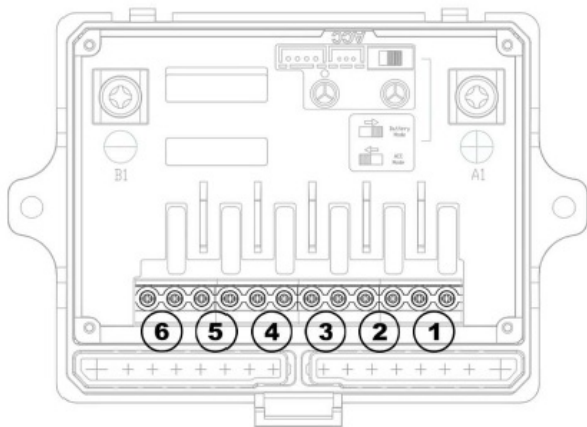
NOTE: Visit www.typesauto.com for more information on where you can purchase TYPE S Off-Road Lighting.

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

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:



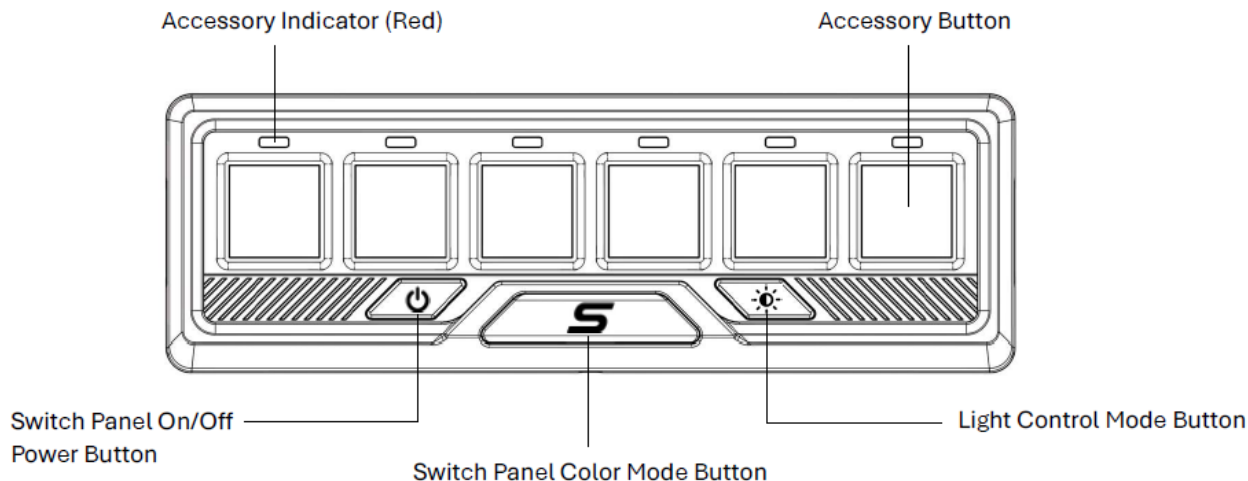
Circuit	Amps
1	30A
2	20A
3	20A
4	15A
5	15A
6	10A

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

Gradient / Jump / Breathing Colors

- Press and hold **S**
 - **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

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.

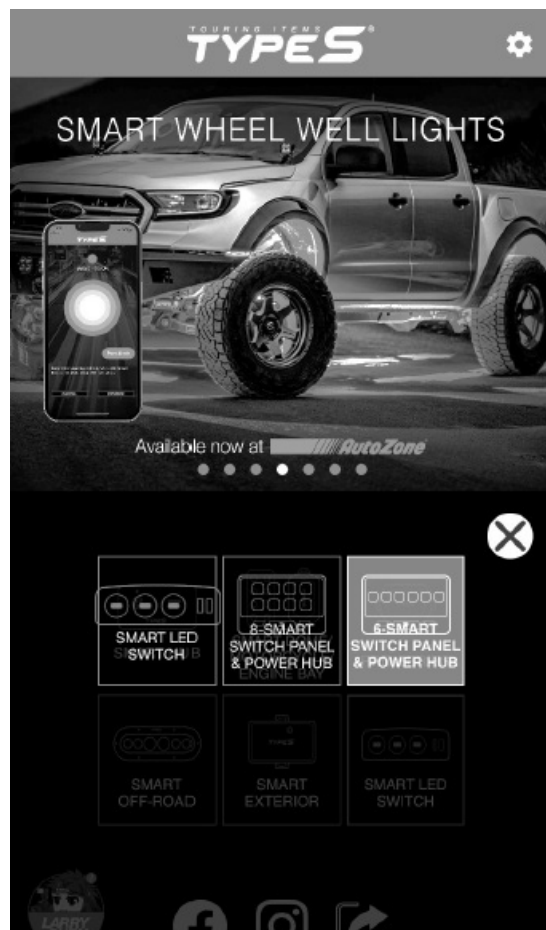
NOTE: Not all Android™ phones are equipped with Bluetooth® v4.2 required for this application.

CONNECTING THE APP

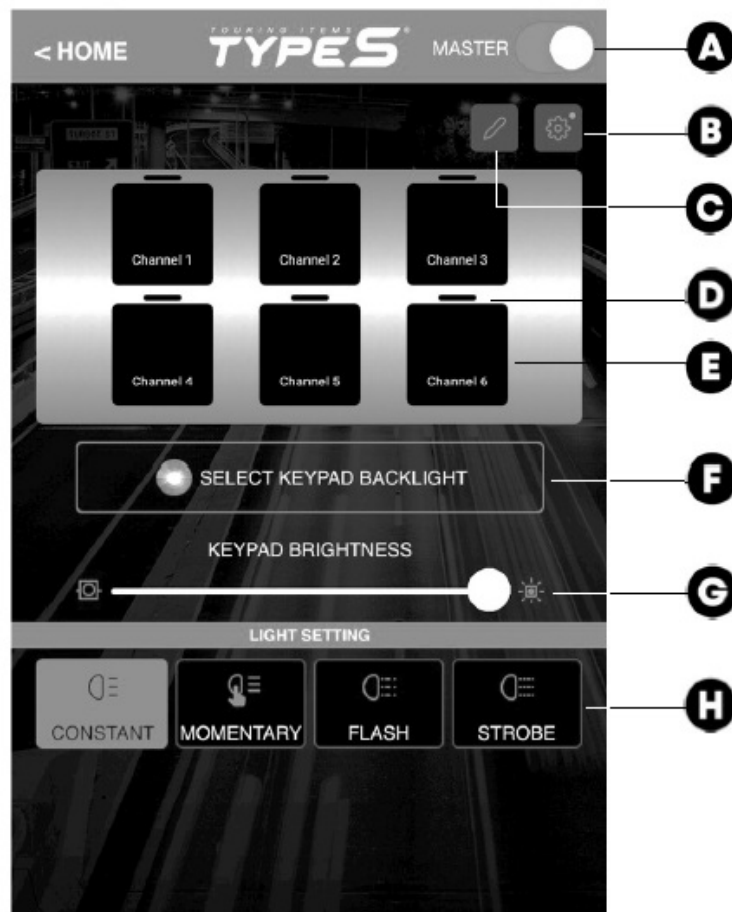
1. Select SMART LED SWITCH to begin.



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



USING THE APP



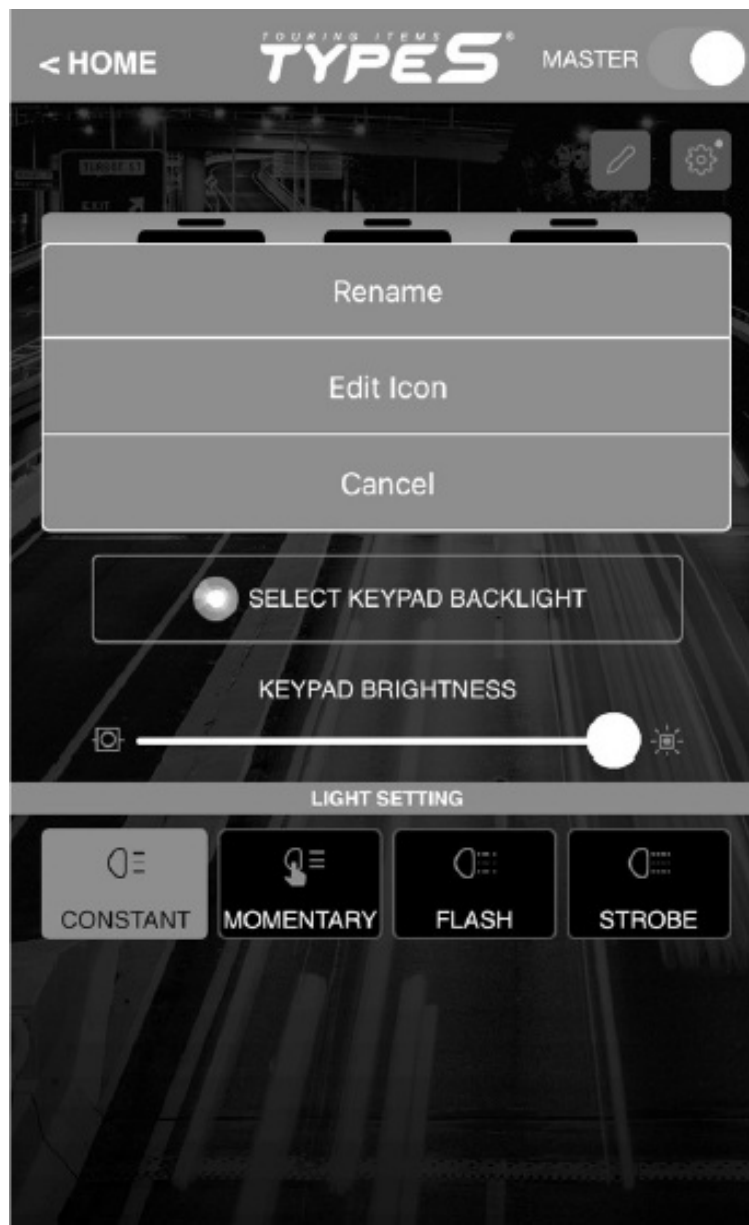
- Master On/OFF Switch

Toggle switch to turn all connected devices on or off.

- **Firmware Versions**

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





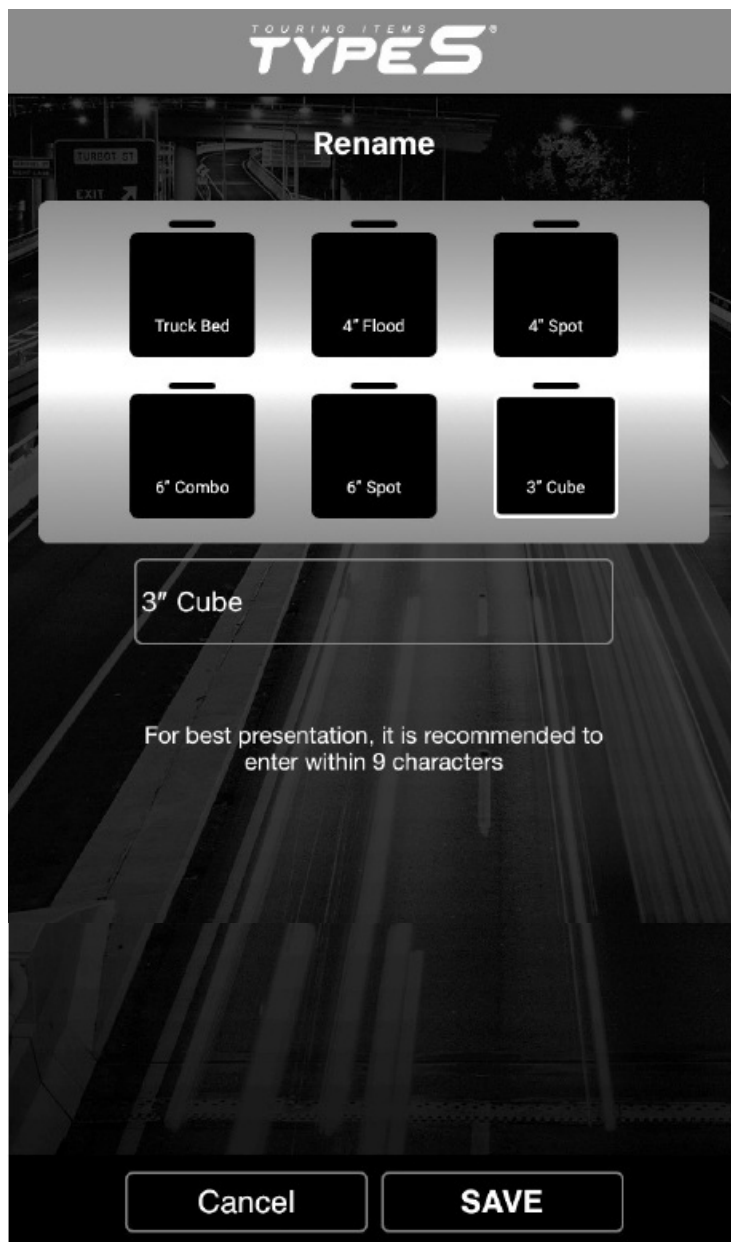
Device Configuration

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

- Rename
- Edit Icon
- Cancel

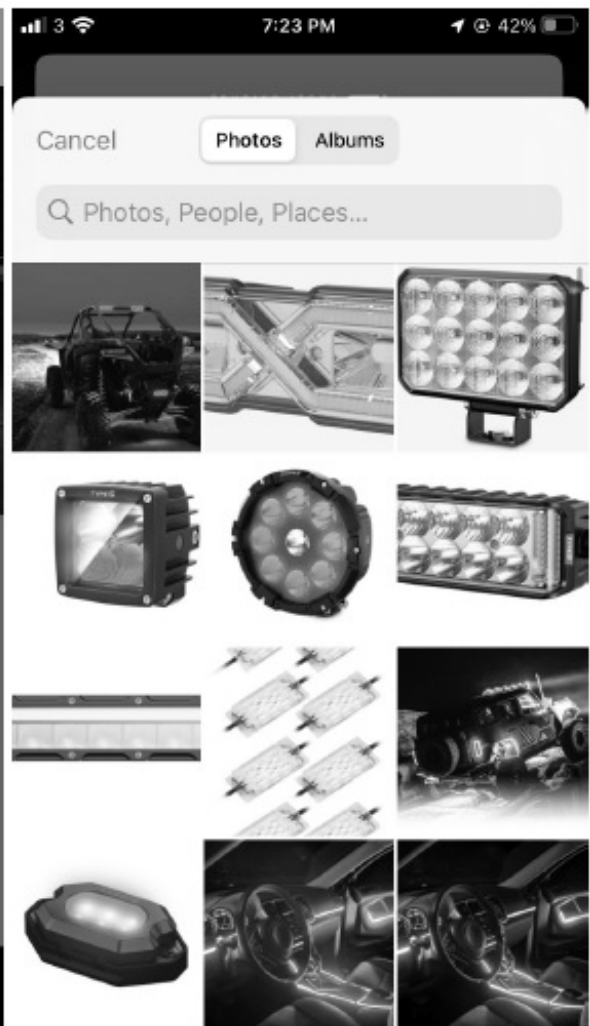
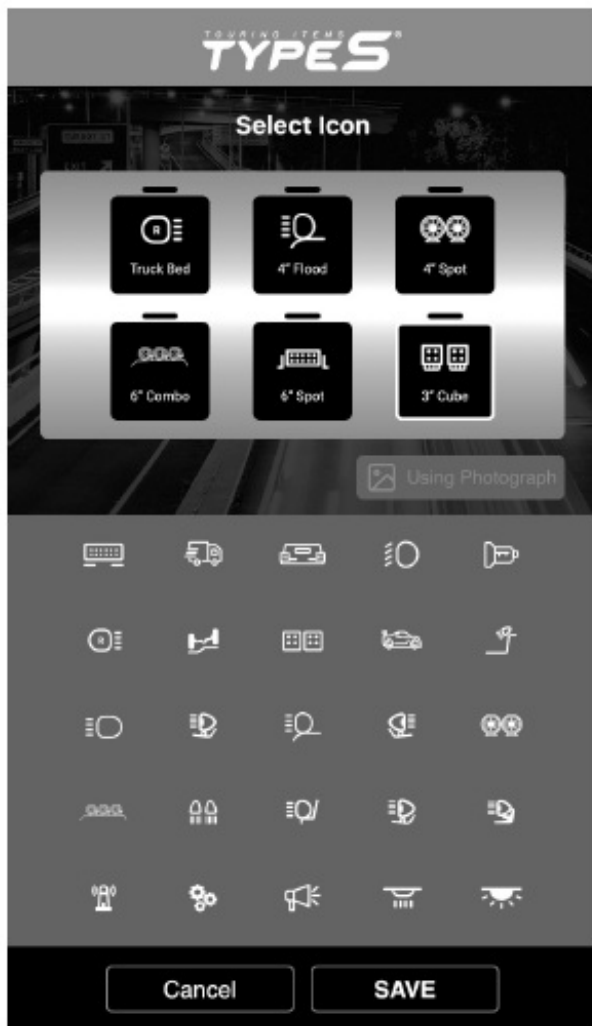
Rename Your Devices

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.



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.

- **Accessory Indicator**

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

- **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.



Select Keypad Backlight

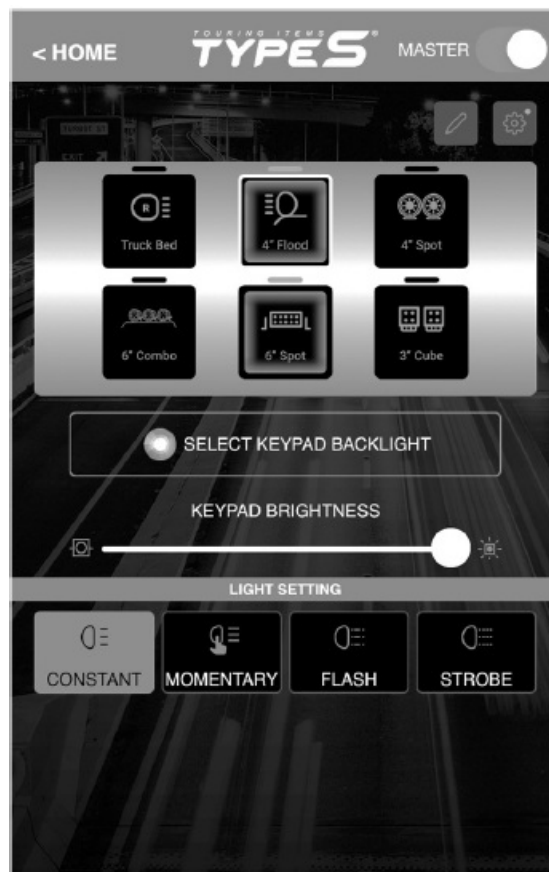
Choose your preferred keypad backlight color from the 49 existing presets.

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.



Keypad Brightness

Slide the bar to adjust keypad brightness.



Light Control Mode Setting

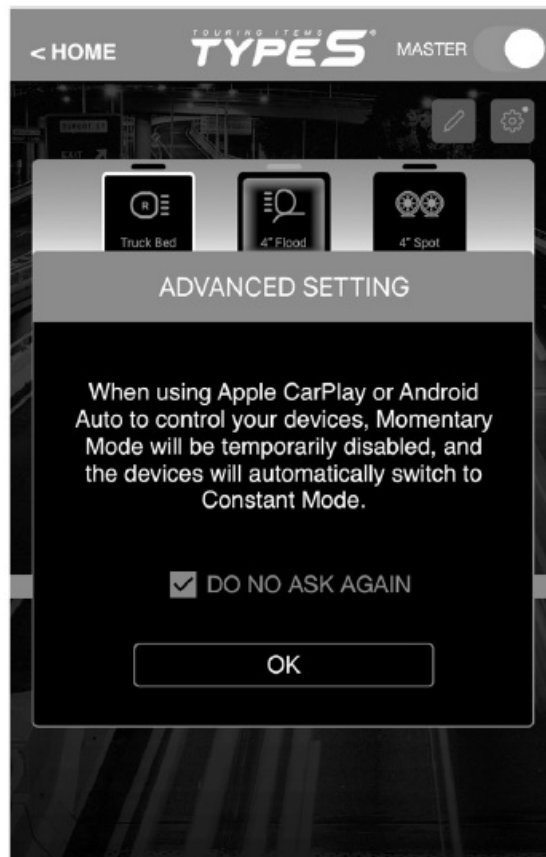
To change the light control mode, select the device you wish to adjust, then choose your desired mode.



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.

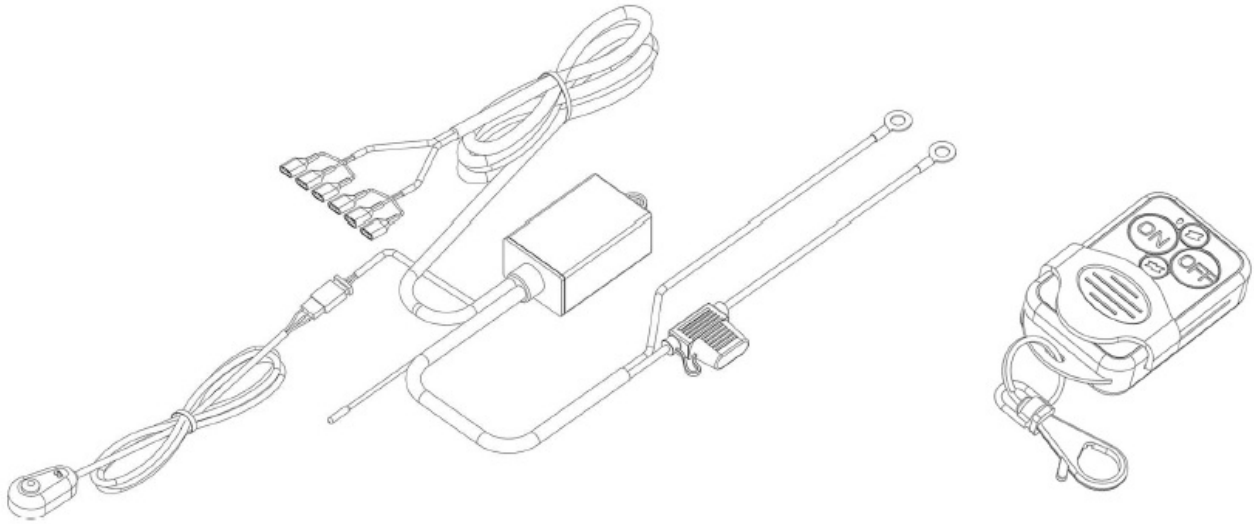
iPhone/iPad:

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 of 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.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Horizon Brands is under license. Other trademarks and trade names are those of their respective owners.


Android Auto, Google and Android are trademarks of Google LLC.
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
- 2975 Red Hill Ave., Ste. 100,
- Costa Mesa, CA 92626, U.S.A.
- Tel: 1.866.294.9244

A Horizon Brands Company

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- Costa Mesa, CA 92626, U.S.A.
- 1.866.294.9244
- info@typesauto.com
- ©2024 TYPE S. All rights reserved.
- www.typesauto.com
- Made in China

Documents / Resources

	TOURING ITEMS TYPES LM534403 6 Switch Control Panel and Power Hub [pdf] Instruction S LM534403 6 Switch Control Panel and Power Hub, LM534403, 6 Switch Control Panel and Power Hub, Control Panel and Power Hub, Panel and Power Hub, Power Hub, Hub
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References

- [P65Warnings.ca.gov](https://www.p65warnings.ca.gov)
- [TYPE S Auto](#)
- [User Manual](#)

