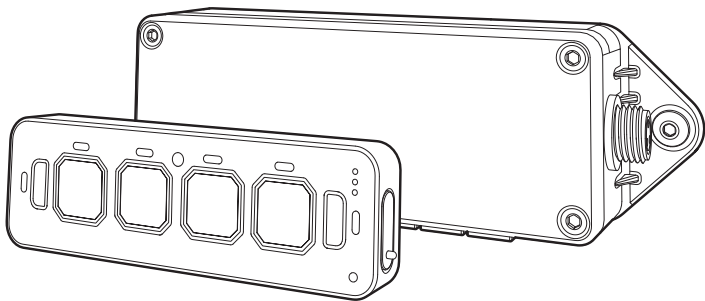


TOURING ITEMS
YPES

LYNX 3 AIR

POWER HUB & WIRELESS CONTROLLER

WP ITM. LM535521
Care & Use Instructions



Important, retain for future reference:
Read carefully

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WARNINGS

IMPORTANT SAFETY INSTRUCTIONS

1. **SAVE THESE INSTRUCTIONS** – This manual contains important safety and operating instructions.
2. Before using this product, read all instructions and cautionary markings.
3. Do not expose the bare wires to rain, moisture, or snow.
4. Use of an attachment not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.
5. Do not operate with damaged LYNX 3 Air – replace it immediately.
6. Do not operate the LYNX 3 Air if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceperson.
7. Do not disassemble the LYNX 3 Air; take it to a qualified serviceperson when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
8. To reduce risk of electric shock, disconnect the LYNX 3 Air before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.

WARNING: FAILURE TO FOLLOW THESE INSTRUCTIONS WHEN INSTALLING THE LYNX 3 AIR 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

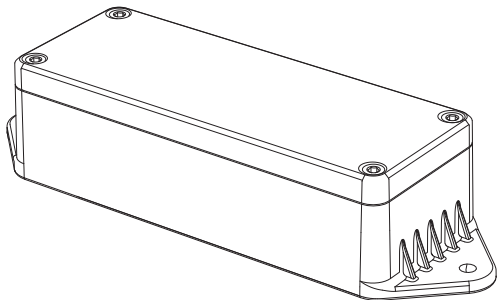
Keypad:

USB-C Input:	5VDC 0.8A
Power by Battery:	3.7VDC 1000mAh

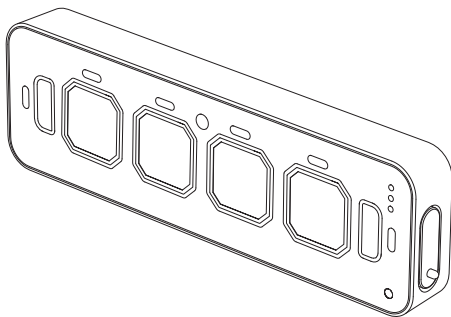
Control Hub:

Input Voltage:	12VDC
Output Voltage:	12VDC
Output Maximum Current:	40A

PACKAGE CONTENTS



1 x Control Hub

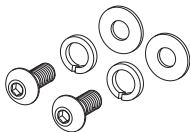


1 x Switch Panel/Keypad

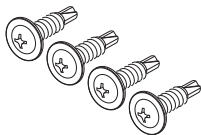
Installation Kit:



2 x M5 Button Head
Screws (L20)
2 x M5 Washers
2 x M5 Nuts



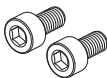
2 x M5 Button Head
Screws (L12)
2 x M5 Spring Washers
2 x M5 Washers



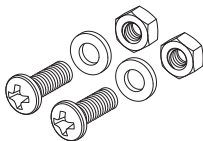
4 x M5 Tapping Screws (L20)



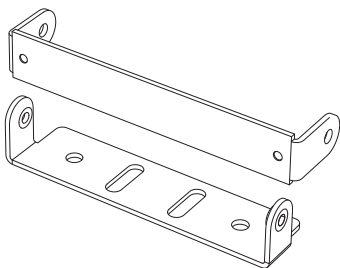
2 x M3 Flat Head Screws (L6)



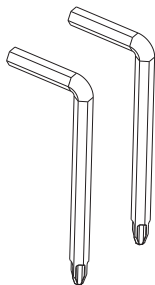
2 x M5 Hex Socket
Head Screws (L10)



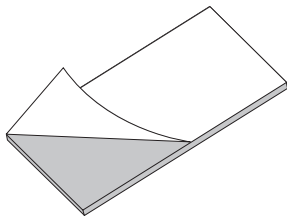
2 x M6 Round Head Screws (L15)
2 x M6 Washers
2 x M6 Nuts



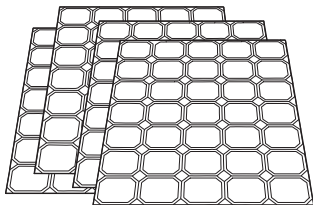
1 x Mounting Bracket Set



2 x Allen Keys

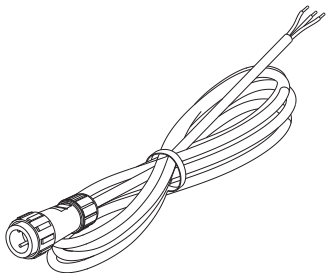


1 x 3M™ Double-Sided Tape

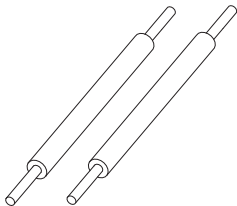


4 x Panel/Keypad Sticker Sheets
(140 Total Stickers)

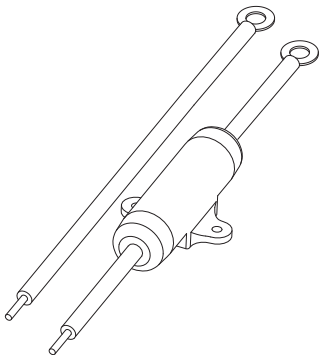
Power Connection Kit:



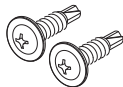
1 x ACC Power Cable



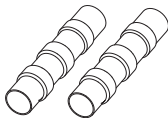
2 x 10AWG Red Hardwire Cables
2 x 10AWG Blue Hardwire Cables
2 x 10AWG White Hardwire Cables
2 x 10AWG Black Hardwire Cables



1 x 8AWG Black Hardwire Cable
1 x 8AWG Red Hardwire Cable
(With 40A Fuse)

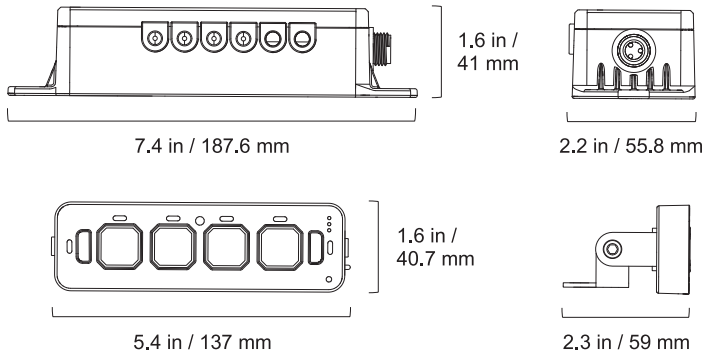


2 x M4 Tapping Screws (L16)



8 x Heat Shrink Tubes

DIMENSIONS



BEFORE INSTALLATION

1. Plan Wiring Routes
 - Map out the wiring paths to ensure neat and safe installation, avoiding sharp edges and hot surfaces. This helps you determine how much wiring you need.
2. 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.
3. Observe Electrical Ratings
 - This control hub has specific voltage and amperage ratings for power input. DO NOT exceed these ratings. Install only in a vehicle with a properly functioning electrical system.
 - The user is responsible for connecting compatible 12V accessories to the hub. The hub is designed to power only 12V DC automotive accessories within the specified amperage ratings. Do not connect malfunctioning or damaged accessories.

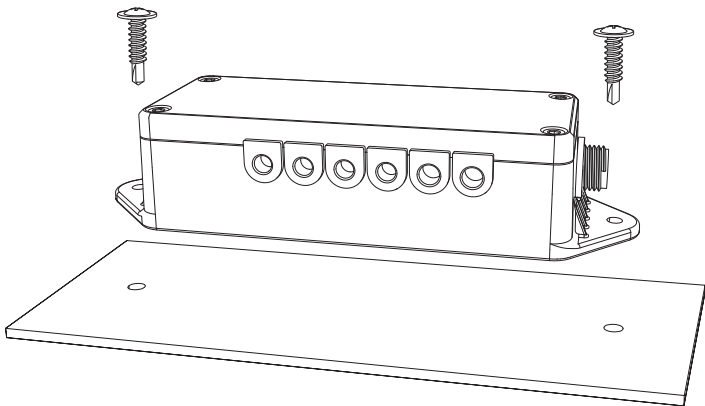
INSTALLING THE CONTROL HUB

1. Disconnect the vehicle's negative (-) battery terminal before beginning installation.
2. Select a solid, well-ventilated mounting location (see pages 13-14). Keep away from exhaust components, turbochargers, catalytic converters, engine manifolds, and other high-heat sources.
3. Mark two spots for the pilot holes. Make sure drilling will not damage anything underneath.
4. Drill the holes with a 13/64 inch drill bit.

Then, depending on your mounting surface, do **one of the following**:

Option 1:

5. Align the control hub and secure it with the M5 tapping screws (L20).

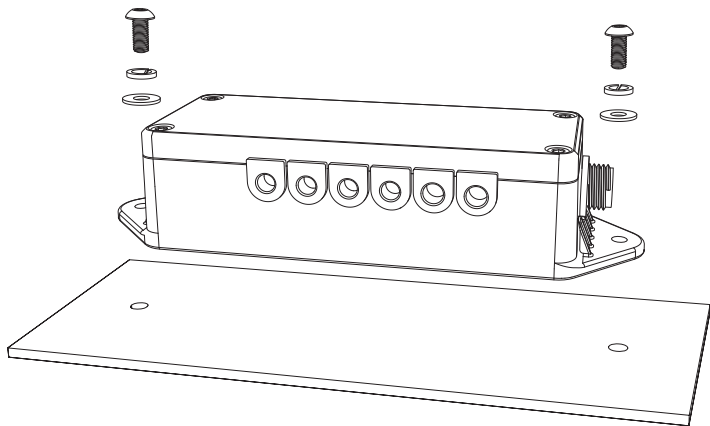


Option 2:

5. Align the control hub and secure it with the M5 button head screws (L12), spring washers, and washers.

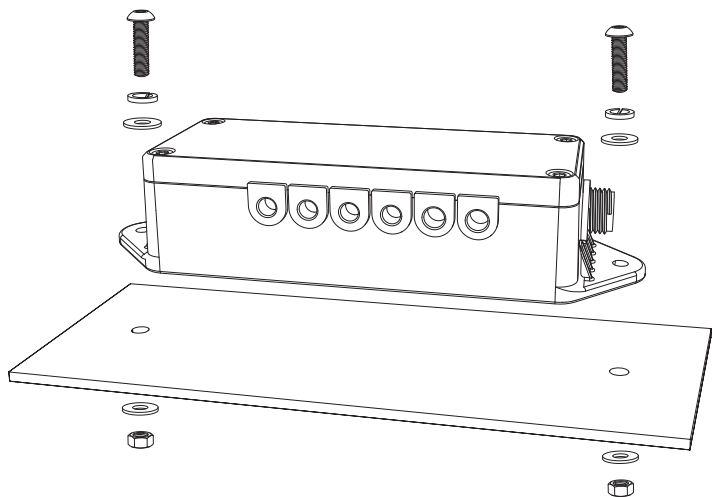
NOTE: The LYNX 3 Air Control Hub is designed for universal installation across a wide variety of vehicle applications. For select vehicles, TYPE S offers compatible bumper light brackets with integrated mounting provisions for the control hub (sold separately):

- 2014-2021 Toyota Tundra Bumper Light Bracket (MXTT14-21B-1)
- 2021+ Ford Bronco Bumper Light Bracket (MXFB21-26B-1)



Option 3:

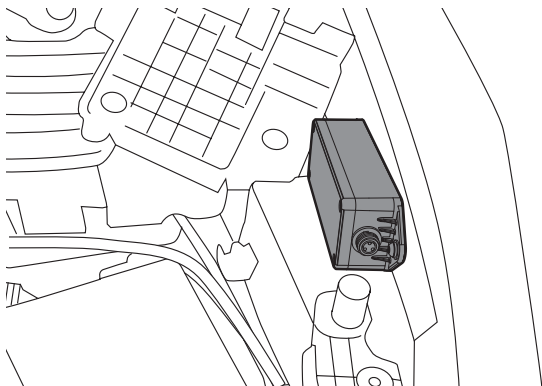
5. Align the control hub and secure it with the M5 button head screws (L20), spring washers, washers, and nuts.



Recommended Mounting Locations

Option 1:

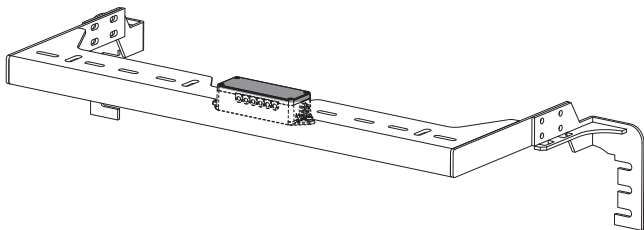
Engine Bay



CAUTION: Do not mount the control hub in areas exposed to direct exhaust heat, standing water, high-pressure wash spray, or moving suspension components.

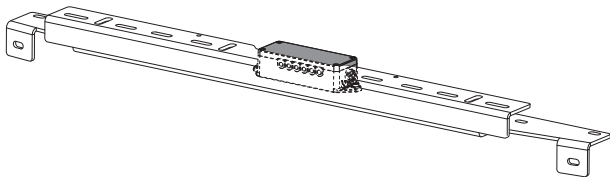
Option 2:

2014-2021 Toyota Tundra Bumper Light Bracket (MXTT14-21B-1, sold separately)



Option 3:

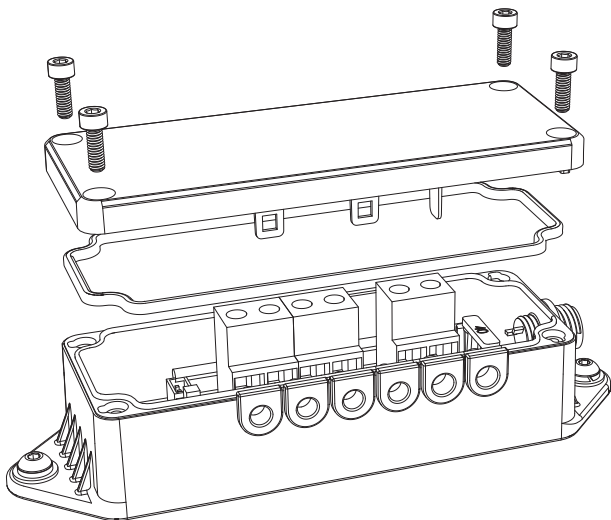
2021+ Ford Bronco Bumper Light Bracket (MXFB21-26B-1, sold separately)



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

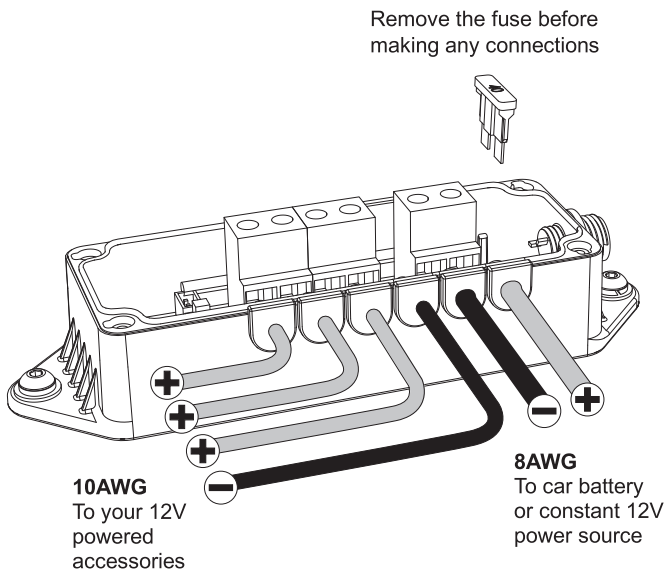
WIRING THE CONTROL HUB

1. Unscrew the lid and remove the O-ring.



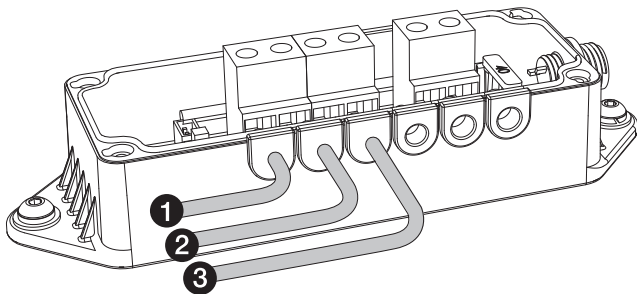
2. Remove the 40A fuse before making any connections.
3. Connect the hardwire cables to the control hub as shown in the illustration.
4. If you need to extend the wire length, use the heat shrink tubes to join the extension wires to the existing wires.
5. Reassemble the internal components and secure the lid.
6. Connect the 10AWG hardwire cables to your 12V accessories*.

NOTE: Use appropriately sized ring terminals, connectors, and wiring accessories rated for the intended current load.



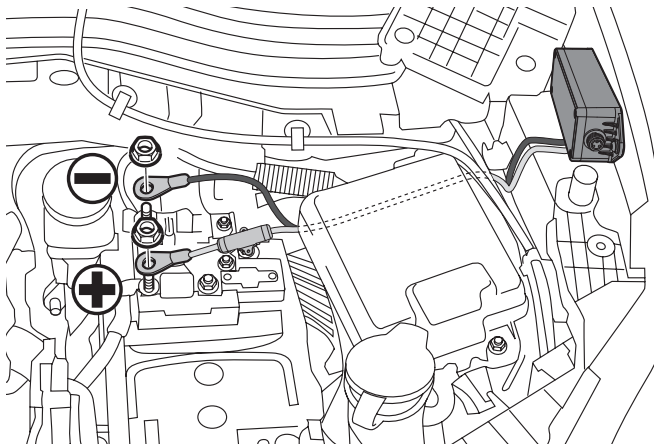
***CAUTIONS:**

- Each of the three channels has a maximum load rating, and your device should not surpass this limit.
- The control hub supports a maximum combined load of 40A across all channels. Individual channel ratings indicate the maximum load allowed on that specific channel; however, the total load of all connected accessories must never exceed 40A.



Channel	Max. Load Rating (Amps)	Wire Color Coding (10AWG)
1	20A	Red
2	20A	Blue
3	40A	White

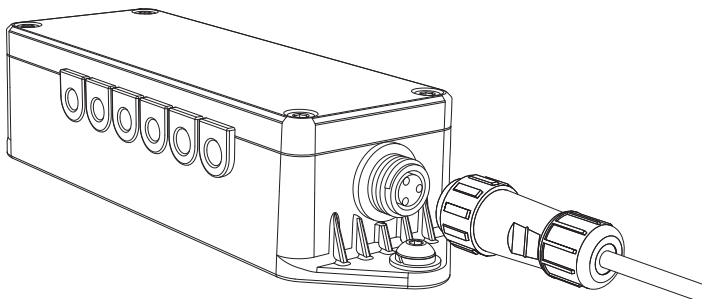
7. Connect the ring terminals of the two 8AWG hardwire cables to your car battery:



Hardwire cables are color-coded, **RED** for POSITIVE (+) and **BLACK** for NEGATIVE (-). Connect the **RED** cable to the POSITIVE (+) battery post. The POSITIVE post is slightly larger than the NEGATIVE post, and is marked with a PLUS (+) sign. It may also have a **RED** plastic protective cover. If needed, secure the fuse on the **RED** cable to a surface using the M4 tapping screws. Then, connect the **BLACK** cable to the NEGATIVE (-) battery post. The NEGATIVE post is marked with a MINUS (-) sign. It may also have a **BLACK** plastic protective cover.

WARNING: DO NOT mix up the cables or allow the metal ends to touch each other, as this may damage the battery, charging system, and/or electronics on your vehicle. When installing, make sure the battery is disconnected. Do not connect or disconnect wiring while the fuse is installed or while the battery is connected.

NOTE: The control hub has a small parasitic draw while connected to vehicle power. If the vehicle will be stored for more than two weeks, remove the fuse or connect a battery maintainer.



3-Pin Connectors

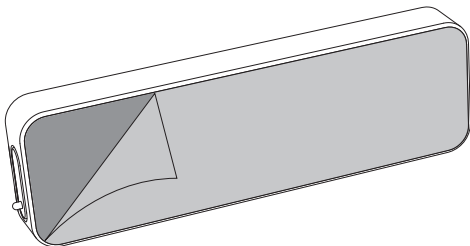
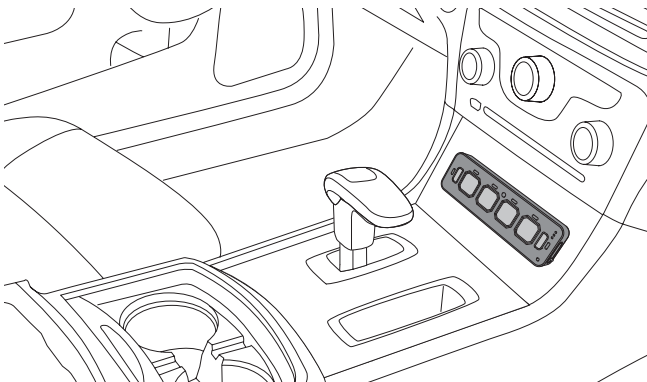
8. Insert the 3-pin connectors of the ACC power cable* into the control hub. Make sure the connection is secure.
9. Connect the hardwire ends of the cable to their designated terminals: **RED** to POSITIVE (+) battery terminal, **BLACK** to NEGATIVE (-) battery terminal, and **WHITE** to ACC power source.

***NOTES:**

- The ACC input enables ignition-controlled operation. When connected to a switched 12V source, accessories on the control hub can automatically power on and off with the vehicle ignition.
- The control hub has built-in undervoltage protection. It prevents the car battery from draining in case an accessory controlled by the hub is accidentally left on.
- Accessories connected to the control hub may temporarily become unavailable while undervoltage protection is active.
- The control hub will enter sleep mode when the voltage drops to approximately 12V. Once in sleep mode, do not turn on the control hub until you start the engine again or until the battery is recharged to 13.2V or higher.
- **RED** and **BLACK** wires of the ACC cable must be connected to activate this feature.

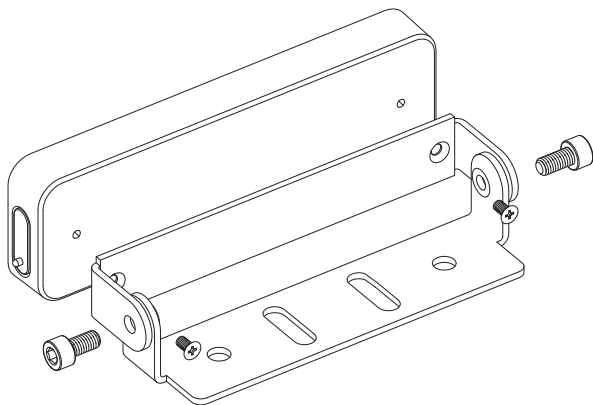
INSTALLING THE KEYPAD

Option 1 – Mounting with 3M™ Double-Sided Tape

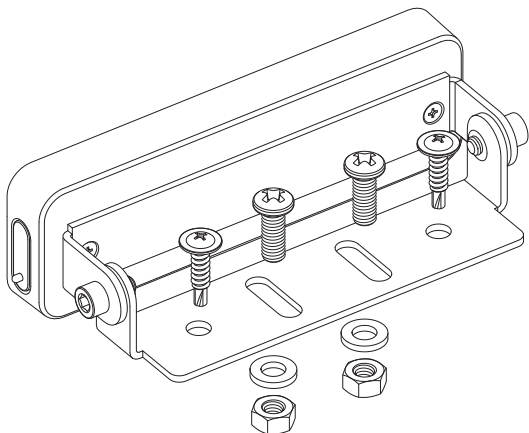


1. Select an appropriate location for the keypad, preferably on any flat interior panel near the driver's seat or center console.
2. Attach the keypad using the 3M™ double-sided tape.

Option 2 – Mounting with Screws

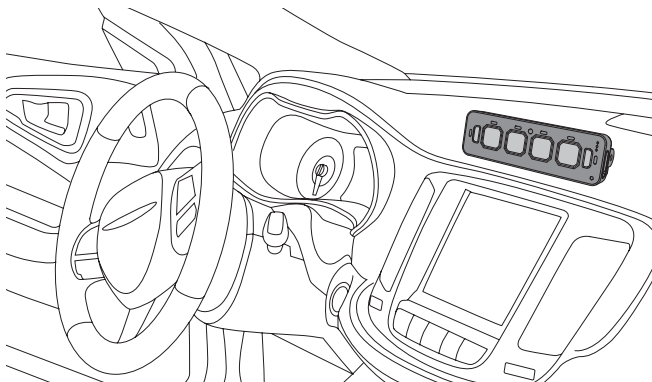


1. Select an appropriate location for the keypad, preferably on the top of the dashboard. Make sure the keypad does not obstruct your view once installed.
2. Assemble the mounting brackets with the M5 hex socket head screws. Leave it slightly loose for final adjustments.
3. Align the keypad with the mounting brackets, and secure it with the M3 flat head screws.



4. Mark two spots for the pilot holes. Make sure drilling will not damage anything underneath.
5. Drill the holes with a 13/64 inch drill bit.
6. Secure the keypad assembly to the surface using either the M5 tapping screws (L20) OR the M6 round head screws with washers and nuts.

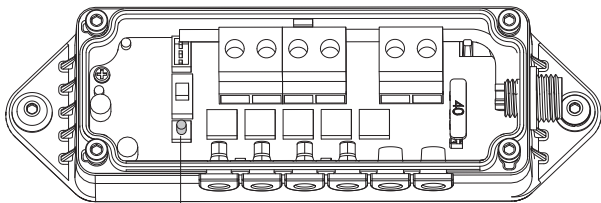
7. Tighten all screws and check that all components are secure.



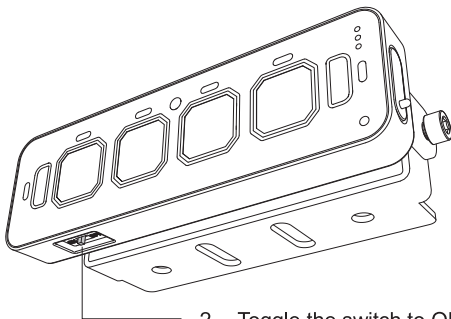
NOTE: Before permanently mounting the keypad, verify wireless communication with the control hub and confirm all channels operate correctly.

USING THE KEYPAD

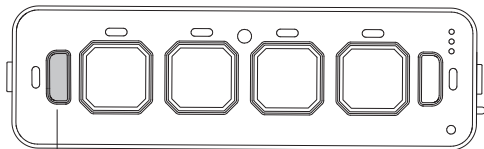
Pairing The Keypad With The Hub



1. Press and hold the pairing button on the control hub for 3 seconds. The hub's LED indicator will start flashing.

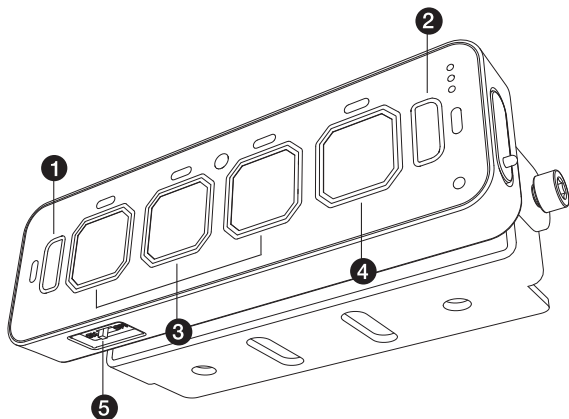


2. Toggle the switch to ON.



3. Press the on/off button once to turn the keypad OFF (if it isn't already), then press and hold it again for 2 seconds. The hub's LED indicator will turn off to confirm pairing.

Keypad Button Functions



Button	Behavior	Function
1. On/Off Button	Press Once	Turn keypad on/off
	Press & Hold for 1.5 Sec	Activate battery indicators (only for 10 sec)
	Press & Hold for 4 Sec	Turn keypad backlight on/off
2. Mode Button	Press Once	Change keypad backlight colors
	Press & Hold for 3 Sec	Enter programming settings
	Press & Hold for 5 Sec	Reset to factory default
3. Channel Button	Press Once	Turn corresponding channel on/off
	Press Once	Change light modes (in programming settings)
4. Strobe Button	Press Once	Switch all active output channels to strobe mode
5. Master Switch	Press Once	Power keypad on/off

Keypad Programming

1. Press  to turn on the keypad.
2. Press and hold **MODE** for 3 seconds until the indicator lights flash to enter programming settings.
3. Press the channel button you want until the indicator light above it shows the color of your desired mode:
 - **Constant Mode:** Red Indicator Light
 - **Momentary Mode:** Blue Indicator Light
 - **Flash Mode:** Purple Indicator Light
4. After configuring the three channels, press  to save and exit programming.

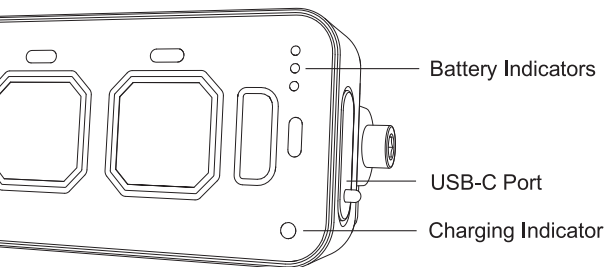
Instant Strobe

Press the strobe button to immediately set all active output channels to strobe mode.

NOTE: Channels that are inactive will keep their previous settings.

Changing Keypad Backlight Colors

1. Press **MODE** to cycle through the color options:
 - Red > Orange > Yellow > Green > Cyan > Blue > Purple > White > Fade > Breathing Fade
2. Press and hold  for 4 seconds to toggle the backlight on or off. Turning off the backlight does not affect output.



Checking The Keypad's Battery Level

Press and hold  for 1.5 seconds, and the battery indicators will light up to show the current charge level.

Charging The Keypad

Connect a USB-C charging cable (not included) to the keypad's USB-C port. Connect the other end to a power source.

The charging indicator will remain red while charging and turn green when fully charged.

NOTE: Fully charge the keypad before first use. To preserve the battery life and performance, check the battery status regularly. Charge when needed.

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 LYNX 3 AIR. 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 LYNX 3 Air. 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 LYNX 3 Air, 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 LYNX 3 Air. 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.

LYNX 3 Air
Power Hub & Wireless Controller
LM535521
Responsible Party:
TYPE S
2975 Red Hill Ave., Ste. 100,
Costa Mesa, CA 92626, U.S.A.
Tel: 1.866.294.9244

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Ford Bronco is a registered trademark of Ford Motor Company. Horizon Brands is not associated with Ford Motor Company. These terms are used in this manual for identification purposes only.

3M™ is a registered trademark of 3M Company.



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2975 Red Hill Ave., Ste. 100,
Costa Mesa, CA 92626, U.S.A.
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