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PROJECT X GB538824 Ghost Box Keypad Instruction Manual

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PROJECT X GB538824 Ghost Box Keypad

Product Information

Model No.: GB538824

Technical Specifications:

- **Includes**:
    - 1x KEYPAD
    - 1x Keypad Mount
    - 2x M5 Truss Head Self-Tap Screws
    - 1x 4mm Hex Allen Key
    - 2x M6 Washers
    - 2x M6 Split Nuts
    - 2x M6 Nuts
    - 2x M6 Bolt Rubber Caps
    - 1x Accessory Labels (4pcs a set)
    - 1x 3M VHBTM Double Sided Tape
    - 1x RJ45 Power Cord
    - 5x PROJECT X Stickers
- **Mounting:**
    - M6 Washer
    - M6 Spring Washer
    - M6 Nut
    - M6 Bolt Rubber Cap
- Maximum Torque for M6 Nut: 30 in/lbs, 2.5 ft/lbs, 3.38 Nm

Product Usage Instructions

Option 1 – Mounting with screws:

1. Attach the Keypad Mount using the provided M5 Truss Head Self-Tap Screws.
2. Use the 4mm Hex Allen Key to tighten the screws, ensuring not to exceed the maximum torque specified.

Option 2 – Mounting with 3M VHBTM double-sided tape:

1. Peel off the backing of the 3M VHBTM double-sided tape.
2. Attach the Keypad Mount to the desired location using the tape, pressing firmly to ensure proper adhesion.

Wiring:

WARNING: Before installation, disconnect the negative terminal on the vehicle's battery. Take caution to prevent the wires or metal ends from coming into contact with each other to
avoid damage to the product, vehicle battery, charging system, and electronics.

1. Route the RJ45 power cord through the firewall into the engine compartment.
2. Hardwire the power cord to the vehicle battery following the provided diagram:

Wire Connection:

- Red Wire = Positive (+) Post
- Black Wire = Negative (-) Post
- Yellow Wire = ACC / Ignition Fuse

Note: Installation methods may vary depending on year, make, and model. Professional installation is highly recommended.

Button Functions:

Button	Functions	BLE Status
Press Once	Standby Mode	No action. Only indicating the button is working.
Press Once (Paired Status)	Mode switching (3 modes + Off mode)	On
Press and Hold for 3 Sec	Pairing	Blinking (0.25sec.)
Press and Hold for 8 Sec	1. Unpairing button 2. Manual reset of the Ghost Box 3. Repairing as needed	Off
Press and Hold the #5 and #8 key for 6 Sec	Reset	Off

Downloading the PROJECT X Off-Road App:

The PROJECT X Off-Road App is compatible with iPhone 4s and higher, iPad3, iPad Mini, iPad Air and higher, and iPod touch 5th Generation and higher. It requires iOS 9.0 or higher. It is also compatible with phones with AndroidTM 5.0 or higher.

To download the App:

- Scan the provided QR code or search for "PROJECT X Off-Road" in the App Store or Google Play Store.
- Download and install the App on your smartphone.
- Launch the App and login or create a new account to access all the additional features of your Ghost Box Keypad.

Note: The PROJECT X Off-Road App is not accessible from browsers or PCs.

Adding the Keypad to the App:

1. Connect a battery charger to the vehicle during the setup and pairing process if the vehicle is not running.
2. Follow these instructions to add the Keypad to the App:
    1. Tap "ADD DEVICE" on the home page of the App.
    2. Tap "GHOST BOX SYSTEM".
    3. The App will search for nearby devices. Select the Keypad and tap "ADD".

For further assistance, contact:

- **Email: info@projectxoffroad.com**
- **Phone:** (866) 294-9244
- **Hours:** Mon-Sat 8am-5pm PST

Important safety Information

- SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions.
- Before using this product, read all instructions and cautionary markings.
- Use of an accessory outside of amp rating could result in fire, electric shock or failure. Professional installation is highly recommended.
- Do not expose the Keypad to rain, moisture, or snow.
- Do not operate or disassemble the Keypad if it has been dropped, received a sharp blow, or otherwise damaged in any way – replace it immediately.
- To reduce risk of damage or electric shock, disconnect the Keypad from the vehicle battery before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.

Technical Specifications

- **Input Voltage (Nominal):** 12V DC
- **Output Voltage (Nominal):** 12V DC
- **Operating Voltage Range:** 11.6V – 14.7V DC
- **Maximum Power Consumption:** 0.84W @ 12V DC

- **Operating Temp:** -22°F to 149°F
- **Storage Temp:** -40°F to 185°F
- **Wireless Frequency**: 2.4GHz RF WiFi & Bluetooth 5.0
- **Wireless Range (RF WiFi):** 98.4 Feet (without interference or obstruction) Wireless Range (Bluetooth®): 33 Feet (without interference or obstruction)

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by ADC Solutions Offroad & Adventure, LLC is under license. Other trademarks and trade names are those of their respective owners.
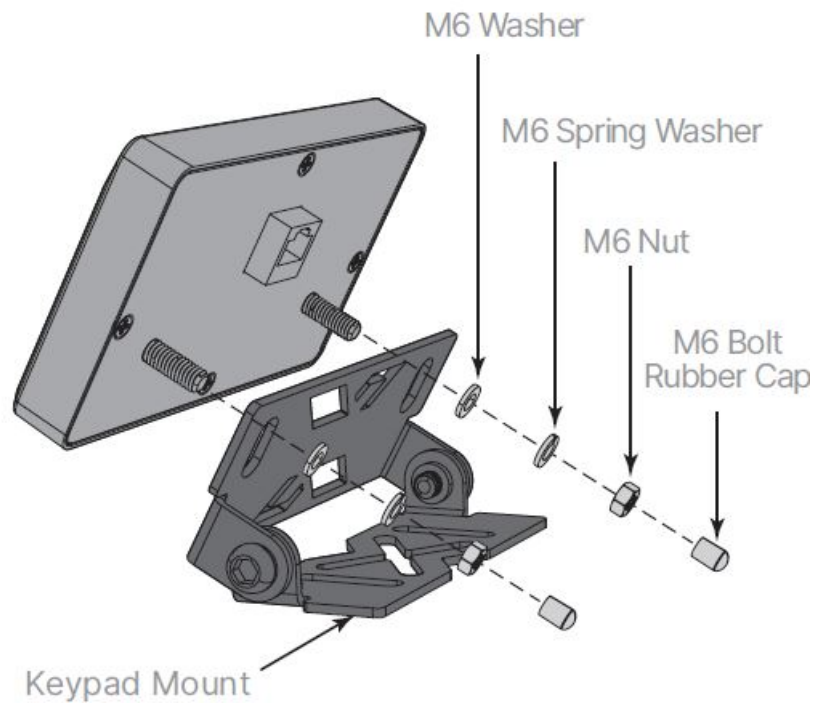
INCLUDES

- 1x KEYPAD
- 1x Keypad Mount
- 2x M5 Truss Head Self-Tap Screws
- 1x 4mm Hex Allen Key
- 2x M6 Washers
- 2x M6 Split Nuts
- 2x M6 Nuts
- 2x M6 Bolt Rubber Caps
- 1x Accessory Labels (4pcs a set)
- 1x 3M VHB™ Double Sided Tape
- 1x RJ45 Power Cord
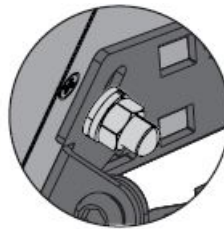- 5x PROJECT X Stickers

mounting

Option 1 – Mounting with screws

- Choose a suitable mounting location for the Keypad (preferably on the top of the dashboard or center console). Make sure the Keypad does not block your view after mounting.
- Mount the Keypad to the Keypad Mount using the M6 Nuts, Washers, Spring Washers, and Bolt Rubber Caps.

M6 Washer

M6 Spring Washer

M6 Nut
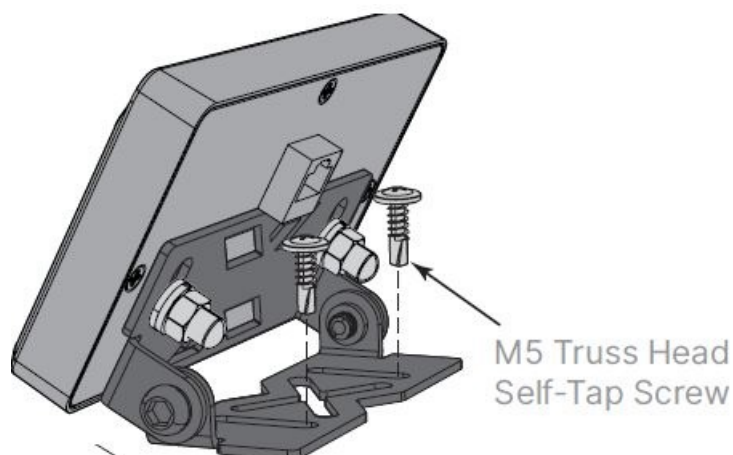
M6 Bolt
Rubber Cap
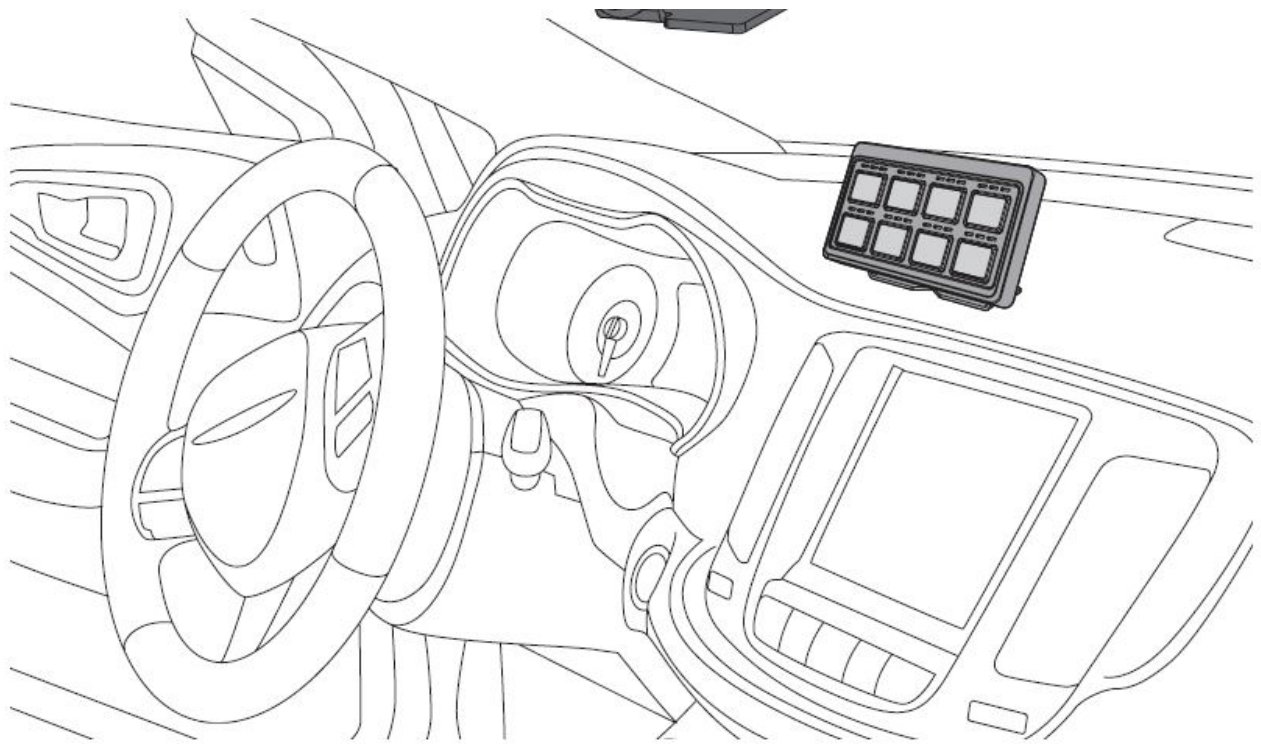
Keypad Mount

- **Maximum Torque for M6 Nut:**
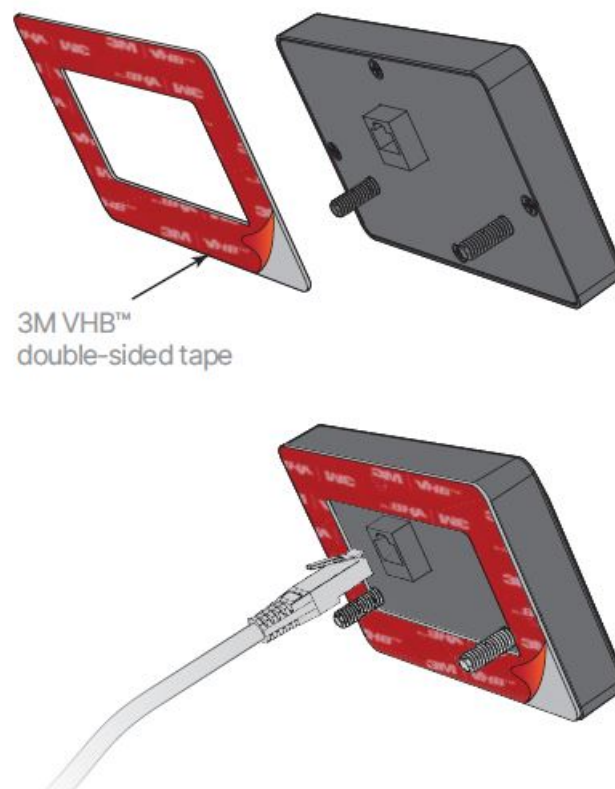   - 30 in/lbs
    - 2.5 ft/lbs
    - 3.38 Nm

- **NOTE:** Do not exceed the maximum torque in order to avoid overtorque.
- Mark two holes on the surface of your desired mounting location for a precise installation and make sure nothing beneath will be damaged by drilling. Drill 2 pilot holes using a 13/64 inch drill bit.
- Mount the Keypad with Keypad Mount on the surface using the M5 Truss Head Self-Tap Screws.
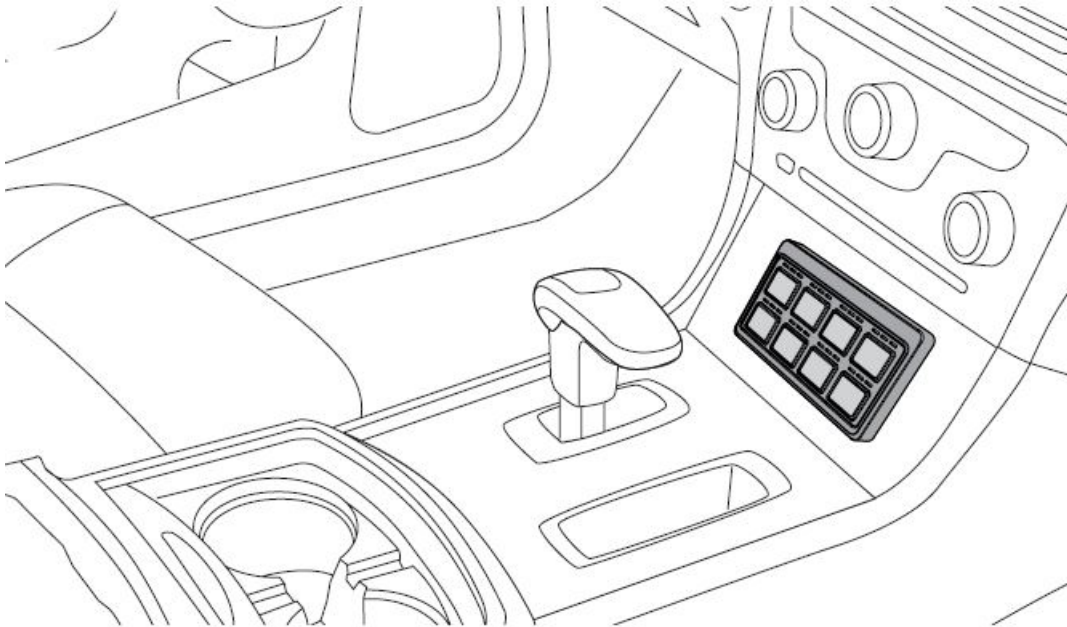
M5 Truss Head
Self-Tap Screw

Option 2 – Mounting with 3M VHB™ double-sided tape

- Choose a suitable mounting location (preferably any flat interior panel near the driver's seat or center console).
- Clean the area thoroughly with isopropyl alcohol to ensure proper adhesion.
- Drill 3 holes on the surface big enough for the 2 thread protrusions and RJ45 power cord to pass through.
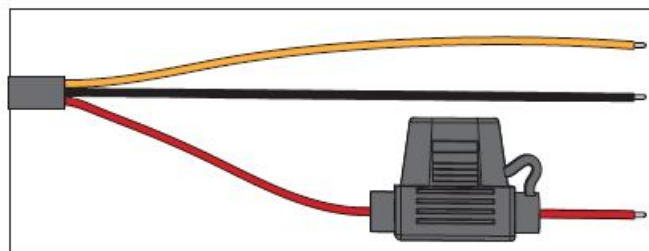- Attach the Keypad to the desired location with 3M VHB™ double-sided tape.

3M VHB™
double-sided tape

WIRING

WARNING: Disconnect the negative terminal on the vehicle's battery prior to installation. Do not allow the wires or metal ends to come into contact with each other, as this may cause damage to the product as well as your vehicle's battery, charing system, and/or electronics.

Route the RJ45 power cord through the firewall into the engine compartment, and hardwire to the vehicle battery according to the diagram below:

WIRE CONNECTION

- **Red Wire** = Positive (+) Post
- **Black Wire** = Negative (-) Post
- **Yellow Wire** = ACC / Ignition Fuse

Installation methods may vary depending on year, make, and model. Professional installation is highly recommended.

BUTTON FUNCTIONS

Button Functions	BLE Status	Description	LED status and color
Press Once (Unpaired Status)	Standby Mode	No action. Only Indicating the button is working.	Off
Press Once (Paired Status)	Standby Mode	Mode switching. (3 modes + Off mode)	On
Press and Hold for 3 Sec	Standby Mode	Pairing	Blinking (0.25sec.)
Press and Hold for 8 Sec	Standby Mode	1. Unpairing button 2. When unpairing a circuit it is recommended that you manually "reset" the Ghost Box and repair as needed so both circuits are secure.	Off
Press and Hold the # 5 and #8 key for 6 Sec	Standby Mode	Reset	Off

DOWNLOAD app

**PROJECT X
OFF-ROAD**

- Compatible with iPhone 4s and higher, iPad3, iPad Mini, iPad Air and higher, and iPod touch 5th Generation and higher. Requires iOS 9.0 or higher.
- Compatible with phones with Android™ 5.0 or higher.

- Scan the above QR code or search "PROJECT X Off-Road" in the App Store or Google Play Store. Download and install the App. Once installed, launch the App and login or create a new account, and enjoy all the additional features of your new Ghost Box Keypad.
- **NOTE:** The App is only available on smartphones with apple iOS 9 or newer, and Android 5.0 or newer. The PROJECT X Off-Road App is not accessible from browsers, or PCs.

ADD DEVICE

We recommend you to connect a battery charger to the vehicle during the set up and pairing process if your vehicle is not running. Follow these instructions to add the Keypad to the App.

1. Tap ADD DEVICE on home page.
2. Tap GHOST BOX SYSTEM.
3. Tap KEYPAD WITH GHOST BOX.
4. The App will search for nearby devices. Select the Keypad and then tap ADD.

5. Keypad is added to the list of device. Tap on it again.
6. Tap SYNC FROM KEYPAD to synchronize the Keypad with the App.

7. Press the pair button on the Ghost Box and any one of the 8 device buttons on the Keypad together and hold for 3 seconds. If the App screen shows a new device is added, that means the pairing of the Ghost Box, Keypad and the App is successful. You can start customizing your 12V accessories.

Cautions

1. Do not install or the use the 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. This product is intended solely for off-road purposes. Manufacturer and seller assume no liability for installation or use, which are solely the responsibility of the purchaser.
5. This product is not DOT approved and is designed and intended for off-road uses only.
6. 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** .

Warranty

- This PROJECT X product carries a 1 year warranty on Keypad, as referenced on the website:
  www.projectxoffroad.com/pages/returns-warranty

- 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 IMPLIES, IS MADE AS TO THE KEYPAD. PROJECT X 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.

PROJECT X

- 2975 Red Hill Ave.
- Ste. 100
- Costa Mesa, CA 92626
- USA

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 the 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.

Documents / Resources

[**PROJECT X GB538824 Ghost Box Keypad**](#) [pdf] Instruction Manual
GB538824 Ghost Box Keypad, GB538824, Ghost Box Keypad, Box Keypad, Keypad

References

- [P65Warnings.ca.gov](#)
- [Returns and Limited Warranty Policy - PROJECT X Offroad](#)
- [**User Manual**](#)