

This series of products using motor structure drive by our company independent research and development production, specific performance stability and reliability, durability, low power consumption and other advantages, by the majority of consumers like. For better use, please read this instruction carefully before installation.

Model: T-500III

material: ABS+copper

standby power: 0.008W

Input Voltage: DC 9V-30V

peak current: 320A/500A

operating temperature: -31°F to 203°F

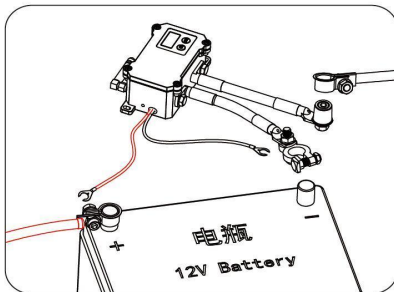
Remotecontrolbattery: CR2032(replaceable) Product weight: 330g/760g

Product Size(MM): 280X110X43/280X160X60

Installation Steps

Note: Do not install the two thick wires to the positive and negative poles of the battery at the same time, there will be a risk of short-circuit fire!

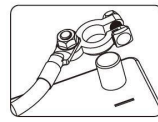
The default configuration is 17MM diameter battery clip for installing the negative battery pole, if you need to install the positive pole or small pile head, you need to provide your own battery clip and installation accessories. The thick wire is not divided into input and output, the battery clamp can be replaced with each other. The thin black wire must be installed to the negative terminal of the battery, do not install to the body end or hitch, it may burn out the current chip of the disconnecter. Translated with www.DeepL.com/Translator (free version)



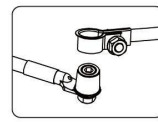
Installation Diagram



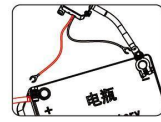
1. Disconnect the battery terminal (negative recommended). If positive must be accessed, wrap exposed metal with insulating tape to prevent short circuits.



2. Clamp the Ω-shaped terminal of the disconnect switch onto the battery post, then tighten the screw with a wrench.



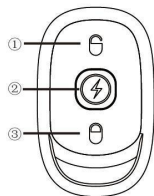
3. Connect the lug from the other thick cable to the terminal removed in Step 1, then tighten the screw securely.



4. Connect the switch's thin wires to battery terminals: red to positive (+), black to negative (-).

5. After connecting the power cord, you need to fix the main body of the power-off switch to the battery, according to the location of the battery of your car, you can use double-sided tape, zip ties or other ways to fix the main body to prevent the main body from shaking while the car is moving.

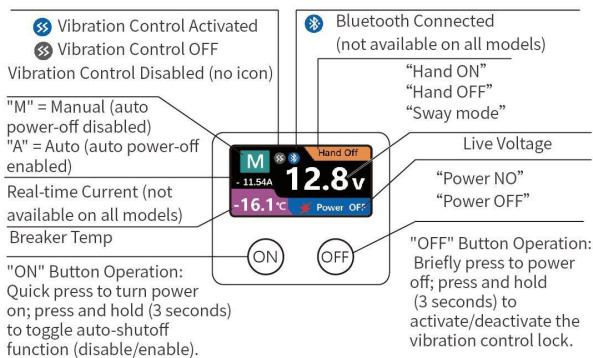
Key Functions



- Manual Mode** Press ① to turn on power. It stays on until ③ is pressed or battery voltage drops below 12V. If voltage stays under 12V for 3 minutes (with no vibration), it shuts off automatically. [Bluetooth version: Adjust cutoff voltage via APP.]
- Vibration Mode** Press ② to power on and detect vibration. If no motion is detected for 3 minutes, it shuts off. After shutdown, any vibration will auto-power it back on (no remote needed). Once vibration stops, it waits 3 minutes before shutting off again. Press ① or ③ to exit.
- Power Off** Press ③ to disconnect power (will not auto-reactivate upon vibration). The ③ button is disabled when: vehicle is in motion, voltage exceeds 13.7V, or phone is connected. If unresponsive, check these conditions.
- Bluetooth Control** (Not all models support Bluetooth): Automatically powers on when your paired phone is nearby. Connect to "RIEIEK_Switchxxx" (Pairing code: 112233)—once linked, it will turn on automatically. You can adjust settings via the app. If you want it to shut off after leaving, set the cutoff voltage to 13.5V. After Bluetooth disconnects, if the voltage stays below 13.5V and no vehicle vibration is detected for 3 minutes, the device will power off automatically.

Important: 1. The app uses Bluetooth communication - you must enable all required permissions for proper functionality. 2. Always establish the Bluetooth connection first before launching the app. If issues occur, force quit and restart the application.

Panel Instructions



Note

*Disconnecting the battery may trigger warning lights/alarms in some vehicles. Assess your vehicle's compatibility before use.

*Unable to manually power off remotely. Please check the following: 1. Whether the remote control has sufficient battery. 2. Whether the vehicle is turned off and stationary. 3. Whether the phone's Bluetooth is turned off or the "Seamless Connection" function is disabled in the app. 4. Whether the voltage is higher than 13.7V.

*Unable to power off automatically. Please check the following: 1. Whether the voltage is below the power-off threshold. 2. Whether the vehicle has remained stationary for over 3 minutes after falling below the threshold. 3. Whether the phone's Bluetooth is turned off or the "Seamless Connection" feature is disabled in the app.

*The display is not lit. The operating temperature range for the display is -30°C to 75°C (-22°F to 167°F). If the temperature exceeds this range, the display will turn off and automatically resume once conditions return to normal.

FCC WARNING

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

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.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.