

Thank you for purchasing our PIVOT product. Please read these instructions carefully before installing or using this device.

- When installing this product, we recommend that if technical knowledge becomes necessary please consult a qualified mechanic.
- Please do not lose this User's Guide, as you will held liable for the cost of reissuing it.

**RAIZIN SOUND** 雷神 CA-VS  
VOLT STABILIZER for CAR AUDIO

FEATURES

- Our voltage stabilizer, having been designed for car audio, not only greatly cuts noise, but the stabilized voltage supply to each unit brings you higher quality audio sound.
- Brings you vivid trebles and mediant, as well as, more resonant bass sounds.
- Outstanding results for both standard audio and full component audio.

CONTENTS (CA-VS)

RAIZIN Unit	Hex Nut X 2	Audio connection cable (1 each)	Double-Sided Tape X 3	User's Guide

INSTALLATION

• Please choose to connect either to ① the battery or ② the audio power source.

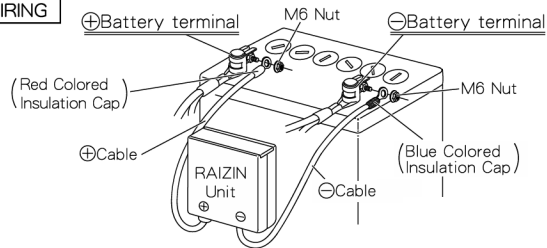
WARNING

- ① Please install safely and surely by following these instructions. In particular, please be very careful about connecting the ⊕ and ⊖ cables. Mixing these up will cause damage to the product.
- ② To prevent making any mistakes with the ⊕ and ⊖ and causing a short during installation, please make sure to insulate.

- Things to prepare
- Wrenches (Socket Wrench, Combination Wrench)
  - Vinyl Electrical Tape
  - Cloth
  - Absorbing Agent

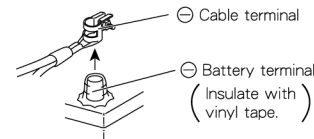
- Selecting connection method ② may result in better improvements to audio quality, but because with most cars there is no great difference, we suggest using the more simplified method ①.
- If connecting to the audio unit, greater improvements in audio quality can be realized by connecting to each unit (head unit, amp).

BASIC WIRING



Installation Reparation

- ① Remove the ⊖ cable from the ⊖ battery terminal.
- ② Insulate the ⊖ battery terminal with vinyl tape.



1 Connecting to the Battery

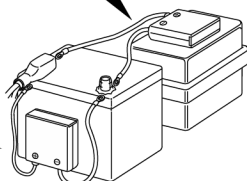
1 Installing the RAIZIN unit.

- ① Decide where to install
  - Without forcing, make sure you can connect the two cables to the correct terminals.
  - Make sure the installation place is a flat surface where the unit can be fixed with double-sided tape.

If you're installing on the top surface, make sure the car hood will not to hit the unit when closed.

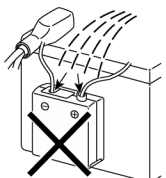
Ex) The top or side of the battery or any other flat surface near the battery. (fuse box, etc...)

If you're installing on the side surface, install so that the cables go out the bottom.

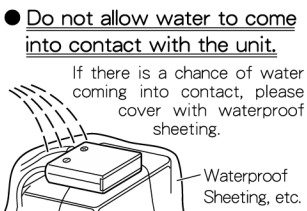


※ Do not to install in areas subject to water.

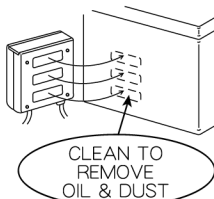
Circuitry has waterproof coating. But do not to install in areas subject to water or spray with water.



● If you install with the cables going out the top, water may enter the unit and cause damage. Make sure to **install with cables going out the bottom of the unit.**



- ② Clean off all oil and dirt from the bottom of the main unit and affix the double-sided tape included in the kit.
- ③ Clean off all oil and dirt from the installation place and fasten the main unit.



CAUTION

1. If you're installing on the side surface, the double-sided tape will take about two hours to become secure. During that time do not allow any vibration to the unit.
2. Reinstalling will cause the tape's adhesive strength to weaken, so please avoid doing so.

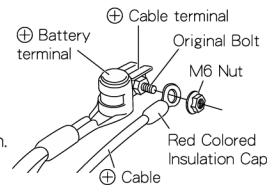
2 Connect the ⊕ Cable

- ① Remove the cover from the ⊕ terminal of the battery. Connect the unit's ⊕ cable (one with red colored insulation cap) to the terminal of the ⊕ battery cable.

- Fasten with an M6 nut to the original bolt.
- Fasten between the original nut and the terminal.

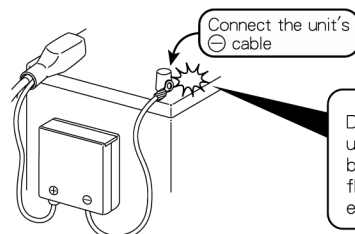
- ② Replace the cover after completing the connection.

※ If the cover does not insulate properly, please use vinyl tape to ensure proper insulation.



3 Check Wiring

- ① Remove the cover from the ⊖ terminal of the battery.
- ② Connect the unit's ⊖ cable (one with blue colored insulation cap) to the bolt of the ⊖ battery and check to see if the unit's blue LED lamp goes on or not.



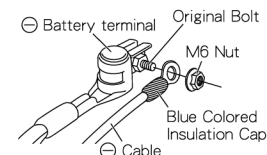
Sparking upon Contact

Due to characteristics of the product, upon contact of the RAIZIN'S ⊕ ⊖ to the battery's ⊕ ⊖ or upon the shorting of the flow of ⊕ ⊖ current sparks may be emitted. This is not a defect.

4 Connect the ⊖ Cable

- ① Properly connect the ⊖ cable terminal to the ⊖ battery terminal.
- ② Connect the unit's ⊖ cable (one with blue colored insulation cap) to the terminal of the ⊖ battery cable.

- Fasten with an M6 nut to the original bolt.
- Fasten between the original nut and the terminal.



2 Connecting to the Audio Power Source

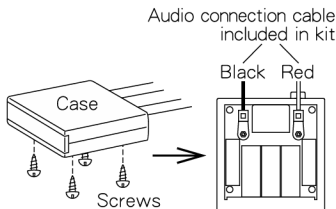
• Before connecting, please replace the cable already connected to the audio unit with the audio connection cable included in this kit.

CAUTION

1. To prevent accidents, do not change after completing the wiring.
2. The wiring has polarity, so please make sure to connect the ⊖ side to black and the ⊕ side to red.

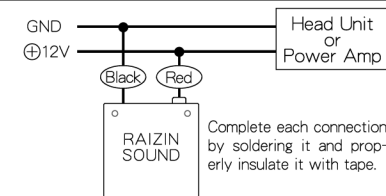
1 Replacing Method

- ① Remove the 4 screws from the case and remove the chip board from the case.
- ② Loosen the screws to remove the cable and replace it with the included audio connection cable.
- ③ Return the chip board into the case and tighten the screws as before.



2 Wiring Method

- ① Connect the red cable to the ⊕ 12V power line of each audio device and connect the black cable to the ⊖ side (earth).



Complete each connection by soldering it and properly insulate it with tape.