G-AUX1

Auxiliary Interface Adapter, AUX-IN Car Kit



USER MANUAL

www.gromaudio.com
gromaudio.com/support.html

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Installation Instructions

Chapter 1 – Getting Started

1.1 Subject

The GROM-AUX1 adapter – an integration between an MP3, XM, DVD player, iPod/iPhone and any other audio source, and a factory installed car stereo. Equipped with the specific vehicle harness and standard 3.5mm phone jack the GROM-AUX1 interface will allow you to connect your audio device such as MP3 player, Smartphone or iPod/iPhone to the car stereo system easily.

1.2 Introduction

Thank you for purchasing the GROM-AUX1 adapter, which has been designed to provide endless hours of listening pleasure through most vehicles factory radios. To insure that your AUX1 interface performs correctly in your car or truck, we recommend that you read this entire manual before attempting install the GROM interface.

1.3 Precautions

Proper mounting location

Securely install the interface in a location that is free from heat, humidity, moving parts, or direct sunlight. Beware of hot airflow from your vehicle's climate control system. We recommend securing the interface to a suitable location, free of sharp metal edges, using double-sided tape, Velcro, or wire ties.

1.4 Disclaimer

- This product is not affiliated with any of the OEM manufactures
- Modifying the radio may void any outstanding warranty.
- The purchase of this product carries with it no warranties, either expressed or implied.
- While every care has been taken to provide a quality product, we cannot guarantee that the GROM AUX adapter to function correctly if installation is not done according to the instructions in this guide. We also cannot guarantee that the GROM AUX adapter will function correctly with an MP3 player if the MP3 player is broken or damaged or not supported
- Keep your eyes on the road while driving!
- We are not liable for the misuse of this product. Misuse includes improper installation, damage to the board or radio while trying to install it, and the illegal use of the radio.

1.5 Completeness and connection of set

a) GROM Audio AUX1 adapter set consists of G-AUX1 interface, with attached 3.5mm audio cable, and vehicle specific cable (see figure 1).



G-AUX1 interface with 3.5mm audio cable (1)



Vehicle specific cable (2)

Figure 1. Package content.

b) Basic wiring diagram of GROM Audio AUX adapter is the following (see Figure 2):

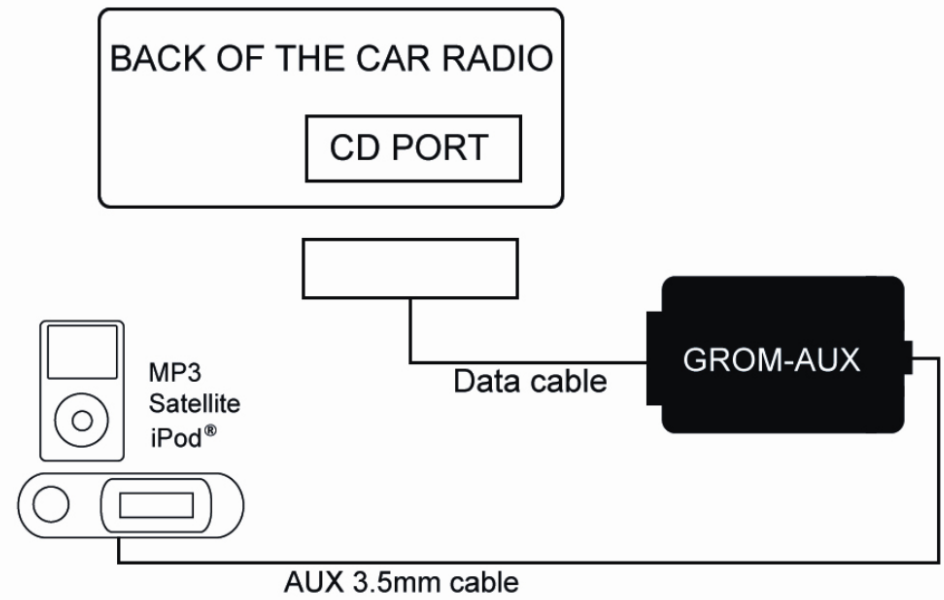


Figure 2. Basic wiring diagram

1.6 Important Compatibility Notes

If your vehicle is equipped with an external factory CD changer, you must disconnect it in order to be able to install the interface. You will lose the use of the external CD changer to gain the use of

your iPod or MP3 player. Any built-in CD changer will remain working.
For a full version of the GROM application guide, please visit
http://gromaudio.com/grom_application_guide.pdf or contact GROM Audio at
http://gromaudio.com/support.html

Chapter 2 – General Installation

2.1 Installation location:

Most installations will require you to remove the factory radio in order to plug in the vehicle specific harness. For some vehicles, you will also have the option to connect the interface to the factory pre-run CD changer cable located in the trunk or glove box.

2.2 Tools needed:

In many cases, there are no any special tools required in order to remove the stereo out. For some stereos, it is better to use car stereo removal tools. Please consult your local car audio shop or your vehicle's dealership for instructions or assistance if necessary.
If you are unsure how to install the interface properly, we recommend contacting your local car stereo shop for the assistance.

2.3 Preparation and adapter installation

1. Turn off car engine and remove key from ignition
2. If your radio uses a **Security Code**, make sure that you have the code before unplugging the radio.
3. Un-mount your radio from the dash in order to get access to the back side of the radio. Some vehicles require the special tools to remove the radio. Please consult your vehicle's dealership or a local car audio professional if necessary.
4. Attach the car harness connector to the back of the stereo to the CD changer port. Be sure to make a firm connection but do not force it. Connect the other end to the interface.
5. **WV/AUDI/SEAT/SKODA - there is a black single cable on the vehicle specific harness (see Figure 3)**. You will need to attach it to the back bolt of the car stereo or to the stereo chassis.

   Remove the PVC from the end of the black wire (2)

   (a) Connect the end of the black wire (2) to the metal part of the car stereo chassis. You can connect it under the bolt (3) if present

   (b) Make sure that the solid contact is maintained between the striped black wire and the metal part of the car stereo body.

(c) The failure to attach the black cable to the chassis of the stereo will mean that the GROM adapter will not work! All VW / AUDI / Seat / Skoda vehicles require this black cable to be attached.

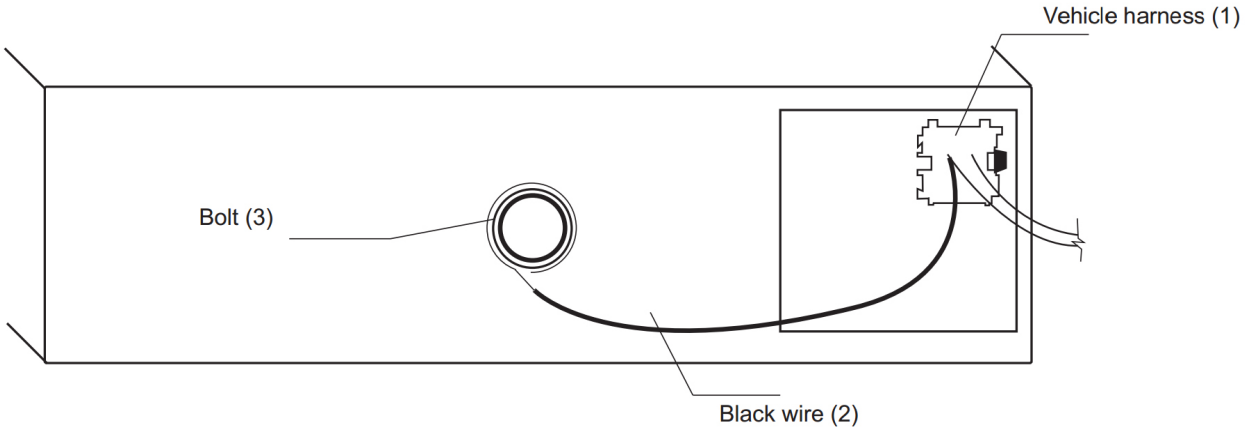


Figure 3. Wire grounding for VW/AUDI Installs

6. **For AUDI vehicles only:** For some AUDI head units an additional part or harness modification is required in order to gain the access to the CD changer port. The 8-pin CD changer port on such stereos is occupied by a solid 20-pin connector. Please refer to the instructions at: http://gromaudio.com/pie-audi-how-to.html or obtain GROM part number **AUDS**.
7. **For BMW vehicles only:** Please refer to the installation insert for the special guidelines for BMW installation.
8. **For Toyota/Honda vehicles only:**
   In some Toyota/Lexus/Scion and Honda/Acura vehicles the CD changer port is occupied with a factory harness (such as NAV or audio harness). The GROM package for Toyota or Honda includes a Y shaped vehicle cable. In order to connect interface properly please follow to the scheme below.

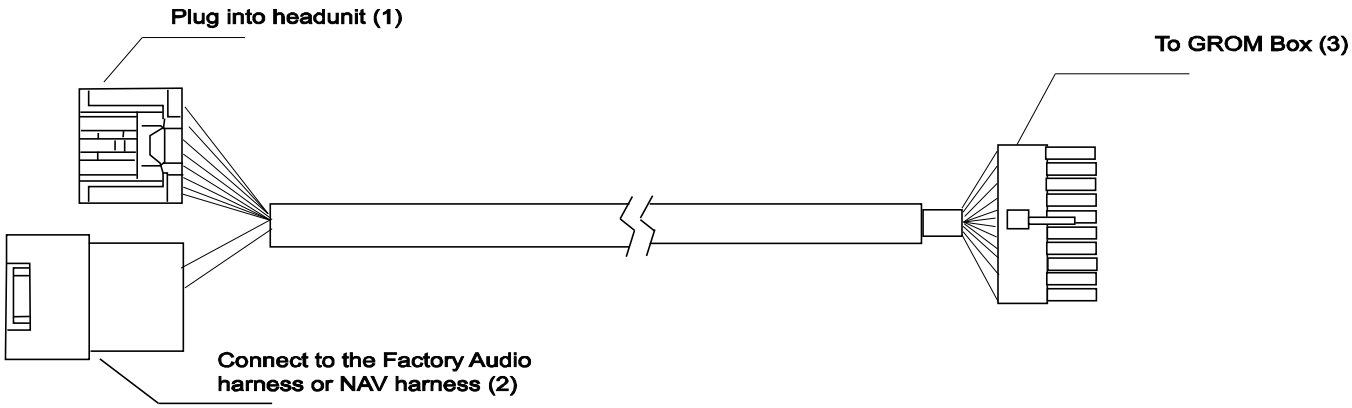


Figure 4. Connection scheme for Toyota/Lexus/Scion and Honda/Acura

If the car has no NAV or XM leave the female end of the Toyota harness open.

9. For kits where vehicle specific harness is connected to the stereo using P-Taps such as Nissan, Infiniti, BMW behind the stereo, Volvo, Mitsubishi and the others, please refer to the specific vehicle harness installation manual that came with your kit.
10. Once the interface is connected to the radio, you will need to test the operation of the interface before re-assembling the dash.
11. Turn your car stereo on and switch it over to the CD Changer mode using the Disk / Mode / CD / AUX (depending on the stereo type) buttons on your car stereo until it shows Disk 1, Track 01 on a display.
12. Connect the 3.5mm audio cable to the MP3 player or the iPod. Turn on the MP3 player or iPod and play some tunes. You should now hear the sound coming from the car stereo.
13. Once the operation of the interface is confirmed, you may continue with the installation. If you experience difficulties with the installation, please see our **troubleshooting section.**
14. Find a place where you can place the G-AUX1 adapter. In many cars, there is enough room in the dash to place GROM.
    Note: Make sure you mount the G-AUX1 adapter in the place with enough room so that, when you re-mount the car stereo, you do not break the adapter.
15. You may use the glove box or other spaces inside the dash to direct Audio cables out.
16. Re-mount your car stereo, making sure its clips or strews are secure.

Adapter mounting in the trunk (for VW and BMW only)

1. Locate the trunk mounting cable in your car (usually located along the left side of the car in the back).
2. Disconnect the existing CD changer, if present.
3. Attach the matching cables.

Note for BMW trunk installations: Some BMW are factory wired for the cellular phone. Except for wire location, the factory cellular phone connector looks identical to the factory 3-pin connector used for the CD changer. The CORRECT 3-pin connector for the CD-Changer has a BROWN wire (ground) in the #1 pin position. Please make certain you use this connector. **The INCORRECT factory cellular phone connector has a BROWN wire in the center position – DO NOT USE THIS CONNECTOR.**

Congratulations! You have installed the G-AUX1 adapter. You may now use it with your MP3 player, Smartphone, XM, DVD or iPod/iPhone.

2.4 When the car ignition is OFF

GROM-AUX adapter does not control the MP3 player or the iPod. When you turn your car ignition or car stereo off, the MP3 player or the iPod will remain playing. You will need to turn the iPod or the MP3 player off manually if you do not want it to continue playing.

Chapter 3. Support

For questions or technical support please visit http://gromaudio.com/support.html Your question will be answered within next 1 (one) business day.

Troubleshooting

Symptom	Cause	Remedy
No power	Bad connection	Check the cable connections.
Radio is not recognizing G-AUX1 adapter	Some Honda, Toyota, Lexus car stereo have to be restarted before the radio catches the signal	After connecting the adapter turn the stereo on, and then turn the ignition off and back on
Radio is not recognizing G-AUX1 adapter	External CD changer is present	Make sure to disconnect the external CD changer
Radio is not recognizing G-AUX1 adapter	Bad cables or cables are not connected properly between the interface box and car radio.	Check connection and cables, push in firmly.
Radio is not recognizing G- AUX1 adapter	The GROM unit needs to be reset.	Reset the GROM unit by disconnecting it from the vehicle specific harness.
You can't hear the music from MP3 player	No CD changer is selected	Make sure CD changer, SAT mode or AUX is selected (correct key depends on your stereo)
For VAG only: Radio is not recognizing GROM AUX adapter	Single black wire on the vehicle specific harness (2) is not attached to the stereo chassis (stereo body)	Attach the black cable to the car stereo body Make sure it is properly grounded
For BMW only: Radio is not recognizing GROM AUX adapter	**iBus wire have come loose** Sometimes when using Posi-Tap clips, the IBus wire may not receive proper connection due to its wire size	Make sure the IBus wire is securely attached by using multimeter or slightly tight up the Posi-Tap connector so its slot get s smaller.
Audio is coming only from 1 speaker	The 10-pin sound connector is not aligned correctly	Make sure that 10-pin sound connector on the vehicle cable is aligned correctly

Audio is not coming from the speakers	The audio cable is not inserted properly.	Make sure that the audio cable inserted properly.

Chapter 4. Warranty, license agreement and disclaimers

4.1 THIRTY (30) - DAY MONEY BACK WARRANTY.

You can return any product purchased directly from GROM AUDIO or from www.InDashPC.org, referencing a **Return Merchandize Authorization** (**RMA**) during the Thirty-(30) day period following shipment by GROM AUDIO. The product may be returned for a full refund of the purchase price actually paid for any reason. The RMA number must be obtained from **GROM Audio Customer Support via web form on www.gromaduio.com/support.html**, and is valid for only fifteen - (15) days from its issuance. RMA must be noted on the outside of the returned PRODUCTS packaging. The PRODUCT must be returned in its original packaging, intact, without any evidence of tampering with the PRODUCT or physical damage caused by the Customer (End-User). We would strongly recommend that the item is being shipped insured. We are not responsible for the lost or stolen items.

SHIPPING AND HANDLING OF THE END-USER IS NOT REFUNDABLE.

PLEASE ALLOW UP TO TWO (2) WEEKS FOR GROM AUDIO TO CREDIT YOUR ACCOUNT.

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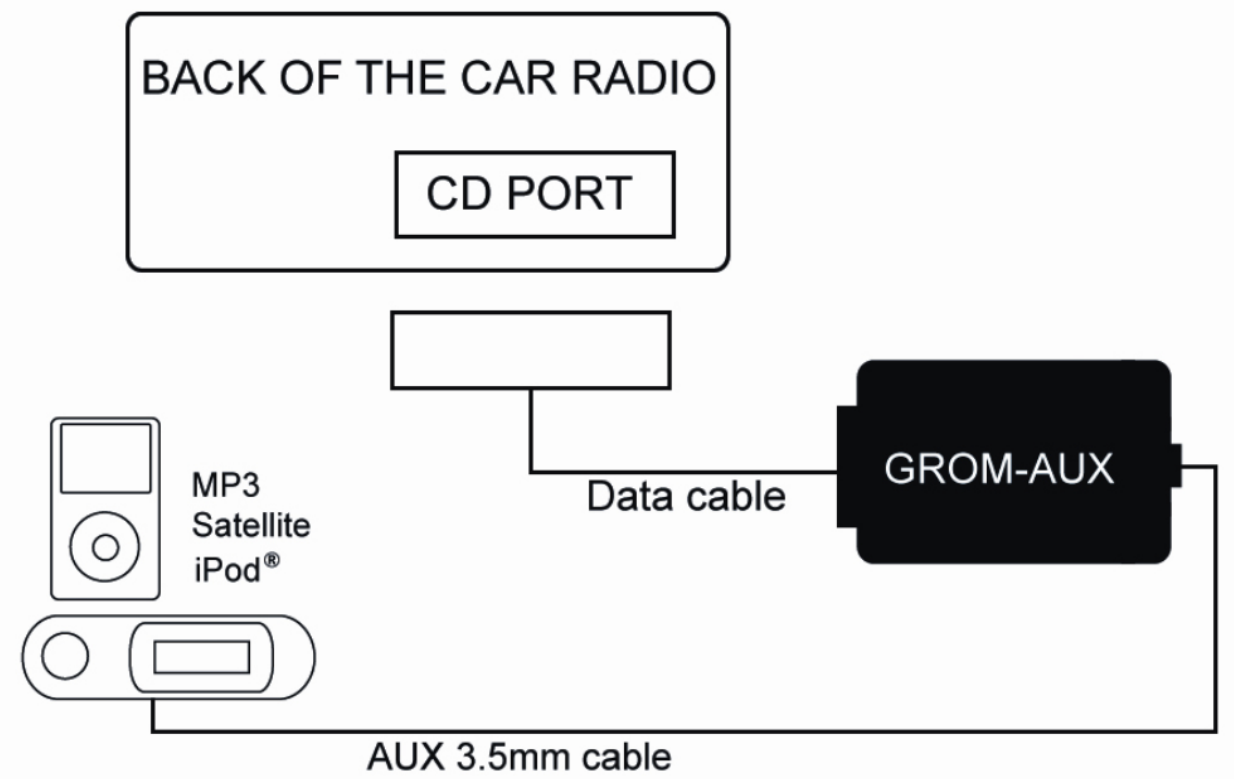
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