



# **GROM Bluetooth Dongle (GROM-BTD)**

## **Installation and operation instructions**

### **Chapter 1 – Getting Started**

#### **1.1 Subject**

The GROM Audio Bluetooth Dongle —seamless Bluetooth integration into factory car stereo for many car makes. When connected to the extension port of GROM-USB2i adapter, the dongle provides wireless hands-free with the dial/accept/reject call feature. The GROM-BTD also enables wireless A2DP playback with AVRCP control.

#### **1.2 Introduction**

Thank you for purchasing the GROM Audio Bluetooth Dongle. With the Bluetooth Dongle you will be able to:

- use your phone in your car hands free;
- stream your MP3 or internet radio music and control it where applicable with the stereo buttons;
- hear the GPS voice announce and more.

To ensure that your Bluetooth module performs correctly in your car or truck, we recommend that you read this entire manual before attempting install and use the GROM Bluetooth dongle.

#### **1.3 Precautions**

##### ***Proper mounting location***

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

#### **1.4 Disclaimer**

- This product is not affiliated with any OEM manufacturers.
- 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 Bluetooth Dongle will function correctly if installation or operation of the unit is not done according to the instructions provided in this guide.
- 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 product and its parts while trying to install it, and the illegal use of the product.

#### **1.5 Included in set**

The GROM Bluetooth Dongle set consists of:

- a. BTD dongle with 5FT wiring cable for GROM USB2 / IPD3 / AUX3 adapter interfaces
- b. Omnidirectional microphone with swivel mount for easier installation and 10Ft cable



**Pic. 1 The GROM Bluetooth Dongle**

## **Chapter 2 – General Installation**

### ***2.1 Update the firmware on your GROM USB2 unit:***

Update firmware of the GROM USB2 / IPD3 / AUX3 interface to the latest version applicable to your vehicle. Firmware is available at <http://www.gromaudio.com/software.html>. Please follow the directions posted on the website carefully and make sure that you download the **firmware applicable to your vehicle**.

**NOTE: If you purchased the Bluetooth Dongle at the same time as GROM USB2 / IPD3 / AUX3 adapter – do not update the firmware. Your GROM adapter will arrive with the latest firmware available.**

### ***2.2 Installation location:***

1. Connect the GROM-BTD 8 pin connector to the EXT port of the GROM-USB2 / IPD3 interface. Mount the GROM-BTD module away from metal structures in the dash and as close to the phone as possible.



**Pic. 2 The GROM Bluetooth Dongle connected to GROM-USB2 adapter**

2. Choose a proper mounting location for the microphone either on the headliner or center overhead console. Avoid mounting the microphone by the side windows to eliminate extra noise. Please also avoid mounting behind visor to avoid blocking voice from reaching the microphone. Carefully route the microphone cable down into the dash where the GROM-BTD is installed. Connect to the female audio plug on the GROM-BTD to the microphone.

3. Once all connected, cycle the ignition ON-OFF-ON to initialize. Maximum range of GROM-BTD is approximately 20 feet.

You need to pair the phone with your Bluetooth receiver only once.

1. Please make sure that Bluetooth function on your phone is active or turned on and that the phone is set to be discoverable. Refer to your phone's user manual to learn how to turn on and initiate the pairing feature.
2. Turn ON vehicle and radio. GROM-BTD will become **discoverable by your phone for 3 minutes. You must pair your phone within that interval.**
3. The pairing needs to be performed only once. After pairing is completed your phone will automatically connect to GROM-BTD upon ignition start (whether radio on or off).

**NOTE<sup>1</sup>:** Your phone can ask for **confirmation** and you can get the pop-up message "Confirm that the passkey "... is shown on GROM-CAR". Click "PAIR" then. Some phones can ask for pin code. Please enter **0000**.

**NOTE<sup>2</sup>:** Certain vehicle electrical systems may activate Grom unit and BTD upon vehicle unlock.

**NOTE<sup>3</sup>:** GROM-BTD is on as long as vehicle is on. If radio is OFF, and you are receiving a call, you can answer automatically by turning ON radio and selecting GROM mode.

### ***2.4 Operating with more than one playing source connected.***

If you have any audio player connected to the GROM-USB2 /IPD3 via **AUX** port – please disconnect the player. You can leave AUX cable in its place. GROM-BTD will not be able to mute the audio player connected via AUX cable.

You don't have to disconnect the **USB drive** since it will be automatically muted once GROM-BTD is in use.

### ***2.5 Using your phone in the hands-free mode***

Once the Bluetooth is paired with the phone and the stereo is in GROM-USB /IPD3 mode (USB/iPod/AUX) you can start using your phone hands free. Once you receive the phone call the stereo will mute and you will hear the incoming call. Once you **receive the call** you are able to:

1. Answer Call – Press next track or track up.
2. Reject Call – Press previous track or track down.
3. End Call -- Press previous track or track down.
4. Call Waiting (answer a second call) -- Press next track or track up.

To **make a phone call**:

1. Dial the phone number on your phone.
2. Once the phone is dialing the music mutes and you start hearing the dialing. Once the phone is answered you will start using it hands-free.

**NOTE:** If your stereo is in mode different than GROM-USB/IPD3 mode (FM, XM, etc.) and you receive a phone call – please enter the GROM-USB / IPD3 mode by selecting it on the car stereo.

## 2.6 Streaming your music wirelessly and using A2DP Audio Controls

With the GROM Bluetooth Dongle you are able to stream the music from your mobile phone directly to the car stereo system wirelessly and control it with the car stereo/steering wheel controls.

1. When A2DP (advanced audio distribution profile) music starts playing, other audio will mute and A2DP will play.
2. To stop music playing -- stop playback on your phone. GROM-USB / IPD3 will resume playback of the previously selected source.
3. Control A2DP music track selection by using track up and track down on car stereo or steering wheel buttons.
4. Changing car radio mode to one different than GROM-USB2 / IPD3(AM,FM, SAT, etc..) will pause A2DP playback.

## Chapter 3 – Troubleshooting and support

Symptom	Cause	Remedy
After firmware update GROM-USB / IPD3 is not being recognized by the stereo.	The wrong firmware is uploaded onto the GROM-USB2 / IPD3 module.	Please make sure that you download the correct firmware applicable to your vehicle. Please carefully follow the firmware update instructions posted on the gromaudio.com website.
I cannot pair my phone with GROM Bluetooth.	You are not pairing within the 3 minute pairing timeframe.	Once you turn on the vehicle the GROM-BTD becomes discoverable for 3 minutes. You must pair your phone within that 3 minute interval.
I cannot pair my phone with GROM Bluetooth.	Your phone needs to be reset.	Please reset your phone and try to pair again. You can reset your phone by turning it off and on or pulling the battery out.
I cannot pair my phone with GROM Bluetooth.	The GROM unit needs to be reset.	Please reset GROM unit by unplugging and re-plugging the GROM box from and to the vehicle specific harness. Turn on ignition then pair within 3 minutes of plugging in Grom box.
The sound from the microphone is distorted or muted.	The microphone is not positioned correctly.	Please make sure to position the microphone in a location that is free from obstruction and facing user.

For questions or technical support please contact us via web form <http://gromaudio.com/support.html>

Your question will be answered by the earliest available representative.