



Expand Your Factory Radio

add
iPod®



VOLKSWAGEN

**Owner's Manual
Media Gateway
PXAMG**

PGHVW3

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Media Gateway & Optional Add-ons



**Factory Radio
Not Included**

**iPod
Not Included**



11Ft. iPod Cable



**Media Gateway Harness
Part #: PGHVW3**



**Media Gateway
Part #: PXAMG**

1. Introduction

Thank you for purchasing the Peripheral Electronics® Media Gateway. The Media Gateway is designed to provide endless hours of listening pleasure from your factory radio. To ensure that your iPod performs correctly with your radio, we recommend that you read this entire manual before attempting installation of the Media Gateway. The Media Gateway allows connectivity for iPod and an auxiliary audio input, and enables simple control of the iPod from the factory installed radio. It also retains original system features such as satellite radio (if equipped).

Does not retain OEM CD changer, if a changer is installed, it must be removed before connecting the Media Gateway.

2. Precautions

UPDATING iPod FIRMWARE

For proper operation of the Media Gateway, your iPod must be updated with the most recent version of firmware from Apple. This is done on your computer. To update the software on the iPod go to:

<http://www.apple.com/ipod/download/>.

Follow the directions on the website to complete the download. There is no charge for this update.

PREVENTING DAMAGE TO YOUR VEHICLE OR iPod.

Some installations require you to make wiring connections. To eliminate the risk of an electrical short, we recommend disconnecting the vehicle's battery prior to installation. If you do not feel comfortable making these connections, we suggest you seek professional installation. We recommend that the iPod be disconnected from the interface when the vehicle is not in use.

PROPER MOUNTING LOCATION

Securely install the interface in a location free from; heat, humidity, moving parts, sharp metal edges or direct sunlight. We recommend securing the interface to a suitable location using; double sided tape, Velcro™ or zip-ties.

3. Compatibility Notes

2006-2008 Beetle radio must have a “CD” button to support the Media Gateway

NOTE: If there is a factory installed CD changer, it must be removed before installing the Media Gateway interface.

Refer to www.periphuralelectronics.com for most updated application guide

4. Dipswitch Configuration



All Dip switches must be in the OFF position (up) for the Media Gateway to function.

5. Installation

Before installing the Media Gateway, be sure you have correctly set the dipswitches according to section 4.

NOTE: DO NOT disconnect the wiring from the “passenger airbag light” on the dash bezel. Disconnecting this harness will cause an airbag light to illuminate in the gauge cluster which needs to be reset by a Volkswagen dealership.

1. When making electrical connections we recommended disconnecting the vehicle’s battery from the electrical system before performing the installation.
2. Carefully remove the radio from the dash of the vehicle. We recommend the use of Peripheral Part # GET (when applicable) to remove the radio from the dash. These tools are specifically designed to be used to remove Volkswagen radios. This will provide access to the factory radio connectors where you will connect the Media Gateway harness.
3. Disconnect the factory harness from the back of the radio.
4. Connect the 8-Pin iPod docking cable into the first port on the Media Gateway furthest away from dipswitches. Carefully run the 11 foot iPod cable behind the dash to the location where the iPod will be mounted or stored (for example; the glove box or center console).

This location will vary based on the vehicle, and customer's preference. When running this cable through the dash, be sure to secure it away from moving parts or sharp metal edges that may damage the cable.

5. To connect an Auxiliary audio source, please use the supplied aux audio input cable. This cable features a 3.5mm connection for connecting a portable audio device through a standard headphone or line out connection. It also features RCA style connectors designed for use with a portable DVD player or another audio source featuring RCA audio outputs. Please only use one of these aux input connections at a time (3.5mm or RCA). It is not recommended or intended that two devices be connected to this cable simultaneously.

6. Plug in the male connectors on the PGHVW3 harness into the port on the back of the radio. Next, connect the factory harness into the female connector on the PGHVW3 harness. Be sure to make a firm connection but do not force it. Plug the black micro-fit 24-pin connector on the PGHVW3 harness into the PXAMG Media Gateway box.

7. To complete the installation secure the Media Gateway (PXAMG) into the cavity in the dash behind the radio. Be sure that the cables and interface modules are not near moving parts or sharp metal edges as they may damage the cables. To prevent rattling noises inside the dash, use zip ties, or electrical tape, or other fasteners to mount the interfaces to the factory wiring or installed audio components.

8. With all connections made, reconnect the vehicle's battery, insert the key into the ignition, and turn the vehicle on. Check for proper operation of the Media Gateway and HD Radio tuner before reinstalling the factory dash panels.

9. When first powering up the vehicle with the radio reconnected, "CODE" may appear on the screen. This is a safety feature of the VW radio. If you see this message, DO NOT enter a code, simply let the radio sit on this screen for about 10 seconds, then turn the vehicle off. Disconnect the gateway harness from the vehicle. Reconnect the gateway harness to the vehicle. Normal operation should resume.

10. NOTE: The first time that you access the Gateway, your radio may display "DEV INIT" while the device is initializing. If this is displayed, please wait one minute the cycle the ignition off and on. Access the CD changer mode to begin normal gateway operation.

6. Operation

Press the CD button twice to access the CD changer source. This is the source where you will access the Media Gateway and be able to control your iPod like a CD player from your factory radio controls and display.

Next Track

Press “SEEK>” to skip to the next track.

Previous Track

Press “<SEEK” to go back to the previous track.

iPod mode

Press Preset #1 to access the iPod mode from Aux 2 mode.

Aux 2 mode

Press preset #2 to access the Media Gateway Aux audio input.

7. Selecting the Auxiliary Audio Input

Press Preset #2 to access Aux 2

Aux 2 will play audio from any device connected into the port closest to the dipswitches on the Media Gateway interface. Use the supplied Aux input cable to connect your audio source.

8. Troubleshooting

Symptom	Cause	Remedy
I cannot change tracks on the iPod from the radio	the iPod firmware must be up to date for best control.	please visit http://www.apple.com/ipod/download to update your iPod firmware
I have updated my iPod's firmware and still have control issues	Sometimes the iPods needs to be reset	Press and hold the click wheel (center button) and the menu button for 10 seconds. This will reboot the iPod. YOU WILL NOT LOSE MUSIC on the iPod by doing this reset
Radio shows “DEV INIT”	Gateway device is initializing	This only occurs the first time the PXAMG is powered on. Wait a few minutes, cycle ignition off and on then enter SAT Mode.
Radio shows “CODE” after installing the media gateway	radio power has been lost and restored	wait 10 seconds, turn ignition off, then back on. This message will go away.

9. Warranty Information

One Year Limited Warranty

The quality controls used in the manufacture of this product will ensure your satisfaction. This warranty applies only to the original purchaser of this product from an authorized Peripheral Electronics dealer. This warranty covers any supplied or manufactured parts of this product that, upon inspection by Peripheral Electronics authorized personnel, is found to have failed in normal use due to defects in material or workmanship. This warranty does not apply to installation expenses. Attempting to service or modify this unit, operating this unit under conditions other than the recommended voltage will render this WARRANTY VOID.

Unless otherwise prescribed by law, Peripheral Electronics shall not be liable for any personal injury, property damage and or any incidental or consequential damages of any kind (including water damage) resulting from malfunctions, defects, misuse, improper installation or alteration of this product. All parts of this Peripheral Electronics product are guaranteed for a period of 1 year as follows:

Within the first 12 months from date of purchase, subject to the conditions above, Peripheral Electronics will repair or replace the product at their discretion, if it is defective in material or workmanship providing it is returned to an Authorized Peripheral Electronic's Dealer, with PROOF OF PURCHASE from an authorized Peripheral Electronics dealer.

Warning:

This equipment may be reset by unintentional electrostatic discharge during operation. Exposure to direct sunlight or extreme heat may cause damage or malfunction.

FCC Class B Radio Frequency

Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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:

1. Reorientate or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that of which the receiver is connected.
4. Consult the dealer or an experienced radio / television technical for help.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.



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