



**Expand Your Factory Radio**

add

**iPod®**



**Acura**

**Owner's Manual  
Media Gateway  
PXAMG**

**PGHHD2C**



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# Media Gateway & Optional Add-ons



Factory Radio  
Not Included

iPod  
Not Included



Media Gateway Harness  
Part #: PGHHD2C



Media Gateway  
Part #: PXAMG



11Ft. iPod Cable



3Ft. HD Radio Cable  
(sold with HDRT)



HD Radio™ Tuner  
(sold separately)  
Part #: HDRT

# 1. Introduction

Thank you for purchasing the iSimple® 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 the HD Radio tuner (HDRT sold separately), enabling full control of these devices from the factory installed radio. It also retains original system features such as satellite radio (if equipped).

## 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.

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.

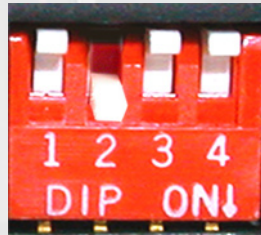
# 3. Compatibility

Your vehicle MUST be equipped with XM Satellite Radio that has the XM Nav-Traffic feature. Please visit [www.isimplesolutions.com](http://www.isimplesolutions.com) for the most up to date application information and to verify your vehicle's compatibility.

# 4. Dipswitch Settings

Dipswitch 2 MUST be set in the **ON** (down) position for proper operation.

ALL VEHICLES



# 5. Installation

1. When making electrical connections it is always recommended that the vehicle's battery be disconnected from the electrical system before performing the installation.

2. Carefully remove the trim panels in the passenger side of the trunk to access the XM Satellite Radio tuner. This will provide access to the factory radio connectors where you will connect the Media Gateway harness.

3. Disconnect the factory 20-Pin harness from the Satellite Radio tuner.

4. Connect the 8-Pin iPod docking cable into the first port on the Media Gateway (farthest away from dipswitches). Carefully run the 20 foot iPod cable 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 the customer's preference. When running this cable through the vehicle be sure to secure it away from moving parts or sharp metal edges that may damage the cable.

5. If connecting the HD Radio Tuner (HDRT sold separately), make the following connections **before connecting the PXAMG to the vehicle**. Plug the 3 foot HD Radio Cable (8-Pin mini-din to 8-Pin mini-din) into the second port (closest to the dipswitches) on the Media Gateway. Connect the other end of this cable into the HD Radio tuner. Connect the factory antenna cable into the antenna connection on the HD Radio tuner (HDRT).

6. Plug the male connector on the PGHHD2C harness into the 20-pin port on the XM Satellite Radio tuner. Next, connect the factory 20-pin harness into the female connector on the PGHHD2C harness. Be sure to make a firm connection but do not force it. Plug the Black micro-fit 24-pin connector on the PGHHD2C harness into the PXAMG Media Gateway box.

7. To complete the installation secure the Media Gateway (PXAMG) and HD Radio tuner (HDRT if equipped) into the cavity with the XM Satellite Radio tuner. 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 trunk, use zip ties, tape, or other fasteners to mount the interfaces securely.

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. Note: The first time you access the Gateway, your radio may display "DEV INIT" while the device is initializing. If this is displayed, please wait one minute then cycle the ignition off and on. Then access SAT mode again to begin normal gateway operation.

## 6. iPod Operation

### Entering Mode Select Menu

Press the “AM-FM” button then press the “XM or “AUX” button. Turn the rotary TUNE KNOB or press “TUNE ▲” until “IPOD” is displayed. The PXAMG will auto select the mode after 6 seconds of inactivity.

### Next Track

Turn the rotary TUNE KNOB clockwise or press the “TUNE ▲” button to advance to the next track.

### Previous Track

Turn the rotary TUNE KNOB counter clockwise or press the “TUNE ▼” button to move back to the previous track.

### Fast Forward

Press **PRESET 4** repeatedly to fast forward the song that is playing.

### Rewind

Press **PRESET 3** repeatedly to rewind the song that is playing.

### Entering “BROWSE” Menu / Select

Press **PRESET 6** to enter the browse menu or to make a selection while in the browse menu.

### Menu UP

Press **PRESET 5** to move back one step in the browse menu.

### Exit Browse menu

After 10 seconds of inactivity the menu will time out and return to normal operation.

### Random

Press **PRESET 2** to turn random ON/OFF (RDM song, RDM album, RDM off).

## 7. HD Radio Operation

### Entering Mode Select Menu

Press the “AM-FM” button then press the “XM or “AUX” button. Turn the rotary TUNE KNOB or press “TUNE ▲” until “HD-FM” is displayed. The PXAMG will auto select the mode after seconds of inactivity.

### Tune Up

Turn the rotary TUNE KNOB clockwise or press the “TUNE ▲” button to manually tune up.

### Seek Up

Press the **SEEK>** button to seek up to next available station.

### Tune Down

Turn the rotary TUNE KNOB counter-clockwise or pressthe “TUNE ▼” button to manually tune down.

### Seek Down

Press the **<SEEK** button to seek down to the next available station.

### Changing Bands

Press the “**XM**” or “**AUX**” button to switch between AM and FM bands.

### Store Presets

Press and hold the preset button (1-6) for 2 seconds where you wish to store the preset. An audible beep will be heard when station has been stored sucessfully.

### Recall Presets

Press the preset button (1-6) for the preset you wish to recall.

### Changing Display

Press the “DISP” button to toggle between HD artist and HD title.

## 8. Selecting AUX Input

### Entering Mode Select Menu

Press the “AM-FM” button then press the “XM or “AUX” button. Turn the rotary TUNE KNOB or press “TUNE ▲” until “AUX” is displayed. The PXAMG will auto select the mode after 6 seconds of inactivity.

## 9. Selecting Factory Installed Sat (if equipped)

### Entering Mode Select Menu

Press the “AM-FM” button then press the “XM or “AUX” button. Turn the rotary TUNE KNOB or press “TUNE ▲” until “SAT” is displayed. The PXAMG will auto select the mode after 6 seconds of inactivity.

### Factory Sat Operation

Refer to the owners’ manual that came with your vehicle.



## 10. Troubleshooting

Symptom	Cause	Remedy
Radio shows iPod not connected	iPod cable is not connected to iPod or Gateway.	Verify the docking cable is connected to the Media Gateway, and the iPod
I can not correctly control the iPod through the radio.	The iPod firmware may be out of date.	Update iPod firmware for free at <a href="http://www.apple.com/ipod/download">http://www.apple.com/ipod/download</a>
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. <b>YOU WILL NOT LOSE MUSIC</b> on the iPod by doing this reset
I don't see iPod artist or song information on the screen	The radio is displaying a different text field	Press the Text / Scan button to see text
I can't use my iPod's click wheel to select music	The iPod is in external control mode. This allows text to be displayed on the radio screen	Press the Aux / Sat button and select AUX 2 source to control the iPod manually using the click wheel
The Media Gateway does not recognize the HD Radio tuner (HDRT)	The HD tuner was not properly connected when the PXAMG was first connected and initialized.	HDRT must be connected <b>before the PXAMG is powered on</b> . Disconnect the PXAMG from the vehicles harness for 5 minutes. Verify the 8 pin DIN HDRT cable is securely connected at both ends before reconnecting the vehicle harness.
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.
When I listen to the factory AM or FM radio there is only static, no audio.	Factory antenna cable is connected to the HD Radio tuner.	Use Gateway to access HD Radio source. This will provide all AM and FM reception for your vehicle.
No AM or FM reception using the HD Radio source	Factory antenna cable is not connected to the HD Radio tuner (HDRT)	Remove from factory radio, connect into HDRT module. Note* some vehicles need to use the supplied antenna adaptor to make this connection.
HD Radio station quality fluctuates or is lost randomly	The HD Tuner is temporarily losing reception of the Digital HD Radio broadcast signal	This is expected performance. The Digital HD Radio playback will resume in areas of higher broadcast signal strength.

# 11. Warranty

## 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 iSimple® dealer. This warranty covers any supplied or manufactured parts of this product that, upon inspection by iSimple® 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, iSimple® 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 iSimple® 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, iSimple® will repair or replace the product at their discretion, if it is defective in material or workmanship providing it is returned to an Authorized iSimple® dealer, with **PROOF OF PURCHASE** from an authorized iSimple® 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. Re-orientate 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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Professionally Installed.**



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