



Expand Your Factory Radio

add

**Satellite
Radio**



**FORD
LINCOLN
MERCURY**

**Owner's Manual
Media Gateway
ISFD11**

PGHFD1

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Media Gateway & Optional Add-ons

*The Media Gateway will only support 2 inputs.



**Factory Radio
Not Included**

**Media Gateway Harness
Part #: PGHFD1**



**LCD Retention Harness
Part #: PGHFD1A**



**DVD Player
(not included)**



**Media Gateway
Part #: PXAMG**



PXAMGSR Cable



**MP3 Player
(not included)**



OR



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 SCC1 satellite radio tuner 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 Sirius Satellite Radio tuner (SCC1 sold separately) enabling full control of this device from the factory installed radio. It also retains original system features such as rear seat entertainment (if equipped).

2. Precautions

PREVENTING DAMAGE TO YOUR VEHICLE

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.

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

This section will inform you of the specific requirements for your factory radio to be compatible with the Media Gateway. These notes will inform you of any issues or circumstances that can affect the compatibility of our product with your radio, audio system, or accessories. Not all factory radios are compatible with the Media Gateway. The Media Gateway will only work on models equipped with the specifications listed below. Please read and understand these notes before proceeding:

Radio Requirements

All 2005-2008, select 2009-2010 Non-Navigation Center Stack** - All 2005-2008 radios, navigation or non-navigation, that feature an “AUX” or “SIRIUS” button are compatible.* Select 2009-2010 non-navigation center stack radios that feature a “Sirius” button are compatible. In these vehicles the Media Gateway emulates a satellite tuner, therefore it is required that the vehicle be either equipped with an external satellite tuner or be Satellite Radio ready.

*Refer to www.isimplesolutions.com for the most updated compatibility information.

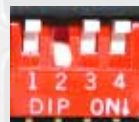
**Current vehicles equipped with center stack radio:

- 2009-2010 Ford F-150
- 2009 Ford Flex
- 2009 Lincoln MKS
- 2010 Ford Fusion
- 2010 Ford Mustang
- 2010 Lincoln MKZ
- 2010 Mercury Milan

4. Programming the Media Gateway (PXAMG)

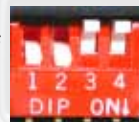
The Media Gateway may need to be programmed before installation. To program the interface you will need to set the dip switches located on the side of the interface to the proper configuration listed below. Prior to installation the switches are in their default setting of “off” in the up position and are turned “on” when switched down. Refer to the chart below.

4A. When installing the Media Gateway for use with the SCC1 Sirius Satellite Radio tuner, dipswitch 2 needs to be ON (down) prior to installation.



**In the event that Satellite Radio text appears on the radio and audio is playing but control of the Sirius tuner from the radio buttons is lost,*

1. Disconnect the Media Gateway from the vehicle harness
2. Switch dip-switch #1 to the ON position
3. Wait five minutes
4. Reconnect the Media Gateway interface to the vehicle
Control of the iPod from the radio controls will now be possible.



5. Installation

IMPORTANT NOTE

If you are installing the Media Gateway into any of the following vehicles the PGHFD1A harness is also required:

2008-2010 Ford Escape Non-Navigation
2009-2010 Ford F-150 Non Navigation
2009 Ford Flex Non-Navigation
2008-2010 Ford Focus
2008-2010 Mercury Mariner Non-Navigation
2009 Lincoln MKS Non-Navigation
2010 Ford Fusion Non-Navigation
2010 Ford Mustang Non-Navigation

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 covering the bolts that secure the radio into the dash cavity. Remove these bolts, and carefully pull the radio from the dash of the vehicle. This will provide access to the factory radio connectors where you will connect the Media Gateway harness.

3. Disconnect the factory 24-Pin and 16-Pin harnesses from the back of the radio. Disconnect the antenna from the radio.

4. When connecting the Satellite Radio tuner (SCC1 sold separately), make the following connections **before connecting the PXAMG to the vehicle**. Plug the black end of the 3 foot PXAMGSR cable (8-Pin mini-din to 8-Pin mini-din) into the second port (closest to the dipswitches) on the Media Gateway. Connect the gray end of this cable into the Satellite Radio tuner.

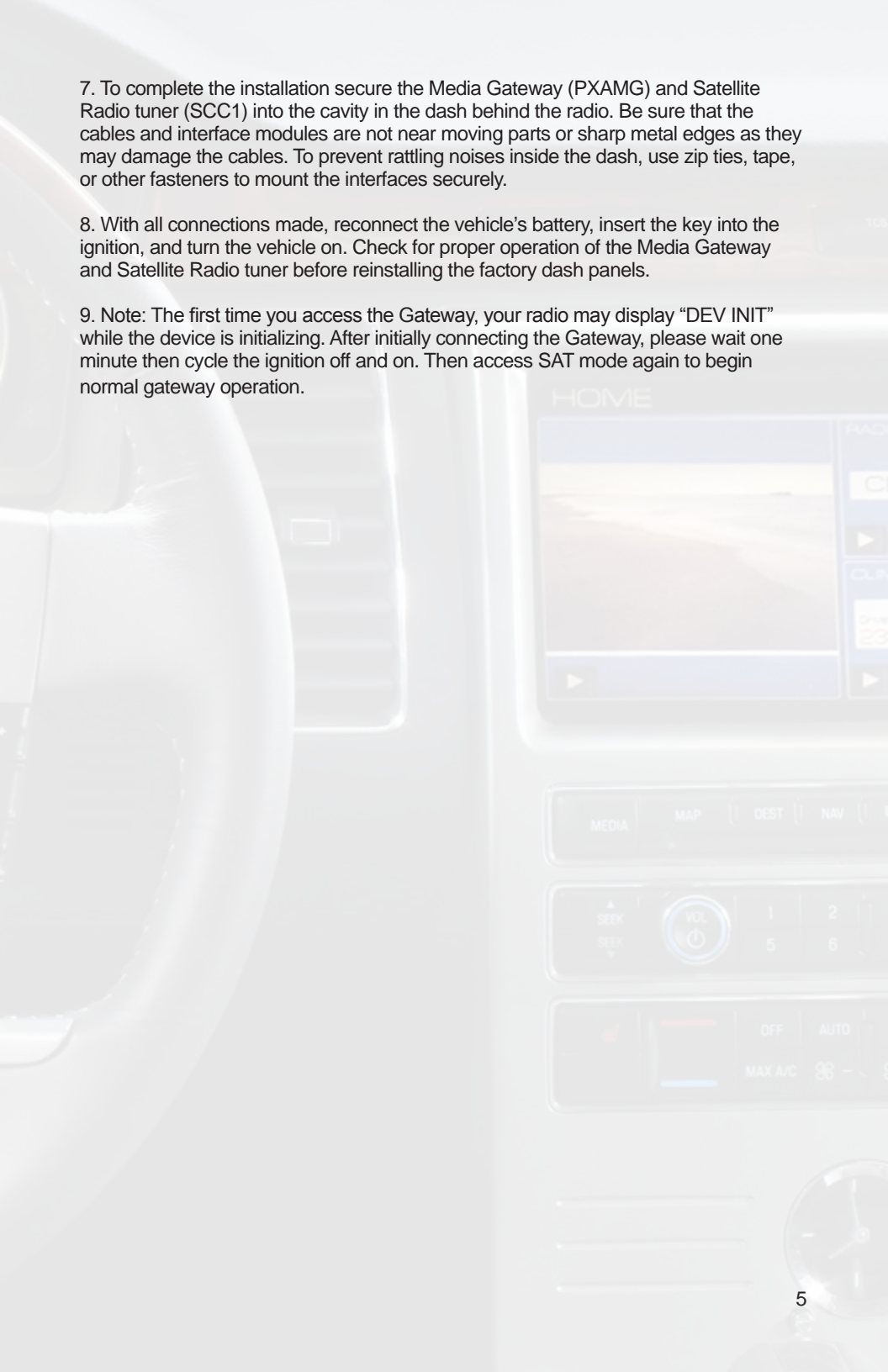
5. When connecting the auxiliary cable, plug the 8 pin mini-din into the port farthest from the dipswitches. Carefully run the auxiliary cable to the location where the auxiliary device will be stored. If you are using the RCA input it may be necessary to run the auxiliary device's output cable to the PXAMG location.

6. Plug in the male connectors on the PGHFD1 harness into the 24-pin port and 16-pin port on the back of the radio. Next, connect the factory 24-pin and 16-pin harness (if present) into the female connectors on the PGHFD1 harness. Be sure to make a firm connection but do not force it. If you are using the PGHFD1A harness, the 4 pin plug on this harness will connect to the 4-Pin plug on the PGHFD1 harness. The 12 pin plug on this harness will replace the current 12-pin harness connected to the LCD screen mounted above the radio. Disconnect the factory 12-Pin harness and do not reconnect. Plug the 12-Pin connector of the PGHFD1A harness into the LCD display. Again make a firm connection, but do not force. Plug the black micro-fit 24-pin connector on the PGHFD1 harness into the PXAMG Media Gateway box.

7. To complete the installation secure the Media Gateway (PXAMG) and Satellite Radio tuner (SCC1) 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, 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 Satellite 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. After initially connecting the Gateway, please wait one minute then cycle the ignition off and on. Then access SAT mode again to begin normal gateway operation.



6. Sirius Satellite Radio Operation (Non-Navigation Radios)

Press the AUX or Sirius button repeatedly (Must press SR icon & then use the SR123 icon on navigation radios) until "SIR-1" is displayed on the screen.

*** NOTE When you press the AUX or SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Gateway mode will be displayed (HD Radio/iPod/Sir1 - Sir 2 - Sir 3/Line In)

Channel Up

Press the ▲ button to move up through the channels

Channel Down

Press the ▼ button to move down through the channels

Category Selection

Press the Menu button until "SAT CAT" is displayed. Immediately press the ▲ button to scroll through the categories. Stop when the category you want is displayed and it will automatically be selected by the PXAMG.

Store Presets

Press and hold the preset button on which you want to store the channel

Recall Presets

Press the button that corresponds with the channel you want to recall

Changing Display

Press the Text button to display artist and track information

Sirius Satellite Radio Operation (Navigation Radios)

Press the AUX or Sirius button repeatedly (Must press SR icon & then use the SR123 icon on navigation radios) until "SIR-1" is displayed on the screen.

*** NOTE When you press the AUX or SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Gateway mode will be displayed (HD Radio/iPod/Sir1 - Sir 2 - Sir 3/Line In)

Channel Up

Press the Tune ▲ button to move up through the channels

Channel Down

Press the Tune ▼ button to move down through the channels

Category Selection

Press Preset 6 to bring up the Categories menu. Press the ▲ or ▼ icons on the screen to scroll through the categories. Press the icon that represents the category you wish to select.

Store Presets

Press and hold the preset button on which you want to store the channel

Recall Presets

Press the button that corresponds with the channel you want to recall

7. Selecting AUX Input

Press the AUX or Sirius button repeatedly (Must press SR icon & then use the SR123 icon on navigation radios) until "AUX" is displayed on the screen.

*** NOTE When you press the AUX or SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Gateway mode will be displayed (HD Radio/iPod/Sat1 - Sat 2 - Sat 3/Line In)

For instructions on the operation of the factory installed Satellite Radio tuner, please reference the owners's manual supplied with the vehicle.

8. Troubleshooting

Symptom	Cause	Remedy
Radio shows "DEV INIT"	Media Gateway device is initializing.	This only occurs the first time the Media Gateway is powered on. Wait a few minutes, cycle ignition off and on then enter SAT mode.
The Media Gateway does not recognize the SCC1	The SCC1 tuner was not properly connected when the PXAMG was first connected and initialized.	SCC1 must be connected before the PXAMG is plugged in. Disconnect the PXAMG from the vehicle harness for at least 5 minutes. Verify the 8 pin PXAMGSR cable is securely connected at both ends before reconnecting the vehicle harness.
I hear the Satellite Radio but the separate screen does not display the information.	The PGHFD1A harness is required for vehicles equipped with a separate LCD screen.	Install the PGHFD1A harness as described on page 4.

9. 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. 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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