

**Expand Your Factory Radio**

add

# Satellite Radio



**GM**  
**11-bit & 29-bit LAN**

**Owner's Manual**  
**Gateway**  
**ISSR12**



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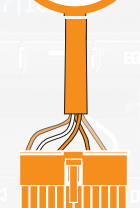
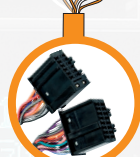
# Gateway & Optional Add-ons



**Factory Radio  
Not Included**



**GateWay Harness  
Part #: PGHGM1**



**GateWay  
Part #: PXAMG**



OR



**Port 2**

**HD Radio  
OR**

**iPod Input  
OR**



**SXV100 Tuner  
(not included)**



**Bluetooth**

OR



**AUX Input**

# 1. Introduction

Thank you for purchasing the iSimple® GateWay. The GateWay is designed to provide endless hours of listening pleasure from your factory radio. To ensure that your satellite tuner performs correctly with your radio, we recommend that you read this entire manual before attempting installation of the GateWay.

The GateWay allows connectivity for Sirius/XM Satellite Radio (SXV100 sold separately) enabling full control of this device from the factory installed radio.

## 2. Precautions

### PREVENTING DAMAGE TO YOUR VEHICLE

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.

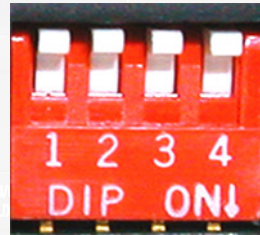


### 3. Compatibility

Your vehicle MUST either be equipped with, or have the ability to support Satellite Radio. 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

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.

**Please Note: If the radio is equipped with a built in CD Changer, you must remove ALL discs before proceeding to prevent damage to the radio's CD mechanism.**

2. Carefully remove the trim panels covering the 7mm 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 GateWay harness.
3. Disconnect the factory 16-Pin harness and 14-Pin harness from the back of the radio.
4. When connecting the Satellite Radio tuner (SXV100 sold separately), make the following connections **before connecting the GateWay to the vehicle**. Plug the black end of the 3 foot ISSR12 (8-Pin mini-din to 10-Pin mini-din) into the first port (farthest from the dipswitches) on the GateWay. Connect the gray end of this cable into the Satellite Radio tuner.
5. Plug in the male connectors on the PGHGM1 harness into the 16-pin port and 14-pin port on the back of the radio. Next, connect the factory 16-pin and 14-pin harness into the female connectors on the PGHGM1 harness. Be sure to make a firm connection but do not force it. Plug the Black micro-fit 24-pin connector on the PGHGM1 harness into the GateWay.
6. To complete the installation secure the GateWay (GateWay) and Satellite Radio tuner (SXV100) 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.
7. 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 GateWay and Satellite Radio tuner before reinstalling the factory dash panels.
8. 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. Non-Navigation Radios

### Basic Features

#### Entering Mode Select Menu

Press the **BAND** button until “**XM**” is displayed on the screen. Immediately turn the **TUNE KNOB** in the top right corner to scroll through the available sources. Once “**SIRIUS/XM**” is displayed, press the **FWD>>** button to select the displayed mode.

#### Channel Up

Turn the **TUNE KNOB** clockwise to move up through the channels

#### Channel Down

Turn the **TUNE KNOB** counter-clockwise to move down through the channels

#### Category Selection

Press the **CAT** button then press the button that corresponds with the category you wish to select.

#### Store Presets

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

Please Note: If you are using the GateWay to add Sirius/XM but still have factory XM installed, it is important to keep the presets in separate banks.

#### Recall Presets

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

#### Changing Display:

Press the “**I**” button to display artist and track information

#### Steering Wheel Controls

Press the “**▲**” button to cycle up through the categories.

Press the “**▼**” button to cycle down through the categories.

Press the “**►**” button to move up through the channels.

## Advanced Features

The SXV100 satellite radio tuner offers advanced features such as the ability to tag an artist, song or sports game and be alerted whenever they are playing. The GateWay has the ability to store 50 artists, songs or games in any combination.

It also offers an instant replay feature in which the tuner records the last 30 minutes of playback and gives you the ability to fast-forward, rewind, skip backwards or forwards in one minute intervals or skip backwards or forwards by track.



# Artist/Song/Game Tagging

## Tagging an Artist or Song

To initiate tagging of an artist or song press and hold the <<**SEEK** button to enter the tagging menu. Use the **TYPE>>** button to choose favorite artist or favorite song. Press the <<**SEEK** button to select the displayed option. “**Saved**” and then “**# of 50**” will be displayed.

**PLEASE NOTE:** If all 50 slots are full the radio will display “full” when you try to tag a favorite. If “unavailable” is displayed when you try to tag something, it means that the station is not currently sending the ID information for that song or artist. If you cannot choose either artist or song, then that info is also not being sent. Comedy, news and talk stations do not allow tagging. Non-Navigation radios cannot be in channel number text field when tagging. Any other text field will function properly.

## Tagging a Game

To tag a favorite team in games you must go into the SAT+ mode from the mode select menu.

Press the **BAND** button until “**XM**” is displayed on the screen. Immediately turn the **TUNE KNOB** in the top right corner to scroll through the available sources. Once “**SAT+**” is displayed, press the **FWD>>** button to select the displayed mode.

Once in SAT+ mode, use the **TUNE KNOB** to scroll to “**GAME**” and press the **FWD>>** button. Scroll through the different sport options (MLB, NFL, NHL, NBA, CFB, CBB) with the **TUNE KNOB**. Press the **FWD>>** button when you want to make a selection. Once in the selected sport, scroll through the cities with the **TUNE KNOB**. Press the **FWD>>** button to make a selection. An \* will appear next to the city once it has been selected.

## Alerts

Once you have tagged favorite artists, songs or games you will be alerted whenever any of these selections are broadcast. When an alert happens the radio will beep and display alert text in a flashing manner. Press the <<**SEEK** button to immediately tune to the alerted artist, song or game.

**PLEASE NOTE:** You must be in Sirius/XM mode for the alert feature to function.

## Viewing/Deleting Tagged Favorites

To view/delete what artists, songs or games you have tagged you must go into the SAT+ mode from the mode select menu.

Press the **BAND** button until “**XM**” is displayed on the screen. Immediately turn the **TUNE KNOB** in the top right corner to scroll through the available sources. Once “**SAT+**” is displayed, press the **FWD>>** button to select the displayed mode.



Once in SAT+ mode use the **TUNE KNOB** to scroll through song, artist or game. Once the option you wish to select is displayed, press the **FWD>>** button to choose. The first option in any category is “**Del All**”. If you select this “**CONFIRM**” will be displayed on the radio. Pressing the **FWD>>** button again will erase all tagged items in that category. Otherwise use the **TUNE KNOB** to scroll through the artists, songs or games. If you wish to delete one press the **FWD>>** button. “**CONFIRM**” will be displayed on the radio. Press the **FWD>>** button again to confirm and delete the displayed favorite.

## Instant Replay

### Instant Replay

To activate instant replay, press the **CATEGORY** button until you see “**I-Replay**” in the categories section. Press **I-Replay**. Once the I-Replay button is pressed the music will pause and the text “**IR**” will be displayed in front of the channel name. When the instant replay feature is active you have many options:

**Fast Forward/Rewind** - Press and hold **<<SEEK** to rewind or **SEEK>>** to fast forward

**Skip Forward/Backward by One Minute Intervals** - Press **<<SEEK** to skip back one minute at a time or **SEEK>>** to skip ahead one minute at a time

**Skip Forward/Backward by Song** - Turn the **TUNE KNOB** back one click to go back to the start of the song or turn the **TUNE KNOB** forward one click to advance to the next song.

Pressing the **►I** button on the steering Wheel Controls (SWC) at any time will turn the instant replay feature off and return you to the live broadcast (**29-bit vehicles only, Vehicle MUST be equipped with SWC**). If you have an 11-bit vehicle or your vehicle is not equipped with SWC you must fast-forward or skip forward to return to the live broadcast.

## 8. Navigation Radios Basic Features

### Entering Mode Select Menu

Press the “**XM**” icon on the navigation screen. Immediately turn the **TUNE KNOB** in the top right corner to scroll through available sources. Once “**SIRIUS/XM**” is displayed, press the “**►**” icon on the screen to select the displayed mode.

### Channel Up

Turn the **TUNE KNOB** clockwise to move up through the channels.

### Channel Down

Turn the **TUNE KNOB** counter-clockwise to move down through the channels.

### Category Selection

Press the “**Browse**” icon then press the icon that corresponds with the Category you wish to select.

## Store Presets

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

Please Note: If you are using the GateWay to add Sirius/XM but still have factory XM installed, it is important to keep the presets in separate banks.

## Recall Presets

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

## Changing Display:

Press the “i” button to display artist and track information

# Advanced Features

The SXV100 satellite radio tuner offers advanced features such as the ability to tag an artist, song or sports game and be alerted whenever they are playing. The GateWay has the ability to store 50 artists, songs or games in any combination.

It also offers an instant replay feature in which the tuner records the last 30 minutes of playback and gives you the ability to fast-forward, rewind, skip backwards or forwards in one minute intervals or skip backwards or forwards by track.

# Artist/Song/Game Tagging

## Tagging an Artist or Song

To initiate tagging of an artist or song press scan down to enter the tagging menu. Use category channel up to scroll through favorite artist or favorite song. Press category channel down to select the displayed option. “Saved” and then “# of 50” will be displayed.

**PLEASE NOTE: If all 50 slots are full the radio will display “full” when you try to tag a favorite. If “unavailable” is displayed when you try to tag something, it means that the station is not currently sending the ID information for that song or artist. If you cannot choose either artist or song, then that info is also not being sent. Comedy, news and talk stations do not allow tagging. Non-Navigation radios cannot be in channel number text field when tagging. Any other text field will function properly.**

## Tagging a Game

To tag a favorite team in games you must go into the SAT+ mode from the mode select menu.

Press the “XM” icon on the navigation screen. Immediately turn the **TUNE KNOB** in the top right corner to scroll through available sources. Once “**SAT+**” is displayed, press the “▶” icon on the screen to select the displayed mode.

Once in SAT+ mode, use the **TUNE KNOB** to scroll to “GAME” and press the “▶” icon. Scroll through the different sport options (MLB, NFL, NHL, NBA, CFB, CBB) with the **TUNE KNOB**. Press the “▶” icon when you want to make a selection. Once in the selected sport, scroll through the cities with the **TUNE KNOB**. Press the “▶” icon to make a selection. An \* will appear next to the city once it has been selected.



## Alerts

Once you have tagged favorite artists, songs or games you will be alerted whenever any of these selections are broadcast. When an alert happens the radio will beep and display alert text in a flashing manner. Press the **scan down** button to immediately tune to the alerted artist, song or game.

**PLEASE NOTE: You must be in Sirius/XM mode for the alert feature to function.**

## Viewing/Deleting Tagged Favorites

To view/delete what artists, songs or games you have tagged you must go into the SAT+ mode from the mode select menu.

Press the “XM” icon on the navigation screen. Immediately turn the **TUNE KNOB** in the top right corner to scroll through available sources. Once “**SAT+**” is displayed, press the “▶” icon on the screen to select the displayed mode.

Once in SAT+ mode use the **TUNE KNOB** to scroll through song, artist or game. Once the option you wish to select is displayed, press the “▶” icon to choose. The first option in any category is “**Del All**”. If you select this “**CONFIRM**” will be displayed on the radio. Pressing the “▶” icon again will erase all tagged items in that category. Otherwise use the Tune Knob to scroll through the artists, songs or games. If you wish to delete one press the “▶” icon. “**CONFIRM**” will be displayed on the radio. Press the “▶” icon again to confirm and delete the displayed favorite.

## Instant Replay

### Instant Replay

To activate instant replay, first press the category icon then press the down arrow on the screen until you see “I-Replay” in the categories section. Press I-Replay then press IR CHAN then press BACK. Once BACK is pressed the music will pause and the text “IR” will be displayed in front of the channel name. When the instant replay feature is active you have many options:

**Fast Forward/Rewind** - Press scan down to rewind or scan up to fast forward

**Skip Forward/Backward by One Minute Intervals** - Press category channel down to skip back one minute at a time or category channel up to skip ahead one minute at a time

**Skip Forward/Backward by Song** - Turn the **TUNE KNOB** back one click to go back to the start of the song or turn the **TUNE KNOB** forward one click to advance to the next song.

Pressing the ▶I button on the steering Wheel Controls (SWC) at any time will turn the instant replay feature off and return you to the live broadcast (**29-bit vehicles only, Vehicle MUST be equipped with SWC**). If you have an 11-bit vehicle or your vehicle is not equipped with SWC you must fast-forward or skip forward to return to the live broadcast.



## 9. Troubleshooting

Symptom	Cause	Remedy
The GateWay does not recognize the Satellite Radio Tuner (SXV100)	The Satellite Tuner was not properly connected when the GateWay was first connected and initialized.	The SXV100 must be connected to the GateWay <b>before the 24-pin vehicle harness</b> . Disconnect the GateWay from the vehicles harness for 5 minutes. Verify the ISSR12 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 GateWay is powered on. Wait a few minutes or cycle ignition off and on then enter SAT Mode.
Radio displays "UNAVAILABLE" when I try to tag a favorite artist or song.	The satellite radio station is not broadcasting any song or artist IDs at that time.  You are on a comedy, news or talk station.	
Radio will not let me select artist or song when tagging a favorite	The satellite radio station is not broadcasting the song or artist IDs at that time.	
Radio only displays channel number when trying to tag a favorite or when an alert happens	Radio is set to channel name text field	Change the text field by pressing the TEXT button
Radio displays "Full" when I try to tag a favorite.	All 50 save slots are full	Go into SAT+ mode and delete favorites to free up slots

# 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.



[www.isimplesolutions.com](http://www.isimplesolutions.com)



For Best Performance Have It  
Professionally Installed.



This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.



NOTES:



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