iSimple®

Expand Your Factory Radio

Installation Manual

iSimple Connect

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CONNECT® & Optional Add-ons

**Factory Radio
(Varies by vehicle)**

Connect Vehicle Harness
(Varies by vehicle)

iSimple Connect

HD Radio   OR   **SCC1 Tuner**   **USB Stick**   OR   **iPod/iPhone/iPad**

OR   OR   OR

AUX Input   OR   **SXV100/
SXV200 Tuner**   **Android Device**

1. Introduction

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

The CONNECT® allows connectivity for most USB devices (Android Device, iPod, iPhone, or iPad or flash drive), Bluetooth, Sirius Satellite Radio (cable and tuner sold seperately) and HD Radio (tuner sold separately), enabling full control of these devices from the factory installed radio. It also retains original system features such as satellite radio and rear seat entertainment (if equipped).

2. Precautions

UPDATING iPod/iPhone/iPad FIRMWARE
Updating the firmware prior to installation or future firmware updates for your iPod, iPhone, or iPad may affect the features and functions described in this manual.

PREVENTING DAMAGE TO YOUR VEHICLE OR DEVICE.
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

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

4. Dipswitch Settings

	Application	Dipswitch 1	Dipswitch 2	Dipswitch 3	Dipswitch 4
Acura	All Vehicles	Off	Off	Off	Off
Buick	All Vehicles	Off	Off	Off	Off
Chevrolet	All Vehicles	Off	Off	Off	Off
Ford	All Vehicles	Off	Off	Off	Off
GMC	All Vehicles	Off	Off	Off	Off
Honda	All Vehicles	Off	Off	Off	Off
Lexus	2010+ Vehicles equipped with navigation	On	Off	Off	Off
	All Other Vehicles	Off	Off	Off	Off
Lincoln	All Vehicles	Off	Off	Off	Off
Mercury	All Vehicles	Off	Off	Off	Off
Nissan	2004-2007 G35 2004-2011 Titan (excluding 2009 Mid-Line radio; see below) 2007-2009 Quest with Single Color Display	Off	On	Off	Off
	2007-2011 Frontier 2005-2006 Maxima 2007-2011 Xterra 2009-2011 370z 2011 Juke 2007-2011 Altima 2009-2010 Cube 2007-2011 Rouge 2007-2011 Versa	Off	Off	On	Off
	2005-2006 Altima 2004-2007 Murano 2005-2008 350z	Off	On	On	Off
	2009-2011 Titan (Mid -Line Radio) Mid-Line radio being defined as a double din radio that is not fully integrated into the dash and is Satellite Radio compatible. 2007-2008 M35/45	On	On	Off	Off
Scion	All Vehicles	Off	Off	Off	Off
Toyota	2010-2011 Camry (Nav or Non-Nav)	On	Off	Off	Off
	2012+ vehicles equipped with non-navigation touchscreen radio	On	Off	On	Off
	Vehicles equipped with navigation	On	Off	Off	Off
	All Other Vehicles	Off	Off	Off	Off

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, please remove ALL discs before proceeding to prevent damage to the radio's CD mechanism.

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 harness(es) where you will plug in the CONNECT® vehicle harness.

3. Disconnect the factory harness(es) from the back of the radio. This may not be necessary on Honda, Toyota or Scion vehicles.

4. Select the location where the USB port will be mounted. This location will vary based on the vehicle and the customer's preference. The USB port can be mounted with the provided bracket or a 3/4" hole can be drilled somewhere to flush mount the port. Once mounted, carefully run the USB cable behind the radio to the CONNECT®. 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. Insert USB cable into the USB port on the CONNECT®.

5. Select the location where the microphone will be mounted. This location will vary based on the vehicle and the customer's preference. Once mounted, carefully run the microphone cable behind the radio to the CONNECT®. 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. Insert the 3.5mm microphone jack into the port on the CONNECT®.

6. Select the location where the reset switch will be mounted. This location will vary based on the vehicle and the customer's preference. Once mounted, carefully run the reset switch connector behind the radio to the CONNECT®. 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. Insert the reset switch plug into the 2-pin port on the CONNECT®.

7. Insert the 8-Pin auxiliary input cable to the second port on the CONNECT® if an additional auxiliary input is desired.

8. If installing the HD Radio Tuner (HDRT sold separartely) or Satellite Radio tuner (sold separartely), these devices MUST be installed before plugging in the 24 pin connector. Please refer to the manual included with each part for proper installation.

10. Plug in the male connector(s) on the CONNECT® vehicle harness into the port(s) on the back of the radio. Next, connect the factory harness(es) into the female connectors on the CONNECT® vehicle harness. Be sure to make a firm connection but do not force it. Plug the Black micro-fit 24-pin connector on the CONNECT® vehicle harness into the CONNECT® box.

11. To complete the installation secure the CONNECT® and any other modules 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.

**PLEASE NOTE: At this point in the installation we recommend pressing the reset button to clear the flash memory of the Connect. This will ensure that the interface initializes properly and is recognized by the radio.

12. 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 CONNECT® before reinstalling the factory dash panels. There is a green and red status LED located on the interface. When operating properly the green light will remain solid and the red light will flash with data activity.

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Expand Your Factory Radio

GM

Owner's Manual

iSimple Connect

1. iPod, iPhone or iPad Operation

The iSimple Connect allows you to use either USB input or Bluetooth for iPod, iPhone or iPad operation (Bluetooth mode is only supported by iPod Touch, iPhone or iPad)

Entering Mode Select Menu
Press the **BAND** button a few times until **"XM"** is displayed on the screen. Immediately turn the rotary **TUNE KNOB** to scroll through available sources. Once **"IPODUSB"** or **"IPODBT"** is displayed, press **PRESET 6** to select the displayed mode.

Next Track
Turn the rotary **TUNE KNOB** clockwise one notch to advance to the next track.

Previous Track
Turn the rotary **TUNE KNOB** counter-clockwise one notch to move back to the previous track.

Fast Forward
Press **PRESET 2** to fast forward the song that is playing. Press **PRESET 2** again to resume play.

Rewind
Press **PRESET 1** to rewind the song that is playing. Press **PRESET 1** again to resume play.

Entering Browse Menu / Select
Press **PRESET 3** to enter the browse menu or to make a selection while in the browse menu.

Menu UP
Press **PRESET 4** to move back one step in the browse menu.

Exit Browse menu
After 10 seconds on inactivity, the browse menu will exit automatically.

Browse Function Example: Browsing by Artist

Press PRESET 3 to enter the browse menu.
"PL:LIST" will appear on your display.
Turn the rotary TUNE KNOB until "AR:ARTIST" is displayed.
Press PRESET 3 to select browse by Artist.
The list of Artists on your Pod will be displayed one at a time in alphabetical order. "AR" will be displayed in front of the artist's name to indicate that you are searching for an artist.
Turn the rotary TUNE KNOB to cycle through the artists.
When the desired artist is displayed on the radio,
Press PRESET 3 to select the artist and display the albums by that artist.
The Albums from the selected Artist will be displayed one at a time in alphabetical order. "AL" will be displayed in front of the name of the album to indicate you are searching for an album.
Turn the rotary TUNE KNOB to cycle through the albums.
Once the desired album is displayed,
Press PRESET 3 to select the desired Album.
The first song in the album will be displayed. "TR" will be displayed in front of the song title to indicate that a "track" or song title is being displayed.
Turn the rotary TUNE KNOB to cycle through the songs in the selected album.
Songs are listed in the order in which they appear in the album, not alphabetically.
Once the radio displays the name of the desired song
Press PRESET 3 to select and play the desired song.
The display will automatically update to display and scroll the title of the chosen song.

2. USB Operation

The iSimple Connect allows you to use USB mode with a USB thumb Drive or phone with mass storage. These devices MUST be formatted to FAT 32 in order for the Connect to recognize them. The connect will only sipport files in MP3 format. The maximum amout of files the Connect supports is 8000.

Entering Mode Select Menu
Press the **BAND** button a few times until **"XM"** is displayed on the screen. Immediately turn the rotary **TUNE KNOB** to scroll through available sources. Once **"USB"** is displayed, press **PRESET 6** to select the displayed mode.

Next Track
Turn the rotary **TUNE KNOB** clockwise one notch to advance to the next track.

Previous Track
Turn the rotary **TUNE KNOB** counter-clockwise one notch to move back to the previous track.

Fast Forward
Press **PRESET 2** to fast forward the song that is playing. Press **PRESET 2** again to resume play.

Rewind
Press **PRESET 1** to rewind the song that is playing. Press **PRESET 1** again to resume play.

Entering Browse Menu / Select
Press **PRESET 3** to enter the browse menu or to make a selection while in the browse menu.

Menu UP
Press **PRESET 4** to move back one step in the browse menu.

Exit Browse menu
After 10 seconds on inactivity, the browse menu will exit automatically.

Browse Function Example: Browsing by Folder

Press PRESET 3 to enter the browse menu.
"FOLDER" will appear on your display.
Press PRESET 3 to select browse by Folder.
The list of Folders on your device will be displayed one at a time in alphabetical order.
Turn the rotary TUNE KNOB to cycle through the Folders.
When the desired Folder is displayed on the radio,
Press PRESET 3 to select the Folder and display the Files in that folder.
The Files from the selected Folder will be displayed one at a time in alphabetical order.
Turn the rotary TUNE KNOB to cycle through the Files.
Once the desired File is displayed,
Press PRESET 3 to play the desired File.
The display will automatically update to display and scroll the title of the chosen song.

3. Selecting AUX Input

Entering Mode Select Menu
Press the **BAND** button a few times until **"XM"** is displayed on the screen.
Immediately turn the rotary **TUNE KNOB** to scroll through available sources.
Once **"AUX 1"** or **"AUX 2"** is displayed, press **PRESET 6** to select the displayed mode.

4. Selecting Factory Installed Sat
(if equipped, 2010+ vehicles only)

Entering Mode Select Menu
Press the **BAND** button a few times until **"XM"** is displayed on the screen.
Immediately turn the rotary **TUNE KNOB** to scroll through available sources.
Once **"SAT"** is displayed, press **PRESET 6** to select the displayed mode.

Factory Sat Operation
Refer to the owners' manual that came with your vehicle.

5. Bluetooth Operation

IMPORTANT NOTE: The radio MUST be in factory satellite radio or a Connect source (USB, iPod, AUX etc) in order for the Bluetooth handsfree to function. If you switch to AM, FM or CD mode the Bluetooth will automatically disconnect from your phone and you must use the handset.

Pair Your Phone
To use your phone with the Connect you must first pair it. Enter your phone's Bluetooth menu and search for a new device. It should discover the device named "iSimple Connect". If prompted for a PIN code enter 0000, otherwise just select "Pair".

Selecting Bluetooth Mode
Press the **BAND** button a few times until **"XM"** is displayed on the screen. Immediately turn the rotary **TUNE KNOB** to scroll through available sources. Once **"BT"** is displayed, press **PRESET 6** to select the displayed mode.

Bluetooth Functions & Controls

1. Answer/End Call - Allows you to make, recieve & end phone calls directly from the factory radio. Press **PRESET 1** to answer/end a call.

2. Call Waiting - Allows you to receive a call while on another call. Press **PRESET 1** while in a call to answer a third party call. You can then use **PRESET 1** to switch between the callers. Press and HOLD **PRESET 1** to end third party calls.

3. Privacy Mode - Allows you to transfer the audio from the vehicle speakers to the handset. Press **PRESET 2** while in a call to switch to privacy mode.

4. Reject Call - Allows you to reject any incoming call. Press **PRESET 2** to reject an incoming call.

5. Voicedial - Activates the phone's voicedial feature. Press **PRESET 6** while in Bluetooth mode to activate voicedial.

6. Call History - Allows you to scroll through a list of the most recent incoming calls to your phone. Turn the **TUNE KNOB** while in Bluetooth mode to scroll through a list of your previous incoming calls.

7. Call Last # - Allows you to call the last incoming number to your phone. Press **PRESET 1** while in Bluetooth mode to call the last incoming number to your phone.

8. In Call Volume Adjust - Allows you to adjust the volume output of the interface while in a call. Turn the **TUNE KNOB** while in a call to adjust the volume.

9. **Menu** - Allows you to adjust settings such as phone volume, streaming audio volume (A2DP), microphone volume, search for other Bluetooth devices, pair/ remove devices & reset the interface. See below for menu functions and operation.

IMPORTANT NOTE
In order to access the Voicedial, Call History, Call Last Number & Menu functions, the factory radio MUST be in Bluetooth mode.

Menu Functions

Accessing the Bluetooth Menu
While in Bluetooth mode press **PRESET 3** to enter the menu. Once in the menu you can use the **TUNE KNOB** to scroll through the options. Press **PRESET 3** while in the menu to select the displayed option.

1. Settings - Allows you to perform a search for other Bluetooth enabled devices, adjust the phone volume and adjust the microphone volume.

2. Device - Allows you to see if a device is paired and the name of the paired device. Allows you to connect and disconnect with paired devices as well as permanently delete paired devices.

Menu Function Example: Adjusting the Microphone

>Press **PRESET 3** while in Bluetooth mode to enter the menu.
>Radio displays **"Settings"**.
>Press **PRESET 3** to select Settings.
>Radio displays **"BT Search"**.
>Turn the **TUNE KNOB** until **"Mic Volume"** is displayed.
>Press **PRESET 3** repeatedly to adjsut the microphone volume. Once the volume has reached its max limit it will roll back to one and begin to go up again.

Menu Function Example: Viewing Revision

>Press **PRESET 3** while in Bluetooth mode to enter the menu.
>Radio displays **"Settings"**.
>Turn the **TUNE KNOB** until **"Revision #"** is displayed.
>Press **PRESET 3** to view the revision number. Turn the **TUNE KNOB** to toggle between the NXP & IMX revision numbers.

A2DP Streaming Audio

A2DP Streaming Audio allows you to stream audio wirelessly from your device.To stream audio to your radio you must be in Bluetooth mode.

1. Play/Pause - Allows you to play/pause A2DP audio with the touch of a button. Press **PRESET 2** to play/pause whatever music source is selected.

2. Track Forward/Back - Allows you to change tracks while streaming audio. Turn the **TUNE KNOB** or press the **TUNE** buttons to change tracks.

6. Updating the Interface

Please visit *iSimplesolutions* for all updating instructions and up to date firmware files.

7. Troubleshooting

Symptom	Cause	Remedy
Radio shows "DEV INIT"	Connect device is initializing	This only occurs the first time the Connect is powered on or after it has been reset. It may take up to one minute for the device to initialize. Once this process is over you can begin Connect operation.
Radio shows iPod not connected	iPod cable is not connected to iPod or Connect; the iPhone is not paired via Bluetooth	Verify the USB docking cable is plugged into the Connect and the iPod. If you are using Bluetooth mode make sure that the device is paired with the Connect.
I don't see iPod, iPhone, or iPad artist or song information on the screen	You are in Bluetooth mode.	Switch to IPODBT mode using the mode select menu.
USB Device is not recognized	Device must be formatted to FAT32	Use a PC to format device to FAT32
Phone is not recognized as a USB device	Phone is not set to disk drive mode or does not support the mass storage protocol.	Disconnect and reconnect the phone. Immediately set the phone to disk drive mode when prompted. If the phone does not give you a disk drive mode option, this means that it does not support the mass storage protocol. These devices can only be used through the Bluetooth or auxiliary modes.
My tablet will not stay connected via Bluetooth.	The tablet does not support the hands free profile (HFP) hands free profile	The connect requires that the paired device support the hands free profile (HFP). If your tablet does not support this type of connection it can only be used through USB or auxiliary mode.

iSimple®

Expand Your Factory Radio

**GM
Class II**

**Satellite Radio
Operation**

iSimple Connect

1. SXV100/SXV200 Operation

Basic Features

Entering Mode Select Menu
Press the **BAND** button a few times until "XM" is displayed on the screen. Immediately turn the **TUNE KNOB** to scroll through the available sources. Once **"SIRIUS/XM"** is displayed, press **PRESET 6** 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 Up
Press the **SEEK>** button to move up through the categories.

Category Down
Press the **<SEEK** button to move down through the categories.

Store Presets
Tune to the station you want to store as a preset. Press and hold the preset button on which you want to store the channel.

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

Changing Display:
Press the **DISPL** button to display artist and track information

Advanced Features

The SXV200 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 Connect 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 60 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 **PRESET 6** to enter the tagging menu. Use **PRESET 5** to choose favorite artist or favorite song. Press **PRESET 6** 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 a few times until **"XM"** is displayed on the screen. Immediately turn the **TUNE KNOB** to scroll through the available sources. Once **"SAT+"** is displayed, press **PRESET 6** to select the displayed mode.

Once in SAT+ mode, use the **TUNE KNOB** to scroll to **"GAME"** and press **PRESET 3**. Scroll through the different sport options (MLB, NFL, NHL, NBA, CFB, CBB) with the **TUNE KNOB**. Press **PRESET 3** when you want to make a selection. Once in the selected sport, scroll through the cities with the **TUNE KNOB**. Press **PRESET 3** 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 **PRESET 6** 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 a few times until **"XM"** is displayed on the screen. Immediately turn the **TUNE KNOB** to scroll through the available sources. Once **"SAT+"** is displayed, press **PRESET 6** to select the displayed mode.

Once in SAT+ mode use the **TUNE KNOB** to scroll through song, artist or game. Once the option you you wish to select is displayed, press **PRESET 3** to choose. The first option in any category is **"Del All"**. If you select this **"CONFIRM"** will be displayed on the radio. Pressing **PRESET 3** 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 **PRESET 3**. **"CONFIRM"** will be displayed on the radio. Press **PRESET 3** again to confirm and delete the displayed favorite.

Instant Replay

Instant Replay

To activate instant replay, press **PRESET 6**. Once **PRESET 6** 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 **PRESET 1** to rewind or **PRESET 2** to fast forward

Skip Forward/Backward by One Minute Intervals - Press **PRESET 3** to skip back one minute at a time or **PRESET 4** 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.

Play/Pause - Press PRESET 5 to play/pause

Pressing Preset 6 at any time will turn the instant replay feature off and return you to the live broadcast.

2. SCC1 Operation

Entering Mode Select Menu
Press the **BAND** button a few times until **"XM"** is displayed on the screen. Immediately turn the **TUNE KNOB** to scroll through the available sources. Once **"SIRIUS"** is displayed, press **PRESET 3** to select the displayed mode.

Channel Up
Turn the rotary **TUNE KNOB** clockwise to move up through the channels

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

Category Up
Press the **SEEK>** button to move up through the categories.

Category Down
Press the **<SEEK** button to move down through the categories.

Store Presets
Tune to the station you want to store as a preset. Press and hold the preset button on which you want to store the channel.

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

Changing Display
Press the **DISPL** button to display artist and track information

Symptom	Cause	Remedy
Radio shows "DEV INIT"	Connect device is initializing	This only occurs the first time the Connect is powered on. Wait a few minutes, cycle ignition off and on then enter SAT Mode.
Connect does not recognize the satellite tuner as a source	Satellite tuner was not plugged in during initialization.	Press reset button to clear the memory and re-initialize the Connect
Not all channels are being displayed	Connect is uploading channels	The first time the Connect sees the satellite tuner it takes some time to upload the channels. This is a one time process.
"Unavailable" is displayed when I try to save a favorite.	The channels is not sending the ID for that artist or song.	There is no remedy