

# XM Snap

## User Guide



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# Introduction

## Features

### **Congratulations on your purchase of the XM Snap!**

The XM Snap has these exciting features to enhance your overall experience:

- **Convenient and easy set up:** Just plug it into your vehicle power adapter socket, connect the antenna and begin listening to XM Radio immediately. For your convenience, the radio comes pre-activated with a 5 day courtesy period.
- **Large Easy-to-read display:** View artist name and song/program title as well as channel information such as channel name, number, and category on an easy-to-read display.
- **Flexible in-box audio connection options:** Use either the included Aux In Cable, or the built-in *PowerConnect* FM transmitter to play audio through your vehicle's stereo system.
- **Channel scanning:** Scan through the channels in a category to find the one you want to listen to.
- **Favorite channel presets:** Save and enjoy fast access to up to 5 of your favorite channels.
- **FM presets:** Store and quickly access 5 FM channels that give you the best audio reception when using *PowerConnect*.

**Please read the entire User Guide before using your Snap!**

## Safety and Care Information



**IMPORTANT!** Always read and understand all the instructions to avoid injury to yourself and/or damage to your device. SIRIUS XM Radio Inc. disclaims all responsibility for damage from data loss due to breakdown, repair, or other causes.

- Do not expose to extreme temperatures (above 140°F or below -4°F, or above 60°C or below -20°C).
- Do not expose to moisture. Do not use device near or in water. Do not touch the device with wet hands.
- Do not let any foreign matter spill into device.
- Do not store in dusty areas.
- Do not expose to chemicals such as benzene and thinners. Do not use liquid or aerosol cleaners. Clean with a soft damp cloth only.
- Do not expose to direct sunlight for a prolonged period of time, and do not expose to fire, flame, or other heat sources.
- Do not try to disassemble and/or repair the device yourself.
- Do not drop your device or subject it to severe impact.
- Do not place heavy objects on device.
- Do not subject device to excessive pressure.
- If the LCD screen is damaged, do not touch the liquid crystal fluid.

# Introduction

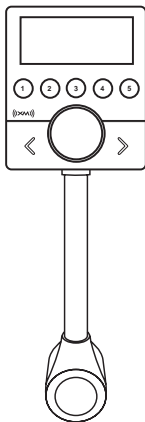
## Warning!

- Opening the case may result in electric shock.
- If the liquid crystal fluid comes in contact with your skin, wipe the skin area with a cloth and then wash the skin thoroughly with soap and running water. If the liquid crystal fluid comes into contact with your eyes, flush the eyes with clean water for at least 15 minutes and seek medical care. If the liquid crystal fluid is ingested, flush your mouth thoroughly with water. Drink large quantities of water, and induce vomiting. Seek medical care.
- Make sure that you insert the Snap all the way into the vehicle's cigarette lighter or power adapter socket.
- If you are using *PowerConnect* as your audio connection option, it is advisable not to insert a multi-outlet adapter into the same vehicle power adapter socket to simultaneously power other devices.
- When using this product, it is always important to keep your eyes on the road and hands on the wheel. Not doing so could result in personal injury, death, and/or damage to your device, accessories, and/or to your vehicle or other property.
- Vehicle installation and Radio configuration functions should not be performed while driving. Park your vehicle in a safe location before beginning installation.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

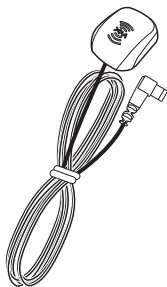
Your device should be placed in your vehicle where it will not interfere with the function of safety features, e.g., deployment of airbags. Failure to correctly place device may result in injury to you or others, if the unit becomes detached during an accident and/or obstructs the deployment of an airbag.



## What's in the Box?



Snap Radio



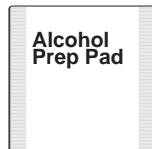
Magnetic Mount  
Antenna



Aux In Cable



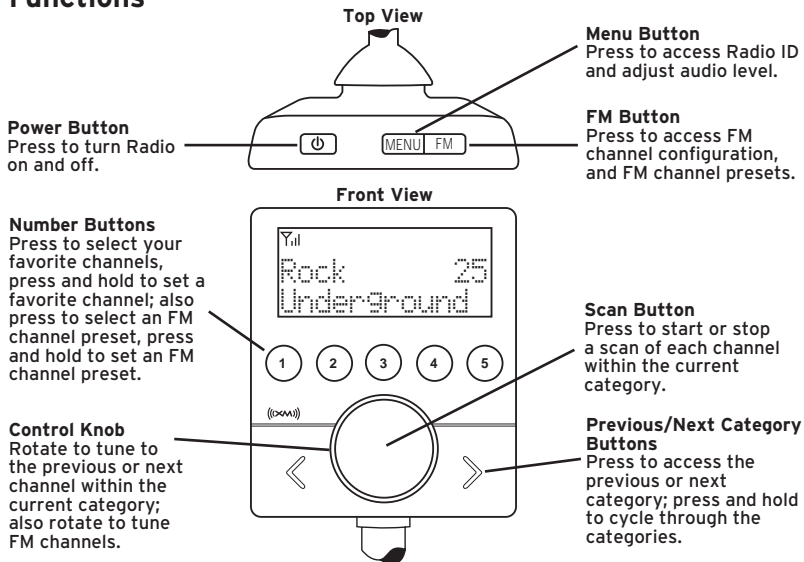
Cable  
Routing Adapter



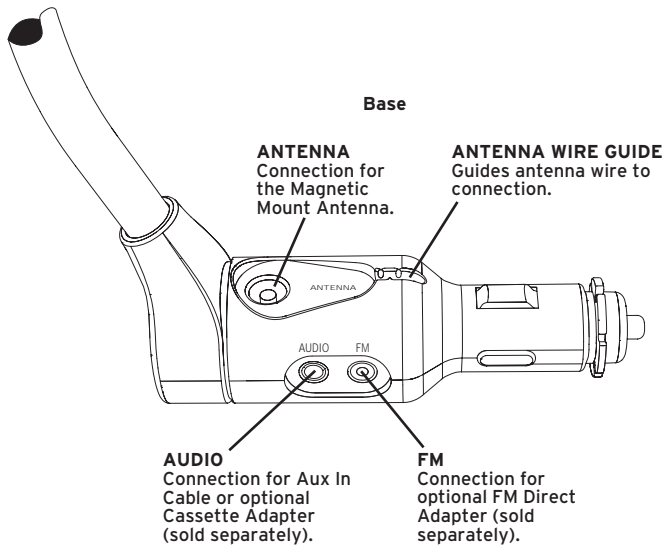
Antenna Alcohol  
Preparation Pad

# Introduction

## Snap Functions



## Snap Connections







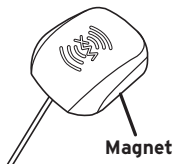
# Installation and Setup



**WARNING! DO NOT** attempt to install the Snap while driving. Park your vehicle in a safe location before beginning installation.

## Mount the Magnetic Mount Antenna

Mount the Magnetic Mount Antenna on the outside of your vehicle, on a horizontal surface that will always face the sky. The antenna contains a strong magnet that will stick to any metal part of your vehicle, but will not damage the vehicle.

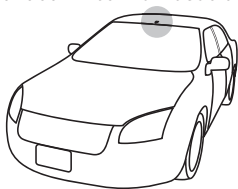


For most vehicles the best location is on the roof above the front windshield, as close to being centered between the left and right sides as the cable length will allow. For convertible vehicles that do not have room above the windshield, place the antenna on the hood of the vehicle at a corner nearest the windshield. Consult a professional installer if your vehicle roof or hood is non-metallic (i.e. fiberglass), or you have difficulty finding a location for your antenna.

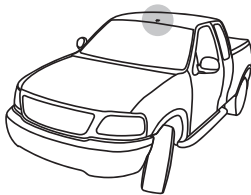


**IMPORTANT:** The Snap uses a unique antenna. Do not substitute an antenna from any other XM radio for the Snap antenna. Replacement Snap antennas are available from [xmradio.com/](http://xmradio.com/) accessories.

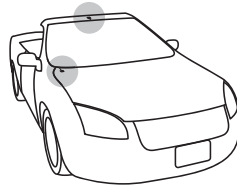
## Recommended Antenna Locations



Sedans and Coupes



Pickups and SUVs



Convertibles\*

\* If the antenna can not be placed above the windshield, place it on vehicle hood.



**TIP:** Detailed installation instructions, including videos, can be viewed at [xmradio.com/help/troubleshooting.xmc](http://xmradio.com/help/troubleshooting.xmc).



**TIP:** When mounting the Magnetic Mount Antenna, be sure that the area is clean and dry by using the Alcohol Prep Pad. Avoid locating the antenna near other antennas (i.e. GPS, Cellular, or AM/FM) as well as roof rack or other items that can obstruct the view to the satellites.

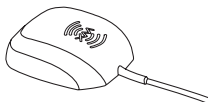


**IMPORTANT!** Consult a professional installer if your vehicle roof or hood is non-metallic (i.e., fiberglass), or you have difficulty finding a location for your antenna. (See [xmradio.com/accessories](http://xmradio.com/accessories) or visit your favorite retailer.)

# Installation and Setup

If you are installing the antenna at the roof edge, or hood edge, install the Cable Routing Adapter to direct the antenna cable downward.

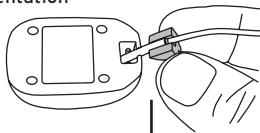
Without Cable Routing Adapter Installed



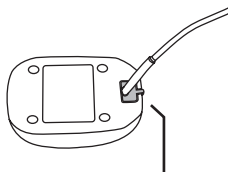
With Cable Routing Adapter Installed



Cable Routing Adapter orientation



Place the antenna wire into the groove of the Cable Routing Adapter



Slide the Cable Routing Adapter down the antenna wire and press it into the antenna until it is flush with the bottom of the antenna

## ***Recommended Antenna Cable Routing***

Press the antenna wire under the rubber molding around the front windshield to the nearest corner. Then route the cable out of the windshield molding and into the rubber weather stripping

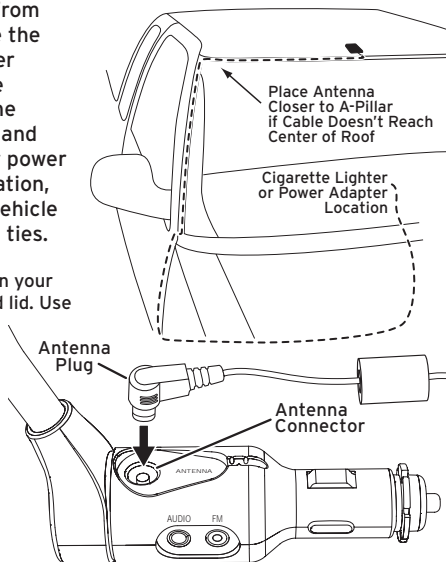


around the door opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Run the cable inside of the weather stripping to the bottom of the door opening. Hide the antenna wire inside the cabin. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the cigarette lighter power adapter socket. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties.



**TIP:** Always be careful to include enough slack in your routing to accommodate open doors or the hood lid. Use electrical tape to secure the cable in areas so that hinges do not pinch the cable with the door.

Plug the Magnetic Mount Antenna connector into the **ANTENNA** connector on the Snap base. The antenna plug and cable will fit into the recess on the top of the Snap base.



# Installation and Setup

## Find a Location for the Snap

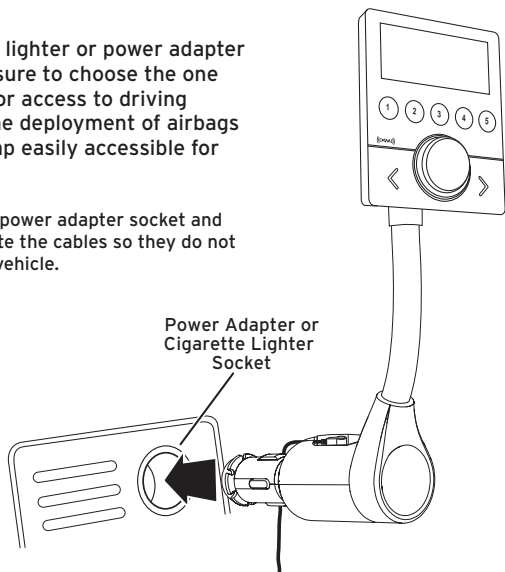
The Snap mounts into your vehicle's cigarette lighter or power adapter socket. If your vehicle has more than one, be sure to choose the one that doesn't interfere with the driver's vision or access to driving controls, the one which won't interfere with the deployment of airbags or other safety equipment, and makes the Snap easily accessible for operation.



**NOTE:** After plugging the Snap into the power adapter socket and connecting the cables, remember to route the cables so they do not interfere with the safe operation of the vehicle.



**NOTE:** Plug the Snap into the power adapter socket so that the **AUDIO** and **FM** connectors on the base are accessible for connecting the cables.

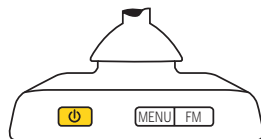


## Initiate the Courtesy Period

Before proceeding with connecting the audio, the Courtesy Period included with your Snap needs to be initiated:

- 1 Be sure the vehicle is outside and the antenna has a clear view of the sky.
- 2 Power on your Snap by pressing the **Power button**.
- 3 When Snap powers on, after the **Welcome to Sirius XM** message, you will be prompted to **Press 1, 2, 3 To Begin**. Press the number button **1**, then **2**, then **3**.
- 4 If the Magnetic Mount Antenna has been installed correctly, and Snap is receiving the XM signal, a **Courtesy Period Begun** message will verify that the Courtesy Period has begun. You will then be notified about the length of the Courtesy Period and prompted to set up the audio connection.
- 5 Snap will then tune to channel 247. Although at this point you have access to all the channels, leave it tuned to channel 247 until you have set up the audio connection.

If **Acquiring Signal, Chk Antenna Connection, or No Signal Chk Antenna** is displayed instead of the **Courtesy Period Begun** message, this indicates that you are not receiving the XM signal. Be sure the



A screenshot of the Snap's monochrome LCD display. The screen shows the text 'Press 1, 2, 3 To Begin' in a pixelated font. Above the text, there is a small icon of a signal tower and the letters 'FM'.

A screenshot of the Snap's monochrome LCD display. The screen shows the text 'Courtesy Period Begun' in a pixelated font. Above the text, there is a small icon of a signal tower and the letters 'FM'.

A screenshot of the Snap's monochrome LCD display. The screen shows the text 'Acquiring Signal' in a pixelated font. Above the text, there is a small icon of a signal tower.

# Installation and Setup

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vehicle is outside and the antenna has a clear view of the sky. Verify that you have installed and connected the antenna as described in “Mount the Magnetic Mount Antenna” on page 14.

Refer to “Troubleshooting” on page 38 for additional help.

## Connect the Audio

To play audio through your vehicle's stereo or FM radio, decide on one of the following audio connection options:

- **Option 1: Best:** Use the provided **Aux In Cable** if your vehicle's stereo system has an auxiliary input connection. Refer to your vehicle's owners manual to find the location of the auxiliary input jack, or consult the vehicle dealer. (Page 22)



**TIP!** The auxiliary input jack may be located on the face plate of the vehicle radio, on the back of the radio, anywhere on the front dash panel, inside the glove compartment, or inside the center console in between the front seats.

- **Option 2: Better:** Use a **Cassette Adapter** if your vehicle has a built-in cassette player. Cassette Adapters are sold separately and can be purchased from an electronics retailer, or go to [xmradio.com/accessories](http://xmradio.com/accessories). Follow the installation instructions in Option 1. (Page 22)
- **Option 3: Good:** Use the **PowerConnect** feature of the Snap. **PowerConnect** plays the audio through your vehicle's FM radio. (Page 23)
- **Option 4: Best:** Use the **FM Direct Adapter**. If none of the previous three audio connection options will work in your vehicle, then you will need to use the FM Direct Adapter (FMDA) (sold separately). The FMDA needs to be installed by a professional installer and directly connects the Snap to your vehicle's FM radio. To learn more, check with the retailer where you bought your Radio, or go to [xmradio.com/accessories](http://xmradio.com/accessories).

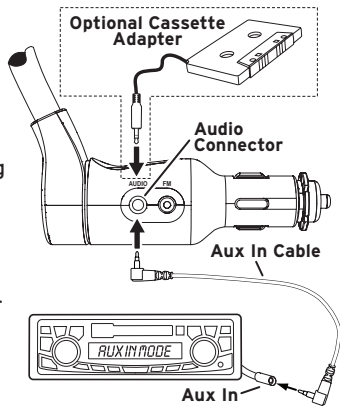
Follow the installation instructions in the next several sections for the audio connection option that you have selected.

# Installation and Setup

## Options 1 & 2: Aux In Cable Installation Instructions


- 1 Plug one end of the Aux In Cable into the **AUDIO** connector on the Snap base.
- 2 Plug the other end into the auxiliary input jack connection of your vehicle's stereo system.
- 3 Turn on your vehicle's stereo system. Set it to play input from the auxiliary input source (or cassette mode if using a cassette adapter). You should hear XM channel 247 through your vehicle's stereo system. The installation is complete. Proceed to "Subscribe" on page 26.
- 4 The audio level output of the Snap can be increased or decreased as necessary to match the audio levels of other sources in your vehicle. Refer to "Set Audio Level" on page 35.

If the signal reception is good, showing at least one antenna signal strength bar in the upper right corner of the display screen, but there is no audio when tuned to channel 247, be sure the vehicle's stereo system is set to the correct source, i.e., auxiliary input source (step 3). Also be sure that the audio level is set high enough to be heard (step 4). Refer to "Troubleshooting" on page 38 for additional help.



### Option 3: PowerConnect Installation Instructions

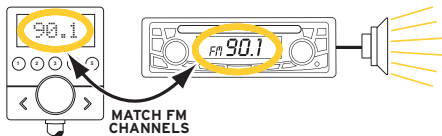
- 1 You'll first need to find an available FM channel. An available FM channel is one that's not being used by an FM radio station in your area. When you tune your FM radio to an available channel, you should only hear static or silence - not talk or music. We recommend one of the following methods to find an available FM channel:
  - a. Use the SIRIUS|XM FM Channel Finder at [xmradio.com/fmchannel](http://xmradio.com/fmchannel). Go to the website and enter your zip code. The Channel Finder will suggest a list of available FM channels in your area. For convenience, write down or print out the list.

OR
  - b. Manually tune through your local FM channels on your vehicle's FM radio. Locate and create a list of channels that aren't being used by any FM radio station. Write down the list. Once you have created your list of available FM channels, you will need to find the one that provides the best match for Snap.
-  **TIP!** You'll need to use the 'Manual' tune function on your vehicle's FM radio to tune through every FM channel one-by-one. Turn on your vehicle's FM radio. Start at 88.1 and use the 'Manual' tune function on your vehicle's FM radio to tune through each FM channel one-by-one (88.1 followed by 88.3 etc.) to locate channels that aren't being used by a local FM radio station. Write down each FM channel that has only static or silence on it, until you reach 107.9.
- 2 Pick the first FM channel on your list from step 1. Turn on your vehicle's FM radio (if you have not already done so) and tune it to this FM channel.

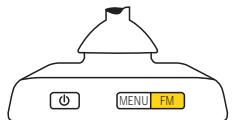
# Installation and Setup

**3** Set your Snap to transmit on the same FM channel that you have selected in step 1:

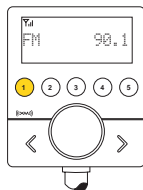
- Press the **FM button** on the top of the Snap. The **FM button** will illuminate to indicate the FM transmitter is on.
- Rotate the **Control knob** to select the available FM channel you chose in step 1.
- You should hear the XM channel 247 through your vehicle's FM radio. If you are satisfied with the sound quality installation is complete. If you are not, move to the next FM channel on your list, and tune your vehicle's FM radio and Snap to this new FM channel. Continue until you have found an FM channel with which you are satisfied.



**4** Once you have found a satisfactory FM channel to use, press and hold **1** until the **1 button** is illuminated. This FM channel is now set as FM preset 1.



Turn knob to set FM chan



FM 90.1  
FM1



- 5** Press the FM button or wait 10 seconds to exit the FM setup. Proceed to “Subscribe” on page 26.
- 6** The audio level output of the Snap can be increased or decreased as necessary to match the audio levels of other sources in your vehicle. Refer to “Set Audio Level” on page 35.
- 7** If the signal reception is good, but there is no audio when tuned to channel 247, verify that both the Snap and your vehicle’s FM radio are tuned to the same FM channel (steps 2 & 3). Also ensure the chosen FM channel is a suitable one to use in your area (step 1). Also be sure that the audio level is set high enough to be heard (step 6). Refer to “Troubleshooting” on page 38 for additional help.

# Installation and Setup

## Subscribe

Subscribe to the XM service by following these steps:

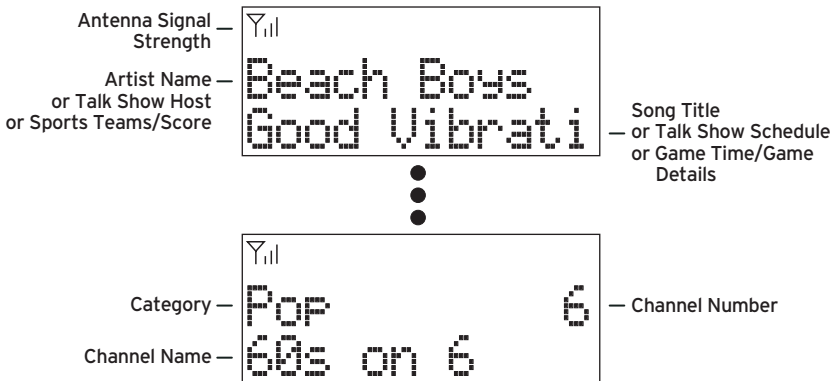
- 1 Make sure your Snap is turned on, and receiving the XM signal so that you can hear the XM audio.
- 2 Make a note of your Radio ID. You can find it by pressing **menu**, on a label on the bottom of the gift box, and on the label on the back of your Snap.
- 3 To subscribe:
  - Online: Go to **xmradio.com** and click on **Activate Radio**  
OR
  - By phone: Call **1-800-XM-RADIO** (1-800-967-2346)
- 4 Activation usually takes 10 to 15 minutes, but may take up to an hour. We recommend that your Radio remain on until subscribed. Once your radio is subscribed, any messages related to the Courtesy Period will not appear on the display.

# Using Your Snap

# Using Your Snap

## The Main Display

When listening to a channel, information about what is currently playing is displayed. The screen will alternate between the artist name and song title, and the current category name, and channel number.



## Navigation Basics

### Power Button

Pressing the **Power button** turns the Snap On or Off.



### Control Knob

Rotating the **Control knob** clockwise or counter-clockwise browses and selects channels within a category. It is also used to tune to an FM channel, and to change the audio level.



### Scan Button

Pressing the **Scan button** starts a scan through the channels in the current category. Each channel plays for 10 seconds. Pressing the **Scan button** again stops the scan and the radio tunes to the last channel being scanned.



### Previous/Next Category Buttons

Pressing the **Previous** or **Next Category button** selects the previous or next category. Pressing and holding cycles through the categories.



### Menu Button

Pressing **menu** once displays the Radio ID of your Snap. Pressing **menu** again displays the Audio Level option.



# Using Your Snap

## FM Button

Puts Snap in FM mode when using *PowerConnect* (or *FMDA*) as the audio connection option. When the **FM button** is pressed it will illuminate to indicate the FM transmitter is on. The display will show the current FM channel. You can then tune to a different FM channel, store an FM preset, or choose an FM preset while Snap is in FM mode.



## Number Buttons



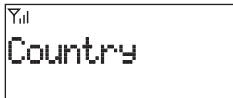
Each number button can store a favorite channel in its button location and provides one touch access to it afterward. Each button can also store an FM preset which can be selected by pressing the **FM button** and then a number button.

## Listening to Satellite Radio

### *Select a category:*

Channels are organized into categories to make it easier for you to find the ones that suit your taste.

- 1 To change to the next or previous category press and release the **Previous** or **Next Category button**. The radio will automatically tune to the default channel in that category. The default channel is



either the first channel in the category (if that category was never accessed before), or the channel that the radio was tuned to in that category when it was accessed the last time.

- 2 To view each previous or next category without changing categories, press and hold the **Previous or Next Category button**. Each category name will be briefly displayed. When the desired category is displayed, release the button to select the category. Snap will automatically tune to the default channel in that category.

#### *Tune a channel within a category:*

- 1 Rotate the **Control knob** to display the next or previous channel in a category.
- 2 Stop on a channel to tune to the channel.



**TIP!** The **All** category contains all subscribed channels. This is the default category when the Snap is powered up for the first time.



**TIP!** To briefly listen to each channel in the category, press the **Scan button**. Refer to “Scanning Channels in a Category” on page 32 to learn more about Scan.

## **Favorite Channels**

You can store up to 5 of your favorite channels so you can easily access them. Each favorite channel can be assigned to a number button.

# Using Your Snap

## *To assign a favorite channel to a number button:*

- 1 Tune to the desired channel.
- 2 Press and hold the number button **1-5** you want to assign to that favorite channel. A brief pause in the audio confirms that the favorite has been saved. The number button will be illuminated confirming that the channel was assigned.

## *To listen to a favorite channel:*

- 1 Press the number button **1-5** that was assigned to the desired favorite channel. Snap will tune to that channel and the icon corresponding to the number button will be illuminated on the display.



## Scanning Channels in a Category

You can scan a category and listen to a channel for 10 seconds before the radio automatically switches to the next channel.

### *To scan a category:*

- 1 Press the **Previous** or **Next Category** button until the desired category is displayed.
- 2 Press the **Scan** button. The scan will begin, and each channel will play for 10 seconds.
- 3 To stop the scan and tune to the channel currently being played, press the **Scan** button again.



## Tuning FM Channels

When using *PowerConnect*, you can tune to an FM channel to match the FM channel of your vehicle's stereo system.

### *To tune an FM channel:*

- 1 Press the **FM button** on the top of the Snap. The **FM button** illuminate to indicate the FM transmitter is on, and the display will show the current FM channel.
- 2 Rotate the **Control knob** to select the desired FM channel.
- 3 To exit, press the **FM button** or wait 10 seconds until the Snap exits to the main display screen.

## FM Presets

FM presets make it easy to store FM channels and then quickly access them..

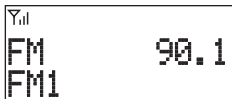
Use FM presets when you use *PowerConnect* to listen to your Snap through your vehicle's FM radio. (Refer to "Option 3: *PowerConnect* Installation Instructions" on page 23 for more information.)

### *To store an FM preset:*

- 1 Press the **FM button** on the top of the Snap. The **FM button** will illuminate to indicate the FM transmitter is on, and the display will show the current FM channel.

# Using Your Snap

- 2 Rotate the **Control knob** to select the desired FM channel.
- 3 Press and hold a number button **1-5** until the preset number (1-5) is displayed. The FM channel is now set as an FM preset.
- 4 To exit, press the **FM button** or wait 10 seconds until the Snap exits to the main display screen.



## *To access an FM preset:*

- 1 Press the **FM button** on the top of the Snap. It will light to indicate the FM transmitter is on.
- 2 Press the **1-5** button which contains your FM preset. The radio will tune to the FM preset and the number button corresponding to the preset will be illuminated.
- 3 To exit, press the **FM button** or wait 10 seconds until the Snap exits to the main display screen.



**IMPORTANT!** You need to ensure that your vehicle's FM radio is tuned to the same FM channel.



**TIP!** Be sure complete the FM functions while the **FM button** is illuminated.



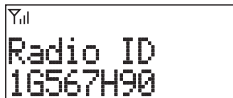
**TIP!** To configure your preset FM channels, you need to find available FM channels in your area. Follow step 1 in "Option 3: PowerConnect Installation Instructions" on page 23 to find available FM channels.

## Radio ID

Your Snap has an 8 character alphanumeric ID which uniquely identifies your Snap. This ID is used during the subscription process.

### *To display the Radio ID:*

- 1 Press the **menu button** on the top of the Snap. The **menu button** will illuminate and the Radio ID will be displayed.
- 2 Record your Radio ID on page 46.
- 3 To exit, press the **menu button** twice or wait 10 seconds until the Snap exits to the main display screen.



## Set Audio Level

The audio level of the Snap can be adjusted when an audio connection is made between the Snap and the vehicle's stereo system. Audio level is used to adjust the Snap's volume level to match the volume of other audio sources you may use, such as a CD player, other FM stations, or an MP3 player.

Do not use the audio level as a volume control. Use the volume control on your vehicle's stereo instead.

# Using Your Snap

## *To adjust the audio level:*

- 1 Press the **menu button** on top of the Snap twice. The **menu button** will illuminate.
- 2 Rotate the **Control knob** to increase or decrease the audio level.
- 3 To exit, press the **menu button** or wait 10 seconds until the Snap exits to the main display screen.

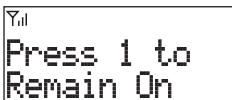


## Auto Shut Off

The Snap will automatically shut off after 6 hours of inactivity, i.e., no buttons have been pressed. This feature prevents the vehicle battery from being discharged if you forgot to turn your Snap off.



When the Snap is about to shut off, the message **Started Auto Shut Off** is displayed, followed by **Press 1 to Remain On**. If you wish to continue listening, press the 1 button.



## Demo Mode

Your Snap has a demo mode that starts playing when, for a prolonged period of time (more than 5 minutes), the Radio either detects it's not connected to the antenna, or the antenna stops receiving a signal. It disappears when the antenna is connected properly or when the Radio starts receiving a signal. You can also exit demo mode at any time, by pressing and holding the **1 button**.



# Troubleshooting

Snap has been designed and built to be trouble-free but if you experience a problem, try this:

- Check that all connections are firm and secure.
- Make sure the vehicle power socket is working, and clean and free of corrosion.
- Make sure you have connected the Snap as described in this User Guide. Verify that the Snap is fully plugged into the vehicle's cigarette lighter or power adapter socket. Your vehicle may need to be running to provide power to the socket.

<b>If you see this on the screen:</b>	<b>Try this:</b>
Acquiring Signal	<ul style="list-style-type: none"><li>• Make sure that the vehicle is outdoors with a clear view of the sky.</li><li>• Make sure the Magnetic Mount Antenna is mounted outside of the vehicle, in one of the locations shown on page 15.</li><li>• Move the antenna away from any obstructed area. For example, if you are parked in an underground garage, you should receive a signal after leaving the garage.</li><li>• Make sure that the antenna cable is firmly and securely plugged into the Snap. Make sure the cable is not bent or broken.</li><li>• If the message persists, most likely the Magnetic Mount Antenna cable has been damaged. Replace the antenna.</li></ul>
No Signal Chk Antenna	

If you see this on the screen:	Try this:
Courtesy Period Ended	<ul style="list-style-type: none"> <li>• The 5 day Courtesy Period included with your Snap has ended. Call the number shown on the screen to subscribe. Also refer to "Subscribe" on page 26.</li> </ul>
If this happens:	Try this:
You do not receive all the channels to which you subscribed	<ul style="list-style-type: none"> <li>• Ensure that you have subscribed by following the steps in "Subscribe" on page 26.</li> <li>• Go to <a href="http://www.xmradio.com/refresh">www.xmradio.com/refresh</a> and enter your Radio ID, and follow the instructions to refresh your activation signal.</li> <li>• Call 1-800-967-2346 for more assistance.</li> </ul>
Audio fades or has static when listening	<ul style="list-style-type: none"> <li>• Check all cables for a firm and secure connection.</li> <li>• If you are using <i>PowerConnect</i> to listen via your vehicle's FM radio, and the problem persists, it most likely is interference from another commercial or broadcast FM station. You will need to find an unused or available FM channel in your area. Refer to step 1 in "Option 3: <i>PowerConnect</i> Installation Instructions" on page 23.</li> <li>• If you are using <i>PowerConnect</i>, and you cannot solve the audio problem, try connecting the audio using the Aux In Cable or a Cassette Adapter. (Refer to page 22 and page 23.) If you cannot use those solutions, consider using an FM Direct Adapter. (Refer to page 21.)</li> </ul>

# Troubleshooting

If this happens:	Try this:
Audio sounds too soft	<ul style="list-style-type: none"><li>• Raise the volume of your stereo system or increase the audio level of your Snap until the sound quality improves. Refer to "Set Audio Level" on page 35.</li></ul>
No audio when using the Aux In Cable or Cassette Adapter	<ul style="list-style-type: none"><li>• Check all cables between your Snap and your vehicle's stereo system for firm and secure connections.</li><li>• Ensure you have selected the proper input source on your vehicle's stereo system.</li></ul>
No audio when using PowerConnect or FM/DA	<ul style="list-style-type: none"><li>• Check that your Snap and your vehicle's FM radio are tuned to the same FM channel.</li></ul>
No song title or artist name is displayed	<ul style="list-style-type: none"><li>• The information may not be available or updates may be in progress.</li></ul>
Traffic and Weather channels sound different from other channels	<ul style="list-style-type: none"><li>• These channels use a different audio technology than other channels so they often sound different from other channels.</li></ul>



# Product Specifications



# Patent and Environmental Information

## Patent Information

It is prohibited to, and you agree that you will not, copy, decompile, disassemble, reverse engineer, hack, manipulate, or otherwise access and/or make available any technology incorporated in this product. Furthermore, the AMBE™ voice compression software included in this product is protected by intellectual property rights including patent rights, copyrights, and trade secrets of Digital Voice Systems, Inc. The software is licensed solely for use within this product. The music, talk, news, entertainment, data, and other content on the Services are protected by copyright and other intellectual property laws and all ownership rights remain with the respective content and data service providers. You are prohibited from any export of the content and/or data (or derivative thereof ) except in compliance with applicable export laws, rules and regulations. The user of this or any other software contained in a SIRIUS|XM Radio is explicitly prohibited from attempting to copy, decompile, reverse engineer, hack, manipulate or disassemble the object code, or in any other way convert the object code into human-readable form.

## Environmental Information

Follow local guidelines for waste disposal when discarding packaging and electronic appliances. Your Radio is packaged with cardboard, polyethylene, etc., and does not contain any unnecessary materials.

Perchlorate Material - special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate) (Applicable to California, U.S.A.)

# FCC Statement

The user is cautioned that changes or modifications not expressly approved by SIRIUS XM Radio Inc. can void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

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

- Reorient or relocate the receiving antenna of the affected receiver.
- Increase the separation between the SIRIUS|XM equipment and the affected receiver.
- Connect the SIRIUS|XM equipment into an outlet on a circuit different from that to which the affected receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**WARNING!** The FCC and FAA have not certified this Satellite Radio Receiver for use in any aircraft (neither portable nor permanent installation). Therefore, SIRIUS XM Radio Inc. cannot support this type of application or installation.

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# Owners Record

## Owner's Record

The Radio model number is located below and the Radio ID is located on the label on the back of the Snap.

Record the Radio ID in the space provided below. Refer to these numbers whenever you call your dealer regarding this product.

Radio Model Number: XSN1

Radio ID: \_\_\_\_\_



**xmradio.com**

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