((SiriusXM))

User Guide

Starmate 8
Radio & Vehicle Kit

Table of Contents

Introduction

Features

Thank you for purchasing the Starmate 8 with Vehicle Kit!

Starmate 8 has these exciting features to enhance your overall experience:

- Choose from six different display colours to match your dash lights.
- Pause, rewind and replay live radio.
- Hear SiriusXM through your existing vehicle radio with easy, do-it-yourself installation.
- Browse other channels while listening to the current one.
- View artist name, song title, and channel information on the large colour display.
- Store your favourite channels for one touch access.
- Easily lock and unlock channels with mature content.
- One-Touch Jump™ to the previous channel to which you were listening.
- Listen in multiple vehicles, at home, in the office or outdoors - all with just one subscription.
- Vehicle Kit included – add accessories for your home, office, or other vehicles.

Please read through this User Guide before using your Starmate 8!

Introduction

Safety and Care Information

IMPORTANT! Self installation instructions and tips are provided for your convenience. It is your responsibility to determine if you have the knowledge, skills, and physical ability required to properly perform an installation. SiriusXM shall have no liability for damage or injury resulting from the installation or use of any SiriusXM or third party products. It is your responsibility to ensure that all products are installed in adherence with local laws and regulations and in such a manner as to allow a vehicle to be operated safely and without distraction. SiriusXM product warranties do not cover the installation, removal or reinstallation of any product.

- 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 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 *Power*Connect™ Power Adapter all the way into the vehicle's cigarette lighter or power adapter socket.
- If you are using *Power*Connect as your audio connection option, it is advisable not to insert a multi-outlet adapter into the same vehicle cigarette lighter or power adapter socket to simultaneously power other devices. Some multi-outlet adapters can prevent the *Power*Connect feature from working properly.
- When using this product, it is always important to keep your eyes on the road and hands on the steering 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, service activation, and Radio configuration functions should not be performed while driving. Park your vehicle in a safe location before beginning installation.

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.

Introduction

What's in the Box?
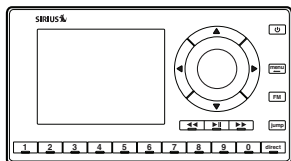
Starmate 8 Radio
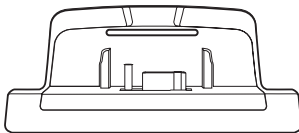
*Power*Connect™ Vehicle Dock

Vent Mount and
Extended Vent Clamps

Dash Mount

Aux In
Cable
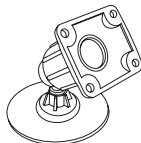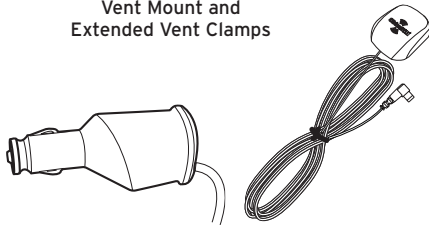
*Power*Connect
Power Adapter

Magnetic Mount
Antenna

Screws

Antenna & Dash Mount
Alcohol Preparation Pads

Introduction

Starmate 8 Functions

Up and Down Buttons
Press to preview and tune to channels through the channel lineup; also press to scroll through lists and highlight menu items.

Left and Right Buttons
Press to search for channels by category.

Power Button
Press to turn Radio on and off.

Select Button
Press to confirm selection of highlighted items in a menu or list.

Menu Button
Press to access advanced features and configuration options; in configuration options, press and hold to return to main display screen.
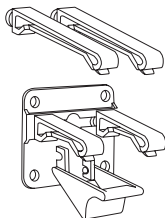
FM Button
Press to access and cycle through FM presets.

Jump Button
Press to go back to the previous channel to which you were listening.

SIRIUS

STARMATE 8

1 2 3 4 5 6 7 8 9 0 direct

Number Buttons
Press to tune to a stored favourite channel, press and hold to store a favourite channel; also enter a channel number.

Pause and Replay Buttons
Pause, rewind, and replay live radio.

Direct Button
Press first before entering the channel number, to directly tune to a channel.

Introduction

*Power*Connect Vehicle Dock

Colour-Coded Connections

The colour-coded *Power*Connect Vehicle Dock makes it simple to connect. Just match the colours on the cable ends to the colours on the dock to see what goes where.

Side View

Right　　　　　　**Left**

ANT　AUDIO　　　PWR　FM

ANT (Silver)
Connection for the Magnetic Mount Antenna.

AUDIO (Green)
Connection for Aux In Cable or optional Cassette Adapter (sold separately).

PWR (Red)
Connection for *Power*Connect Power Adapter.

FM (Blue)
Connection for optional FM Direct Adapter (sold separately).
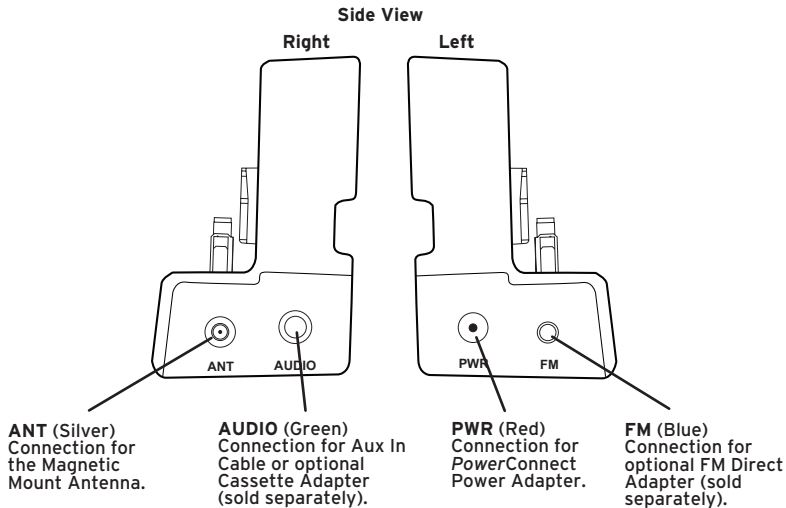
Introduction

Wire Guide

The *Power*Connect Vehicle Dock has a channel across the back to help organize the wires connected to the dock. If you need to bring a wire from one side of the dock to the other side, utilize the wire guide channel to keep the wires tidy.

Rear View

Wire Guide Channel
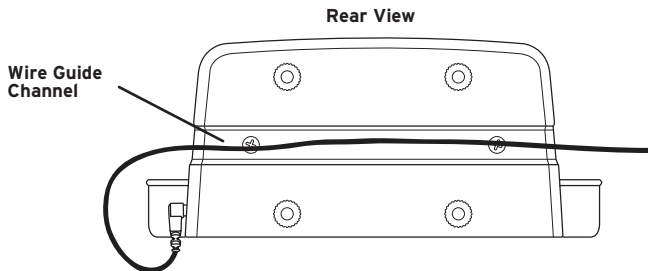
Vehicle Installation

WARNING! DO NOT attempt to install Starmate 8 while driving. Park your vehicle in a safe location before beginning installation.

Step 1: Choose a Location for Your Radio

When installing Starmate 8 in your vehicle, choose a location where it will not block your vision, interfere with the controls, or obstruct the air bag. The location should be easily accessible and provide good visibility of the display, and should not be located where it will be in direct sunlight, which will affect the visibility of the display screen.

Several examples of Starmate 8 mounted in a vehicle are shown: **A** is the on dash method using the Dash Mount, and **B** is the vent clip method using the Vent Mount.

Option 1
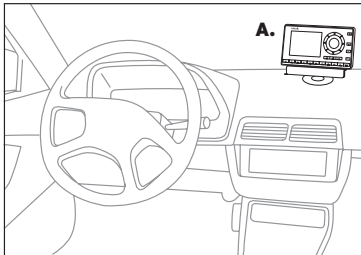
Option 2
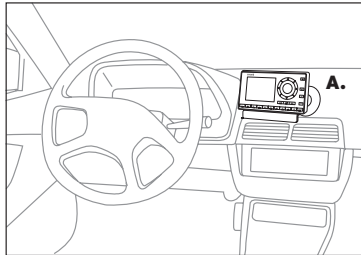
Vehicle Installation
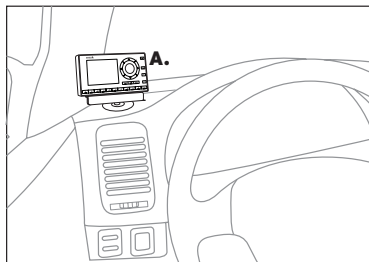
Option 3

Option 4
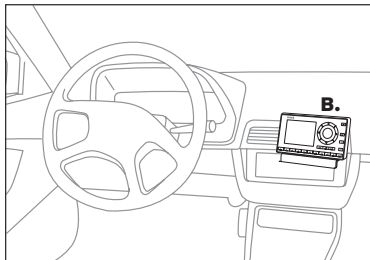
Option 5
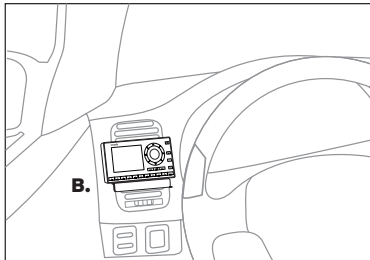
Vehicle Installation

Step 2: Install the Dash or Vent Mount

Follow the instructions on the next several pages for the mounting method you have selected.

> **NOTE!** The *Power*Connect Vehicle Dock included with the this Vehicle Kit is compatible with the T-slot style Dash and Vent Mounts. If you have an existing Dash Mount or Vent Mount in your vehicle, you can continue to use it with this dock, and skip this step.

Installing the Dash Mount:

> **CAUTION!** The adhesive used on the Adhesive Mount may be difficult to remove. Do not install this mount on leather surfaces (contact your automobile dealership if you are unsure about your dash surface), and make sure the air temperature is at least 60°F (15°C) during installation. If it's not at least 60°F, turn on the heater in your vehicle to bring the temperature up to 60°F.
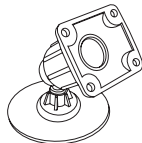
1. Locate a flat surface for the Adhesive Mount. Make sure there is ample room for the *Power*Connect Vehicle Dock and Radio when installed.

2. Set the orientation of the Adhesive Mount before adhering it. Loosen the knob and adjust the adhesive foot for the location you selected in "Step 1: Choose a Location for Your Radio" on page 11.

Option 1
Option 3   Option 2   Option 4
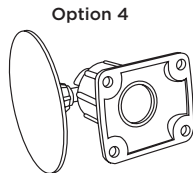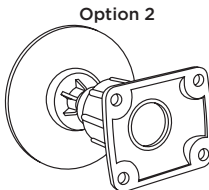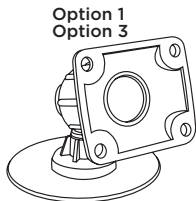
3. The dock mounting plate can be tilted in different directions. Adjust as

necessary for your particular vehicle. When the orientation is correct, tighten the knob.

Knob   Adhesive Foot   Dock Mounting Plate
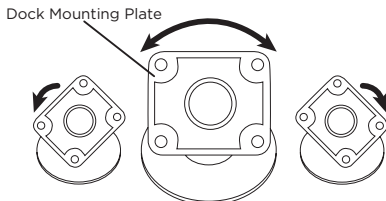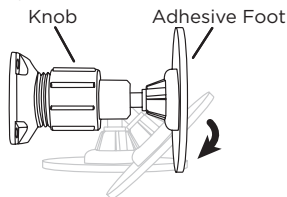
4. Attach the Adhesive Mount to the *Power*Connect Vehicle Dock using the 4 provided screws. If you plan to use the wire guide channel across the back of the Vehicle Dock to organize the wires, do not fully tighten the screws. If not, tighten the screws.
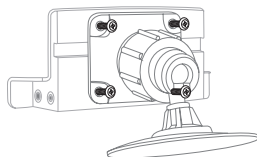
5. Once the cables have been attached to the dock, clean the mounting surface in the vehicle with the alcohol preparation pad and let it dry thoroughly.

6. Peel off the adhesive liner. Position, press, and hold the Adhesive Mount in place for 30 seconds.
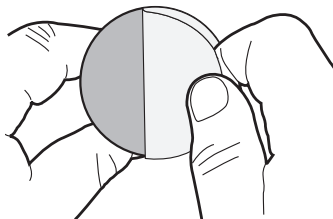
> **IMPORTANT!** Allow the Adhesive Mount adhesive to cure (dry) for a minimum of 2-4 hours before using the mount. The best adhesion occurs after 24 hours.

> **TIP!** To remove the Adhesive Mount, carefully lift the adhesive pad with your fingers or a spoon. Warming the pad with a hair dryer for several minutes will help soften the adhesive.

Vehicle Installation

Installing the Vent Mount:

IMPORTANT! To make the cable connections easier, wait until after you have connected all the cables to the dock before you attach the Vent Mount to a vent.

1. Locate a vent with horizontal louvers sturdy enough to hold your *Power*Connect Vehicle Dock and Starmate 8 Radio.

2. If the vent louvers in your vehicle are recessed, you may need to use the longer vent clamps with the Vent Mount. If so, remove the shorter vent clamps and install the longer ones into the Vent Mount. Be sure to observe the orientation of the vent clamps as shown, and replace both vent clamps.

Extended Vent Clamps

Vent Mount Rear View

Short Vent Clamps

Vent Mount Rear View

Slide Left Clamp to Hole in Center

Pull Clamp Out Towards You

Insert Round End of the Extended Clamp in the Center Hole

Slide Clamp to Left to Complete Installation

Repeat to Replace Right Clamp

Round End → ← Orientation
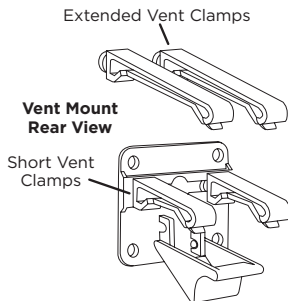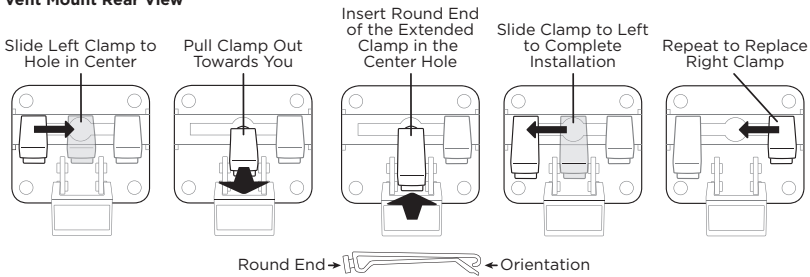
Vehicle Installation

3. Attach the Vent Mount to the *Power*Connect Vehicle Dock using the 4 provided screws. If you plan to use the wire guide channel across the back of the Vehicle Dock to organize the wires, do not fully tighten the screws. If not, tighten the screws.
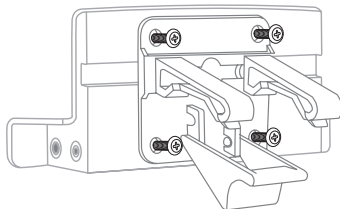
Note! For greater clarity, the next illustration does not show the dock attached to the Vent Mount, however, the dock should be attached before continuing.

4. Once the cables have been attached to the dock, push the Vent Mount onto the vehicle vent as shown (1) until it hooks on the rear of the vent louver (2).

5. Rest the foot against the bottom of the vent (2), and adjust the tilt of the Vent Mount by repositioning the foot to the other adjustment hole (3).
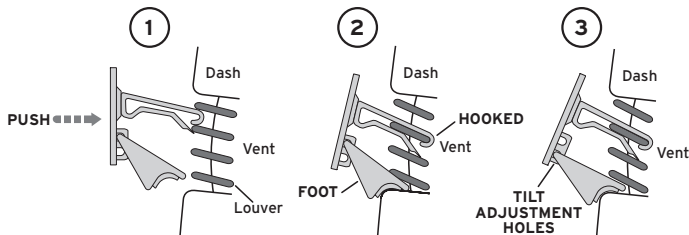
TIP! To remove the Vent Mount, push the mount into the vent. Then lift up until disengaged from the rear of the vent louver, and remove the Vent Mount.

Vehicle Installation

Step 3: 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 which will stick to any metal part of your vehicle, but will not damage the vehicle.

To install the Magnetic Mount Antenna:

1. Choose the best location for your antenna considering your own personal situation. Pay particular attention to any accessories that you may have like luggage racks and how frequently you may use them.

Magnet
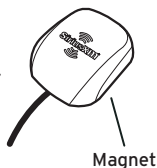
> **Sedan/Coupe:** We recommend mounting the antenna above either the front windshield or the back window as shown.
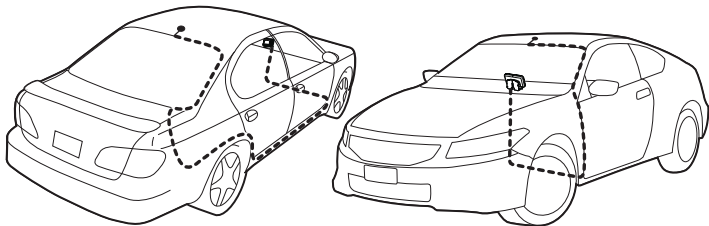
Vehicle Installation

SUV: We recommend mounting the antenna at the rear of the roof as shown.

Convertible: We recommend mounting the antenna at the leading edge of the trunk as shown.
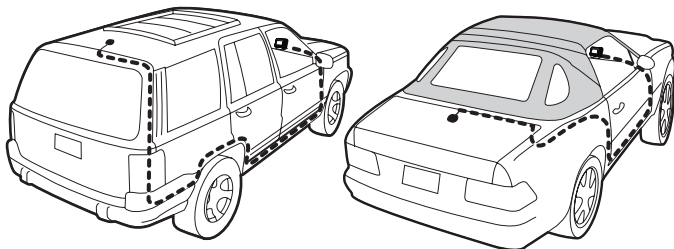
Pickup Truck: We recommend mounting the antenna above the front windshield as shown.

2. Clean the surface of the selected mounting location using the alcohol preparation pad and let it dry thoroughly.
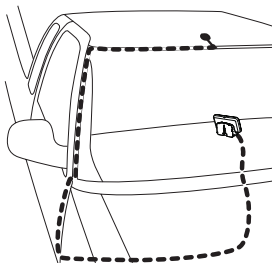
3. Follow the Tips and Cautions shown on the next several pages, and place the antenna in the location you selected.
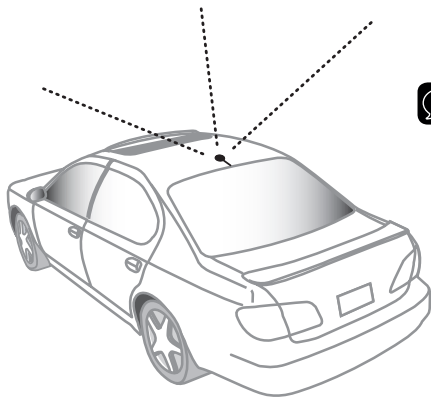
TIP! Mount the antenna on the roof (for most vehicles) or trunk (for convertibles) where it has a clear view of the sky in all directions.
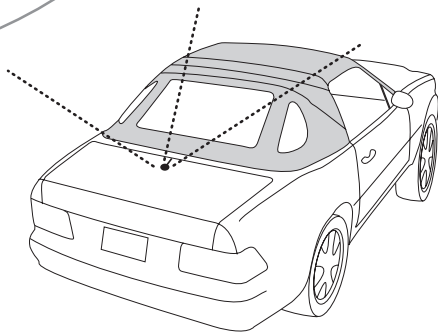
Vehicle Installation

CAUTION! Don't mount the antenna inside the vehicle, for example, on the dashboard.
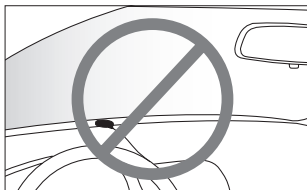
CAUTION! Don't mount the antenna on any of the vehicle's front, back or side pillars.
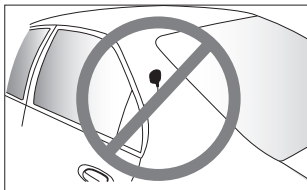
CAUTION! Don't mount the antenna close to a roof rack. Adjust the rack so it's further away from the antenna or move the antenna closer to the center of the roof.
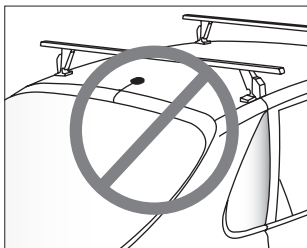
Vehicle Installation

CAUTION! Don't mount the antenna close to another antenna. Mount it at least 3 inches away.
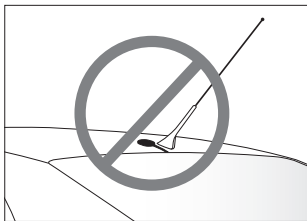
Vehicle Installation

Step 4: Route the Magnetic Mount Antenna Cable

Before you begin routing the antenna cable, read these general instructions for how to route and hide the antenna cable. Then route your antenna cable according to the instructions which follow for your specific type of vehicle.

Use a blunt plastic putty knife, a credit card, a plastic knife, or a similar blunt tool to lift the rubber window moulding

Tuck the cable under the moulding around the window

Feed cable under rubber moulding around window
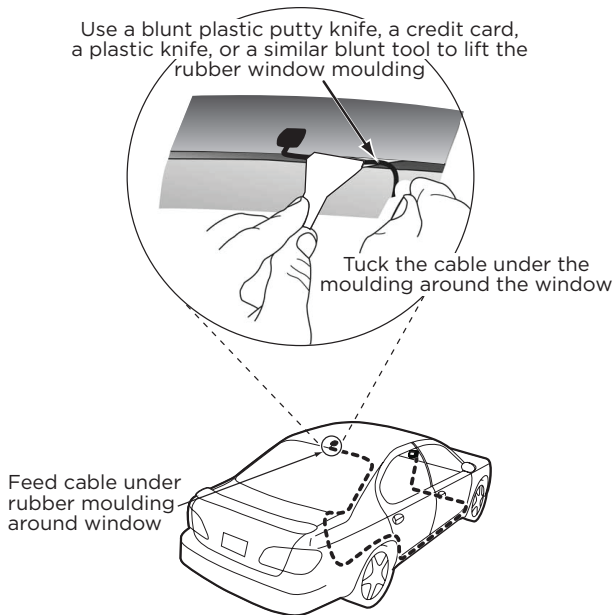
Vehicle Installation

Route cable out from under rear windshield moulding and tuck into weatherstripping around trunk opening
Avoid sharp bends by running cable through weatherstripping for several inches

Pull weatherstripping from trunk opening

Tuck cable into weatherstripping. Route cable through weather-stripping several inches to avoid sharp bends
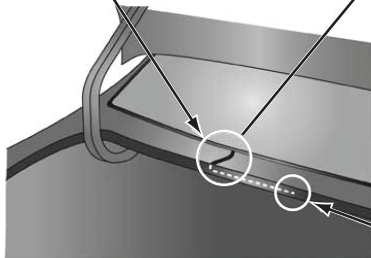
Pull cable out of weatherstripping and route through trunk to cabin
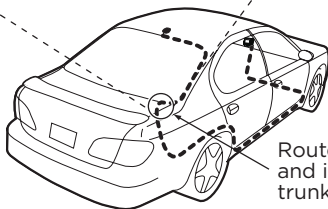
Route cable out of window moulding and into weather-stripping around trunk opening

Vehicle Installation

Bring cable out of weatherstripping and into trunk
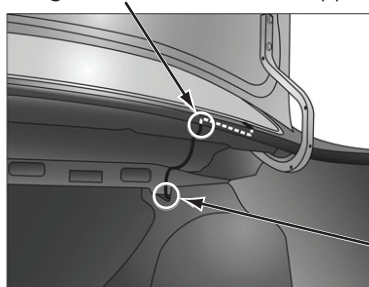
Route cable along trunk wall and into cabin through gap or conduit, along existing wiring harness
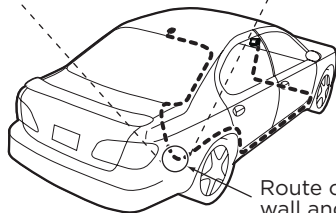
Route cable along trunk wall and into cabin

Vehicle Installation
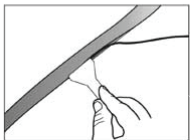
Use a blunt plastic putty knife or similar blunt tool to lift edge of interior trim and tuck cable under trim. Continue towards front of vehicle
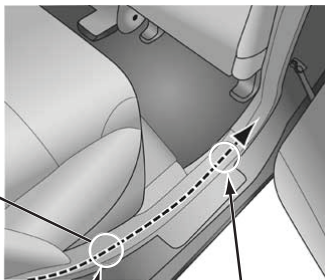
Route cable under trim or upholstery
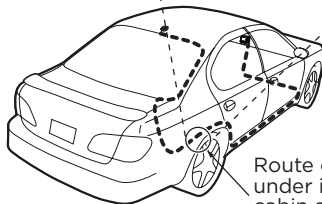
Continue routing cable under trim or carpet towards front of vehicle

Route cable from trunk under interior trim, into cabin and towards front of vehicle

Vehicle Installation

Continue routing cable under
carpet or console to radio location

Pull carpet
or mat back

Coil excess
cable under
carpet or mat

Bring cable out
from trim

Bring cable out from trim
and route under carpet to
dashboard or console
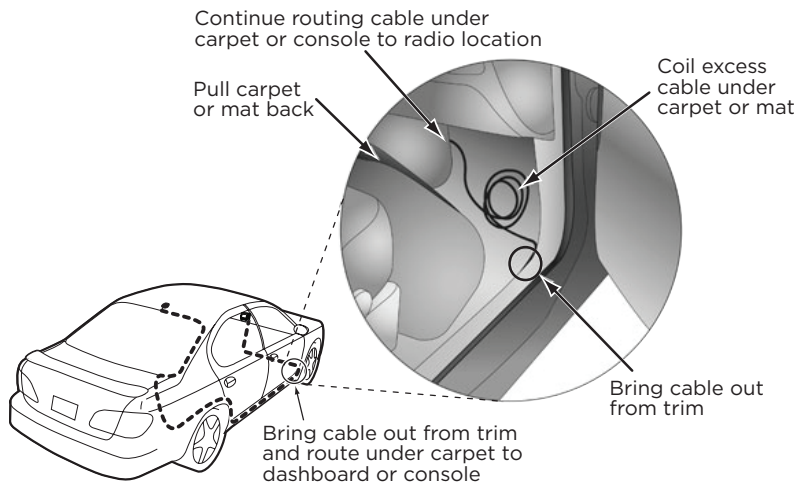
TIP! Always be careful to include enough slack in your cable to accommodate open doors or trunk lids. Use things typically found around the home, like electrical tape, to secure cables in areas so that hinges do not pinch the cable with the door. Hide any excess cable in the trim.

Vehicle Installation

Sedan/Coupe With Antenna Placed at the Rear of the Roof:

1. Feed the antenna cable from the antenna underneath the rubber molding around the rear window. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the rear window and tuck the antenna cable underneath the molding. Route the antenna cable around and down the window to the lowest point. If your rear window does not have rubber molding, we recommend consulting a professional installer.

2. Route the antenna cable out of the window molding and into the rubber weather stripping around the trunk opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. To avoid sharp bends in the cable, run the cable inside the weather stripping for a few inches, then remove the cable from the weather stripping inside the trunk. Keep the cable away from hinges, gears, etc., that could damage it.

3. Route the cable out from the rubber weather stripping and along the trunk wall. Continue routing the cable into the vehicle cabin through a conduit or along an existing wiring harness.

4. Route the cable through the main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.
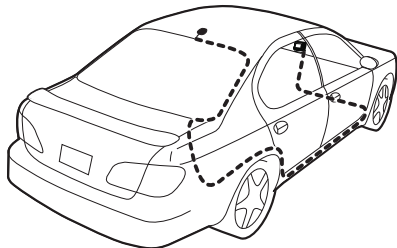
Vehicle Installation

5. Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. 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 (purchased separately).

6. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.

7. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 33.

Sedan/Coupe With Antenna Placed at the Front of the Roof

1. Feed the antenna cable from the antenna underneath the rubber molding around the windshield. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath the molding. Route the antenna cable around and down the windshield to the lowest point.

2. At the lowest corner of the windshield, 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.

3. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the dashboard. 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.

4. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.

5. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 33.

Sport Utility Vehicle (SUV)

1. Feed the antenna cable underneath the rubber weather stripping of the rear tailgate window/door and route the cable along the rear hatch. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Pull the cable out from weather stripping and route it into the cabin under the interior trim. Avoid hinges or gears that could crimp or cut the cable.

2. Route the cable through the SUV's main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.

3. Bring the cable out from the
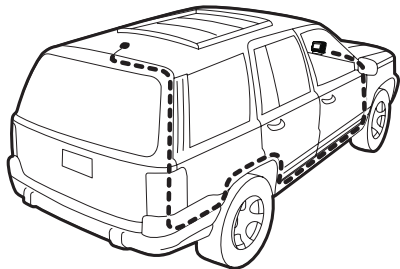
trim near the front of the cabin and route it under the carpet toward the dashboard or console. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties (purchased separately).

4. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.

5. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 33.

Convertible

1. Bring the antenna cable from the antenna into the trunk at the front edge of the trunk lid. Keep any bends in the cable loose. Tape or tie the cable along the inside of the trunk lid to the trunk lid hinge strut.

2. Allow enough slack in the cable so the trunk lid can easily open and close and keep the cable away from hinges, gears, etc., that could crimp or cut it. Route the cable along the trunk wall and into the cabin through a conduit or along an existing wiring harness.

3. Route the cable through the main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.
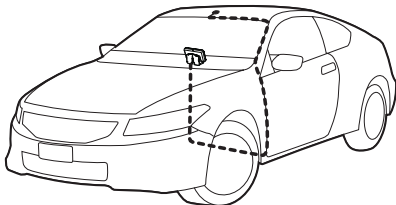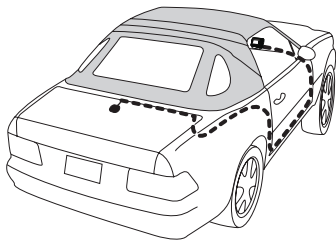
Vehicle Installation

4. Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. 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 (purchased separately).

5. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.

6. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 33.

Pickup Truck

1. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath it.

2. Continue tucking the cable underneath the windshield molding around the windshield to the lowest corner.

3. At the lowest corner of the windshield, 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.

4. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the dashboard. Coil any excess cable in a hidden location, such
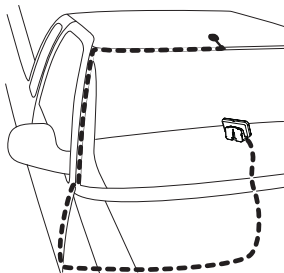
as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties.

5. Bring the end of the cable out at the *Power*Connect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.

6. Continue with "Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter" on page 33.

Vehicle Installation

Step 5: Connect the Magnetic Mount Antenna and *Power*Connect Power Adapter

1. Plug the Magnetic Mount Antenna into the **silver ANT** connector at the side of the *Power*Connect Vehicle Dock.
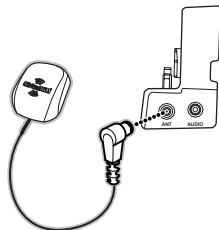
2. Insert the *Power*Connect Power Adapter into your vehicle's cigarette lighter or power adapter socket.
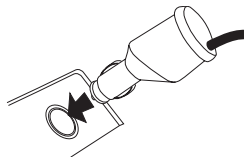
3. Plug the *Power*Connect Power Adapter into the **red PWR** connector at the side of the *Power*Connect Vehicle Dock.
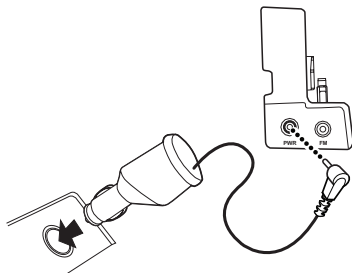
Vehicle Installation

Step 6: Connect the Audio

To play SiriusXM 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 or jack. Refer to your vehicle's owners manual to find the location of the auxiliary input jack, or consult the vehicle dealer.

  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 **siriusxm.ca/shop**.

- **Option 3: Good:** Use the *Power*Connect feature of Starmate 8. *Power*Connect plays the audio through your vehicle's FM radio.

- **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 Starmate 8 to your vehicle's FM radio. To learn more, check with the retailer where you bought your Radio, or go to **siriusxm.ca/shop**.

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

Vehicle Installation

Option 1: Aux In Cable Installation Instructions

1. Plug the Cassette Adapter into the **green AUDIO** connector at the side of the *Power*Connect Vehicle Dock.
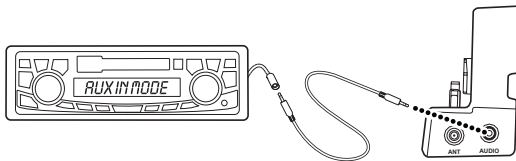
2. Plug the other end into the auxiliary input jack of your vehicle's stereo system.

3. If you are using the vent mounting method, attach the Vent Mount to the vent.

4. Insert Starmate 8 into the dock, aligning the radio against the rear of the dock so that the rails on the dock fit into the mounting slots in the back of the radio.

5. Power on your Starmate 8 by pressing the **Power button**.

6. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the SiriusXM signal. There should at least be one bar on the lower left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press ▼ to scroll to and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.

Vehicle Installation

7. Ensure Starmate 8 is tuned to Sirius Preview channel 184. Upon power up, Starmate 8 should tune to channel 184 by default, when it's not yet activated. If it's not on channel 184, refer to "Listening to Satellite Radio" on page 49 to learn about how to tune a channel.

8. Turn on your vehicle's stereo system. Set it to play from the auxiliary input source. You should hear channel 184 through your vehicle's stereo system. You are now ready to activate your Starmate 8.

10. The audio level output of Starmate 8 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 71.

11. If you are using the wire guide channel across the back of the Vehicle Dock to organize the wires, place the wires in the guide and then tighten the 4 screws to securely attach the mount. Then the installation is complete.

```
            Signal Indicator

–         SATELLITE          +
[                          ]

–        TERRESTRIAL        +
[                          ]
```

```
184              Sirius Preview

To Activate, Call
1-888-539-7474

.ıl
```

If the signal reception is good, showing at least one bar in the lower left corner of the display, but there is no SiriusXM audio, be sure the vehicle's stereo system is set to the auxiliary input source (step 8). Also be sure that the audio level is set high enough to be heard (step 9). Refer to "Troubleshooting" on page 78 for additional help.
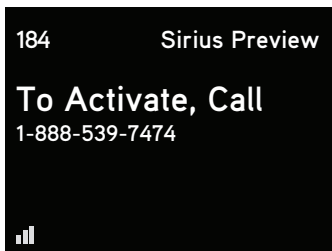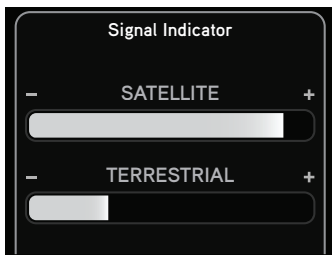
Vehicle Installation

Option 2: Cassette Adapter Installation Instructions

1. Plug the Cassette Adapter into the **green AUDIO** connector at the side of the *Power*Connect Vehicle Dock.
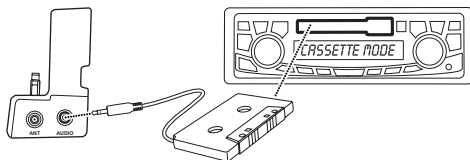
2. Insert the Cassette Adapter into the vehicle's cassette deck. You may need to turn on your vehicle's stereo system in order to do so.

3. If you are using the vent mounting method, attach the Vent Mount to the vent.

4. Insert Starmate 8 into the dock, aligning the radio against the rear of the dock so that the rails on the dock fit into the mounting slots in the back of the radio.

5. Power on your Starmate 8 by pressing the **Power button**.

6. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the SiriusXM signal. There should at least be one bar on the lower left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press ▼ to scroll to and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.

Vehicle Installation

7. Ensure Starmate 8 is tuned to Sirius Preview channel 184. Upon power up, Starmate 8 should tune to channel 184 by default, when it's not yet activated. If it's not on channel 184, refer to "Listening to Satellite Radio" on page 49 to learn about how to tune a channel.

8. Turn on your vehicle's stereo system. Set it to play from the cassette source. You should hear channel 184 through your vehicle's stereo system. You are now ready to activate your Starmate 8.

10. The audio level output of Starmate 8 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 71.

11. If you are using the wire guide channel across the back of the Vehicle Dock to organize the wires, place the wires in the guide and then tighten the 4 screws to securely attach the mount. Then the installation is complete.

```
         Signal Indicator

–        SATELLITE        +
[███████████████████    ]

–        TERRESTRIAL      +
[████                    ]
```

```
184              Sirius Preview

To Activate, Call
1-888-539-7474

▃▅▇
```

If the signal reception is good, showing at least one bar in the lower left corner of the display, but there is no SiriusXM audio, be sure the vehicle's stereo system is set to the cassette source (step 8). Also be sure that the audio level is set high enough to be heard (step 9). Refer to "Troubleshooting" on page 78 for additional help.
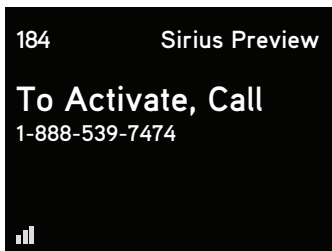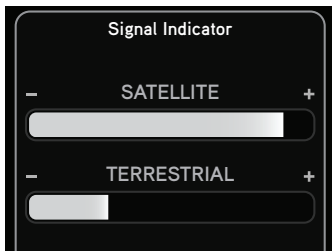
Vehicle Installation

Option 3: *Power*Connect Installation Instructions

1. If you are using the vent mounting method, attach the Vent Mount to the vent.

2. Insert Starmate 8 into the dock, aligning the radio against the rear of the dock so that the rails on the dock fit into the mounting slots in the back of the radio.

3. Power on your Starmate 8 by pressing the **Power button**.

4. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the SiriusXM signal. There should at least be one bar on the lower left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press ▼ to scroll to and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.

5. 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 SiriusXM FM Channel Finder at **siriusxm.ca/fm**. 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.
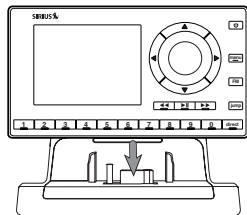
Vehicle Installation

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 Starmate 8.

```
Signal Indicator

–        SATELLITE        +
[_____]

–       TERRESTRIAL       +
[_____                    ]
```

💬 **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.
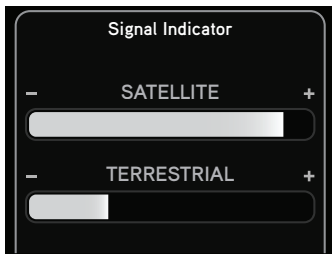
6. Ensure Starmate 8 is tuned to Sirius Preview channel 184. Upon power up, Starmate 8 should tune to channel 184 by default, when it's not yet activated. If it's not on channel 184, refer to "Listening to Satellite Radio" on page 49 to learn about how to tune a channel.

7. Pick the first FM channel on your list from step 5. Turn on your vehicle's FM radio (if you have not already done so) and tune it to this FM channel.

8. Set your Starmate 8 to transmit on the same FM channel that you have selected in step 4:

   i. Press **menu**.

   ii. Press ▼ to scroll to and highlight **FM Settings** and press the **Select button**.

   iii. Press ▼ to scroll to and highlight **FM Channels**. Press the **Select button**.

   iv. Press ▼ to scroll to and highlight the storage location **FM 2** and press the **Select button**.

Vehicle Installation

    v. Tune to the available FM channel you choose in step 4. Press ◀ and ▶ to tune in steps of .2, i.e., 99.3 to 99.5. Press ▼ and ▲ to tune in steps of 1, i.e., 99.3 to 100.3. Press the **Select button** to select the FM channel.

    vi. **Start Using** is highlighted. Press the **Select button.**

    vii. The FM channel you selected will be confirmed on the display screen. Starmate 8 will tune to the FM channel.

```
184                Sirius Preview

To Activate, Call
1-888-539-7474
```


MATCH FM CHANNELS
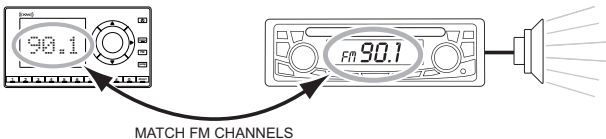
9. You should hear channel 184 through your vehicle's stereo system. If you are satisfied with the sound quality, the installation is complete. You are now ready to activate your Starmate 8.

10. If the selected FM channel doesn't work well for you, work down the list of FM channels until you find one with which you are satisfied. Each time, you will need to tune your vehicle's FM radio to the FM channel and then set your Starmate 8 to transmit on the same FM channel (steps 7 & 8).

```
          FM Channels
FM 1      97.9      current
FM 2      _ _ _
FM 3      _ _ _
FM 4      _ _ _
FM 5      _ _ _
```

Vehicle Installation

11. If you are using the wire guide channel
across the back of the Vehicle Dock to
organize the wires, place the wires in
the guide and then tighten the 4 screws
to securely attach the mount. Then the
installation is complete.

If the signal reception is good, showing at least
one bar in the lower left corner of the display,
but there is no SiriusXM audio, verify that both
Starmate 8 and your vehicle's FM radio are
tuned to the same FM channel (steps 7 & 8).

99.3 FM

Set your vehicle radio to the
above channel to enable audio.

Also ensure the chosen FM channel is a suitable one to use in your area (step 5).
Verify that nothing is plugged into the **AUDIO** connector on the *Power*Connect
Vehicle Dock. Refer to "Troubleshooting" on page 78 for additional help.

Option 4: FM Direct Adapter (FMDA) Installation

The FMDA needs to be installed by a professional installer. Professional installation can help improve your Radio's reception and significantly reduce the visibility of wires. To learn more, check with the retailer where you bought your Radio, or go to **siriusxm.ca/shop**.

Subscribe

The Starmate 8 works on the Sirius network and requires a Sirius subscription. You can either follow the general activation and subscription process or use the on-board activation guide to activate your Starmate 8 and subscribe to the Sirius service.

General activation and subscription process:

1. Make sure your Starmate 8 is turned on, tuned to Sirius Preview channel 184, and receiving the SiriusXM signal so that you can hear the SiriusXM audio.

2. When you first turn on Starmate 8, the Sirius channel lineup may automatically update after the initial startup sequence. Wait until any channel updates have completed before pressing any buttons. Once the channels have been updated, the Radio will automatically tune to channel 184.

3. Make a note of the Sirius ID. You can find it:
   • by selecting Sirius ID in menu items
   • on channel 0 (zero)
   • on a label on the bottom of the gift box
   • on the label on the back of your Starmate 8

4. To subscribe:
   • **Online:** Go to **siriusxm.ca/activate** to access or set up an online account, subscribe to the service, and activate your Radio.
     OR
   • **By phone:** Call **1-888-539-7474.**

5. Activation usually takes less than 5 minutes after you have completed
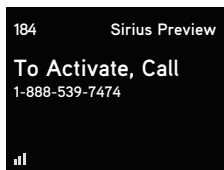
the subscription process, but sometimes may take longer. We recommend that your Radio remain on until activated. When your service is activated, Starmate 8 will display an alert message. To continue, press any button.

> **Subscription Update**
>
> Your subscription has been successfully updated
>
> Press any button to continue

Press ▲ or ▼ to tune to other channels, and ◀ or ▶ to browse the different categories of channels. Learn what all the buttons do by turning to "Navigation Basics" on page 47.

Activation guide:

For your convenience, Starmate 8 has an on-board activation guide. You can activate your radio and subscribe to the Sirius service by using this guide, where you will be guided step-by-step through the subscription process. To access and use the guide, simply follow these steps:

> **Menu**
>
> Activate Radio
> Sirius ID
> FM Settings
> JUMP Settings
> Brightness

1. When you first turn on Starmate 8, the Sirius channel lineup may automatically update after the initial startup sequence. Wait until any channel updates have completed before pressing any buttons. Once the channels have been updated, the Radio will automatically tune to Sirius Preview channel 184.

2. Press **menu**.

3. **Activate Radio** will be highlighted. Press the **Select button**.

4. Follow the directions on each successive screen until you complete the subscription process.

Using Your Starmate 8

The Main Display

When listening to a channel, information about the channel and what is currently playing is displayed.

Channel Number —

28   The Spectrum   — Channel Name

Tom Petty   — Artist Name
I Should Have Known It   or Talk Show Host
                 or Sports Teams/Score

Antenna Signal Strength

Song/Program Title
or Talk Show Schedule
or Game Time/Game Details
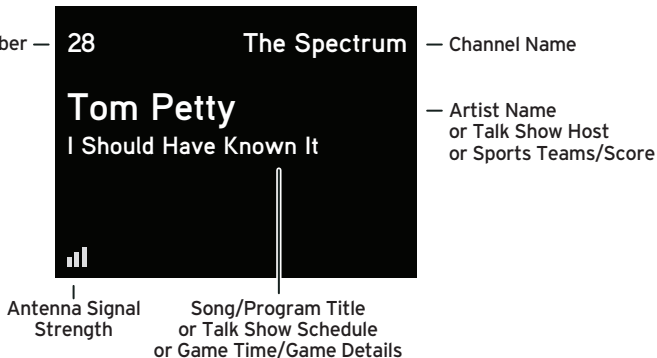
Using Your Starmate 8

Navigation Basics

Power Button

Pressing the **Power button** turns Starmate 8 On or Off.

Navigation Buttons

Pressing **Left**, **Right**, **Up**, and **Down** navigates through various features and functions of Starmate 8.

- **Left ◀ or Right ▶ button:** Displays the channel categories such as Rock, Pop, Sports, Talk/News, etc. Repeated presses cycle through the categories one at a time. Also, decreases or increases the settings of various menu options such as Brightness, Audio Level, etc.

- **Up ▲ or Down ▼ button (press and release):** Immediately tunes to the next or previous channel in the channel lineup. Also, scrolls through lists and highlights an item in the list.

- **Up ▲ or Down ▼ button (press and hold):** Continuously scrolls through any list. While on the main display screen, continuously scrolls through the channel lineup and briefly displays the information of each channel. When the button is released, Radio tunes to the last channel it had scrolled to in the channel lineup.

Select Button

Pressing the **Select button** selects a highlighted item in a list and confirms settings.

Pause and Replay Buttons

Replays live radio. ▶II plays/pauses, ◀◀ rewinds, and ▶▶ fast-forwards through temporarily stored content.

Using Your Starmate 8

Menu Button

`menu`

Pressing **menu** displays various options to make setup and feature changes. Pressing **menu** when in menu options returns to the previous menu option screen until menu options is exited. Pressing and holding **menu** returns to the main display screen in most instances.

FM Button

`FM`

Pressing **FM** provides easy tuning of FM presets for optimized *Power*Connect performance. Repeatedly pressing **FM** displays and cycles through the list of preset FM channels one at a time. The Radio automatically tunes to the displayed FM channel. Pressing and holding **FM** accesses the FM Settings menu. It is not available when Aux In Cable or Cassette Adapter is used for audio connection.

Jump Button

`jump`

Pressing **jump** tunes to the previous channel that was being played. Pressing it again returns it to the original channel.

Direct Button

`direct`

Pressing **direct** prompts for the entry of a channel number using the number buttons. Once the channel number is entered, the Radio directly tunes to the new channel.

Number Buttons

`1` ··· `0`

Each number button stores a favourite channel in its button location and provides one touch access to it afterward. Number buttons also directly tune to a channel when the channel number is entered after pressing **direct**.

Using Your Starmate 8

Listening to Satellite Radio

Tune to a channel:

1. Press and release ▲ and ▼ to immediately tune to the next or previous channel.

2. Press and hold ▲ and ▼ to quickly scroll through the channels. Release to tune to the channel that is displayed.

View a category:

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

To view a category press ◀ or ▶.

1. Scroll through the category using ▲ and ▼, and find the channel you want to tune.

2. Press the **Select button** to select the channel, or press ◀ or ▶ for the previous or next category.

◀	Rock	▶
22	**Pearl Jam Radio** Pearl Jam/Better Man	
23	**Grateful Dead** Grateful Dead/Truckin'	
24	**Margaritaville** Jimmy Buffett/Fins	

TIP! To briefly listen to each channel in the category, scroll to and highlight **Scan** at the end of the category list and press the **Select button**. Refer to "Scanning Channels in a Category" on page 52 to learn more about Scan.

Using Your Starmate 8

Direct Tune

A channel can be tuned directly by entering the channel number using the number buttons.

1. To directly tune to a channel press **direct**.

2. Use the number buttons **0-9** to enter the channel number and wait a moment until the channel is tuned, or press the **Select button** to immediately tune to the channel.

```
Direct Tune
Enter channel #
6 2 _
```

Return to Main Display Screen

Pressing and holding **menu** in most instances will return you to the main display screen. In some cases, you may need to follow the instructions on the display screen.

Jump

Pressing **jump** tunes to the previous channel that was being played. Pressing it again returns it to the original channel.

```
28            The Spectrum

Tom Petty
I Should Have Known It
```

Favourite Channels

You can set up to 10 of your favourite channels so you can easily access them. Each favourite channel can be assigned to a number button.

To assign a favourite channel to a number button:

1. Tune to the desired channel.

2. Press and hold a number button between **0-9** that you want to assign to that favourite channel. An advisory with the channel number and name will be displayed on the screen confirming that the channel has been assigned.

```
Favorite Saved

10 The Pulse
saved as
Favorite 1
```

To listen to a favourite channel:

1. Press the number button between **0-9** that was assigned to the desired favourite channel. Starmate 8 will tune to that channel.

TIP! When you are at the main display screen, press ◀ to see your list of favourite channels. Scroll to highlight a favourite and press the **Select button** to listen to that channel.

Using Your Starmate 8

Scanning Channels in a Category

You can scan a category and listen to each channel for 10 seconds before Starmate 8 automatically tunes to the next channel. If you want to stay tuned to the channel being played and stop the scan, just press the **Select button**.

To scan a category:

1. Press ◀ or ▶ until the desired category is displayed.

2. Scroll down to highlight the last item in the category which will be **Scan** and the category name.

3. Press the **Select button**. The scan will begin.

4. Press the **Select button** to stop the scan, and to continue to listen to the channel currently being played, or press ▼ or ▲ to return to the channel you were listening to before you began the scan.

◀	Pop	▶
16	**The Blend** Phil Collins/Take Me Hom	
17	**Love** Dionne Warwick/Heartbr	
›	**Scan Pop**	

◀	Scanning	▶
7	**70s on 7** Neil Diamond/Sweet Caro	
8	**80s on 8** The Hooters/And We Dan	
9	**90s on 9** Ace of Base/The Sign	
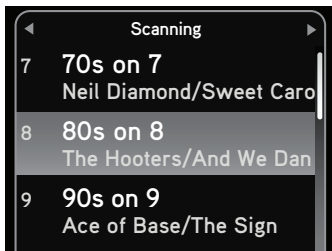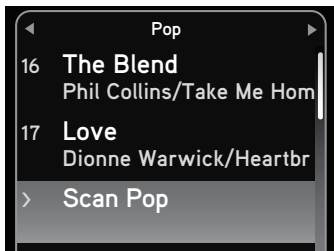
Using Your Starmate 8

FM Presets

FM presets make it easy to quickly access stored FM channels and choose a new FM channel from them.

Use FM presets when you use *Power*Connect or the FMDA to listen to your Starmate 8 through your vehicle's FM radio. (Refer to "Option 3: *Power*Connect Installation Instructions" on page 39 for more information.)

To use a different FM preset:

1. Press **FM** to display the current FM preset.

2. To display and select the next FM preset, press **FM**. The Radio will tune to the displayed FM channel. If the preset is the one you want, press **menu** or wait for the screen to time out.

3. Repeatedly pressing **FM** will cycle through the FM presets.

4. Set your vehicle's FM radio to the same FM channel.

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

   TIP! To configure the list of preset FM channels, you need to find available FM channels in your area. Refer to "Find Available FM Channels in Your Area" on page 63. Next, refer to "Set and Select an FM Channel" on page 68.

99.3 FM

Set your vehicle radio to the above channel to enable audio.

103.7 FM

Set your vehicle radio to the above channel to enable audio.

Special Features

Pause & Replay

Pause & Replay gives you the opportunity to "hear that again" by temporarily storing and letting you access previously played content of the currently tuned channel. Pressing ▶II or ◀◀ places Starmate 8 into Pause & Replay mode.

> 💬 **TIP!** This feature applies to the current channel to which you are listening, and for the current listening session only. Changing channels or turning off Starmate 8 removes the temporarily stored content from the Radio.

To Play/Pause:

1. Press and release ▶II to pause the live broadcast. At this point the Radio will mute and continue to store live audio.

```
┌─────────────────────────────────────┐
│ 28              The Spectrum          │
│                                       │
│ Tom Petty                             │
│ I Should Have Known It                │
│                                       │
│                                       │
│ ──────────◍──────────────            │
│ ▮▮▮                    -08:57         │
└─────────────────────────────────────┘
```
— Time Behind Live Broadcast

2. Pressing and releasing ▶II again will begin playing stored audio from the point at which the program was paused.

> 💬 **TIP!** Pressing ◀ (or pressing ◀ twice, if favourite channels are stored) will show the **Replay List**. A listing of artist names and song or show title are shown for the stored audio from most recent to oldest, beginning with entry called "Go to Live". Press ▼ or ▲ to scroll to and highlight a song or program and press the **Select button** to play it. Choosing "Go to Live" exits Pause & Replay mode and resumes playing the live broadcast.

Special Features

To listen to the previous track:

1. Press and release ◄◄ to rewind to the beginning of the current song or program.

2. Repeated press and releases skips backwards to the start of the previous songs or programs until the beginning of the stored audio is reached. When the beginning is reached, playback automatically begins.

> **TIP!** Pressing and holding ◄◄ rewinds through stored audio in 5 second intervals, which increases to 15 and then 30 second intervals the longer the button is pressed. Playback begins when the button is released. If beginning of the stored audio is reached, playback automatically begins.

To listen to the next track:

1. Press and release ►► to skip forward to the start of the next song or program.

2. Repeated press and releases skips forward to the beginning of the next songs or programs until the end of stored audio is reached. When the end is reached, Starmate 8 exits Pause & Replay mode and resumes playing the live broadcast.

> **TIP!** Pressing and holding ►► advances through the stored audio in 5 second intervals, which increases to 15 and then 30 second intervals the longer the button is pressed. Playback begins when button is released. If end of stored audio is reached, Starmate 8 exits Pause & Replay mode and resumes playing the live broadcast.

To listen to live broadcast:

1. Pressing and holding ►II while Starmate 8 is in Pause & Replay mode exits Pause & Replay mode and resumes playing the live broadcast.

Special Features

Colour Themes

You can change the colour of the display screen to one of 6 colour themes: Blue, Red, Amber, Yellow, Silver, or Teal. You can choose the display colour that matches your dash lights. The default colour theme is blue.

To change the colour theme:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Colour Theme**. Press the **Select button**.

3. Press ◀ or ▶ to highlight the desired colour theme. Starmate 8 will immediately change to the selected colour theme.

4. Press the **Select button** to confirm the selected colour theme.

5. Press and hold **menu** to return to the main display screen.

Select Theme

Blue

Press arrow keys to choose and Select to confirm
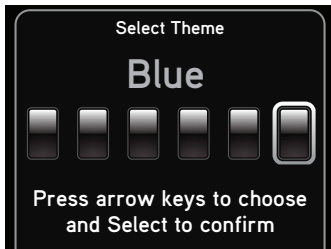
Special Features

Parental Controls

Starmate 8 has a parental control feature which allows you to lock access to channels, or lock access to an entire category. A 4-digit code controls access to the locked channel or locked category.

When you browse a category, the number of the locked channel will be shown but not the artist and song/program information. Instead, a lock icon 🔒 and the word "Locked" is shown. If you scroll through the channels using ▼ and ▲, the locked channels are skipped and are neither displayed, nor tuned.

```
◄          Rock          ►
22  Pearl Jam Radio
    Pearl Jam/Better Man

23 🔒 Locked

24  Margaritaville
    Jimmy Buffett/Fins
```

If you attempt to tune to a locked channel, either by using direct tune or through the category list, you'll be prompted to enter your 4-digit code. When the correct code is entered, you'll be able to tune to and listen to the channel. All locked channels become unlocked and remain unlocked until you turn Starmate 8 Off, and back On. In the category list, the previously locked channels will show an unlocked icon 🔓.
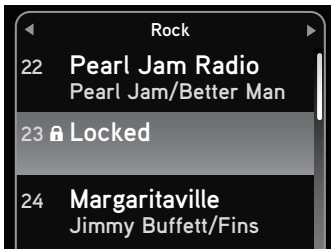
To turn Parental Controls On (or Off):

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.

   • *If this is the first time* you want to turn on Parental Controls, Parental Controls will be highlighted. Press the Select button. You will be prompted to select a 4-digit code:

   i. For each digit, press one of the **0-9** keys and then press ▶ to advance to

Special Features

the next digit. (Press ◀ if you need to go back and edit a previous digit.)

ii. When you have selected all 4 digits of your code press the **Select button**.

iii. The Code Confirmation screen will be displayed. For your records, write down the code you have selected. Press the **Select button**. Continue with step 3.

• *If you had previously selected* a 4-digit code you will be prompted to enter your code:

i. For each digit, press one of the **0-9** keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

ii. When you have selected all 4 digits of the code press the **Select button**.

```
┌─────────────────────────┐
│   Enter Parental Code   │
│                         │
│                         │
│   ┌─┐┌─┐┌─┐┌─┐          │
│   │0││0││0││0│          │
│   └─┘└─┘└─┘└─┘          │
│                         │
│   Press OK to confirm   │
└─────────────────────────┘
┌─────────────────────────┐
│    Code Confirmation    │
│  Your Parental Code is: │
│          3287           │
│ You will need this code to change │
│  or turn off Parental Controls  │
│                         │
│  Press Select to continue │
└─────────────────────────┘
```

3. At the "Parental Controls" screen, **Parental Controls** will be highlighted. Press the **Select button** to turn parental control On (or press the **Select button** to turn parental control Off).

4. Press and hold **menu** to return to the main display screen.

To lock (or unlock) channels or categories:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.

Special Features

3. You will be prompted to enter the 4-digit code. For each digit, press one of the **0-9** keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)
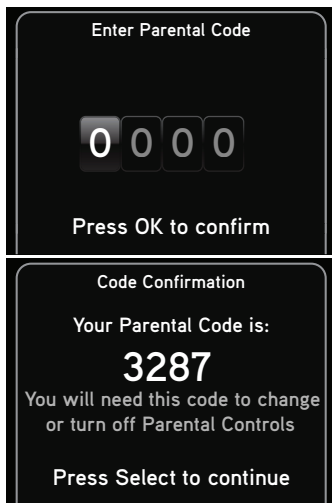
4. When you have entered all 4 digits of the code press the **Select button**.

5. If **Parental Controls** is shown as Off, press the **Select button** to turn it On, otherwise continue with the next step.

6. At the "Parental Controls" screen, press ▼ to scroll to and highlight **Locked Channels**. Press the **Select button**.

7. A list of all the categories and the channels in each category will be displayed. Press ▼ and ▲ to scroll to and highlight a channel or category you want to lock. Press the **Select button**. A lock icon 🔒 will be displayed to the left of the channel or category you locked. (To unlock a locked channel or category, simply highlight the locked channel or category and press the **Select button**. The lock icon will disappear indicating the channel or category is unlocked.)

8. You can continue to lock and unlock as many channels or categories as you wish. When you are finished, press and hold **menu** to return to the main display screen.

Locked Channels   Locked Categories

Locked Channels	Locked Channels
☐ Rock	🔒 Rock
🔒 Elvis Radio	🔒 Elvis Radio
☐ E Street Radio	🔒 E Street Radio
☐ Undergrnd Gara	🔒 Undergrnd Gara
☐ Pearl Jam Radio	🔒 Pearl Jam Radio

Special Features

To change your code:
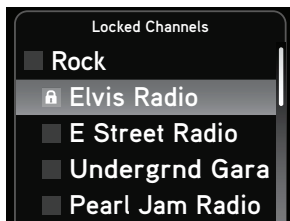
1. Press **menu**.

2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.

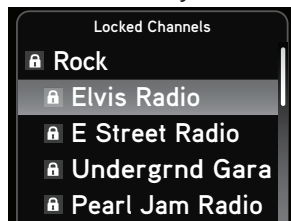3. You will be prompted to enter your existing 4-digit code. For each digit, press one of the **0-9** keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

4. When you have entered all 4 digits of the code press the **Select button**.

5. If **Parental Controls** are shown as Off, press the **Select button** to turn it On, otherwise continue with the next step.

6. At the "Parental Controls" screen, press ▼ to scroll to and highlight **Change My Code**. Press the **Select button**.

7. You will be prompted to enter a new 4-digit code. For each digit, press one of the **0-9** keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

8. The Code Confirmation screen will be displayed. For your records, write down the code you have selected. Press the **Select button**.

9. Press and hold **menu** to return to the main display screen.

To listen to a locked channel:

There are two ways to tune to a channel which has been locked. The first is to directly tune to the locked channel, and the second is to select

---

Code Confirmation

Your Parental Code is:

3287

You will need this code to change or turn off Parental Controls

Press Select to continue

Special Features

the locked channel from a category list.

1. Directly tune to or select the locked channel:

   To directly tune to a locked channel:

   i. Press **direct** and enter the channel number using the **0**-**9** keys.

   To select a locked channel from the category list:

   i. Press ◀ or ▶ to view the category list of the locked channel to which you wish to tune.
   ii. Press ▼ to scroll to and highlight the locked channel. Press the **Select button**.

2. You will be prompted to enter your existing 4-digit code. For each digit, press one of the **0**-**9** keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)

3. When you have entered all 4 digits of the code, press the **Select button**. If your code is correct the channel will be tuned. All locked channels become unlocked and remain unlocked until you turn Starmate 8 Off, and back On. In the category list, the previously locked channels will show an unlocked icon 🔓 .

Sirius ID

Your Starmate 8 has a 12 character numeric ID which uniquely identifies your Radio. This ID is used during the subscription process.

To display the Sirius ID:

1. Press **menu**.

2. **Sirius ID** will be highlighted. If it is not highlighted, press ▼ to scroll to and highlight **Sirius ID**. Press the **Select button**. The Sirius ID will be displayed.

3. Press and hold **menu** to return to the main display screen.

```
┌─────────────────────────────┐
│         Sirius ID           │
│                             │
│      Your Sirius ID is:     │
│                             │
│      123456789012           │
│                             │
│                             │
└─────────────────────────────┘
```
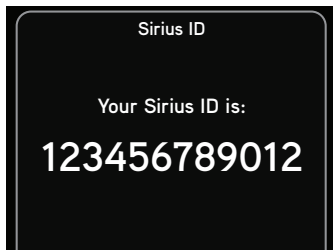
Configuring Your Starmate 8

Find Available FM Channels in Your Area

Before attempting any of the procedures below, you should park your vehicle in a safe location. Do not attempt to set up your FM channels or any Starmate 8 function while driving.

*Power*Connect allows you to listen to SiriusXM through your existing vehicle radio. You will first need to find an available FM channel, which is a channel that is not being used by an FM radio station in your area. When you tune your vehicle's FM radio to an available channel, you should only hear static or silence – not talk or music.

Once you have found an available FM channel, you'll need to tune Starmate 8 and your vehicle's radio to the same FM channel to receive SiriusXM audio through your vehicle's radio.

We recommend one of the following methods to find an available FM channel:

1. **Use the SiriusXM FM Channel Finder**

   Use the SiriusXM FM Channel Finder at **siriusxm.ca/fm**. 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.

   Tune Starmate 8 to a favourite SiriusXM channel (or to channel 184, if it's not activated). Turn on your vehicle's FM radio. Pick the first FM channel on your Channel Finder list and tune the FM radio to that channel. If you do not hear a local FM station broadcast, then tune Starmate 8 to the same FM channel. (Refer to "Set and Select an FM Channel" on page 68.) You should hear the SiriusXM channel through your vehicle's radio. If you are satisfied with the sound quality, you're done! If this FM channel doesn't work well for you, work down the list until you find an FM channel that allows you to hear SiriusXM clearly.

   OR

Configuring Your Starmate 8

2. **Manually tune through your local FM channels**

Manually tune through your local FM channels on your vehicle's FM radio. 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. Once you have created your list of available FM channels, you will need to find the one that provides the best match for Starmate 8.

Tune Starmate 8 to a favourite SiriusXM channel (or to channel 184, if it's not activated). Pick the first FM channel on your list and tune the FM radio to that channel. Then tune Starmate 8 to the same FM channel. (Refer to "Set and Select an FM Channel" on page 68.) You should hear the SiriusXM audio through your vehicle's radio. If you are satisfied with the sound quality, you're done! If this FM channel doesn't work well for you, work down the list until you find an FM channel that allows you to hear the SiriusXM audio clearly.

NOTE! You may find an FM channel with static or silence that does not work with Starmate 8. It is possible that some type of inaudible interference is present that prevents reception of the SiriusXM broadcast. Your only options are to use another FM channel or a different audio connection method.

TIP! If you regularly drive from one location to another, such as your daily commute, you may need to use different FM channels along your route for best performance. If this is the case, we recommend saving the best FM channels as presets on your FM radio and Starmate 8. Then you simply select and match the best channel for the area you are in.

TIP! It will be much more difficult to find available FM channels in large cities than in most suburban or rural locations. A direct audio connection using the Aux In Cable, Cassette Adapter, or professional installation is your best solution if you drive in or near large metropolitan areas.

NOTE! The SiriusXM FM Channel Finder relies on data from the Federal Communications Commission. The data may not reflect the latest stations in your

area. In addition, local geography and weather conditions can impact reception, so your results may be different from the list.

NOTE! The performance of FM radios are different, based on manufacturer and vehicle style. Some may not work well with the type of FM transmitter used by Starmate 8. This is why we recommend a direct audio connection using the Aux In Cable or Cassette Adapter if they can be used in your vehicle. Professional installation can also resolve almost any performance issue.

Configuring Your Starmate 8

Turning the FM Transmitter On or Off

To turn the FM Transmitter On:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **FM Settings** and press the **Select button**.

3. **FM Transmitter** will be highlighted. Press the **Select button** to toggle the setting from Off to On.

4. The **FM Channels** menu item will now be accessible, allowing you to tune Starmate 8 and the FM radio in your vehicle to the same FM channel.

```
         FM Settings
 FM Transmitter        on
 FM Channels
```
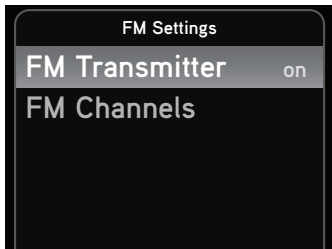
TIP! Starmate 8 is programmed with FM channel 97.9 as the default setting.

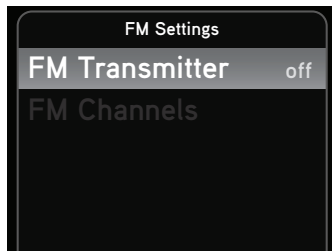*To turn the FM Transmitter Off:*

1. Press **menu**.

2. Press ▼ to scroll to and highlight **FM Settings** and press the **Select button**.

3. **FM Transmitter** will be highlighted. Press the **Select button** to toggle the setting from On to Off.

4. A warning message will be displayed advising you to connect the Aux In Cable.

```
         FM Settings
 FM Transmitter       off
 FM Channels
```

Press the **Select button** to confirm that you want to turn off the FM Transmitter.

5. Press and hold **menu** to exit.

Turn OFF FM?

Please connect an AUX cable or no audio will be available.

Press Select to confirm

Configuring Your Starmate 8

Set and Select an FM Channel

Starmate 8 allows you to easily store (i.e., preset) up to 5 different FM channels. At any time, you can select any one of these 5 FM presets to hear SiriusXM through your existing vehicle radio. Having a choice of 5 FM presets also makes it easy to switch to the appropriate FM channel as you travel from one area to another. Each FM preset is stored in its own storage location. You can easily add or edit the FM preset in any one of the 5 storage locations.

> **IMPORTANT!** Starmate 8 and the vehicle's FM radio need to be tuned to the same FM channel in order to hear the audio.

> **TIP!** The FM 1 storage location is preset with FM channel 97.9.

To set and select an FM preset:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **FM Settings** and press the **Select button**.

3. Press ▼ to scroll to and highlight **FM Channels**. Press the **Select button**.

4. Press ▼ to scroll to and highlight the storage location (FM 1 to
   FM 5) you want to set and press the **Select button**. You can choose among the following options:

FM Channels	
FM 1	97.9	
FM 2	99.3	current
FM 3	103.7	
FM 4	_ _ _	
FM 5	_ _ _	

   i. If the chosen storage location is empty (denoted by "---"), or if the storage location contains the FM preset currently being used (denoted by "current"), then the FM channel tuning screen is displayed.

   ii. If the chosen storage location has an FM preset that is not currently

being used, and you want to edit it, **Edit Channel** is highlighted. Press the **Select button.** The FM channel tuning screen is displayed.

   iii. If the chosen storage location has an FM preset that is not currently being used, and you want to start using it, press ▲ to highlight **Start Using** and press the **Select button.** Skip to step 7.

5. Press ◀ and ▶ to tune to the desired FM channel in steps of .2, i.e., 99.3 to 99.5. Press ▼ and ▲ to tune to the desired channel in steps of 1, i.e., 99.3 to 100.3. Press the **Select button** to select the FM channel.

6. If you are editing the storage location that has the "current" FM preset, skip to step 7. Otherwise, **Start Using** will be highlighted. Press the **Select button.**

   NOTE! You can also set an FM preset without having to start using it right away. Just press **menu** and exit the screen.

7. The chosen FM channel will be confirmed on the display screen and Starmate 8 will tune to that FM channel.

8. Set your vehicle's FM radio to same FM channel.

   IMPORTANT! You'll first need to find a suitable FM channel that is unused or available in your area.

Edit FM Channel 2

99.3 FM

Press arrow keys to tune and Select to confirm

99.3 FM

Set your vehicle radio to the above channel to enable audio.

Configuring Your Starmate 8

To quickly select an FM preset:

1. Press **FM** to display the current FM preset.

2. To display and select the next FM preset, press **FM** again. Starmate 8 will tune to the displayed FM channel. If the preset is the one you want, press **menu** or wait for the screen to timeout.

3. Repeatedly pressing **FM** will cycle through the FM presets.

4. Set your vehicle's FM radio to same FM channel.

99.3 FM

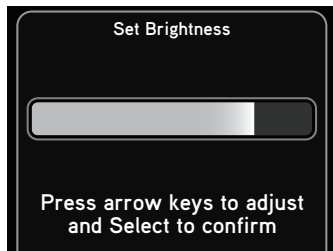Set your vehicle radio to the above channel to enable audio.

103.7 FM

Set your vehicle radio to the above channel to enable audio.

Set Brightness

To change the display's brightness:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Brightness** and press the **Select button**.

3. Press ◀ to decrease or ▶ to increase the brightness of the display.

4. Press the **Select button** to confirm the brightness setting.

5. Press and hold **menu** to return to the main display screen.

```
       Set Brightness

┌────────────────────────┐
│                        │
└────────────────────────┘

    Press arrow keys to adjust
       and Select to confirm
```
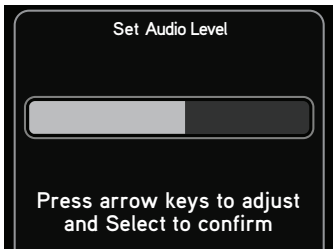
Set Audio Level

The audio level of Starmate 8 can be adjusted when an audio connection is made between the dock and the vehicle's stereo system. Audio level is used to adjust Starmate 8'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.

To adjust the audio level:

1. Press **menu.**

```
       Set Audio Level

┌────────────────────────┐
│                        │
└────────────────────────┘

    Press arrow keys to adjust
       and Select to confirm
```

Configuring Your Starmate 8

2. Press ▼ to scroll to and highlight **Audio Level** and press the **Select button**.

3. Press ◀ to decrease or ▶ to increase the audio level.

4. Press the **Select button** to confirm the new audio level.

5. Press and hold **menu** to return to the main display screen.
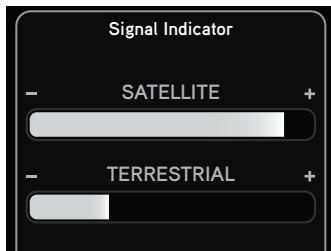
Configuring Your Starmate 8

Signal Indicator

For best reception, your Magnetic Mount Antenna should have an unobstructed view of the SiriusXM satellites. In large cities, there are terrestrial transmitters (ground repeaters) to help increase the signal coverage.

Your Starmate 8 can display the received strength of the satellite and terrestrial signals being received.

To display the signal strength:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Signal Indicator** and press the **Select button**.

3. The Satellite and Terrestrial bars show the strength of the signal being received.

4. Reposition the antenna if you are having trouble receiving the signal. Be sure your vehicle is outside with an unobstructed view of the sky.

5. Press and hold **menu** to return to the main display screen.
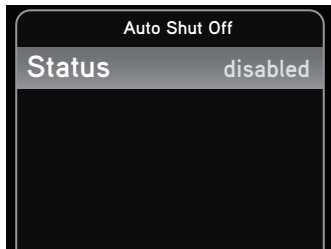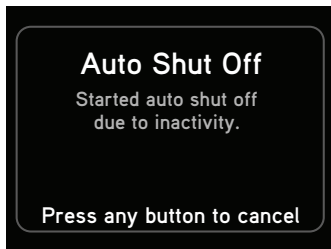
Configuring Your Starmate 8

Auto Shut Off

When enabled, Auto Shut Off will automatically turn Starmate 8 **off** after an eight hour period of inactivity (no button presses or other user intervention). This feature prevents the vehicle battery from being discharged if you forget to turn your Starmate 8 off. Auto Shut Off is disabled by default.

When Starmate 8 is about to shut off, the message **Auto Shut Off**, **Started auto shut off due to inactivity** is displayed, followed by **Press any button to cancel.** If you wish to continue listening, press any button.

To enable or disable Auto Shut Off:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Auto Shut Off** and press the **Select button**.

3. **Status** will be highlighted. Press the **Select button** to toggle the setting between disabled and enabled.

4. Press and hold **menu** to return to the main display screen.

Auto Shut Off
Started auto shut off
due to inactivity.

Press any button to cancel

Auto Shut Off

Status   disabled

Configuring Your Starmate 8

Factory Settings

You can clear all of your personal settings, such as favourite channels, FM presets, etc., and return the Radio to its original out-of-the-box settings.

To reset Starmate 8 to factory settings:

🗨 **NOTE!** Restoring to factory settings permanently removes all personal settings.

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Factory Settings** and press the **Select button**.

3. **Restore Defaults** will be highlighted. Press the **Select button**.

4. A warning screen will be displayed. If you are certain that you want to reset your Starmate 8 to the default settings, press the **Select button** to confirm.

5. If you want to cancel, press **menu** to return to **Factory Settings**.

Are You Sure?

All settings will be erased.

Press Select to confirm
or menu to cancel

Configuring Your Starmate 8

Demo Mode

Your Starmate 8 has a demo mode that starts playing when, for a prolonged period of time (more than 1 hour), 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 **Select button** for 10 seconds. If desired, you can also manually put Starmate 8 in demo mode.

The ability for Starmate 8 to enter demo mode is enabled by default. If you don't want Starmate 8 to ever enter the demo mode, you can disable the demo feature. You can enable it again at another time if desired.

To enable or disable the demo mode:

1. Press **menu**.

2. Press ▼ to scroll to and highlight **Demo Mode** and press the **Select button**.

3. **Status** will be highlighted. Press the **Select button** to toggle the setting between enabled or disabled. (Repeatedly pressing the **Select button** toggles between the choices.)

4. If you have selected disabled, press and hold **menu** to return to the main display screen. If you have selected enabled continue with step 5.

5. Press ▼ to scroll to and highlight **Enter Demo Mode** and press the **Select button**. The demo mode will start in 10 seconds.
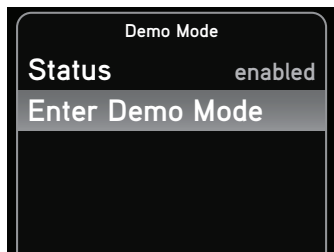
6. To exit demo mode at any time, press and
hold the **Select button** for 10 seconds.

Demo Mode

Entering Demo Mode.

Press & Hold Select
for 10 seconds to exit
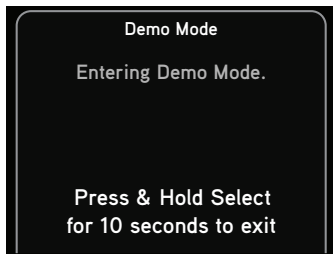
Troubleshooting

Starmate 8 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 clean and free of corrosion.
- Make sure you have connected Starmate 8 as described in this User Guide. Verify that the *Power*Connect Power Adapter is plugged into the vehicle's cigarette lighter or power adapter socket, and that the LED on the *Power*Connect Power Adapter is lit (on). If not, your vehicle may need to be running to provide power to the socket.

If you see this on the screen:	Try this:
Acquiring Signal	• Make sure that the vehicle is outdoors with a clear view of the sky. • Make sure the Magnetic Mount Antenna is mounted outside of the vehicle. • 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.
Check Antenna Connection	• Make sure that the antenna cable is firmly and securely plugged into the *Power*Connect Vehicle Dock. Make sure the cable is not bent or broken. • Turn Starmate 8 Off, then On, to reset this message. • If the message persists, most likely the Magnetic Mount Antenna cable has been damaged. Replace the antenna.
Channel Unavailable	• You have attempted to tune to a channel that does not exist, or is not currently broadcasting. Tune to another channel.

Troubleshooting

If you see this on the screen:	Try this:
Firmware Updating	• Your Starmate 8 is being updated over the air with the latest software. Wait until the update is done.

If this happens:	Try this:
You do not receive all the channels to which you subscribed	• Ensure that you have subscribed to the service by following the steps in "Subscribe" on page 44. • Go to **siriusxm.ca/refresh** and follow the directions to refresh your Radio. • Call 1-888-539-7474 for further assistance.
Audio sounds too soft	• Raise the volume of your stereo system or increase the audio level of your Starmate 8 until the sound quality improves. Refer to "Set Audio Level" on page 71.
No audio when using the Aux In Cable or Cassette Adapter	• Check all cables between your Starmate 8 and your vehicle's stereo system for a firm and secure connection. • Ensure you have selected the proper input source on your vehicle's stereo system. • Increase the audio level of Starmate 8. Refer to "Set Audio Level" on page 71.

Troubleshooting

If this happens:	Try this:
Audio fades or has static when listening	• Check all cables for a firm and secure connection. • If you are using *Power*Connect 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 "Find Available FM Channels in Your Area" on page 63. • If you are using *Power*Connect, and you cannot solve the audio problem, try connecting the audio using the Aux In Cable or a Cassette Adapter. (Refer to page 35 and page 37.) If you cannot use those solutions, consider using an FM Direct Adapter. (Refer to page 43.)
No audio when using *Power*Connect or FMDA	• Confirm that the FM transmitter is turned On in Starmate 8. Check that your Starmate 8 and your vehicle's FM radio are tuned to the same FM channel. • For *Power*Connect, ensure you are using the *Power*Connect Vehicle Dock and *Power*Connect Power Adapter.
No song title or artist name is displayed	• The information may not be available or updates may be in progress.
Traffic and Weather channels sound different from other channels	• These channels use a different audio technology than other channels so they often sound different from other channels.
Starmate 8 turns off unexpectedly	• If Auto Shut Off is enabled, StarSmate 8 will automatically turn off after an eight hour period of inactivity (no user intervention). Set Auto Shut Off status to disabled.

Troubleshooting

If this happens:	Try this:
The demo is playing	• Your Magnetic Mount Antenna is not connected or you are not receiving the signal. Check that the antenna is connected properly and is not obstructed.
	• Press and hold the **Select button** for 10 seconds to exit Demo Mode.
	• You can disable Demo Mode. Refer to "Demo Mode" on page 76.

Product Specifications

System
  Power Requirements: 9-16 V DC, 500 mA (max)
  Operating Temperature: -4°F to +140°F (-20°C to +60°C)
  Audio Output: 1.0 V$_{rms}$ (max)

Starmate 8 Radio
  Dimensions: 4.5 in (width) x 2.4 in (height) x 0.7 in (depth)
                                     115 mm (width) x 61 mm (height) x 17 mm (depth)
  Weight: 3.4 oz (96 g)

***Power*Connect Vehicle Dock**
  Dimensions: 4.1 in (width) x 1.8 in (height) x 1.1 in (depth)
                                     105 mm (width) x 46 mm (height) x 28 mm (depth)
  Weight (without adapter):   1.4 oz (40 g)
  Weight (with adapter):   1.5 oz (43 g)
  Audio Connector: 1/8 in (3.5 mm) female
  Antenna Connector: SMB male

***Power*Connect Power Adapter**
  Dimensions: 3.7 in (width) x 1.7 in (height) x 1.3 in (depth)
                                     94 mm (width) x 43 mm (height) x 34 mm (depth)
  Weight: 2.4 oz (69 g)
  Input / Output: 9-16 V DC / 5 V DC, 1.5 A
  Cable Length: Approximately 4.6 ft (1.4 m)

Vehicle Antenna
  Type: SiriusXM Magnetic Mount
  Connector: SMB female, right angle
  Cable Length: Approximately 23 ft (7.0 m)

Aux In Cable
  Connectors: 1/8 in (3.5 mm) stereo male to 1/8 in (3.5 mm)
                                       stereo male
  Cable Length: Approximately 4 ft (1.2 m)

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. 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 SiriusXM 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.

IC Statement

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. For product available in the Canada market, only channel 1~11 can be operated. Selection of other channels is not possible. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p) is not more than that permitted for successful communication. IC Radiation Exposure Statement: This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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

Copyrights and Trademarks

Owners Record

The Radio model number is located below and the Sirius ID is located on the label on the back of Starmate 8.

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

Radio Model Number: SST8

Sirius ID:_____

siriusxm.ca

Sirius XM Canada Inc.
135 Liberty St. - 4th floor
Toronto, Ontario, M6K 1A7

1-888-539-7474