



User Guide

Stratus 4

Satellite Radio

Congratulations on the Purchase of your new SIRIUS Stratus 4 Plug-n-Play Radio

Your new SIRIUS Stratus 4 Plug-n-Play Radio lets you enjoy SIRIUS® Satellite Radio's digital entertainment in any vehicle where you've installed the included Vehicle Docking Station. Your Stratus 4 is also compatible with the SUPH1 SIRIUS Universal Plug and Play Home Kit, the SUPV1 SIRIUS Universal Plug and Play Vehicle Kit, and the SUBX1 SIRIUS Plug and Play Universal Boombox (each sold separately).

Use this manual to familiarize yourself with all of your Stratus 4's features and capabilities. For the latest information about this and other SIRIUS products and accessories, visit <http://www.sirius.com>.



Table of Contents

TABLE OF CONTENTS.	4
WARNING AND SAFETY INFORMATION.	6
FCC Information	6
Canadian Compliance	7
General Precautions	7
Warnings	8
COPYRIGHTS & TRADEMARKS	10
PACKAGE CONTENTS.	11
INSTALLATION.	13
Location	13
Mounting the Vehicle Dock	15
Installing the Antenna	19
Connecting the Cigarette Lighter Adapter	32
Docking Your SIRIUS Radio	32
Connecting Your Stratus 4 to Your Vehicle's Audio System	33
Direct Wired Audio Connection	33
Direct FM Audio Connection	34
Cassette Adapter	35
Wireless Audio Connection	36
Wireless Audio Connection Using the FM Extender Antenna	37
Subscribing to the SIRIUS Service	48
CONTROLS	49
SIRIUS Stratus 4 Front Panel	49
Vehicle Dock Reference Guide.	50
OPERATION	51
Display Screen Information	51
Changing Channels and Categories.	52
Selecting Channels Directly	52
Channel Presets	53
FM Transmitter Presets	54
Jump Button	55

MENU OPTIONS	56
SIRIUS ID	56
FM Transmitter	57
Settings	59
Display Options	59
Audio Level	60
Tones	61
Clock	61
Jump Settings	62
Channel Lock	63
Signal	65
Factory Default	65
TROUBLESHOOTING	67
OPTIONAL ACCESSORIES	68
SPECIFICATIONS	70
WARRANTY	71
SIRIUS ID	72

Warning and Safety Information

FCC Information

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

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

Note: This equipment has been tested and found to comply with the limits for a CLASS B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Canadian Compliance

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

General Precautions

Liquid Crystal Precautions

If the LCD screen on the radio is damaged, do not touch the liquid crystal fluid. If any of the following situations happen, take the action indicated:

1. 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.
2. If the liquid crystal fluid gets into your eye, flush the eye with clean water for at least 15 minutes. Seek medical care.
3. If the liquid crystal fluid is ingested, flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Seek medical care.

Safety Precautions

Be sure to observe the following warnings. Failure to follow these safety instructions and warnings may result in a serious accident.

- Do not operate your Stratus 4 in a way that might divert your attention from driving safely. As a driver, you alone are responsible for safely operating your vehicle in accordance with traffic safety laws at all times.
- Do not install the unit where it may obstruct your view through the windshield, or of your vehicle's indicator displays.
- Do not install the unit where it may hinder the function of safety devices such as an airbag. Doing so may prevent the airbag from functioning properly in the event of an accident.
- Be sure the unit is installed as described in the installation instructions which accompany each accessory kit. SIRIUS Satellite Radio is not responsible for issues arising from installations which were not installed according to the instructions.

- To avoid short circuits, do not open the unit, and never put or leave any metallic objects (coins, tools, etc.) inside the unit.
- If the unit emits smoke or unusual odors, turn the power off immediately, and disconnect the unit from any power source.
- Do not drop the unit or subject it to strong shocks.
- If the unit doesn't seem to be working properly, turn the unit off, wait 10 seconds and then turn it on again.
- The installation and use suggestions contained in this manual are subject to any restrictions or limitations that may be imposed by applicable law. The purchaser should check applicable law for any restrictions or limitations before installing and/or operating this unit.
- Do not install the FM Extender Antenna where it will hinder or block your view. In some states it may be illegal to mount it on the windshield of your vehicle. Check applicable law for any restrictions or limitations before installing the FM Extender Antenna on your windshield.
- Do not install the FM Extender Antenna where it may hinder the function of safety devices such as an airbag. Doing so may prevent the airbag from functioning properly in the event of an accident.

Warnings

Notice To Drivers In California and Minnesota

State law prohibits drivers in California and Minnesota from using suction mounts on their windshields while operating motor vehicles. Other dashboard or friction mounting options should be used. SIRIUS does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice. (See California Vehicle Code Section 26708(a); Minnesota Statutes 2005, Section 169.71)

Operating Temperature

The Stratus 4 is designed to operate between -20° to +85° C (-4° to +185° F). Avoid leaving the radio in a vehicle or elsewhere where the temperature may fall outside this range. Extreme temperatures or extreme temperature fluctuations can degrade the performance of the LCD display screen, and possibly damage it.

Cleaning and Maintenance

If the radio or accessories become dirty, turn the power off and wipe it clean with a soft cloth. Do not use hard cloths, strong cleaning fluids, paint thinner, alcohol, or other volatile solvents to clean. These may cause damage to the radio.

Cigarette Lighter Adapter

The Vehicle Dock cannot be powered directly from a vehicle's 12VDC power system. It must be powered from the vehicle's cigarette lighter or similar power port using the included Cigarette Lighter Adapter or an equivalent DC power adapter (see your local electronics dealer). Connecting the Vehicle Dock directly to the vehicle's 12VDC power system may result in damage to the Vehicle Dock or SIRIUS radio, or both.

Copyrights & Trademarks

© 2007 SIRIUS Satellite Radio Inc. All Rights Reserved.

® "SIRIUS", the SIRIUS dog logo, channel names and logos are trademarks of SIRIUS Satellite Radio Inc. "NFL" and the NFL Shield logo, and the NFL Sunday Drive name and logo are registered trademarks of the National Football League. "NHL" and the NHL Shield are registered trademarks of the National Hockey League. "NBA" and the NBA silhouette logo are registered trademarks of NBA Properties Inc. All other trademarks, service marks, sports team names, album art, and logos are the property of their respective owners. All Rights Reserved.

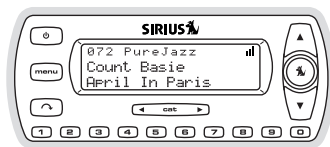
Portions of the software on this radio are licensed under the eCos License. Distribution of eCos requires that the eCos source code be made available to SIRIUS Satellite Radio customers. The eCos License and eCos source code are available to the public at <http://www.sirius.com/ecoslicense>.

SIRIUS Satellite Radio reserves all rights to all radio software not covered under the eCos license. This includes all portions of radio software that were not distributed to SIRIUS as part of the eCos operating system.

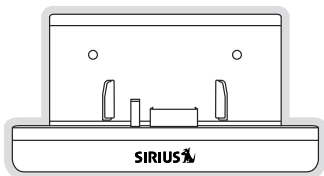
Hardware, subscription and activation fee required. For full Terms & Conditions, visit <http://sirius.com>. Prices and programming are subject to change. Not available in HI and AK. Equipment and subscription sold separately. Installation required with some equipment.

Package Contents

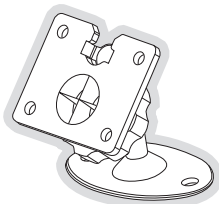
The following items are included with your purchase of the SIRIUS Stratus 4 radio:



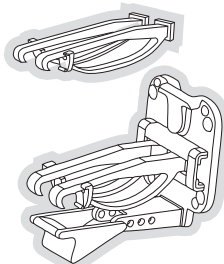
Stratus 4 Radio



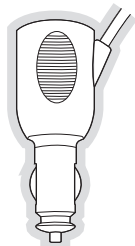
Vehicle Dock



Adhesive Dash Mount



**Vent Mount &
Extended Vent Hooks**



**Cigarette Lighter
Adapter**



**Magnetic
Antenna**



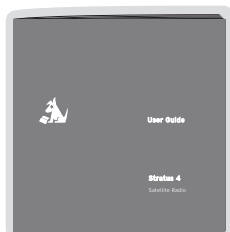
**Antenna
Cover/Tail**



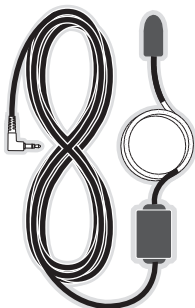
Screws



**Alcohol
Swab**



User Guide



FM Extender Antenna



Suction Cups (2)



**Self Adhesive
Cable Guides (3)**

Unpack your SIRIUS Stratus 4 radio carefully and make sure that everything shown is present. If anything is missing or damaged, or if your the radio fails to operate, notify your dealer immediately. We recommend that you retain the original carton and packing materials in case you need to ship your radio in the future.

Installation

SIRIUS suggests that you have your Stratus 4 professionally-installed in your vehicle. Professional installation provides an experienced technician to install this product in your vehicle, advice for selecting a suitable mounting location for the Vehicle Dock, installation of the antenna, and proper routing of all the necessary wires and cables. If the locations of your SIRIUS radio and your vehicle's FM antenna make the performance the SIRIUS radio's built-in FM transmitter within your vehicle poor, a professional installer will have the necessary accessories to install an optional FM Direct Adapter or audio cable to connect the audio output of the Vehicle Dock directly to your vehicle's audio system. Ask your SIRIUS retailer if they provide professional installation services, or can recommend a professional installation service.

Location

When installing the Vehicle Dock in your vehicle, choose a location in your vehicle where it will not block your vision, interfere with the vehicle 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.

Figure 1 shows two examples of the Stratus 4 mounted in a vehicle: **A** is the dash mount method, and **B** is the vent mount method using the vent mount clip.

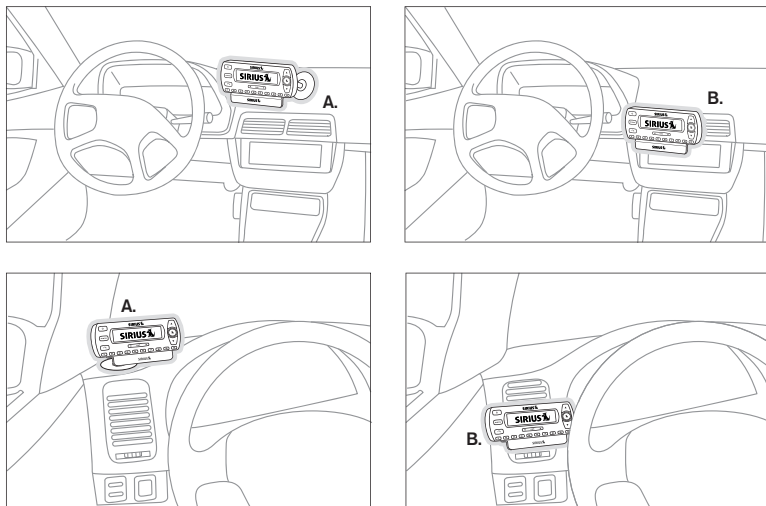


Figure 1

Mounting the Vehicle Dock

Dash Mount Method (A)

Attach the dash mount to the vehicle dock using the provided screws (see *Figure 2*).

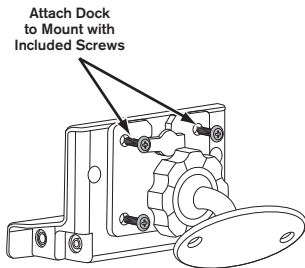


Figure 2

Select the mounting position carefully before adhering the mount to your vehicle. Once the mount has been adhered to a surface, it will not be possible to remove it and adhere it again.

Once you've selected a mounting location, clean the mounting surface area in the vehicle with the provided alcohol swab. Peel the protective material off the adhesive on the foot and press the foot firmly against the vehicle surface.

Allow the adhesive to adhere for a minimum of 2-4 hours before using the mount. The best adhesion occurs after 24 hours.

Vent Mount Method (B)

To mount the vehicle dock using the vent mount, install the vent mount as follows:

1. If the vent louvers in your vehicle are recessed, you may need to use the supplied longer vent hooks with the vent mount. Refer to *Figure 3* and install the longer vent hooks into the vent mount. Be sure to observe the orientation of the vent hooks as shown.

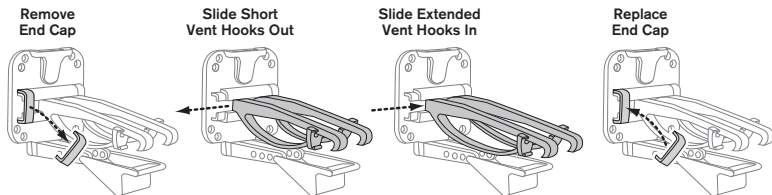


Figure 3

2. Attach the vent mount to the vehicle dock using the provided screws (see *Figure 4*).

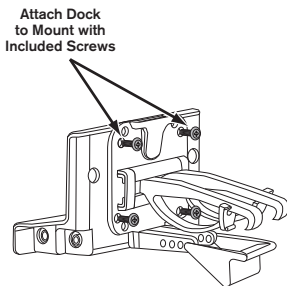


Figure 4

3. Refer to *Figure 5* and attach the vent mount to a heating/air conditioning vent in your vehicle. Position the two tension springs **A** against a vent louver **B**. Then push the vent mount into the vent, far enough so that the hooks **C** drop down and hook the rear of the vent louver (see *Figure 6*). Once you are sure that the hooks have grasped a vent louver, the tension springs **A** will keep the vent mount hooked to the louver.

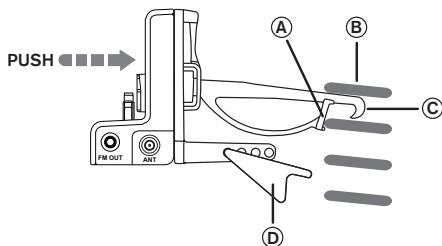


Figure 5

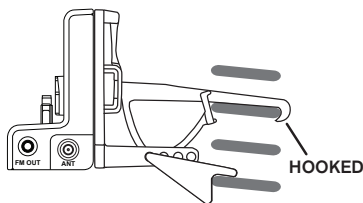


Figure 6

4. The angle of the docking station may be changed by changing the position of foot **D** on the vent mount to a different adjustment hole (see *Figure 7*).

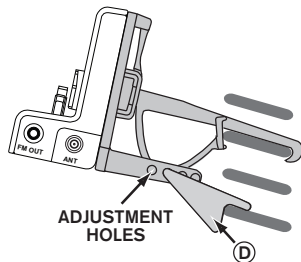


Figure 7

Installing the Magnetic Antenna

Caution

Because adhesive is used in the installation of the Rubber Antenna Cover/Tail, we recommend that you install the antenna at or above room temperature (68° F). The adhesive on the Rubber Cover/Tail may not adhere properly to the vehicle roof at temperatures lower than this. Warmer temperatures will also make it easier to route of the antenna cable through the rubber molding around the windows and in other areas in the vehicle. Maximum adhesion usually occurs within 72 hours at room temperature, so you should avoid car washes as well as other contact with the antenna and Rubber Cover/Tail during this 72 hour period.

Warning

Be sure not to cut, damage, or puncture the external jacket of the antenna cable during the installation procedure. Damage to the antenna cable can degrade the SIRIUS signal or make it unavailable, and can also cause water to intrude via the cable into the antenna causing the antenna to fail.

Do not lengthen or shorten the antenna cable by cutting it. Doing so will cause the antenna to not function properly.

Installation

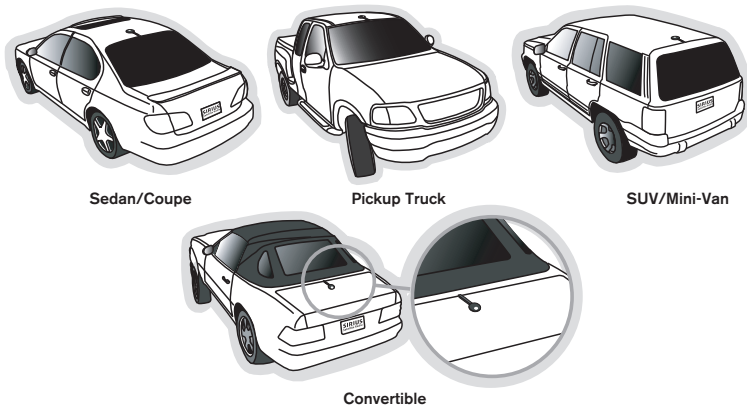
Installing the magnetic antenna consists of two steps:

- Mounting the magnetic antenna and Rubber Antenna Cover/Tail on the vehicle
- Routing the antenna cable through the vehicle to the Vehicle Dock

ANTENNA MOUNTING

The SIRIUS Magnetic Mount Vehicle Antenna has a strong magnetic mount designed to hold it in place during normal driving conditions (highway/city). This also makes the antenna easy to remove for transferring it to other vehicles.

Figure 8 shows the optimal mounting location for the antenna on several types of vehicles. These mounting positions should be observed when installing the antenna:



Convertible

Figure 8

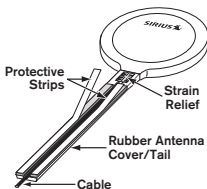
- **Sedan/Coupe/SUV/Mini-Van:** Install the antenna at the rear center of the roof, near the rear window.
- **Pickup Truck:** Install the antenna at the front center of the roof, near the windshield.
- **Convertible:** Install the antenna at the front center of the trunk lid, near the rear window.

The SIRIUS antenna needs to have an **unobstructed area of 3 inches by 3 inches around it**. It is important to mount the antenna where no obstructions will block the antenna from receiving the SIRIUS signal. Objects which can obstruct the antenna could be a roof rack, a sunroof, a roof-mounted cargo container, another antenna, etc. If your vehicle has a potential obstruction, be sure that the SIRIUS antenna is mounted at least 3 inches away from it (but no closer than 3 inches from the roof edge, or trunk lid in the case of a convertible).

Note: Read the **DO** and **DO NOT** installation tips beginning on page 29 for additional antenna installation information.

Follow this procedure to mount the antenna:

1. Select an appropriate mounting position for your type of vehicle that has an unobstructed area of 3 inches by 3 inches around the antenna.
2. Attach the Rubber Cover/Tail to the antenna, as shown in *Figure 9*, and press the antenna cable into the rubber cover/tail. The Rubber Cover/Tail will help to position the antenna the correct distance from the edge of the roof or trunk lid.



**Magnetic Antenna
(Upside-Down)**

Figure 9

3. Clean the surface area of the vehicle where you will be installing the antenna with the alcohol prep pad.
4. Peel the protective material from the adhesive strips (see *Figure 9*) and press the rubber Cover/Tail firmly into place on the vehicle.
5. Double check that the location of the antenna and rubber cover/tail are correct, and continue to press firmly down on the Rubber Cover/Tail for another 30 seconds. At room temperature (68° F), maximum adhesion usually occurs within 72 hours. During this period, avoid car washes and other contact with the antenna and the Rubber Antenna Cover/Tail.

CABLE ROUTING

After you have mounted the antenna you can route the antenna cable to the SIRIUS Vehicle Dock. Separate antenna cable routing procedures are provided for each type of vehicle: Sedan/Coupe, Pickup Truck, SUV/Mini-Van and Convertible.

Note that additional breakout illustrations for each step of the antenna cable routing procedures can be found on the SIRIUS website at <http://www.sirius.com>. Click on the **Install/Activate** link and then follow the link for the **Car Installation Tips**.

Sedan/Coupe Antenna Cable Routing Procedure

Figure 10 shows how the antenna cable should be routed from the antenna to your SIRIUS radio in a sedan/coupe.

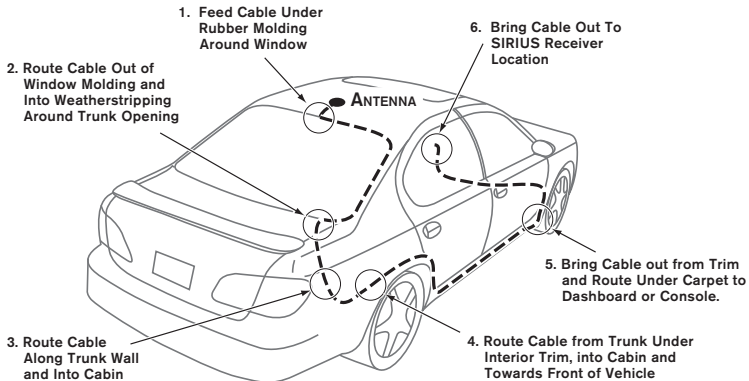


Figure 10

Follow these detailed cable installation instructions:

1. Feed the cable from the antenna underneath the rubber molding around the rear window. Use a plastic putty knife or similar object 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, SIRIUS recommends consulting with 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 of the weather stripping for a few inches, then remove the cable from the weather stripping inside of 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 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 the plastic putty knife 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.
5. Bring the cable out from the trim near the firewall 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.
6. Bring the end of the cable out at the SIRIUS Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector on the Vehicle Dock.

Pickup Truck Antenna Cable Routing Procedure

Figure 11 shows how the antenna cable should be routed from the antenna to your SIRIUS radio in a pickup truck.

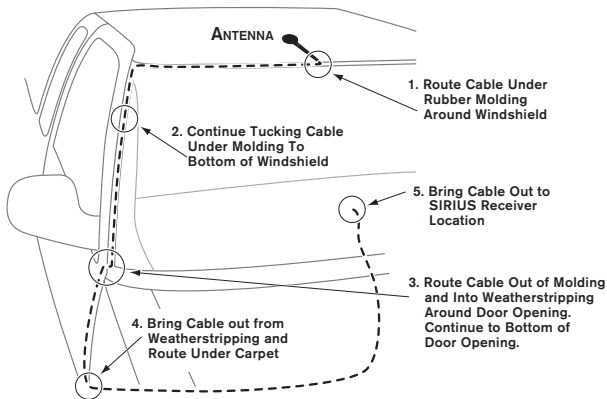


Figure 11

Follow these detailed cable installation instructions:

1. Use a plastic putty knife or similar 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 SIRIUS Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector on the Vehicle Dock.

SUV/Mini-Van Antenna Cable Routing Procedure

Figure 12 shows how the antenna cable should be routed from the antenna to your SIRIUS radio in an SUV or a Mini-Van.

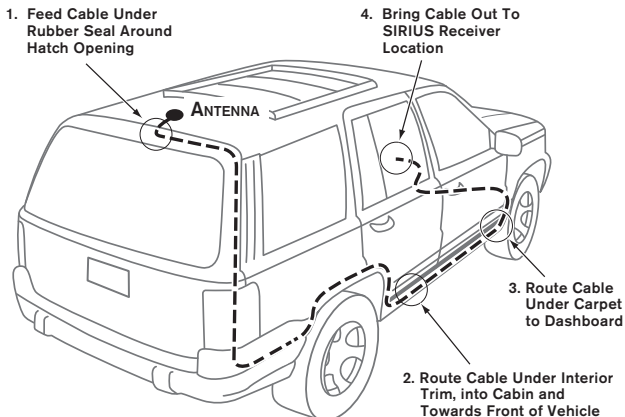


Figure 12

Follow these detailed cable installation instructions:

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 plastic putty knife 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 firewall 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.
4. Bring the end of the cable out at the SIRIUS Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector on the Vehicle Dock.

Convertible Antenna Cable Routing Procedure

Figure 13 shows how the antenna cable should be routed from the antenna to your SIRIUS radio in a convertible.

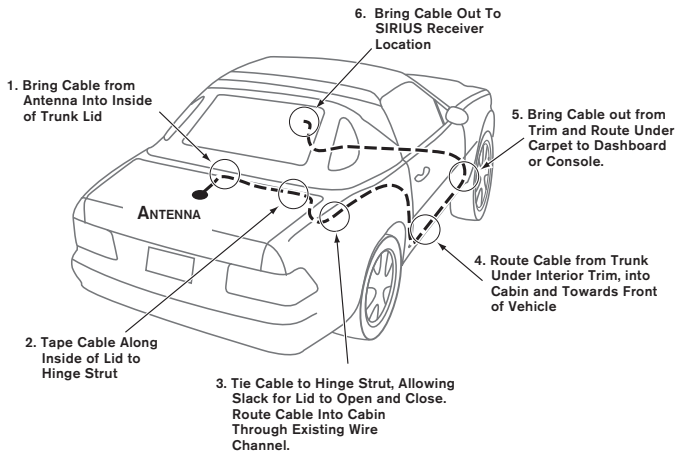


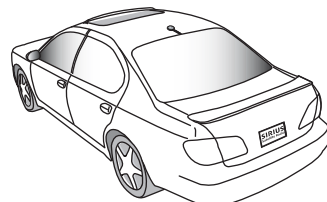
Figure 13

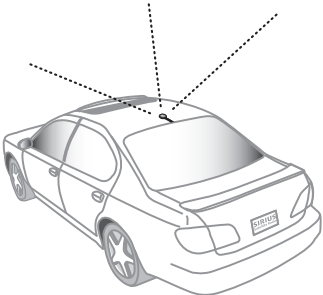
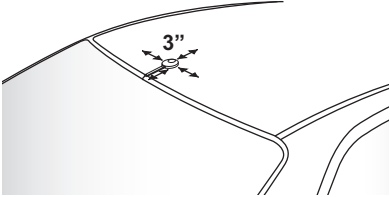
Follow these detailed cable installation instructions:

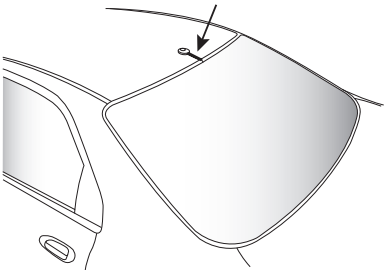
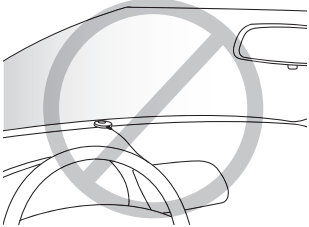
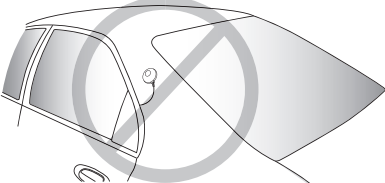
1. Bring the cable from the antenna into the trunk at the front edge of the trunk lid. Keep any bends in the cable loose. Tape or tie the cable along the inside of the trunk lid to the trunk lid hinge strut.
2. Allow enough slack in the cable so the trunk lid can easily open and close and keep the cable 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 plastic putty knife 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.
4. Bring the cable out from the trim near the firewall 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.
5. Bring the end of the cable out at the SIRIUS Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector on the Vehicle Dock.

TIPS

The following **DO** and **DO NOT** antenna mounting tips illustrate how to install the antenna for optimal performance, and also illustrate where the antenna should not be installed.

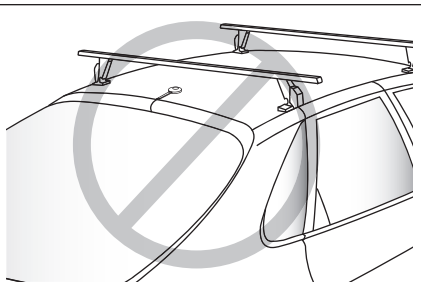
DO	Mount the antenna on the roof, at least 3 inches from the edge.	
-----------	---	---

DO	Mount the antenna on the roof where it has a clear view of the sky in all directions.	 A line drawing of a sedan from a rear three-quarter view. A small antenna is mounted on the roof. Three dashed lines radiate upwards from the antenna, representing a clear view of the sky in all directions.
DO	Mount the antenna on the roof where it has at least 3 inches of clear space around it.	 A close-up diagram of a roof edge. An antenna is mounted on the roof. A circular area around the antenna is marked with arrows and the text "3\"", indicating a required 3-inch clear space.

DO	Use the supplied Rubber Tail Cover to protect the antenna cable.	 A line drawing of the rear of a car. An antenna cable is shown extending from the trunk area towards the rear window. A small circular rubber tail cover is shown being placed over the cable where it exits the vehicle. An arrow points to the cover.
DO NOT	Don't mount the antenna inside the vehicle, for example, on the dashboard.	 A line drawing of the interior of a car, showing the dashboard and steering wheel. A small antenna is mounted on the dashboard. A large, semi-transparent 'no' symbol (a circle with a diagonal slash) is overlaid on the entire scene to indicate this is an incorrect and prohibited installation.
DO NOT	Don't mount the antenna on any of the vehicle's front, back or side pillars.	 A line drawing of the rear of a car, showing the trunk and rear window. An antenna is mounted on the rear side pillar. A large, semi-transparent 'no' symbol (a circle with a diagonal slash) is overlaid on the entire scene to indicate this is an incorrect and prohibited installation.

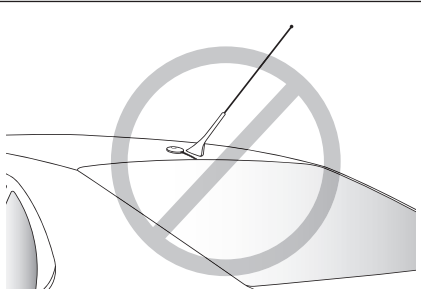
**DO
NOT**

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.



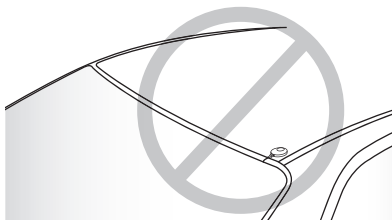
**DO
NOT**

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



**DO
NOT**

Don't mount the antenna closer than 3 inches from the edge of the roof. Use the supplied rubber tail/cover as a guide for judging proper length and correct positioning.



After you've routed the cable to the SIRIUS Vehicle Dock, connect the antenna cable to the ANT connection on the right side of the Vehicle Dock. (See *Figure 14*.)

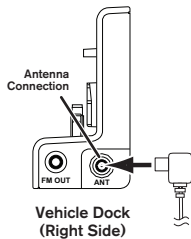


Figure 14

Connecting the Cigarette Lighter Adapter

Connect the provided cigarette lighter adapter to the 5VDC connector on the back of the Vehicle Dock. (See *Figure 15*.)

Note: Do not power the Vehicle Dock directly from your vehicle's 12VDC power system without using the Cigarette Lighter Adapter. This could damage the Vehicle Dock, your SIRIUS receiver or both.

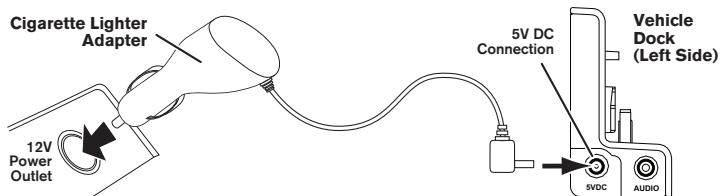


Figure 15

Docking Your SIRIUS Radio

To place your SIRIUS radio into the Vehicle Dock, align 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 (*Figure 16*). Slide the radio all the way down onto the Dock so that it fits firmly.

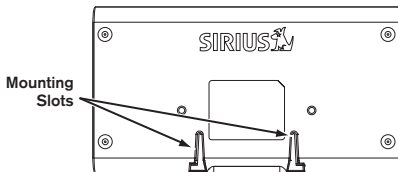


Figure 16

Connecting Your SIRIUS Stratus 4 to Your Vehicle's Audio System

There are two ways to connect your SIRIUS Stratus 4 to your vehicle's audio system: Direct Connection or Wireless Connection. Which one will perform best in your vehicle depends on your vehicle's audio system.

For the latest information go to <http://www.sirius.com/vehicleinstallation>.

Direct Wired Audio Connection

If your vehicle's audio system has an "AUX IN" or "LINE IN" jack it is the best-quality audio connection you can use for your SIRIUS radio. (And if the AUX IN or LINE IN connector is located somewhere on the front of your vehicle radio or elsewhere in the cabin, this is also the easiest way to connect your SIRIUS receiver.)

1. Purchase an audio cable that matches the connection type of your vehicle's audio system and your SIRIUS Vehicle Dock at your local electronics retailer.
- The Vehicle Dock requires a male $\frac{1}{8}$ " stereo connector.
2. Plug the cable's male $\frac{1}{8}$ " stereo connector into the AUDIO jack on the left side of the Vehicle Dock. Plug the other end into the AUX IN/LINE IN connector on your vehicle's audio system. (See *Figure 17*.)

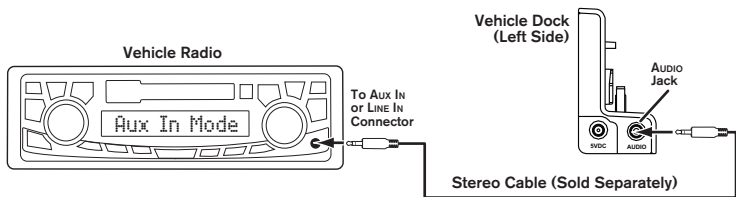


Figure 17

Direct FM Audio Connection

If your vehicle's audio system does not have an AUX IN/LINE IN connection, a SIRIUS FM Direct Adapter (sold separately) will provide the next best quality connection between your SIRIUS Stratus 4 and your vehicle radio. You will listen to your SIRIUS Stratus 4 through your car radio's FM tuner, but the SIRIUS FM Direct Adapter connects your vehicle's FM radio directly to your SIRIUS radio's FM OUT jack, eliminating the outside static and interference you sometimes experience when using a wireless FM connection. (See *Figure 18*.)

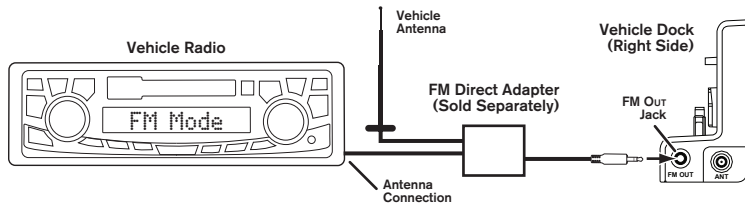


Figure 18

NOTE: Professional installation may be required. See your local SIRIUS retailer. The SIRIUS FM Direct Adapter is available at your local SIRIUS retailer or at <http://shop.sirius.com>. Follow to the instructions included with the FM Direct Adapter.

Cassette Adapter

If your vehicle's audio system has a cassette player you can purchase a cassette adapter from your local electronics retailer or from SIRIUS at <http://shop.sirius.com>. Plug the adapter's connector into the AUDIO jack on the left side of the Vehicle Dock, and insert the adapter into your vehicle's cassette player. (See *Figure 19*.)

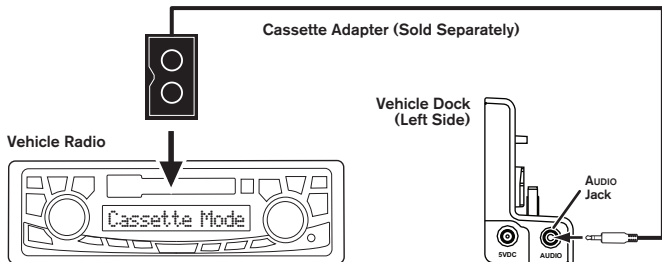


Figure 19

Note: Refer to the cassette adapter's instructions for correct use.

Wireless Audio Connection

If you cannot connect your SIRIUS Stratus 4 directly to your vehicle's audio system, your SIRIUS Stratus 4 contains an FM transmitter that will 'broadcast' its audio to your vehicle's FM radio.

To use this you need to tune the Stratus 4's FM transmitter to an FM frequency that's not being used in your area (See *Figure 20*). If you use an FM channel that is being used by a local broadcaster, it will interfere with the performance of your SIRIUS radio.

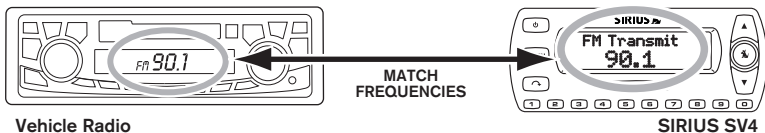


Figure 20

1. Tune through your vehicle radio's FM channels to find an FM channel (between 88.1MHz and 107.9MHz) that is not broadcasting in your area.
 - If you're not sure which FM channels are not broadcasting in your home or travel cities, you can also go to <http://www.sirius.com/fmchannel> and search for a suggested FM channel based on your zip code.
2. Once you have located an FM channel that is not broadcasting in your area, save it as a preset on your vehicle radio. This will become your SIRIUS preset.
3. Dock your SIRIUS receiver and turn its power ON. Wait for the *Channel Update* to finish before pressing any buttons.
4. Press and hold the MENU button. The Stratus 4's display will show the FM TRANSMITTER display (see *Figure 21*).

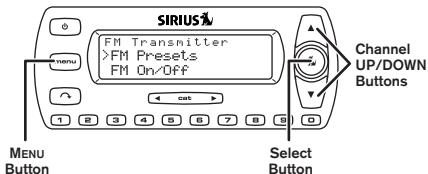


Figure 21

5. Use the Channel UP/DOWN buttons to highlight FM PRESETS and press the Select button. The FM PRESETS screen will appear (see *Figure 22*, left).



Figure 22

6. Select FM1. The FM1 preset screen will appear (see *Figure 22*, right).

Note: FM1 is factory-set to 88.1MHz (indicated by a check-mark). This may not be the best frequency for your area.

7. Use the Channel UP/DOWN buttons to highlight the same FM frequency that you set your vehicle's radio to in Step 2. A check-mark will appear next to the frequency.
8. Press the Select button to set the FM Transmitter frequency and return to the FM PRESETS screen.
9. Press the MENU button twice to return to the Default screen.

To listen to your SIRIUS radio, turn your SIRIUS radio ON, then turn your vehicle's FM radio ON and press the SIRIUS preset you set in Step 2, on page 36.

TIP: If you regularly travel between cities with different active FM channels, you may need to find channels that are not broadcasting in each city. Your SIRIUS Stratus 4 can store 5 different preset FM transmitter channels so you can easily switch to the best FM channel for each city.

Wireless Audio Connection Using the FM Extender Antenna

Your SIRIUS Stratus 4 radio includes an FM Extender Antenna that can maximize your Stratus 4's audio quality when using a wireless audio connection. Should the wireless audio quality without the FM Extender Antenna be not acceptable, you can try using the FM Extender Antenna (or opt for a direct connection, as described previously). Proper placement of the FM Extender Antenna inside your vehicle in close proximity to the vehicle's own FM antenna will provide a strong FM signal for good reception.

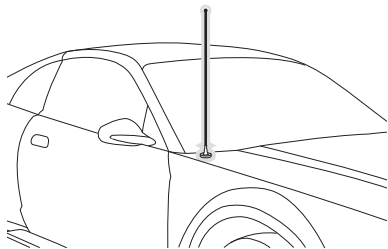
Because of the different kinds and locations of radio antennas found in different vehicles, SIRIUS suggests that you have the FM Extender Antenna professionally-installed in your vehicle. Professional installation provides an experienced technician to install the Extender Antenna, knowledge of your vehicle for locating its radio antenna, and routing the cable and connecting it to

your SIRIUS radio. Ask your SIRIUS retailer if they provide professional installation services, or can recommend a professional installation service.

The FM antennas found in vehicles are of four distinct types:

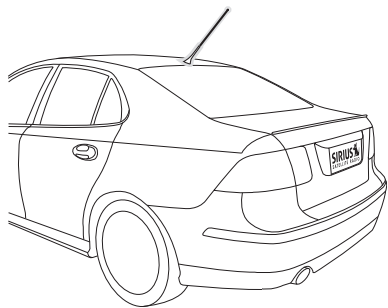
- **Aerial-Type Fender-Mounted Radio Antenna:**

A fixed or retractable aerial antenna located on the front or rear fender of the vehicle.



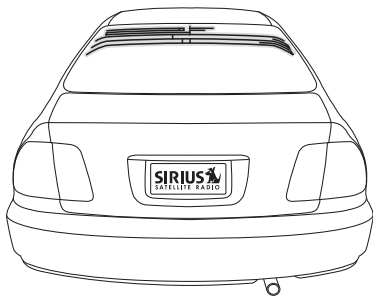
- **Aerial-Type Roof-Mounted Radio Antenna:**

A fixed aerial antenna mounted on the roof (often at the front or rear of the roof, just above the window glass).



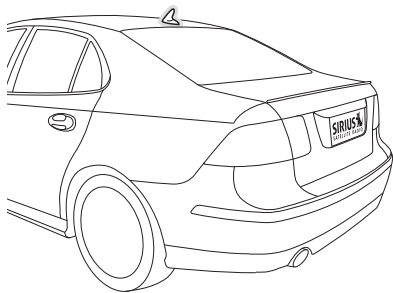
- **On-Glass Type Radio Antenna:**

Wires on the window glass of the vehicle, usually near the top of the window. It may be located on the windshield glass, the rear window glass, or a rear side window in some SUV and mini-van type vehicles (and other vehicles). It will look similar to the rear window defroster wires found in many vehicles.



- **"Shark-Fin" Type Radio Antenna:**

A device resembling a shark fin (or other shape) located on the vehicle roof above the rear window.



Before attempting installation, you should verify the type and location of the FM antenna in your particular vehicle. If you have trouble locating it, consult the manual which accompanied your vehicle, consult a dealer for your type of vehicle, or consult a professional installer.

The FM Extender Antenna should be mounted inside the vehicle, as close as possible to the vehicle antenna. A test mounting should be done first using the included suction cup mounts to test the installation. Once you find a location that provides good results, you will remove the suction cups and permanently adhere the FM Extender Antenna using the supplied adhesive mounts.

To install the FM Extender Antenna in your vehicle, follow these instructions:

1. Attach the suction cups to the FM Extender Antenna in the positions shown in *Figure 22*.
2. In this step, follow the specific instructions in sub-step **a, b, c, or d** depending on the type of radio antenna in your vehicle:

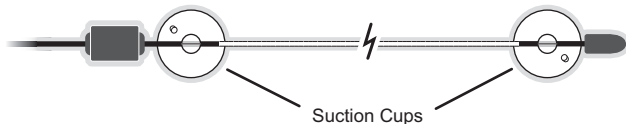


Figure 22

a. Installation Instructions for Vehicles with Aerial-Type Fender-Mounted Antenna.

For vehicles where the radio antenna is located on the front fender, the FM Extender Antenna should be mounted vertically on the front windshield at the edge of the glass nearest to the antenna (see *Figure 23*).

For vehicles where the radio antenna is located on the rear fender, the FM Extender Antenna should be mounted vertically on the rear window at the edge of the glass nearest to the antenna (see *Figure 24*).

Attach the FM Extender Antenna to the section of glass closest to the vehicle antenna in a vertical orientation (see *Figure 23* or *Figure 24*). The wire between the two suction cups should be pulled taut and as straight as possible, and should not obstruct the driver's view.

Important Caution: In some states it may not be legal to put the FM Extender Antenna on the windshield glass. In this case, mount the FM Extender Antenna on the A-pillar or B-pillar adjacent to the FM antenna (see *Figures 23* and *24*).

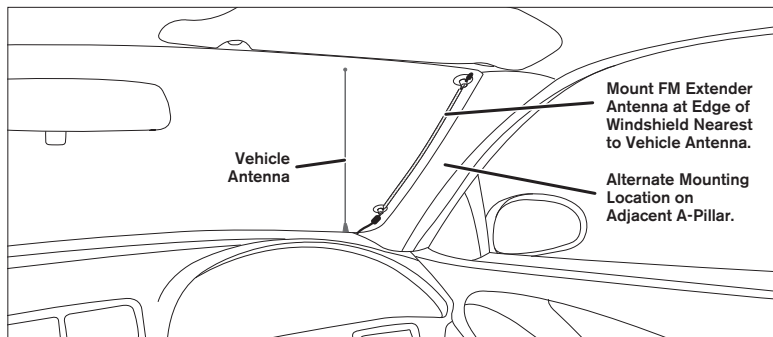


Figure 23

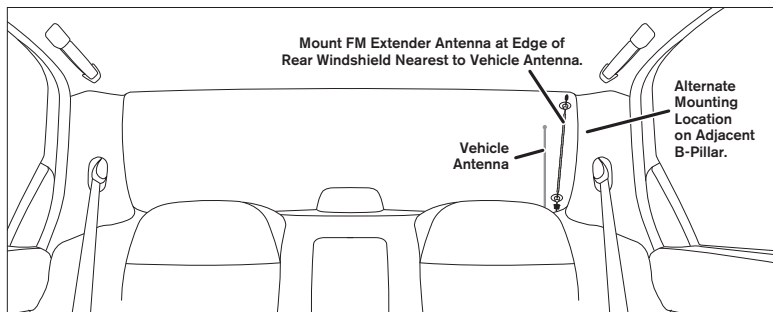


Figure 24

b. Installation Instructions for Vehicles with Aerial-Type Roof-Mounted Antenna. For vehicles where the radio antenna is located on the front or rear of the roof of the vehicle, the FM Extender Antenna should be mounted horizontally on the front or rear glass below the vehicle antenna, or installed into the vehicle's headliner, directly under the vehicle antenna.

- If you are installing the FM Extender Antenna on the window glass, attach the suction cups to the glass under the vehicle antenna in a horizontal orientation. The wire between the two suction cups should be pulled taut and as straight as possible, and should not obstruct the driver's view (see Figure 25).
- If you are installing the FM Extender Antenna into the headliner, remove the suction cups and tuck the wire into the headliner, stretched taut and straight, and centered directly under the vehicle antenna.

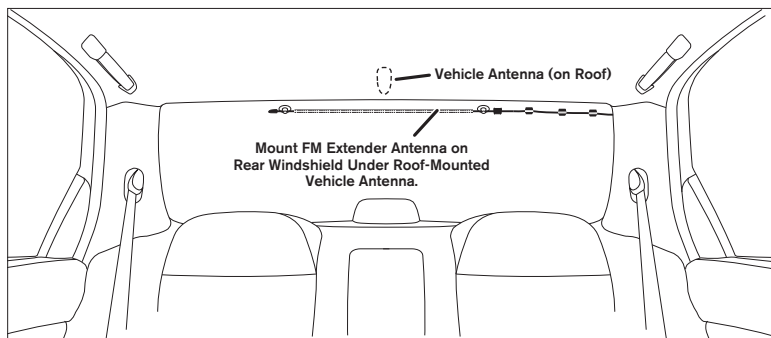


Figure 25

c. Installation Instructions for Vehicles with On-Glass Type Antenna.

For vehicles where the radio antenna is located on the window glass, the FM Extender Antenna can be mounted horizontally on the glass, directly over the vehicle's radio antenna, or installed into the vehicle's headliner, directly above the vehicle's antenna.

- If you are installing the FM Extender Antenna on the window glass, attach the suction cups to the glass centered over the vehicle's radio antenna in a horizontal

- orientation. The wire between the two suction cups should be pulled taut and as straight as possible, and should not obstruct the driver's view. (See *Figures 26 & 27*)
- If you are installing the FM Extender Antenna into the headliner, remove the suction cups and tuck the wire into the headliner, stretched taut and straight, and centered directly above the vehicle's antenna.

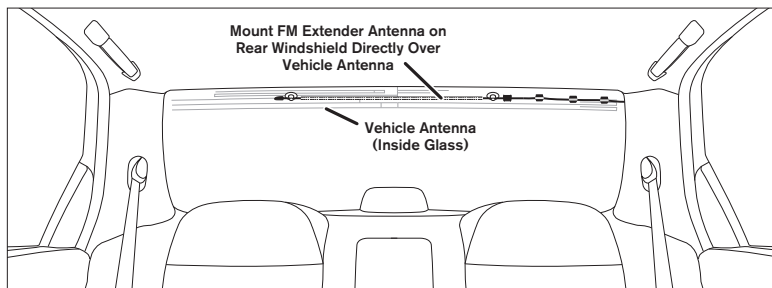


Figure 26

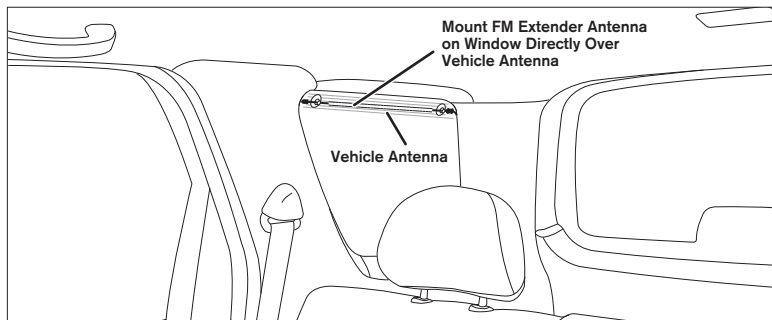


Figure 27

d. Installation Instructions for Vehicles with Shark-Fin Type Roof-Mounted Antenna. For vehicles where the radio antenna is located on the rear of the roof of the vehicle, the FM Extender Antenna should be mounted horizontally on the glass below the vehicle's antenna, or installed into the vehicle's headliner, directly under the vehicle's antenna.

- If you are installing the FM Extender Antenna on the window glass, attach the suction cups to the glass under the vehicle antenna in a horizontal orientation. The wire between the two suction cups should be pulled taut and as straight as possible, and should not obstruct the driver's view (see *Figure 28*).
- If you are installing the FM Extender Antenna into the headliner, remove the suction cups and tuck the wire into the headliner, stretched taut and straight, and centered directly under the vehicle antenna.

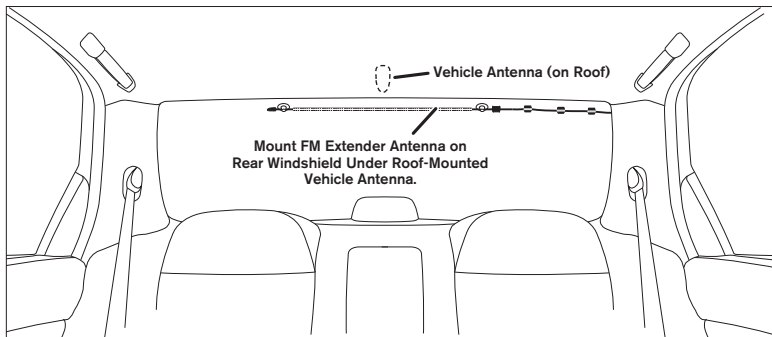


Figure 28

3. Temporarily plug the FM Extender Antenna into the Vehicle dock's FM OUT connector (see *Figure 29*).

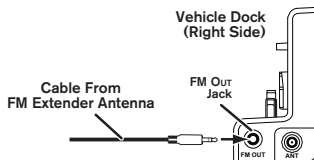


Figure 29

4. Tune through your vehicle radio's FM channels to find an FM channel (between 88.1MHz and 107.9MHz) that is not broadcasting in your area.
- If you're not sure which FM channels are not broadcasting in your home or travel cities, you can also go to <http://www.sirius.com/fmchannel> and search for a suggested FM channel based on your zip code.
- Once you have located an FM channel that is not broadcasting in your area, save it as a preset on your vehicle radio. This will become your SIRIUS preset.
 - Dock your SIRIUS receiver and turn its power ON. Wait for the Channel Update to finish before pressing any buttons.
 - Press and hold the MENU button. The Stratus 4's display will show the FM TRANSMITTER display (see *Figure 30*).

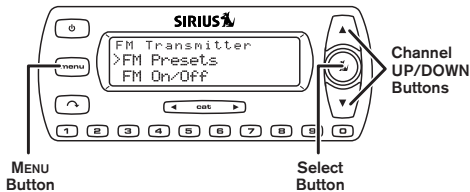


Figure 30

- d. Use the Channel UP/DOWN buttons to highlight FM PRESETS and press the Select button. The FM PRESETS screen will appear (see *Figure 31*, left).



Figure 31

- e. Select FM1. The FM1 screen will appear (see *Figure 31*, right).

Note: FM1 is factory-set to 88.1MHz (indicated by a check-mark). This may not be the best frequency for your area.

- f. Use the Channel UP/DOWN buttons to highlight the same FM frequency that you set your vehicle's radio to in Step 4a, on page 45. A check-mark will appear next to the frequency.
- g. Press the Select button to set the FM Transmitter frequency and return to the FM PRESETS screen.
- h. Press the MENU button twice to return to the Default screen.

To listen to your SIRIUS radio, turn your SIRIUS radio ON, then turn your vehicle's FM radio ON and press the SIRIUS preset you set in Step 2, on page 24. You should now hear the audio from your SIRIUS radio over your vehicle's FM radio. If the audio quality is not satisfactory, try moving the FM Extender Antenna slightly to see if a better signal can be obtained.

Note: If you have mounted the FM Extender Antenna in the headliner of the vehicle, skip Step 5.

5. When you are satisfied with the FM Extender Antenna's mounting location, remove the suction cup mounts and peel the backing off the adhesive mounts (see *Figure 27*). Permanently adhere the FM Extender Antenna in the same position on the glass (or A-Pillar), keeping it taut and as straight as possible.



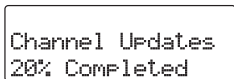
Figure 32

6. Unplug the FM Extender Antenna from the Vehicle Dock and permanently route its cable around the vehicle's passenger compartment to your Stratus 4 Vehicle Dock.
 - Use the included self adhesive cable guides (if necessary) to hold the antenna cable in place until it reaches the weather stripping or moulding at the edge of the window.
 - Tuck the cable into the molding and route it around the passenger compartment towards the Vehicle Dock. Take advantage of any existing cable channels or wiring conduits.
 - Take care not pull the cable across sharp edges that could damage it, and keep it away from areas where it might entangle feet or interfere with the driver's pedals.
 - Coil any excess antenna cable in a location where it can be hidden and then secured.
7. Plug the FM Extender Antenna into the Vehicle Dock's FM OUT connector. Refer to *Figure 29* on page 45.

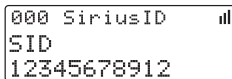
Subscribing to the SIRIUS Service

Before you can listen to the SIRIUS service, you need to subscribe to the SIRIUS Satellite Radio service. To subscribe, do the following:

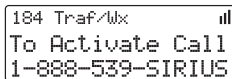
1. Be sure that your SIRIUS Stratus 4 is correctly installed, is properly docked in the Vehicle Dock, and that the antenna is oriented to receive the SIRIUS signal.
2. Turn on the Stratus 4. After the startup sequence, it will update the SIRIUS channel line-up (see *Figure 32, left*). Wait until the channel updates have completed before pressing any buttons.



Channel Updates
20% Completed



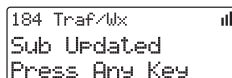
000 SiriusID ||
SID
12345678912



184 Traf/Wx ||
To Activate Call
1-888-539-SIRIUS

Figure 32

3. Once the channels have been updated, the radio will automatically tune to channel 184 and the display will change to *Call 1-888-539-SIRIUS to Subscribe* (see *Figure 32, center*). You will not be able to listen to any other channels until you activate your SIRIUS subscription.
4. Use the Channel UP/DOWN buttons to tune to channel 0 to display your Stratus 4's unique 12-digit SIRIUS ID Number (SID). See *Figure 32, right*.
 - The SID number is also available on your Stratus 4's packaging, and may also be accessed by pressing the MENU button and selecting SIRIUS ID. Write the SID number down.
5. Have your credit card handy and contact SIRIUS on the Internet at: <https://activate.siriusradio.com/> and follow the prompts to activate your subscription. You can also call SIRIUS toll-free at: **1-888-539-SIRIUS** (1-888-539-7474).
6. When you have successfully subscribed to the SIRIUS service your Stratus 4 will display an alert message (see *Figure 33*). To continue, press the Select button.



184 Traf/Wx ||
Sub Updated
Press Any Key

Figure 33

You are now ready to begin enjoying SIRIUS Satellite Radio's digital entertainment, and can tune to other channels!

Controls

SIRIUS Stratus 4 Front Panel

Figure 34 and the section following identify and describe the SIRIUS Stratus 4's buttons and controls.

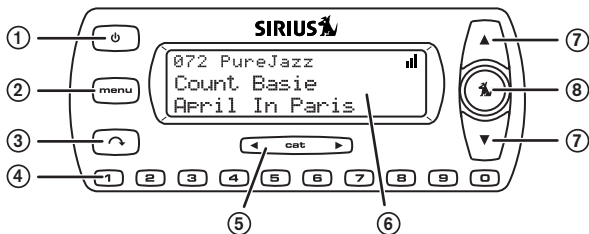


Figure 34

1. **Power Button:** Turns the radio's power **ON** and **OFF**.
2. **MENU Button:** Accesses Menu Options to make setup and feature changes. Pressing and holding selects between different preset frequencies used by the built-in wireless FM transmitter.
3. **Jump Button:** Jumps to a pre-selected traffic/weather channel.
4. **Preset/Direct Tune Buttons (0 – 9):** Sets and selects preset channels. Also lets you directly tune channels by entering the channel number.
5. **Category < > Buttons:** Navigates through the Category List screen which displays SIRIUS channel categories.
6. **LCD Display:** Displays information about the Stratus 4's operation and about the program that is playing.
7. **Channel UP/DOWN Buttons:** Navigates through channels and display screens.
8. **Select Button:** Selects items highlighted on the display screen. When at the Default display screen, a press-and-release will display a prompt to enter a channel number.

Vehicle Dock Reference Guide

Figure 35 and the section following identify and describe the Vehicle Dock's features and connectors.

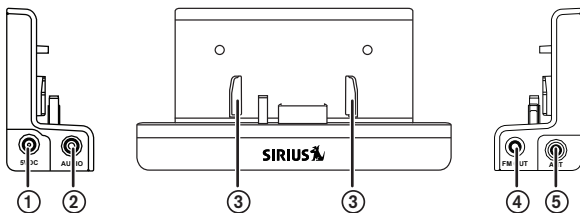


Figure 35

1. **DC5V Power Connector:** Power connection for the supplied cigarette lighter adapter (see page 32).
2. **Audio Out (AUDIO) Connector:** Audio output for directly connecting to your vehicle's audio system (see pages 33 & 35).
3. **Docking Rails:** Fit-into slots in the back of the SP5 to secure it while it is docked (see page 32).
4. **FM OUT Connector:** FM output for use with the optional FM Direct Adapter (see page 34).
5. **Antenna (ANT) Connector:** Connection for the supplied magnetic antenna (see page 31).

Operation

Display Screen Information

Whenever you power your Stratus 4 **ON**, the previously-selected channel will automatically begin playing, and the Stratus 4's display screen will show the currently-tuned channel, the song or show being played, the artist name and other information. This screen is referred to as the *Default* screen in this manual. *Figure 36* identifies the information displayed when listening to a typical broadcast.

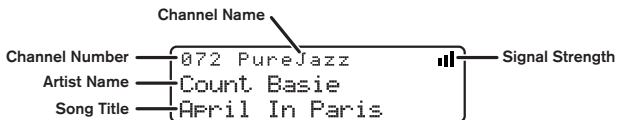


Figure 36

You can choose to have the channel name, category name, or the time displayed on the Default display screen (see *Figure 37*).

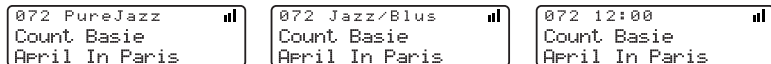


Figure 37

To change the display, press the MENU button, use the Channel UP/DOWN buttons and Select button to highlight and select **DISPLAY OPTIONS > MODE**, and then choose the desired display option. (See *MODE*, on page 60.)

Changing Channels and Categories

Pressing the Channel UP or DOWN button will cause the Stratus 4 to immediately tune to the next or previous channel.

Pressing the Category < or > button once will display a list of the channels in the current category, highlighting the currently-tuned channel (see *Figure 38*). Use the Channel UP/DOWN buttons to navigate through the list, and press the Select button to choose a selected channel. Press the Category < or > buttons to scroll through all the different categories (see *Figure 38*).

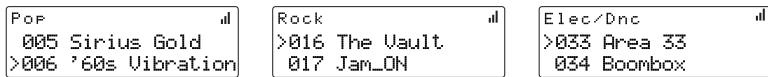


Figure 38

Selecting Channels Directly

You can directly tune to any channel by entering its channel number. Momentarily press and release the Select button. At the display prompt (*Figure 39*), use the Preset/Direct tune (0 – 9) buttons to enter the channel's three-digit number.

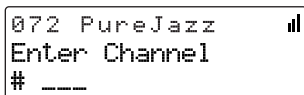


Figure 39

Channel Presets

You can store up to 10 of your favorite channels as presets for quick access by pressing the 0 – 9 buttons.

Storing Channel Presets

To store a favorite channel as a preset, do the following:

1. Tune the Stratus 4 to the channel you want to store as a preset.
2. Press and hold for 1 second the numbered preset button (0 – 9) in which you want to store the channel. You will hear an audible beep and the display will confirm that the channel has been stored as a preset (see *Figure 40*).

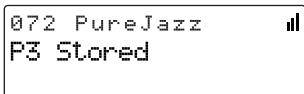


Figure 40

Note: If the preset button already has a channel stored in it, the newly-stored channel will replace the original preset.

Selecting Presets

To tune to a preset channel, press and release one of the 0 – 9 buttons. If you press a preset button in which no channel has been saved, the *PRESET EMPTY* message will be displayed (see *Figure 41*).

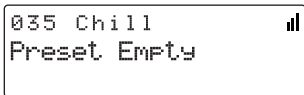


Figure 41

FM Transmitter Presets

If you are using a wireless connection between your SIRIUS Stratus 4 and your vehicle's audio system (see page 36), you can easily select between the five different preset FM transmitter frequencies or select new FM transmitter preset frequencies without having to go through the Menu Options (see page 57).

To quickly access the FM Transmitter menu, press and hold the MENU button.

If the FM Transmitter is set to ON: Each press-and-hold of the MENU button will switch to the next preset FM Transmitter frequency (see *Figure 42*).

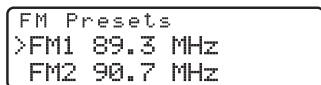


Figure 42

If the FM Transmitter is set to OFF: The FM On/Off screen appears (see *Figure 43*). Use the Channel UP/DOWN buttons to highlight ON, and press the Select button.

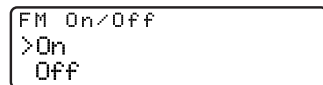


Figure 43

After selecting ON, the FM PRESETS screen will appear. Each press-and-hold of the MENU button will switch to the next preset FM Transmitter frequency (see *Figure 42*).

Jump Button

Pressing the Jump button will jump to a traffic/weather channel which you have chosen for your area. This button allows you to quickly tune the traffic/weather for your area and then tune back to the original channel by pressing the Jump button again (see *Figure 44*).

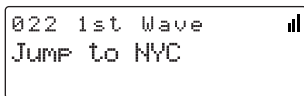


Figure 44

If your traffic/weather report is not immediately available, the display will indicate that a jump is pending (see *Figure 45*). Once your local traffic/weather report is ready, the Stratus 4 will automatically tune to the traffic/weather channel. You may have to wait a few minutes for your desired report.

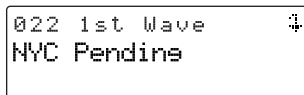


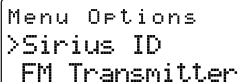
Figure 45

Pressing the Jump button while a jump is pending will cancel the jump. Pressing the Jump button after the Stratus 4 has tuned to the traffic/weather report will return to the channel you had been listening to immediately prior to pressing the Jump button.

Refer to *Jump Settings* on page XX for information on configuring the Jump button for traffic/weather in your area.

Menu Options

Menu Options allows you to set and/or change the various features and settings of your SIRIUS Stratus 4. Press and release the MENU button to display the MENU OPTIONS screen (see *Figure 46*).



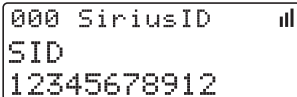
```
Menu Options
>Sirius ID
FM Transmitter
```

Figure 46

Use the Channel UP/DOWN buttons to highlight selections in the menu lists and press the Select button to select them. To exit a menu, press the MENU button. If you don't make a selection within 10 seconds the Stratus 4 will exit the MENU OPTIONS screen and revert to the last active display mode. You can exit any Menu Options screen by pressing the MENU button.

SIRIUS ID

This displays your Stratus 4's 12-digit SIRIUS ID (SID) number (see *Figure 47*).




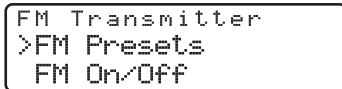
```
000 SiriusID  
SID
12345678912
```

Figure 47

The SID is unique to each SIRIUS radio, and is required to activate your service. We recommend that you write this number in the space provided near the end of this user guide. No adjustments are allowed in this mode. To exit, press the MENU button.

FM Transmitter

The FM Transmitter menu option allows you to enable or disable the Stratus 4's built-in FM transmitter, and select up to 5 different preset FM transmitter frequencies (see *Figure 48*).



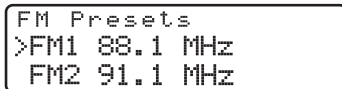
```
FM Transmitter
>FM Presets
FM On/Off
```

Figure 48

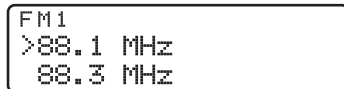
FM PRESETS

You can select from the 5 preset FM transmitter frequencies:

1. On the FM TRANSMITTER screen (*Figure 48*), highlight and select FM PRESETS. The FM PRESETS screen will appear (see *Figure 49*, left). Note: You may also enter this list by pressing and holding the MENU button.



```
FM Presets
>FM1 88.1 MHz
FM2 91.1 MHz
```



```
FM1
>88.1 MHz
88.3 MHz
```

Figure 49

2. Use the Channel UP/DOWN buttons to highlight the FM preset you want (FM1 – FM5), and press the Select button. The display will show a list of FM frequencies (see *Figure 49*, right). The currently-selected frequency for that preset will be highlighted.
3. **To select the FM Preset:** Press the Select button.

To change the FM Preset's FM frequency: Use the Channel UP/DOWN buttons to highlight a different FM frequency, then press the Select button.

To exit, press the MENU button.

FM On/Off

You can turn the Stratus 4's FM transmitter ON and OFF:

1. From the FM TRANSMITTER screen (see *Figure 48*, on page 57), highlight and select FM On/Off. The FM ON/OFF screen will appear (see *Figure 50*).

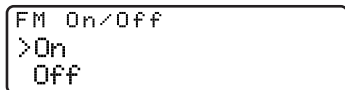


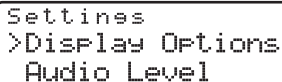
Figure 50

2. To turn the FM transmitter ON, highlight and select ON; to turn the FM transmitter OFF, highlight and select OFF.

Press the MENU button to exit.

Settings

The SETTINGS menu lets you access the DISPLAY OPTIONS, AUDIO LEVEL, TONES, CLOCK, JUMP SETTINGS and CHANNEL LOCK menu options (see *Figure 51*).

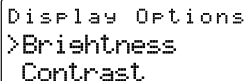


```
Settings
>Display Options
Audio Level
```

Figure 51

Display Options

The Display Options menu (*Figure 52*) lets you adjust the Stratus 4's LCD display to improve its visibility in different lighting conditions, and to display different types of information.



```
Display Options
>Brightness
Contrast
```

Figure 52

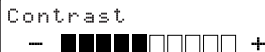
BRIGHTNESS AND CONTRAST

Brightness adjusts the overall intensity of the LCD display to help with viewing in different lighting conditions. **Contrast** adjusts the relationship between the background and the text on the LCD display.

Use the Channel UP/DOWN buttons to adjust the brightness and contrast. The bar graphs will indicate the change (see *Figure 53*).



```
Brightness
- ██████████ □□□ +
```



```
Contrast
- ████████ □□□□ +
```

Figure 53

Mode

The MODE screen (Figure 54) lets you change the default display screen to display either the channel name, category name, or the time. See Figure 55 for examples.

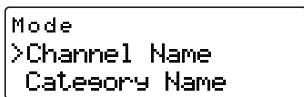
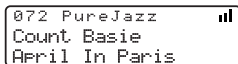
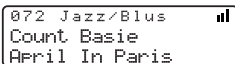


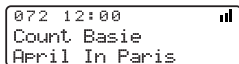
Figure 54



Channel Name



Category Name



Clock

Figure 55

Use the Channel UP/DOWN buttons to select the desired mode and press the Select button to set your choice.

Audio Level

The AUDIO LEVEL screen lets you use the Channel UP/DOWN buttons to adjust the Stratus 4's audio output level (see Figure 56). The bar graph will indicate the change.



Figure 56

Tones

You can select whether to hear an audible confirmation tone as you navigate menus and lists. To turn the tones on or off, use the Channel UP/DOWN buttons to select your choice and press the Select button to set your choice (see *Figure 57*).

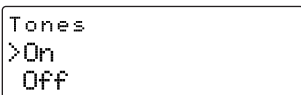


Figure 57

Clock

The CLOCK screen (see *Figure 58*) allows you to setup the clock that appears on the Default screen, based on the format desired and the time zone in which you reside. The actual time is provided via the SIRIUS satellite signal, and will automatically update your Stratus 4.

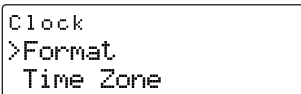


Figure 58

Format

Displays the time in either 12-hour (default) or 24-hour format (see *Figure 59*).

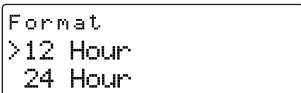



Figure 59

Time Zone

Since the clock adjusts the time automatically, it is important to specify your time zone. Select your time zone from the list of the available time zones (see *Figure 60*).

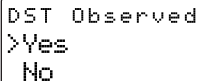


```
Time Zone
>Eastern
Atlantic
```

Figure 60

Daylight Savings Time

Select ON if your area observes Daylight Savings Time; select OFF if your area does not (see *Figure 61*).

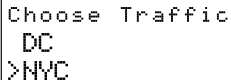


```
DST Observed
>Yes
No
```

Figure 61

Jump Settings

The *Jump* menu lets you select which city's traffic and weather reports the Stratus 4 will provide when you press the Jump button. Use the Channel UP/DOWN buttons to select a city and press the Select button to set your choice (see *Figure 62*).



```
Choose Traffic
DC
>NYC
```

Figure 62

Channel Lock

Your SIRIUS Stratus 4 has the ability to lock channels you do not want others (such as children) to access without your permission. Locked channels will not appear on the Channel List screen, or when browsing channels with the Channel UP/DOWN buttons. When the anyone tries to access a locked channel using the Direct Tuning function (see page 52), an ENTER CODE screen will be displayed and the channel won't be accessed until the correct code is entered.

Locking and Unlocking Channels

1. Select the CHANNEL LOCK menu option. The CHANNEL LOCK screen will appear (see *Figure 63*, left).



Figure 63

2. Select LOCK/UNLOCK. You will need to enter the lock code to proceed. Refer to *Changing the Lock/Unlock Code*, on page 64 for information on how to set the lock code.
3. Once you enter the lock code the LOCK/UNLOCK screen will appear (see *Figure 63*, right). Use the Channel UP/DOWN buttons to highlight the channel you wish to lock or unlock from the channel list. Pressing the Select button will either add a padlock icon next to the channel name to indicate that the channel will be locked, or unlock a locked channel by removing the padlock icon.

Changing the Lock/Unlock Code

The first time you access the LOCK/UNLOCK menu, you must enter the default lock code. The default lock code is **0 0 0 0**. You can keep this code or change it. To change the lock code:

1. Select the CHANNEL LOCK menu option. The CHANNEL LOCK screen will appear (see *Figure 63*, left, on page 63)
2. Select the EDIT CODE menu option. The ENTER CODE screen will appear (see *Figure 64*).

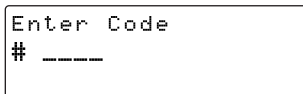


Figure 64

3. Enter the default lock code (**0 0 0 0**) or the current lock code if you have changed it from the default code. (If you enter the wrong code, a message will be displayed indicating that the wrong code has been entered.)
4. The NEW CODE prompt will be displayed. Enter your new four digit code using the 0 – 9 number buttons. You will then be prompted to enter the new code again to confirm.
5. When the new lock code is confirmed, the lock code is changed.

You can use this same procedure to change the lock code again after you have changed it from the default code.

Note: If you have forgotten your Channel Lock code, call SIRIUS Customer Service for help.

Signal

When using the optional Home Docking Station or Boombox indoors, it is important to aim the antenna for maximum signal reception. The SIGNAL screen (see *Figure 65*) visually shows the strength of the satellite and terrestrial signals being received by the Stratus 4. (Refer to the Home Docking Station installation guide for more information about properly orienting the antenna.)

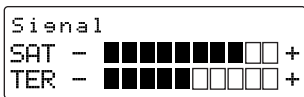


Figure 65

The SAT bar graph indicates the strength of the satellite signal strength; the TER bar graph indicates the strength of the terrestrial signal strength (if available).

Factory Default

The *Factory Default* menu option will restore most every feature of the radio to the original factory settings. The following is a list of all features affected by the Factory Default option:

- All Channel Presets are cleared
- Radio set to Normal Tuning Mode
- Display brightness set to 50%
- Display Contrast set to 50%
- FM Transmitter set to ON
- FM Transmitter Preset #1 set to 88.1 MHz
- Jump setting is cleared
- Top line display mode set to Channel Name
- Audio level set to -3dB
- Confirmation Tone set to ON

Note that the Parental Control feature is not affected by the Factory Default option. If a code has been set for the Parental Control feature, the code will not be reset by the Factory Default

feature, preventing someone from circumventing the Channel Lock feature. Channels which have been locked will remain locked.

To activate the Factory Default feature, and restore the above features to their factory defaults, do the following:

1. Highlight and select **FACTORY DEFAULT** from the Menu Options screen. The **RESTORE?** screen will appear (see *Figure 66*, left).
2. Highlight and select **YES** to restore the above settings to the their factory default settings, or select **NO** to leave them as-is and return to the **MENU OPTIONS** screen.

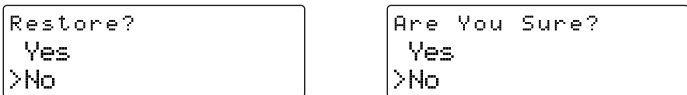


Figure 66

3. If you select **YES**, a confirmation screen appears (see *Figure 66*, right). Use the Channel UP/DOWN buttons to select **YES** to restore all settings to the settings from the factory, or select **NO** to leave them as-is and return to the Menu Options menu.
4. If you select **YES**, the Stratus 4 will restore the original factory settings (see *Figure 128*).

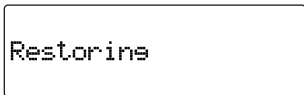


Figure 66

5. When the Restore is complete, the Stratus 4 tune to Channel 184 (the SIRIUS pre-view channel) and display **CALL 1-888-539-SIRIUS TO SUBSCRIBE**. **Your Stratus 4 is still subscribed to the SIRIUS service, and you can tune to any channel that hasn't been locked using the Channel Lock feature.**

Troubleshooting

Symptom	Solution
The Stratus 4 does not power ON	Blown fuse, or the power cable is not properly connected. <ul style="list-style-type: none">• Check for a bad fuse and check power cable connection
Display reads: <i>No Antenna</i>	The satellite antenna is not connected to the radio. <ul style="list-style-type: none">• Check the satellite antenna connection to the radio.
Display reads: <i>Acquiring Signal</i>	No satellite signal is being received. <ul style="list-style-type: none">• Check for obstacles over or around the satellite antenna.• Change the vehicle location to eliminate nearby obstacles (bridges, overpasses, tress, buildings, etc.).
Audio static or loss of clarity	The FM frequency contains static. <ul style="list-style-type: none">• Locate a quiet FM frequency on your vehicle radio and set the FM transmitter frequency of the SIRIUS radio to match.• If using the Vehicle Dock AUDIO OUT connector, check the cable connections.
No sound	The audio cables are not connected, or the FM radio is set to the wrong frequency. <ul style="list-style-type: none">• Check the audio cables at the SIRIUS radio and the vehicle's audio system.• Tune the vehicle's FM radio to the same FM frequency the SIRIUS FM transmitter is tuned.

Optional Accessories

The following optional accessories are available for purchase from your SIRIUS retailer to maximize your SIRIUS experience:

SUBX1 SIRIUS Plug and Play Universal Boombox

The SUBX1 SIRIUS Plug and Play Universal Boombox is a portable docking station and audio system for use with the SIRIUS radio. With the built-in amplifier and speakers, the boombox delivers rich powerful sound indoors or outdoors, and features an auxiliary input for other audio devices,

Included with the boombox is an adjustable indoor/outdoor windowsill antenna with 20' of cable and an AC adapter.

SUPH1 SIRIUS Universal Plug and Play Home Kit

The SUPH1 SIRIUS Universal Plug and Play Home Kit is a compact docking cradle that positions the radio for easy viewing and operation. Designed for quick and easy self-installation, it includes all necessary cabling to connect your SIRIUS radio to your home audio system.

The kit includes a compact tabletop/desktop docking cradle with FM output for wireless connectivity, an audio cable for connection to any stereo bookshelf system, an adjustable indoor/outdoor windowsill antenna with 20' of cable, and an AC Adapter.

SUPV1 SIRIUS Universal Plug and Play Vehicle Kit

The SUPV1 SIRIUS Universal Plug and Play Vehicle Kit is a compact docking cradle that positions the radio for easy wiring, viewing, and operation in an additional vehicle. Designed for quick and easy self-installation, it provides several mounting options and includes all necessary cabling to connect your SIRIUS radio to your vehicle audio system.

The SUPV1 SIRIUS Universal Plug and Play Vehicle Kit will work with the Sportster 4 and most new SIRIUS plug and play radios.

The kit includes a mobile docking cradle, a suction cup vehicle mount, a vent mount, a cigarette lighter adapter, and a magnetic antenna with 21' of cable.

FM Direct Adapter

The FM Direct Adapter accessory redirects your vehicle's FM antenna signal when listening to your SIRIUS radio using your vehicle's AM/FM radio. When the SIRIUS radio is powered on the FM Direct Adapter automatically redirects the vehicle's FM antenna signal away from the vehicle's AM/FM radio, reducing any interference which might be present from FM radio station broadcasts. When the SIRIUS radio is turned off, the FM antenna signal is automatically redirected back to the vehicle's AM/FM radio. (Product number 14100.)

Specifications

Satellite Frequencies	2322.293/2330.207 MHz
Terrestrial Frequencies	2326.250MHz
Radio Power Requirements	4.9 – 5.6 Volts, Negative Ground, DC
Audio Output	.550mVrms (+/- 50mVrms)
Total Harmonic Distortion (THD)	<0.2%
Signal-to-noise (S/N)	Greater than 73dB
Fuse Requirement	.2A ATC
Radio Dimensions (Length x Width x Depth)	114.3mm x 48.26mm x 15.24mm (4.5" x 1.9" x 0.6")
Radio Weight	.85.0g (3.0 oz.)
Cigarette Lighter Adapter Power Requirements	.9 –16 Volts, Negative Ground, DC
Antenna Type	Low Profile Magnetic
Antenna Cable Length	.21' (single micro-cable)
Antenna Connector Type	SMB (right-angle)
Audio Out Interface	1/8" / 3.5mm Stereo Jack
FM Out Interface	2.5mm Jack

Note: Features and Specifications are subject to change without notice.

Warranty

12 Month Warranty

SIRIUS Satellite Radio Inc. (the "Company") warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor. To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the location shown below under WARRANTY RETURN.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, compact discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 48 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

WARRANTY RETURN: To obtain repair or replacement within the terms of this Warranty, please return product to an authorized retailer or call Customer Service at 1-800-869-5590; proof of purchase and description of defect are required. Products to be returned to an approved warranty station must be shipped freight prepaid.

SIRIUS ID

Write down the SIRIUS ID (SID) of your SIRIUS Stratus 4 in the space provided below.

SID: _____



SIRIUS Customer Service: 1-888-869-5590
customer care@sirius-radio.com

SIRIUS Satellite Radio Inc.
1221 Avenue of the Americas
New York, NY 10020
1-888-539-7474
<http://www.sirius.com>



sirius.com

Sirius Satellite Radio Inc.
1221 Avenue of the Americas
New York, NY 10020

800.869.5590

Stratus 4 User Guide (062907a)
00.ABCD1.001