

ORBITER

SIRIUS 

Sirius Satellite Radio
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www.sirius.com

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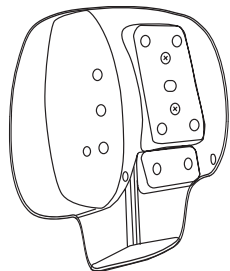
SM4000 Mobile Docking Station Installation Guide



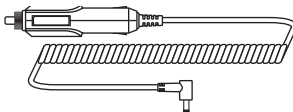
Box Contents

After you unpack your SM4000 Mobile Docking Station, make sure everything here is included:

1 x Docking Cradle



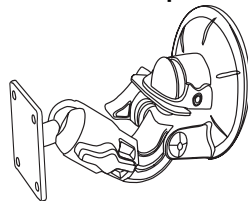
1 x Car Power Adaptor



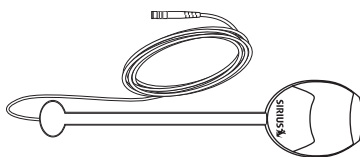
1 x Audio Cable



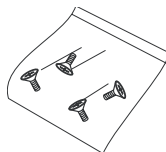
1 x Suction Cup Mount



1 x Antenna



4 x Machine Screws



For the latest information about this and other Orbiter products, visit www.sirius.com. If anything is missing or damaged, or if your SR4000 Receiver or SM4000 fails to operate, notify your shipper immediately. It is recommended that you keep the original packaging in case you need to ship your SM4000 in the future.

Safety Precautions

Warning

Take the following precautions to prevent traffic accidents and avoid personal injury:

- Installation must be performed according to this installation manual. Sirius is not responsible for issues arising from installations not performed according to the procedures in this manual.
- 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.
- 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.
- Failure to follow these safety instructions and warnings may result in a serious accident.

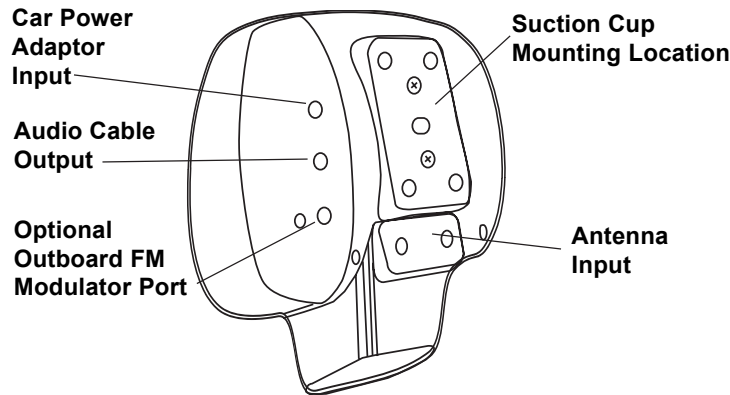
Caution

Take the following precautions to keep the unit in proper working order:

- Be sure the unit is connected to a 12V DC power supply with a negative ground connection.
- Do not install the unit where it will be exposed to high levels of humidity, moisture, or dust.
- When replacing a fuse, use only a new one with the proper rating. Using a fuse with the wrong rating may cause the unit to malfunction.
- To prevent a short circuit when replacing a fuse, first unplug the car power adaptor from the cigarette lighter.

SM4000 Mobile Vehicle Docking Station Installation Guide

Note: Do not put the SR4000 Receiver in the docking station until you have completed the installation.



Installation in a Vehicle

- Determine where you want to mount the SR4000 Receiver with the SM4000 Mobile Docking Station:
 - Do not install the SR4000 Receiver where it may obstruct your view through the windshield or your view of your vehicle's indicator displays.
 - Do not install the SR4000 Receiver where it will hinder your access to the vehicle's controls.
 - Do not install the SR4000 Receiver 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.

- Find a location that provides good visibility of and access to the SR4000 Receiver's front panel.
 - It is strongly recommended that you mount the SR4000 Receiver using the provided Suction Cup mount, adhered to the windshield. Use the 4 provided screws to attach the Suction Cup to the back plate of the cradle.
- Plug the car power adapter into the back of the Docking Station. Don't plug the adapter into the cigarette lighter until the installation is completed.
 - If your car stereo has an AUX input, plug the supplied audio cable into the back of the cradle. Plug the audio cable's white (L ch) and red (R ch) connectors into your car stereo.

Utilizing the FM Transmitter

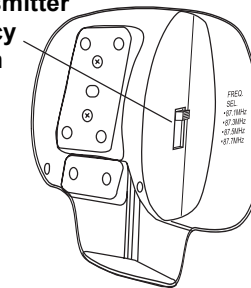
The SM4000 Docking Cradle includes a Built-in Wireless FM Transmitter which can broadcast the audio signal to the car radio on one of four selectable FM frequencies. The audio signal can then be played through your car radio when the car radio is tuned to one of these frequencies.

- Move the frequency selection switch to the desired frequency.
- Tune the car radio to the same frequency as the switch.

Note: Choose a frequency that does not have any FM audio already.

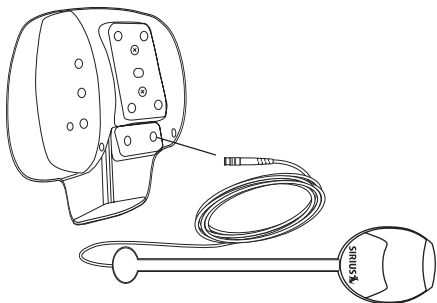
FM Transmitter Frequency Selection Switch

Frequency Choices:
 87.1MHz
 87.3MHz
 87.5MHz
 87.7MHz



Installation in a Vehicle: Mounting the Antenna

1. Temporarily plug the antenna into the "ANT" connector on the back of the cradle until it is firmly seated.

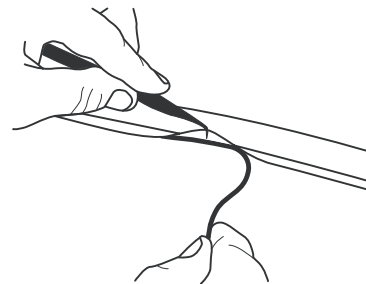


2. Find an antenna location on a metal surface of your vehicle at least 12" x 12", and at least 6" from a window.
3. The antenna's powerful magnet will secure it to the metal surface. Before routing the antenna cable, confirm that the antenna is mounted in a good location.

4. Temporarily plug the Car Power Adapter into the cigarette lighter.
5. Slide the SR4000 Receiver all the way into the cradle so that the connector at the bottom of the unit makes proper contact in the cradle. Press and hold the POWER button to turn the SR4000 Receiver on.
6. If your SR4000 Receiver has been properly connected and the antenna is receiving the SIRIUS signal you will hear audio. If you do not hear audio and the display shows "Acquiring Signal", reposition the antenna until the message goes away and you hear audio. (See Antenna Signal, on page 21 of the SR4000 Receiver manual to use the ANTENNA SIGNAL screen to aim the antenna.)
 - Make sure the vehicle is not in garage, or somewhere the satellite signal could be blocked.
 - Best reception is achieved with the antenna mounted on the roof or the trunk for convertibles.
 - If the vehicle has a roof rack or skid ribs, it may be necessary to mount the antenna off-center.

Installation in a Vehicle: Running the Antenna Cable

1. Turn the SR4000 receiver power OFF and remove it from the cradle; unplug the Car Power Adapter from the cigarette lighter; unplug the antenna from the cradle.



2. Route the cable from the antenna to the vehicle's interior by tucking it underneath the rubber molding around rear window, as shown below.

3. Route the cable from the lowest point of the rear window into the trunk. Take advantage of any existing cable channels or wiring conduits.
 - For SUVs, minivans & 5-door vehicles, bring the cable into the vehicle under the rubber molding for the tailgate, and continue under the interior trim.
4. From the trunk, route the cable around the passenger compartment and to the back of the cradle.
 - Do not pull the wire across sharp edges that could damage it.
 - Keep the wire away from areas where it could become tangled in driver's and passenger's feet.
5. Plug the antenna into the back of cradle where it says "ANT".
6. Plug the car power adapter into the cigarette lighter. IT IS RECOMMENDED THAT YOU UNPLUG THE CAR POWER ADAPTER AFTER THE VEHICLE'S IGNITION IS TURNED OFF.

12 MONTH LIMITED WARRANTY

Sirius Satellite Radio 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 Orbiter retailer, RadioShack or call (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.

IMPORTANT INFORMATION

Orbiter Customer Service: 1-800-869-5590

Notes

Notes

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