



SUPH1

SIRIUS Plug and Play Home Kit

For use with most newer SIRIUS Plug and Play Receivers

Installation Guide

Congratulations on the Purchase of your new SUPH1 SIRIUS Plug and Play Vehicle Kit

Your new SUPH1 SIRIUS Plug and Play Home Kit lets you enjoy SIRIUS® Satellite Radio's digital entertainment in your home, office, or other location. Use this manual as a guide for the installation.

The SUPH1 SIRIUS Plug and Play Home Kit will work with most newer SIRIUS plug and play satellite receivers. See your Plug and Play user manual for specific product compatibility.

For the latest information about this and other SIRIUS products and accessories, visit <http://www.sirius.com>.



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Warning and Safety Information

Safety Precautions

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

- Installation must be performed according to this installation guide. SIRIUS is not responsible for issues arising from installations not performed according to the procedures in this guide.
- Use only the provided AC Power Adapter.
- Do not install the unit where it will be exposed to high levels of humidity, moisture, or dust.
- To avoid short circuits, do not open the unit, and never put or leave any metallic objects (coins, tools, etc.) inside the docking station.
- 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.
- 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.

Warnings

Cleaning and Maintenance

If the docking station becomes 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 unit.

Copyrights & Trademarks

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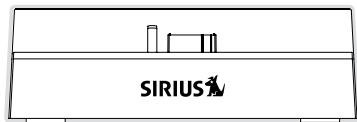
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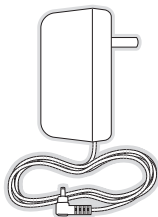
Hardware, subscription, and activation fee required. For full Terms & Conditions, visit <http://sirius.com>. Prices and programming are subject to change. Not available in HI and AK. Equipment and subscription sold separately. Installation required with some equipment.

Package Contents

The following items are included with your purchase of the SUPH1 SIRIUS Plug and Play Home Kit. Unpack the kit carefully and make sure that everything shown is present. If anything is missing or damaged, or if the kit fails to operate properly, notify your dealer immediately. It is recommended that you retain the original carton and packing materials in case you need to ship your kit in the future.



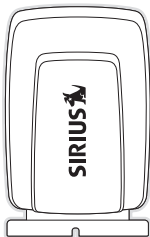
Home Docking Station



AC Adapter



Audio Cable



Indoor/Outdoor Antenna



Docking Station Spacer

Controls

Figure 1 and the section following identify and describe the connectors of the docking station.

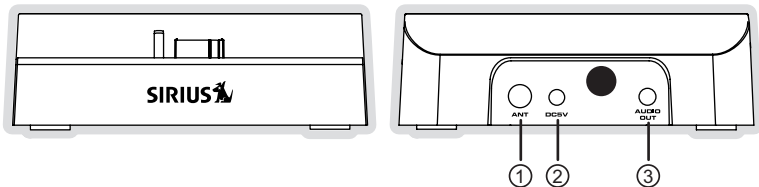


Figure 1

1. **ANT Antenna Connector:** Connection for the satellite antenna.
2. **DC5V Power Connector:** Power connection for the AC Power Adapter.
3. **AUDIO OUT Connector:** Audio output connection for connecting to your home entertainment system, if you are not using the FM transmitter.

Installation

Installing the Docking Station

When installing the docking station in your home, choose a location in close proximity to your home entertainment system, and also where the cable from the indoor/outdoor antenna can reach the docking station. 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.

You will also need to decide whether you will be connecting your docking station to your home entertainment system using the provided audio cable, or whether you will be using the FM transmitter function to receive the audio using your home FM radio.

If your receiver is a plug and play model other than the Sportster 3 or Sportster 4, you may need to install the spacer on the docking station. To install the spacer, peel the backing off the adhesive strip on the rear of the spacer and position the spacer on the docking station as shown in Figure 2.

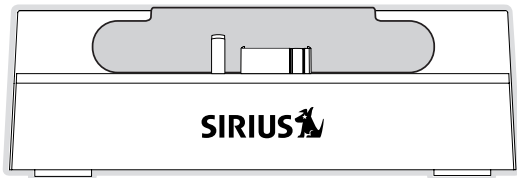


Figure 2

Docking the SIRIUS Receiver

Place the SIRIUS receiver into the dock, aligning the connector on the receiver with the connector on the docking station, and gently press the receiver down until it is fully seated in the dock.

Installing the Indoor/Outdoor Antenna

Before installing the indoor/outdoor antenna, read this entire section.

To ensure consistent reception of the SIRIUS signal in your home, it is important that the antenna be oriented correctly. Note the following considerations for antenna placement:

BEST reception can be achieved by placing the antenna outside on the roof, with a clear 360 degree view of the sky. This position will afford the best view of the sky for best reception. When placed in this location, an antenna extension cable may be required.

BETTER reception can be achieved by placing the antenna outside a window, or by mounting it to the side of the house. In either case, try to achieve the best possible clear view of the sky.

GOOD reception can be achieved by placing your antenna in a window. Try to achieve a clear unobstructed view of the sky. If your location is in major metropolitan area, the antenna may be located inside the home because terrestrial transmitters are used to boost signal strength.

If you cannot obtain a clear 360 degree view of the sky (**Best**), then for the **Better** and **Good** installations you must at least have a clear view of the sky in the direction of the SIRIUS satellites, as shown in the following map diagram. (Figure 3)

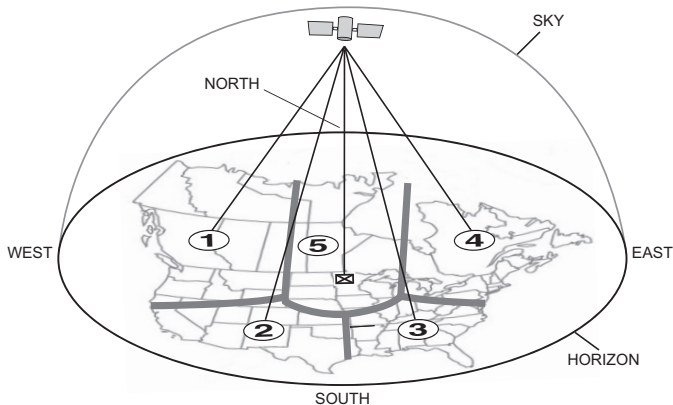


Figure 3

Use the map to find the area you are located in (1 to 5). Then find the direction in which you need to have a clear view of the sky:

Area 1: You will need a location with a clear view of the sky facing **EAST** or **NORTHEAST** or **SOUTHEAST**

Area 2: You will need a location with a clear view of the sky facing **NORTH** or **NORTH-EAST**

Area 3: You will need a location with a clear view of the sky facing **NORTH** or **NORTH-WEST**

Area 4: You will need a location with a clear view of the sky facing **WEST** or **NORTHWEST** or **SOUTHWEST**

Area 5: You will need a clear view of the sky facing **STRAIGHT UP** (Outdoors only)

Choose a mounting location for the antenna which has an unobstructed view of the sky in the direction for your area.

For example, suppose you live in **Area 2**. You determined that your antenna will need to have a clear view of the sky facing **North** or **Northeast**. The exact direction is determined by your specific location in **Area 2** relative to the **X** on the map: If you live in **Texas**, you will need a more **North** facing clear view of the sky whereas if you live in **southern California**, you will need a more **Northeast** facing clear view of the sky.

Once you have found a suitable location for the antenna, route the antenna cable to the docking station. Be sure you avoid any obstructions that could crimp, kink, or twist the cable. Use protective grommets wherever rough openings are encountered. If the antenna is installed outdoors, route the cable from the antenna location to the interior of the home, working the cable through the basement, under a window sill, etc., and make adjustments to take up cable slack as necessary. Connect the antenna cable to the **ANT** connection on the rear of the docking station. (Figure 1) Optional antenna extension cables are available if needed. Refer to the **Optional Accessories** section for more details.

Testing and Optimizing the Antenna Signal Strength

The stronger the SIRIUS signal strength, the less likely it is that you will experience an interruption of the audio when listening to a broadcast. To assist you in adjusting the antenna aiming for optimal reception, your SIRIUS receiver can display a screen similar to Figure 4 showing the strength of the SIRIUS signal being received.

To access the antenna aiming or signal indicator screen, consult the manual which accompanied your SIRIUS receiver. The **SATELLITE** portion of the display screen (Figure 4) shows the strength of the signal being received from the satellite, while the **TERRESTRIAL** portion of the display screen shows the strength of the signal being received from terrestrial based transmitters, if available. Make small adjustments to the aiming of the antenna until you achieve the strongest possible signal.

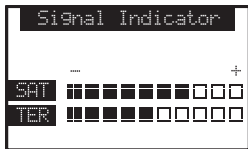


Figure 4

Connecting the AC Power Adapter

Connect the AC Power Adapter to the **DC5V** connector at the rear of the docking station (Figure 1), and plug it into a wall outlet.

Connecting the Audio Cable (Recommended)

If you will be connecting the docking station to your home entertainment system using the audio cable, connect the mini-plug end of the provided audio cable to the **Audio Out** connector at the rear of the docking station. (Figure 1) Connect the L/R RCA-type connectors to the appropriate audio input of your home entertainment system.

Selecting an FM Frequency

It is recommended that you connect your docking station to your home entertainment system using the audio cable as described in the previous section. If you have done this, you can disregard this section.

If no direct audio connection is available, you can use the FM transmitter in the docking station to transmit the audio to your FM receiver. You will need to tune the FM radio in your home entertainment system and the FM transmitter in the SIRIUS receiver to the same FM frequency. The FM transmitter in the SIRIUS receiver defaults to 88.1 MHz, so you can begin by tuning your home FM radio to 88.1 MHz. If there is an FM station broadcasting on that frequency, you will have to search for a different FM frequency to use, and change the FM frequency that the SIRIUS receiver will use to transmit.

The FM transmitter frequency of SIRIUS receivers may be changed using the *Menu Options* menu. Some receivers can access the FM transmitter frequency by pressing and holding the **MENU** button to access the *FM Transmitter* menu option. Refer to the manual which accompanied your receiver for more details.

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 the SIRIUS receiver is correctly installed as described in this manual, is in the home docking station, and that the antenna is oriented to receive the SIRIUS signal.
2. Turn the receiver on. After the startup sequence, it will update the SIRIUS channel lineup. Wait until the channel updates have completed before pressing any buttons.
3. Once the channels have been updated, the display will change to *Call 1-888-539-SIRIUS to Subscribe* and will tune to channel 184. You will not be able to listen to other channels until you activate your SIRIUS subscription.
4. Use the receiver's channel up/down buttons to tune to channel **0** to display the receiver's unique 12-digit SIRIUS ID Number (SID). You can also tune to channel **0** by using the remote control: Press the **Select** button then the **0** (zero) button and then press the **Select** button again. The SID number is also available on the receiver's packaging, and may also be accessed by pressing the **MENU** button and selecting *Sirius ID*. Write the SID number down in the space provided near the end of this guide.
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, and the receiver has been updated with your subscription information, an alert will be displayed. To continue, press the **Select** button.

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

Troubleshooting

Symptom	Solution
SIRIUS receiver does not power on	AC Power Adapter is not connected, or the AC outlet into which it is plugged is not working. Check that the AC Power Adapter is connected to the docking station. Try plugging the AC Power adapter into a different outlet.
SIRIUS receiver displays: <i>Antenna Not Detected</i>	The satellite antenna is not connected to the docking station. Check the satellite antenna connection to the docking station.
SIRIUS receiver displays: <i>Acquiring Signal</i>	No satellite signal is being received. Check for obstacles over or around the satellite antenna. Change the location of the antenna to eliminate nearby obstacles (buildings, trees, overhangs, etc).
Audio static or loss of clarity	The FM frequency contains static. Locate a quiet FM frequency on your FM radio and set the FM transmitter frequency of the SIRIUS receiver to match. If using the Audio Out audio connector to connect to your home entertainment system, check the audio cable connections.
No sound	The audio cables are not correctly connected, or the FM radio is set to the wrong frequency. Check the audio cables at the receiver and the radio. Verify that the FM transmitter in the receiver is set to On. Tune the FM radio to the same FM frequency to which the receiver 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 Boombox

The SUBX1 SIRIUS Plug and Play Boombox is a portable docking station and audio system for use with the SIRIUS receiver. 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.

SUPV1 SIRIUS Plug and Play Vehicle Kit

The SUPV1 SIRIUS Plug and Play Vehicle Kit is a compact docking cradle that positions the receiver for easy wiring, viewing, and operation in a vehicle. Designed for quick and easy self-installation, it provides several mounting options and includes all necessary cabling to connect your SIRIUS receiver to your car audio system, and will work with most newer SIRIUS plug and play receivers.

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.

Directed 14230 50 ft. SIRIUS antenna extension

The antenna extension cable extends the reach of your SIRIUS antenna cable by an additional 50 ft. It includes a built-in signal amplifier to insure reliable reception of the SIRIUS signal. A maximum of two cable extensions can be connected together to create a 100 ft. extension.

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 1-800-869-5187; proof of purchase and description of defect are required. Products to be returned to an approved warranty station must be shipped freight prepaid.

Specifications

Docking Station Power Requirements	.5 Volts DC, 1.5A, Center Positive
Operation Temperature	-5° to +40° C (23° to 104° F)
Audio Output	18mW Left + 18mW Right @ 16 ohms
Signal-to-noise (S/N)	90dB
Dock Dimensions (Height x Width x Depth)	1.41" x 4.49" x 2.16" (3.6cm x 11.4cm x 5.5cm)
Antenna Type	Windowsill Indoor/Outdoor
Antenna Cable Length	21' (single micro-cable)
Antenna Connector Type	SMB
Audio Interface (Line In/Line Out)	1/8" / 3.5mm Stereo Jack

SIRIUS ID

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

SID: _____



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