



User Guide

Premium Sound System

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Introduction

Features

Congratulations on the purchase of your new Premium Sound System for Sirius and XM Radios!

Your Premium Sound System lets you enjoy your favourite programming at home or at the office, or take it with you to the patio, park, or anywhere in between.

- Works with the Sportster 5/6, Starmate 3/4/5/6/7/8, Stratus 3/5/6/7/8 and Edge, Onyx Plus, Onyx, Onyx EZ, Xpress RCi, XpressRC, XpressR, and Xpress radios.
- Dynamic sound indoors and out: Full audio range provided by a 2.0 System with separate tweeters and midrange speakers.
- Easy and convenient portability: Take Satellite Radio to go with a built-in Indoor/Outdoor Home Antenna cradle and cable storage. 8 C-Cell Alkaline Batteries required for portable use (sold separately).
- Built-in Headphone and Aux In jacks: Listen using the Headphone jack. Play MP3 players, CDs or other audio devices via the Aux In jack (Aux In Cable sold separately).

For the latest information about this and other products and accessories, visit shop.siriusxm.ca.

Introduction

Safety and Care Information



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

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

Introduction

WARNING!

- Opening the case may result in electric shock.
- Make sure that you insert the Home Power Adapter's plug all the way into the outlet.
- Insert the Radio into the Premium Sound System only when the Premium Sound System is off.
- This device should be unplugged from the AC outlet during a thunder and lightning storm, and when the device will not be used for an extended period of time.
- Use the power cord of the Home Power Adapter to disconnect the device from the power source. To begin using the device again, reconnect it to an AC outlet.
- Connect the device to an easily accessible AC outlet, so that the device can be quickly disconnected, if necessary.

Cleaning



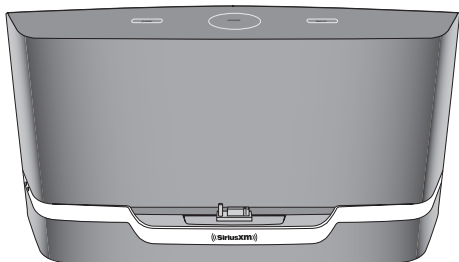
DANGER! Unplug the Home Power Adapter and/or remove the batteries during the cleaning to avoid any electrical shock hazard.

Clean the hard surfaces of the Premium Sound System with an optical-grade microchamois or microfiber cloth. Clean the soft surfaces of the speakers with a dry lint brush.

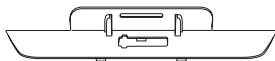
- Do not use paper products to clean the Premium Sound System. Paper products may feel soft to the touch but they are too rough for the top surface of the Premium Sound System where the buttons and volume controls are located.
- Do not use any type of abrasive pad or scouring powder to clean the Premium Sound System. Doing so will scratch the finish and may damage the controls.
- Do not use solvents such as alcohol or benzene, or any product that has alcohol in it (such as Windex), to clean the Premium Sound System.

Introduction

What's in the Box?



Premium Sound System

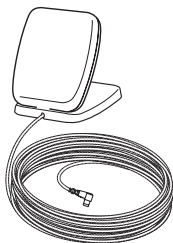


Adapter 1 (Sirius Radios)
Sportster 5/6, Starmate 3/4/5/6/7/8,
Stratus 3/5/6/7/8

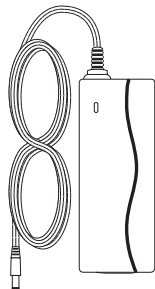


Adapter 2 (XM Radios)
Edge, Onyx, Onyx EZ, Onyx Plus, XpressRCi,
XpressRC, XpressR, Express, XpressEZ

Radio Dock Adapters



Indoor/Outdoor
Home Antenna



Home Power Adapter

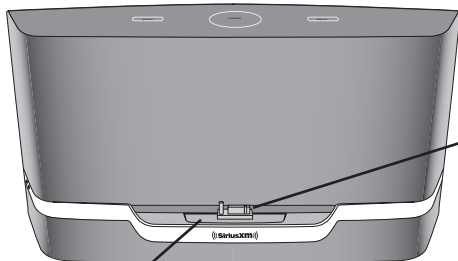


Power Cord

Introduction

Premium Sound System Controls and Connections

Front View



Radio Dock Connection
Docking area for the Radio.

Radio Dock Adapter Slot
Holds adapter for the Radio.

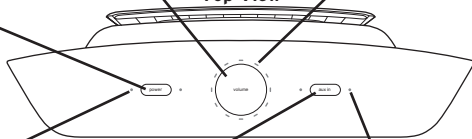
Volume/Mute Control
Sliding a finger in a circular motion on the volume control increases or decreases the volume level. Pressing twice mutes the audio and a circle of blue lights will flash while muted.

Volume Level Lights
Lights indicate volume level.

Power Button
Pressing and holding until the Power On light is on turns the power On. Pressing and holding again turns the power Off.

Power On/Low Battery Light
The light is steady blue when the Premium Sound System is powered on; the light blinks when the batteries are nearly discharged.

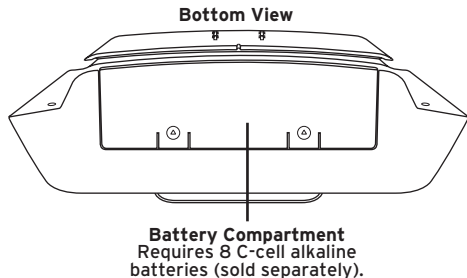
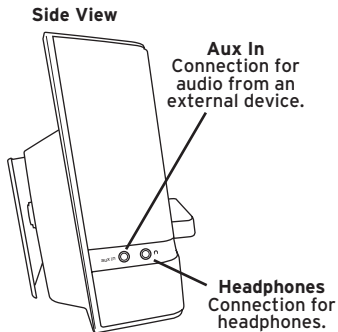
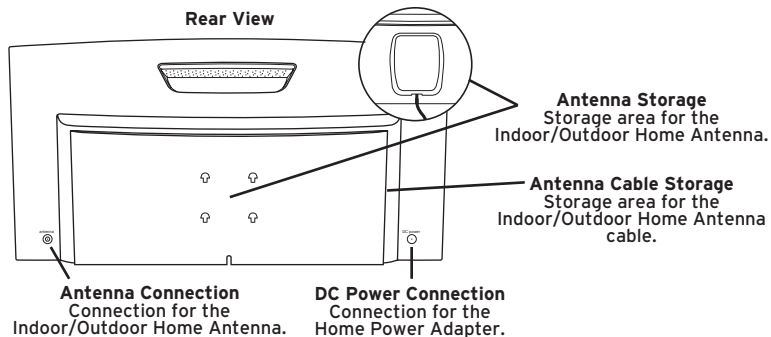
Top View



Aux In Button
Pressing and holding until the Aux In light is on switches audio output to Aux In input. Pressing and holding again switches to Satellite Radio.

Aux In Light
When on, Premium Sound System is set to Aux In input.

Introduction



Installation

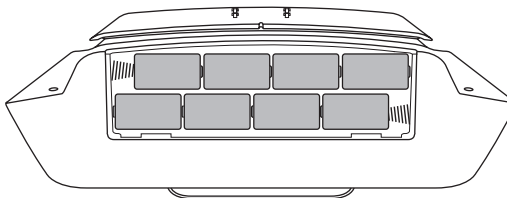
There are several steps to setting up your Premium Sound System. Let's begin with installing the batteries, or connecting the Home Power Adapter to the Premium Sound System.

Step 1: Install the Batteries or the Home Power Adapter

The Premium Sound System can operate either on batteries or by using the Home Power Adapter if you are near an outlet.

To use your Premium Sound System on-the-go:

- 1 Open the battery compartment on the bottom of the Premium Sound System. Insert 8 C-cell alkaline batteries in the battery compartment.



- 2 Replace the battery cover.



TIP! When the battery life is getting low the power light will blink and your Premium Sound System may not play.

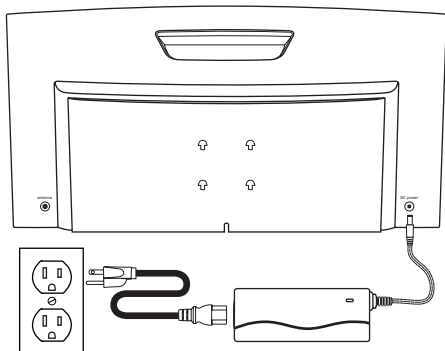


TIP! It is not recommended to keep batteries in the Premium Sound System for an extended length of time. Remove the batteries when not in use.

Installation

To use your Premium Sound System with the Home Power Adapter

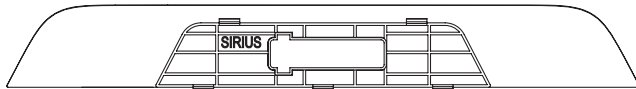
- 1** Plug the Home Power Adapter into the connector labeled **DC POWER** at the rear of the Premium Sound System.
- 2** Plug the other end of the Home Power Adapter into a standard wall outlet.



Installation

Step 2: Install the Dock Adapter for Your Radio

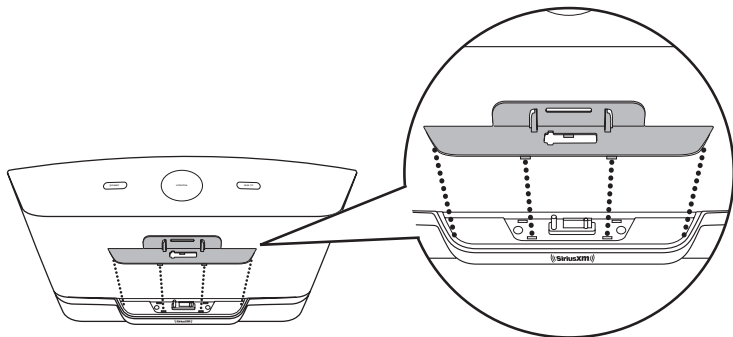
- 1 Select the Dock Adapter for your Radio by referring to “What’s in the Box?” on page 7 to identify the adapter, or turn the adapters over and locate the name imprinted on the underside of the adapter:



SIRIUS: Adapter 1 for all Sirius Radios.

XM: Adapter 2 for all XM radios except XMp3 & XMp3i.

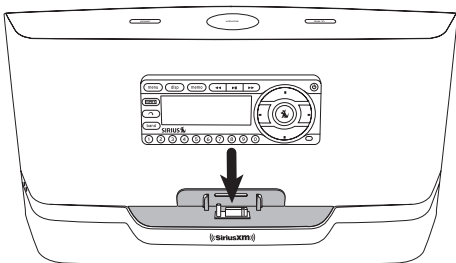
- 2 Install the Radio Dock Adapter for your Radio into the Premium Sound System.



Installation

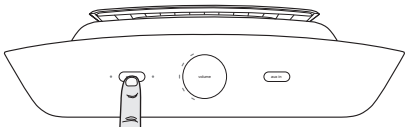
Step 3: Insert the Radio into the Premium Sound System

- 1 Be sure the Premium Sound System is powered off.
- 2 Align the Radio with the Radio Dock Adapter.
- 3 Once aligned, gently press the Radio down so that it slides down Radio Dock Adapter and onto the connector until it is fully seated in the Premium Sound System.



Step 4: Turn the Premium Sound System and Radio On

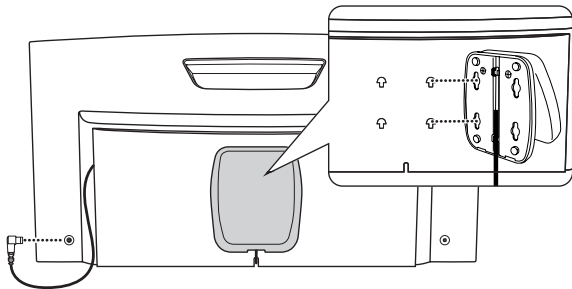
- 1 Press and hold the **Power button** on the top of the Premium Sound System until the Power On light is on.
- 2 If your Radio did not power on, press the Power button on your radio.



Installation

Step 5: Install and Connect the Indoor/Outdoor Home Antenna

First, plug the antenna cable into the **antenna** connector at the left rear. Next, wrap the antenna cable into the storage area. Then, place the antenna into the storage area at the rear of the Premium Sound System. Align the mounting holes on the bottom of the antenna with the 4 mounting brackets on the rear of the Premium Sound System. Push the antenna over the mounting brackets and then slide the antenna down slightly to secure it in place. Last, open the antenna clamshell so that the top of the antenna is facing the sky.



Using Your Premium Sound System Outdoors or On-The-Go

If you are using the Premium Sound System outdoors, try using it with the antenna in the storage area. Place the Premium Sound System where there are no obstructions to block the antenna's view of the sky, such as trees, bridges, buildings, etc.

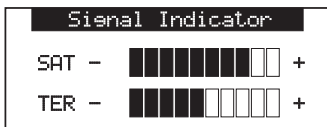


Installation

If the reception is not good, then remove the antenna and position it facing south. Not sure which way is south? Try pointing the antenna in different directions until the reception improves. Wait a few seconds each time you reposition it for the Premium Sound System to receive the signal.

Using Your Premium Sound System Indoors

If you are using the Premium Sound System indoors try experimenting with the antenna to get a feel for the reception in your location. Move the antenna around the room or from room to room. Aim it from different windows. In major metropolitan areas, you might find that you get great reception in several locations without worrying too much about aim and placement.



Refer to your radio's User Guide for instructions, and access the **Signal Indicator** or **Antenna Aiming** screen of your radio to see a visual indication of signal strength. If you're receiving a good Satellite and Terrestrial signal strength, you're done. If not, try some of the suggestions which follow.

Other Indoor/Outdoor Antenna Installation Suggestions

If you find you are getting a signal, but it's inconsistent, try moving the Indoor/Outdoor Home Antenna closer to a window, ideally one that is facing due south.



Installation

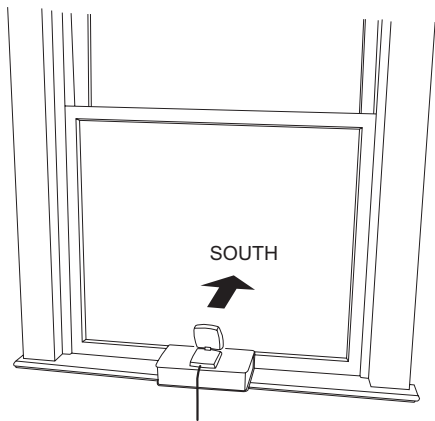
Not sure which way is south? Think about where the sun rises (in the east) and sets (in the west). Then stand so that east is to your left and you'll be facing south. Is there a window in the direction you're facing? Move the antenna closer to the window.



TIP! Still not sure which way is south or where to place your Home Antenna? Look up your location on an online mapping Web site that offers satellite views of street addresses where you can easily see which way is south, and what window may offer an unobstructed view of the sky.

Another easy method is to start at any window, then work from window to window in a simple pattern to find the window gives the best signal strength. Note that the antenna must also have an unobstructed view. No trees or buildings blocking its aim. If the antenna is aimed through a window, be aware that blinds, screens, or any other non-glass elements such as thermal insulation can sometimes cause reception issues. If this is the case, you may want to use another window or place the antenna outside of the window.

If you find a window that gives you good signal strength, you can place the antenna on the windowsill. The antenna may need to be placed on something to raise it above the level of the window frame.



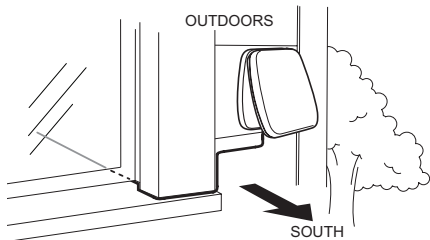
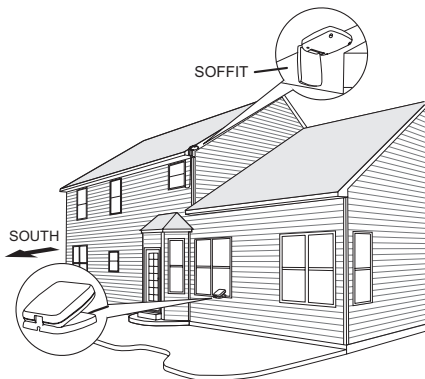
Installation

If you don't have a window where you receive a consistent signal, or placing the antenna in a window is not a practical solution for you, **BETTER** reception can be achieved by placing the antenna outside on a window ledge, porch, table, or patio. The location you choose should provide the antenna with a clear view of the southern sky.

If none of the previous solutions work for you, then the **BEST** reception can be achieved by mounting the antenna outdoors on a wall or soffit, with a clear view of the southern sky.

If you decide to do this more permanent antenna installation, you'll probably want to purchase a second Indoor/Outdoor Home Antenna, so that you'll have one to use with the Premium Sound System when on-the-go. An additional antenna can be purchased at www.siriusxm.ca.

Note that you will want to consider any potential hazards when you choose the mounting location, and possibly consider professional installation. Sirius XM Canada Inc. is not liable for any damages.



Installation

To mount the antenna, you will need four screws (sold separately) with a 1/4" head (e.g., an M3 screw), and that are suitable for the material onto which you are affixing the antenna, (e.g., wood, metal, etc.). The screws should be spaced 1-3/8" apart horizontally and 1-1/8" vertically. Refer to the "Indoor/Outdoor Home Antenna Template" on page 31.

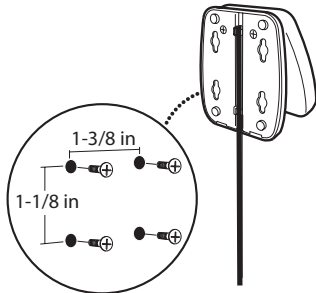
Once you have found a suitable location for the antenna, route the antenna cable to the Premium Sound System. Be sure you avoid any obstructions that could crimp, kink, or twist the cable. Use protective grommets wherever rough openings are encountered. If the antenna is installed outdoors, route the 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.



TIP! If your Indoor/Outdoor Home Antenna's cable isn't long enough, visit siriusxm.ca and consider a 50 ft. Indoor/Outdoor Home Antenna Extension Cable or a Wireless Home Signal Repeater.

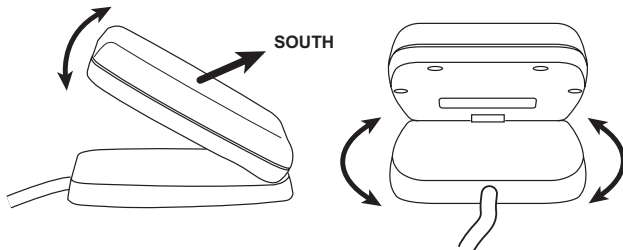
If the signal is good for either Satellite or Terrestrial (or both), and you are hearing the audio from the radio, the antenna installation is complete. (Refer to your radio's User Guide for instructions on how to access the **Signal Indicator** or **Antenna Aiming** screen.)

If the signal reception is low, or intermittent, try another location for the antenna. Verify that the antenna is pointed south, and that the antenna's view of the sky is not blocked by a tree, a building, a bridge, or anything else. Adjust until you are receiving a good signal.



Installation

The Indoor/Outdoor Home Antenna's reception can also be tweaked by opening or closing the antenna clamshell, and turning the antenna. While observing the signal strength, make small adjustments to the angle of tilt of the clamshell until the highest possible signal strength is achieved. If you have not wall-mounted the antenna, turn the antenna slightly to the right or left and observe if the signal strength increases. For each tweak, allow a few seconds in each position to determine if the signal strength increases.



Installation

Step 6: Adjust the Audio Level

If your Radio has an **Audio Level** or **Line Out Level** adjustment feature in the **Settings** menu when it's docked in the Premium Sound System, you should set this level to the maximum volume that does not cause distorted sound. This will maximize the audio quality. Refer to the User Guide which accompanied your Radio for instructions on how to set the level.

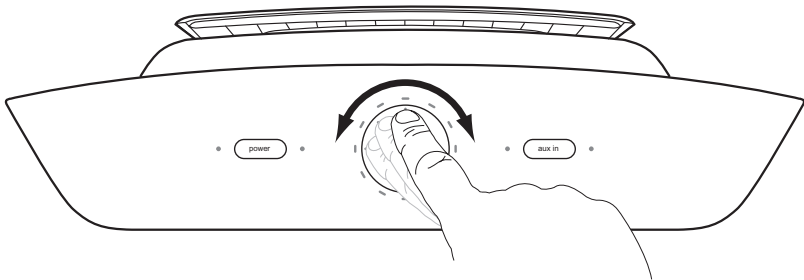
Some Radios do not have this adjustment available when docked in the Premium Sound System. These Radios set their level automatically to optimize the sound quality. No adjustment is necessary.

The installation is complete. Sit back and enjoy your favourite programming on SiriusXM!

Using Your Premium Sound System

Adjusting the Volume

The volume of the Premium Sound System is adjusted by dragging your finger clockwise and counter-clockwise around the volume control. As you adjust the volume, an inner circle of blue lights will light to confirm you are adjusting the volume. The outer circle of blue lights indicates the volume level.

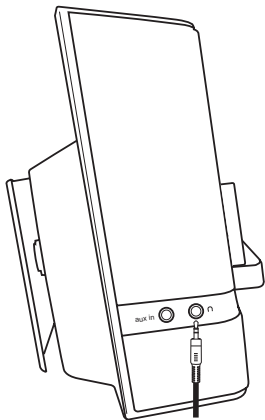


The audio can be muted by pressing the volume control twice. The outer circle of blue lights will blink to indicate the Radio is muted. Press twice again to un-mute the Radio.

Using Your Premium Sound System

Listening with Headphones

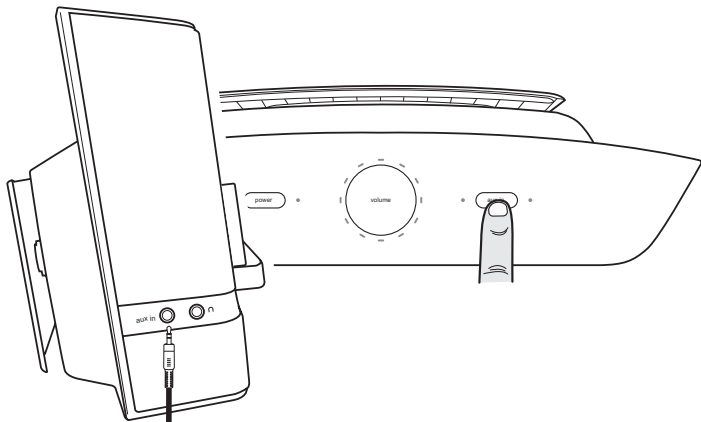
You can listen to the Premium Sound System with your headphones. Plug the headphones into the **Headphone** connector on the left side of the Premium Sound System. Use the volume control on the Premium Sound System to control the volume of the headphones. The Premium Sound System's speakers are muted when the headphones are in use.



Using Your Premium Sound System

Playing Other Devices Through Your Premium Sound System

The Premium Sound System also has an **Aux In** jack on the left side for connecting MP3 players, CD players, or other audio devices using an Aux In Cable (sold separately). When you plug a device into the **Aux In** connector, press and hold the **Aux In** button on the top of the Portable Speaker Dock until the Aux In light is on, to switch from Radio mode to Aux In mode.



Troubleshooting

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

- Check that all connections are firm and secure.
- Make sure you have connected the Premium Sound System as described in this User Guide. Verify that the power receptacle is working.

If you see this on the screen:	Try this:
Satellite Radio displays "Acquiring Signal"	<ul style="list-style-type: none">• Aim the antenna south. Not sure which way is south? Think about where the sun rises (in the east) and sets (in the west). Then stand so that east is to your left and you'll be facing south. If you are in a building, is there a window in the direction you're facing? Place the antenna in the window. Refer to page 15.
Satellite Radio displays "No Antenna"	<ul style="list-style-type: none">• Make sure that the Indoor/Outdoor Home Antenna cable is firmly and securely plugged into the Premium Sound System. Make sure the cable is not bent or broken.• The Radio is not completely seated into the Premium Sound System. Re-seat the Radio into the Premium Sound System.
If this happens:	Try this:
Premium Sound System does not function as described in this User Guide	<ul style="list-style-type: none">• Reset the Premium Sound System by unplugging the Home Power Adapter and removing the batteries. Wait for 1 minute, then install the batteries and connect the Home Power Adapter.

Troubleshooting

If this happens:	Try this:
Premium Sound System does not turn on	<ul style="list-style-type: none">• The Home Power Adapter is not connected, or the power outlet into which it is plugged is not working. Check that the Home Power Adapter is connected to the Premium Sound System. Try plugging the Home Power Adapter into a different outlet.• Batteries are not installed, are installed incorrectly, or are bad. Install new Alkaline batteries, if necessary, observing the correct polarity.
Premium Sound System will not operate on batteries	<ul style="list-style-type: none">• When the Home Power Adapter is connected to the Premium Sound System, the battery operation is disabled. Disconnect the Home Power Adapter.• If the power light is blinking, this indicates that the batteries need to be replaced. Install new Alkaline Batteries, observing the correct polarity.
No sound from the Premium Sound System speakers	<ul style="list-style-type: none">• The volume level is too low. Increase the volume by sweeping your finger in a clock-wise direction on the Volume control.• Headphones are connected to the Premium Sound System. Disconnect the headphones.• An audio device is connected to the Aux In connection and is not producing sound. Press the Aux In button to select audio output from the Radio.• Make sure that the Radio is not muted. Press the Mute button on the Remote Control.

Troubleshooting

If this happens:	Try this:
The minimum volume level is too loud or the maximum volume is too quiet	<ul style="list-style-type: none">• Increase the Audio Level or Line Out Level of your Radio until the sound quality improves. Refer to the User Guide which accompanied your Radio for instructions.
I hear noise or interference	<ul style="list-style-type: none">• Move the Premium Sound System away from any cordless telephones, electrical appliances, or other devices that may cause interference.
My Radio's Remote Control doesn't work	<ul style="list-style-type: none">• Make sure that the sensors which receive the signal from the Remote Control are not obstructed. These are located on the front panel of the Premium Sound System.• It may be time to replace the battery in the Remote Control.
I only receive channel 184	<ul style="list-style-type: none">• Make sure your Radio is subscribed to the SiriusXM service. For customer service visit siriusxm.ca/help or call 1-888-539-7474.

Product Specifications

System

Power Requirements	14V DC, or 8 C-cell Alkaline Batteries
Operating Power	-13°F ~ 158°F (-25°C ~ 70°C)
Power	15W RMS per channel (max)
Frequency Response	60 Hz - 20KHz

Premium Sound System

Dimensions	13.75 in (Width) x 7 in (Height) x 3.75 in (Depth) (350 mm (Width) x 178 mm (Height) x 95 mm (Depth))
Weight	3.9 lbs (1.78 kg) without batteries
Aux-In Connector	1/8 in (3.5 mm) Female
Antenna Connector	SMB Male
Headphones Connector	1/8 in (3.5 mm) Female

Home Power Adapter

Input	100-240V AC, 50-60Hz, 1 A
Output	14V DC, 3 A

Indoor/Outdoor Home Antenna

Type	SiriusXM Indoor/Outdoor
Connector	SMB female, right angle
Cable Length	21 ft (6.4 m)

Patent and Environmental Information

Patent Information

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

Environmental Information

Follow local guidelines for waste disposal when discarding packaging and electronic appliances.

IC Statement

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

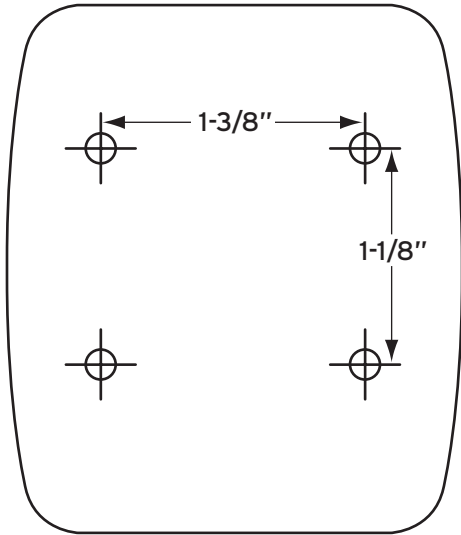
IC STATEMENT

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. For product available in the Canada market, only channel 1~11 can be operated. Selection of other channels is not possible. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p) is not more than that permitted for successful communication. IC Radiation Exposure Statement: This Class B digital apparatus complies with Canadian ICES-003. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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Indoor/Outdoor Home Antenna Template



siriusxm.ca

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SUBX3C Premium Sound System 160210a