



**XM Wireless Home Signal Kit
Installation Guide**

Table of Contents

What is the XM Wireless Home Signal Kit?.....	5
What's in the Box?.....	6
Set up the Signal Receiver Antenna	9
Set up the Signal Transmitter	10
Having Trouble Finding the XM Signal?.....	16
Accessory: Extra Signal Receiver Antennas.....	20
Troubleshooting.....	22
Specifications	25
Operating Cautions	26
Caring for the XM Wireless Home Signal Kit	27
Product Registration	28
FCC and IC Statement.....	29

Introduction

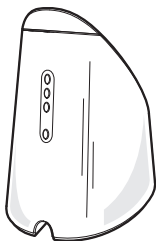
Introduction

What is the XM Wireless Home Signal Kit?

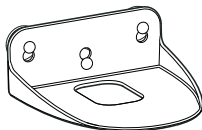
- The XM Wireless Home Signal Kit is the industry's first wireless indoor satellite signal accessory with a built in antenna and cordless signal locator feature, allowing you to effortlessly walk around your home or office to find the XM signal and extend it throughout your home or office.
- The XM Wireless Home Signal Kit works with your existing XM radio to wirelessly extend the XM signal throughout your home or office, even through walls and floors so your XM radio(s) can be conveniently located, without the need to run extension cables between your XM radio(s) and your XM Home Antenna.

Introduction

What's in the Box?



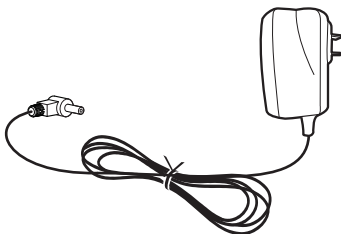
Signal Transmitter



Window Mount



Signal Receiver Antenna



Signal Transmitter Power Adapter



Signal Transmitter 9 Volt Battery

XM Wireless Home Signal Kit Transmitter

External Antenna Jack

Plug in an XM Home Antenna if you can't get a strong XM signal.

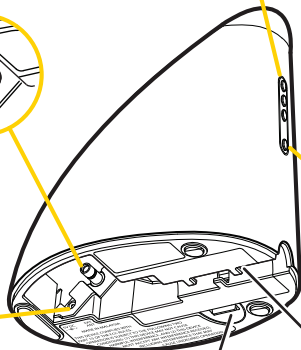


Power Adapter Jack

Plug the Signal Transmitter in once you find a strong XM signal.

Battery Door

Insert the 9 Volt Battery so you can walk around wirelessly with the Signal Transmitter to find a strong XM signal.



Signal Strength Indicator

These three lights represent the XM signal strength.

Bottom light is red: The Signal Transmitter is on but not receiving an XM signal.

Bottom light is blue: The Signal Transmitter is on and has a low XM signal.

Bottom two lights are blue: The Signal Transmitter is on and has a good XM signal.

All three lights are blue: The Signal Transmitter is on and has an excellent XM signal.

External Antenna Indicator

This light is green when you plug in an XM Home Antenna.

Power & External XM Home Antenna Cord Manager

Press the cords into this slot so the Signal Transmitter can sit properly.

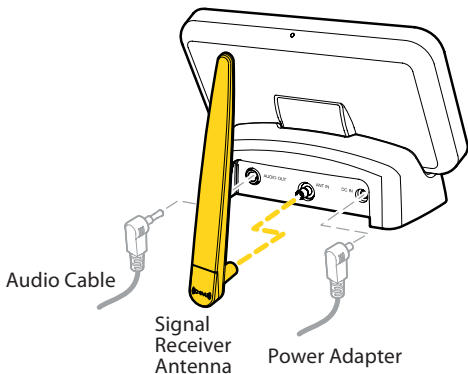
Setup

Setup

Set up the Signal Receiver Antenna

To begin using your XM Wireless Home Signal Kit, first, follow the instructions included with your XM Home Kit or XM Sound System to set up your XM radio indoors.

Instead of using the XM Home Antenna supplied with your XM Home Kit or XM Sound System, connect the Signal Receiver Antenna to the "ANT IN" jack on your XM Home Dock or XM Sound System.



NOTE! Multiple Signal Receiver Antennas may be operated off of one XM Wireless Home Signal Kit Transmitter. Additional Signal Receiver Antennas are sold separately.

Setup

Set up the Signal Transmitter

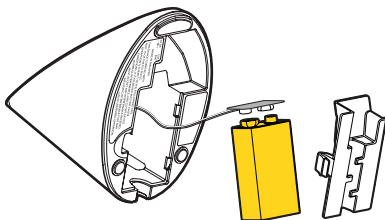
Placement Tips

The Signal Transmitter should be placed in a location receiving a strong XM signal (ie. near a south-facing window). For optimal reception, the Signal Transmitter should be placed as high as possible.



NOTE! The Signal Transmitter will extend the XM signal indoors, through floors, ceilings or walls. The signal extension distance depends on obstructions between the Signal Transmitter and Signal Receiver Antenna. Obstructions such as walls, floors, ceilings, furniture, or people, may reduce the transmission distance and/or result in a weakened XM signal.

Step 1: Insert the Signal Transmitter 9 Volt Battery into the Signal Transmitter.



NOTE! The battery will last up to 45 minutes. When the battery is running low the bottom signal strength light will blink red.

When the battery is inserted properly, the bottom of the three signal strength indicator lights will be red to indicate it is receiving power, but no XM signal. If the Signal Transmitter is receiving an XM signal, the red light will change from red to blue.

Step 2: Find the XM Signal.

The Signal Transmitter will receive the XM signal when pointed in a Southern direction, preferably near a window. When the XM signal is being received, the lowest signal indicator light will be blue. More signal indicator lights will come on as the signal strength increases. The stronger the XM signal strength the better.



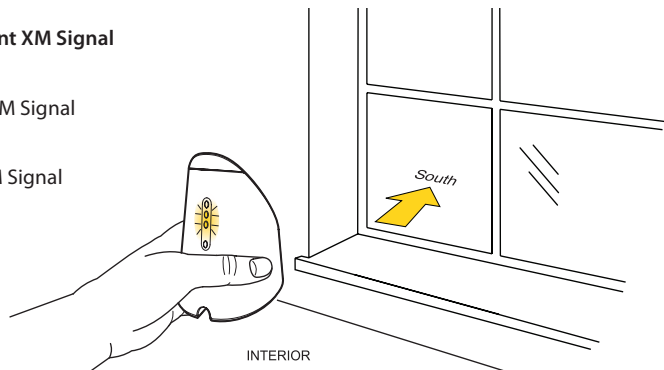
Excellent XM Signal



Good XM Signal



Low XM Signal

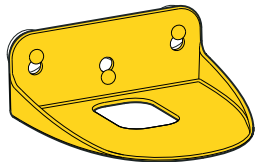


TIP! As you walk around indoors, give the Signal Transmitter's indicator lights five seconds to register before moving to a new location.

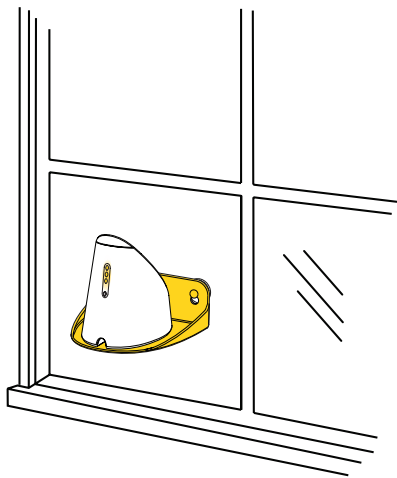
Setup

Step 3: Alternate Window Mount.

If you don't have a windowsill or other surface to place the Signal Transmitter on, you can use the Window Mount to hold the Signal Transmitter. Attach the Window Mount to the glass using the suction cup feet.

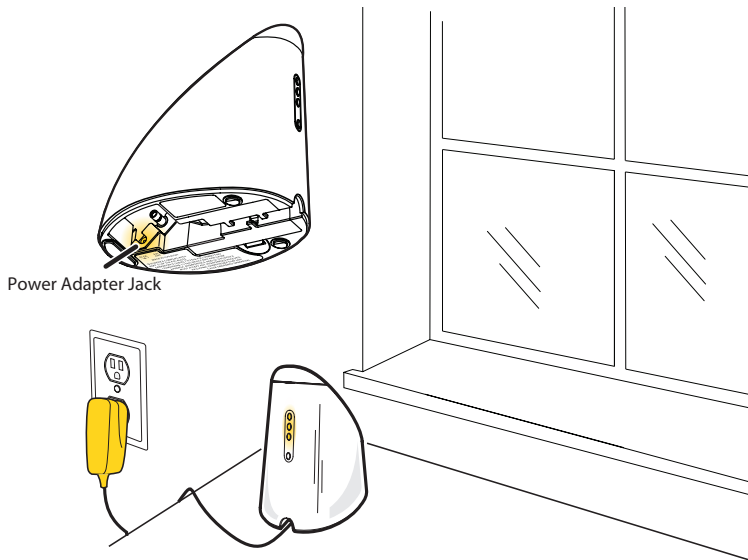


Window Mount with Suction Cups



Step 4: Remove the 9 Volt Battery and connect the Power Adapter

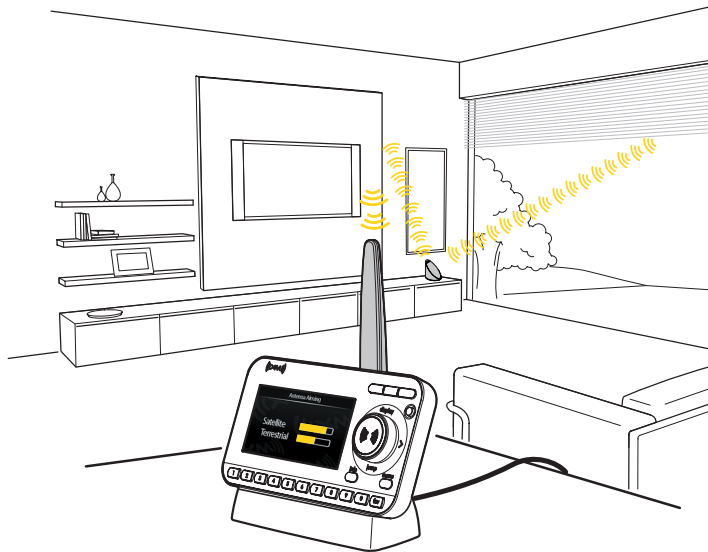
Remove the 9 Volt Battery from the Signal Transmitter and connect the **Power Adapter** to the Signal Transmitter. Place the Signal Transmitter back in the same location with the best signal and plug the Power Adapter into a wall socket.



Setup

Step 5: Return to your XM radio. Check your radio's Antenna Aiming option in the menu options to be sure you are receiving the XM signal.

Check the Antenna Aiming option in the Menu Options of your XM radio to verify that your radio is receiving a good signal. If the signal is good, you're all done.



If your XM radio is not receiving a signal, but the Signal Transmitter is receiving one, check that there are not too many obstructions between the Signal Transmitter and the XM Home Dock or XM Sound System that has the Signal Receiver Antenna connected. You may need to repeat step 2.



NOTE! Depending on your XM radio model, the antenna aiming screen may look different than the screen on the previous page.

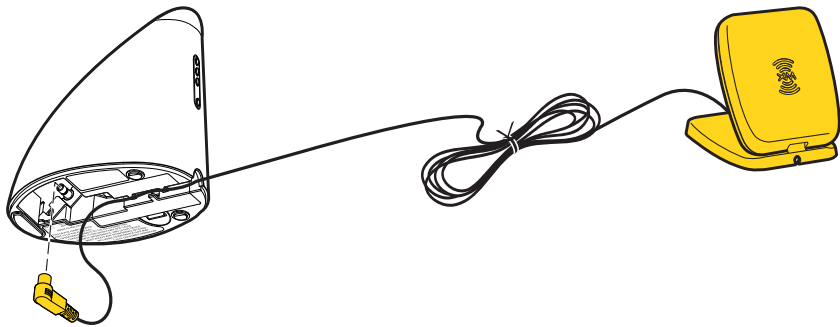
Setup

Having Trouble Finding the XM Signal?

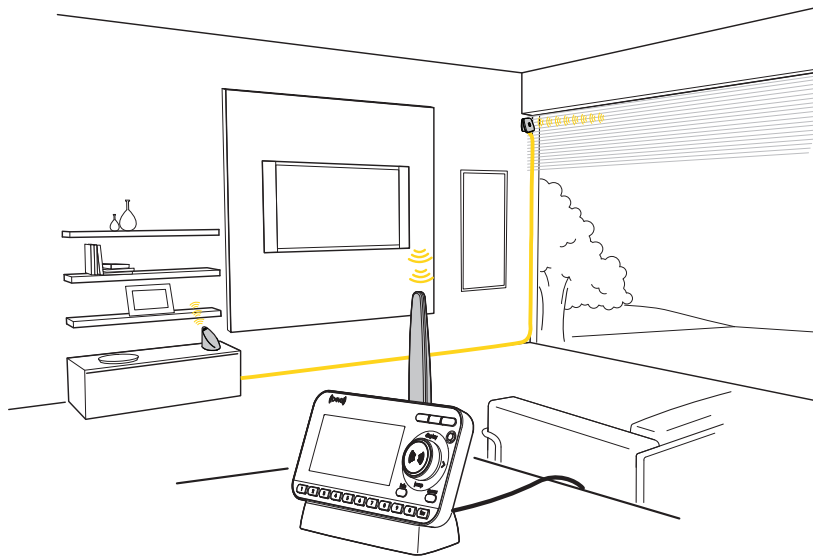
Can't receive the XM signal indoors because you do not have a southern facing window, windowsill, table or convenient location to plug in and place the Signal Transmitter where it receives the XM signal?



TIP! Use the XM Home Antenna included in your original XM Home Kit or XM Sound System to extend the XM signal even further by placing/mounting the XM Home Antenna either on a wall or outdoors.

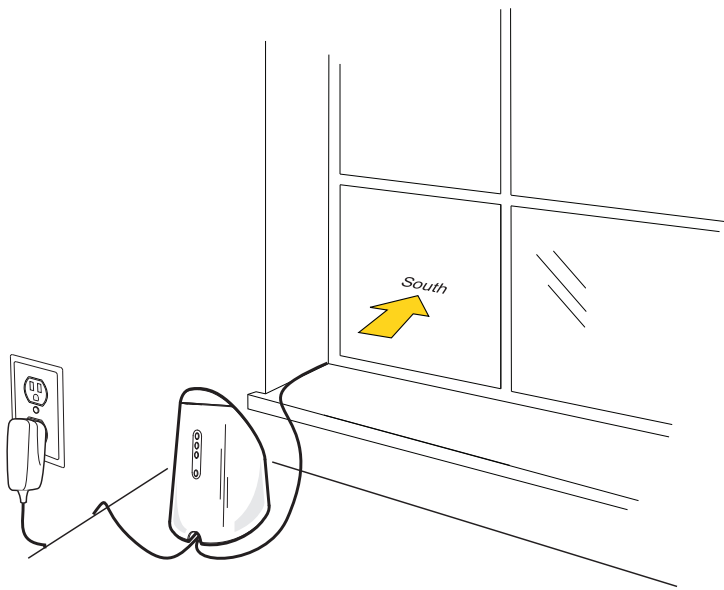


You can mount the XM Home Antenna on an interior wall at a window so long as the antenna is facing south through the window.

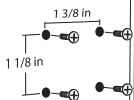


Setup

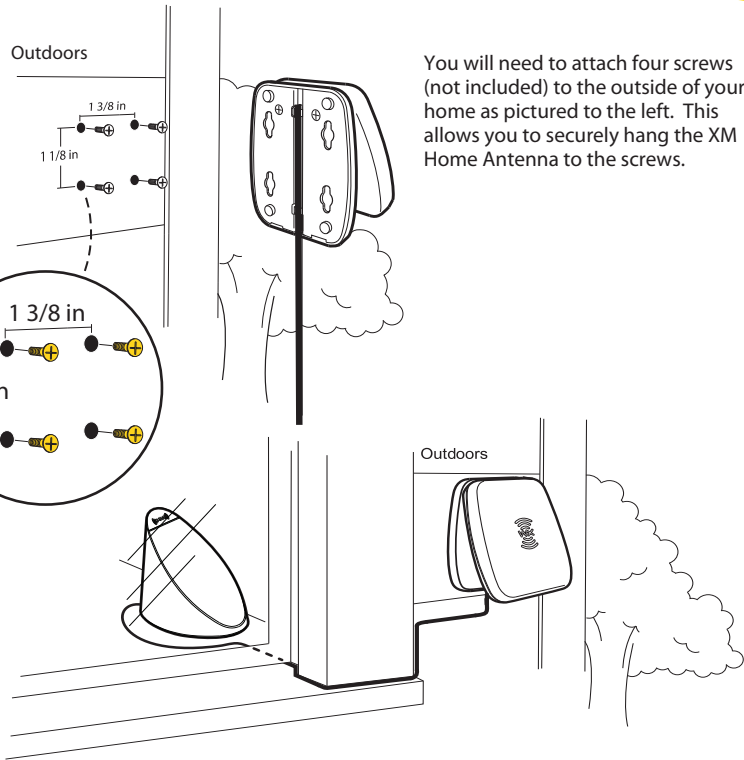
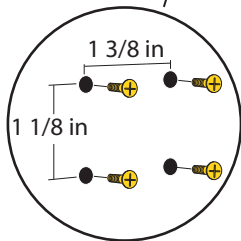
To optimize signal reception, you may mount the XM Home Antenna outdoors, facing south. Follow instructions included with your XM Home Kit or XM Sound System to mount the XM Home Antenna outdoors.



Outdoors



You will need to attach four screws (not included) to the outside of your home as pictured to the left. This allows you to securely hang the XM Home Antenna to the screws.



Accessory: Extra Signal Receiver Antennas

You can use multiple XM radios with your XM Wireless Home Signal Kit by purchasing additional Signal Receiver Antennas.

One XM Wireless Home Signal Kit Transmitter rebroadcasts the XM radio signal to multiple Signal Receiver Antennas, connected to various XM Home Kits or XM Sound Systems, located within range throughout the home. For more details on how to purchase additional Signal Receiver Antennas (Model # XMHSARX1), visit xmradio.com/accessories.

Troubleshooting

Troubleshooting

Troubleshooting

If You're Experiencing:	You Should:
No blue XM signal lights on the Signal Transmitter.	<p>Move the Signal Transmitter to new location, preferably near a south facing window.</p> <p>Make sure mobile phones or other similar devices are not being used in close proximity to the XM Wireless Home Signal Kit.</p> <p>Attach the XM Home Antenna (included with original XM Home Kit or XM Sound System) to the Signal Transmitter (page 14) and place or mount the XM Home Antenna on a table or wall indoors or outdoors where you receive a strong XM signal. Follow mounting instructions included with the XM Home Kit or XM Sound System.</p>
A strong signal to the Signal Transmitter (2-3 blue lights are on) but a weak/intermittent XM signal at the radio (ie. the sound fades in or out).	<p>Ensure the Signal Transmitter and Signal Receiver Antenna are not more than 75 feet apart.</p> <p>Be sure that the Signal Receiver Antenna is plugged in correctly.</p> <p>Make sure mobile phones or other similar devices are not being used in close proximity to the XM Wireless Home Signal Kit.</p>

<p>A strong signal to the Signal Transmitter (blue lights are on) but receiving a 'no antenna' or 'no signal' advisory message on your XM radio.</p>	<p>Ensure the Signal Transmitter and Signal Receiver Antenna are not more than 75 feet apart.</p> <p>Move the Signal Transmitter to new location, preferably near a south facing window.</p> <p>Be sure that the Signal Receiver Antenna is connected correctly.</p>
<p>Inability to receive XM channels.</p>	<p>Be sure your XM radio is activated.</p>
<p>No audio.</p>	<p>Check to see if another Signal Transmitter or wireless device is in the area. Move your Signal Transmitter.</p> <p>If you are using an XM Sound System make sure the sound is not muted.</p> <p>Be sure your XM radio is activated.</p> <p>If you are connected to a stereo system be sure the audio is on and the volume is not turned down or muted.</p>
<p>Cordless phone does not work.</p>	<p>Move the Signal Transmitter to a new location, or turn off while phone is in use.</p>

Other Information

Other Information

Specifications

Dimensions:

Signal Transmitter: 2.63 in. W x 3.94 in. D x 3.77 in. H
(67 mm. W x 99 mm. D x 96 mm. H)

Signal Receiver Antenna: 0.54 in. W x 0.39 in. D x 5.25 in. H
(14 mm. W x 10 mm. D x 133 mm. H)

Weight:

Signal Transmitter: 3.5 oz (97 g) without 9V battery
5.1 oz (143 g) with 9V battery

Signal Receiver Antenna: 0.5 oz (14 g)

Inputs and Outputs:

Signal Transmitter: Antenna Input: RF SMB plug connector

Signal Receiver Antenna: Antenna Input/ Output: RF SMB jack connector output
5 V DC, 80 mA maximum input through RF SMB connector

DC Power: DC Power Socket
5 V DC, 330 mA maximum including external antenna

Power Adapter 5.2 VDC 1.6 AMP

Other Information

Operating Cautions

- Connect only appropriate input devices to the XM Wireless Home Signal Kit. Connecting an incorrect input device may damage the system and/or the external electronic device.
- Connect only appropriate input devices to your Signal Receiver Antenna. Connecting an incorrect input device may damage the system and/or the external electronic device. It is recommended that you use ONLY the Signal Transmitter Power Adapter that came with your XM Wireless Home Signal Kit.

Operating Near Other Wireless Devices

Your XM radio may experience audio mutes when the XM Wireless Home Signal Kit is operated near other wireless devices such as phones, pagers, wireless computer peripherals, wireless LANS, etc. In addition, The XM Wireless Home Signal Kit may interfere with the operation of these wireless devices.

If it is determined other wireless devices are interfering with the Signal Transmitter you should do one or more of the following:

- Move the interfering devices away from the Signal Transmitter.
- Disable other wireless devices, especially those in close proximity to the Signal Transmitter.
- Move the Signal Transmitter and/or the Signal Receiver Antenna away from other wireless devices.

Caring for the XM Wireless Home Signal Kit

- Use only a soft, dry cloth to clean the outside of your XM Wireless Home Signal Kit.
- Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.
- Do not allow liquids to spill on the unit.
- Do not use sprays near your XM Wireless Home Signal Kit.
- It is best to keep your XM Wireless Home Signal Kit out of sources of extreme heat.
- Avoid placing your XM Wireless Home Signal Kit in a setting where air cannot circulate around it.
- Refrain from consuming food or drinks near your XM Wireless Home Signal Kit. Spilling food or drinks on the Signal Transmitter or Signal Receiver Antenna could cause damage to the product.

Other Information

Product Registration

1. Register your product. We will keep the details of your purchase on file to help you refer to this information in the event of an insurance claim such as loss or theft.
2. Receive updates on the latest products and technologies.
3. Download owner's manuals, order product catalogues, research new products, and much more.

Serial Number: _____

FCC and IC Statement

The user is cautioned that changes or modifications not expressly approved by SIRIUS XM Radio Inc. can void the user's authority to operate this device. This device has been designed to operate with the antenna provided in the original packaging. Use of antenna other than the antenna provided will result in improper operation, and is strictly prohibited per regulations of Industry Canada.

This device complies with Part 15 of the FCC Rules and is certified to Industry Canada's RSS-210 specification:

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

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 and Industry Canada RSS-210. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the installation 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:

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

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

Other Information

Notes:

Notes:

XMHSKTX1 043009

XM and related logos are registered trademarks of SIRIUS XM Radio Inc. All other trademarks are property of their respective owners.