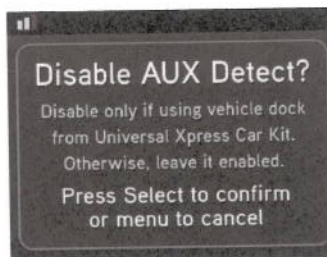


Configuring Your XMH

button to toggle the setting.

- 4 A warning screen will be displayed. Press the **Select button** to confirm that you want to disable AUX Detect.
- 5 If you want to cancel press **menu** to return to **Factory Settings**. AUX Detect will remain enabled.
- 6 AUX Detect will show as disabled. Press and hold **menu** to return to the main display screen.



To enable AUX Detect

(Do this when the Radio is transferred to the *PowerConnect Vehicle Dock* from an older model Vehicle Dock.)

- 1 Press **menu**.
- 2 Turn the **Rotary Knob** to scroll to and highlight **Factory Settings** and press the **Select button**.
- 3 **AUX Detect** will be highlighted and show as disabled. Press the **Select button** again to toggle the setting to enabled.
- 4 Press and hold **menu** to return to the main display screen.

Restore Defaults

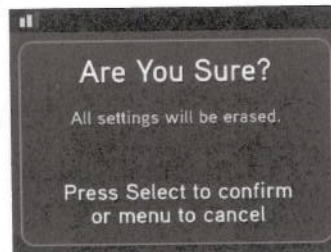
You can clear all of your personal settings, such as favorite channels, FM presets, etc., and return the Radio to its original out-of-the-box settings

To reset XMH to factory defaults:



NOTE! Restoring defaults permanently removes all personal settings.

- 1 Press **menu**.
- 2 Turn the **Rotary Knob** to scroll to and highlight **Factory Settings** and press the **Select button**.
- 3 Turn the **Rotary Knob** to scroll to and highlight **Restore Defaults** and press the **Select button**.
- 4 A warning screen will be displayed. If you are certain that you want to reset your XMH to the default settings, press the **Select button** to confirm.
- 5 If you want to cancel, press **menu** to return to **Factory Settings**.



Configuring Your XMH

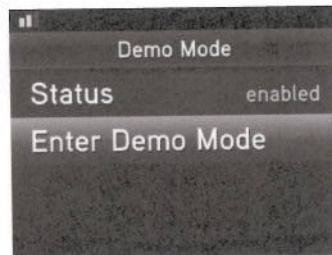
Demo Mode

Your XMH has a demo mode that starts playing when, for a prolonged period of time (more than 5 minutes), the Radio either detects it's not connected to the antenna, or the antenna stops receiving a signal. It disappears when the antenna is connected properly or when the Radio starts receiving a signal. You can also exit demo mode at any time, by pressing and holding the **Select button** for 10 seconds. If desired, you can also manually put XMH in demo mode.

The ability for XMH to enter demo mode is enabled by default. If you don't want XMH to ever enter the demo mode, you can disable the demo feature. You can enable it again at another time if desired.

To enable or disable the demo mode:

- 1 Press **menu**.
- 2 Turn the **Rotary Knob** to scroll to and highlight **Demo Mode** and press the **Select button**.
- 3 **Status** will be highlighted. Press the **Select button** to toggle the setting between enabled or disabled. (Repeatedly pressing the **Select button** toggles between the choices.)
- 4 If you have selected disabled, press and hold **menu** to return to the main display screen. If you have selected enabled continue with step 5.
- 5 Turn the **Rotary Knob** to scroll to and highlight **Enter Demo Mode** and press the **Select button**. The demo mode will start in 10 seconds.



- 6 To exit demo mode at any time, press and hold the **Select button** for 10 seconds.

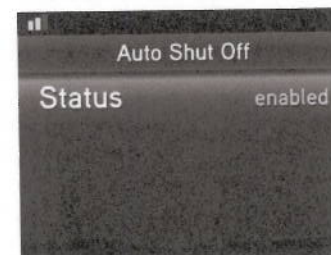
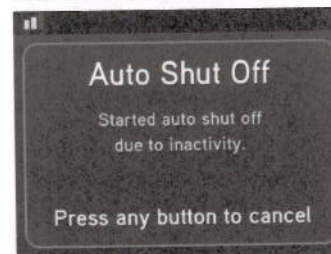
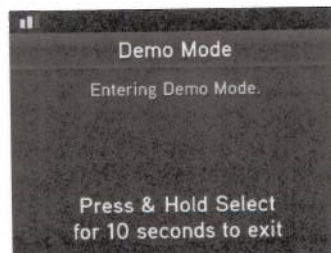
Auto Shut Off

XMH will automatically shut off after 8 hours of inactivity, i.e., when no buttons have been pressed. This feature prevents the vehicle battery from being discharged if you forget to turn your XMH off.

When XMH is about to shut off, the message **Auto Shut Off, Started auto shut off due to inactivity** is displayed, followed by **Press any button to cancel**. If you wish to continue listening, press any button.

To enable or disable Auto Shut Off:

- 1 Press menu.
- 2 Turn the **Rotary Knob** to scroll to and highlight **Auto Shut Off** and press the **Select button**.
- 3 **Status** will be highlighted. Press the **Select button** to toggle the setting between disabled and enabled.
- 4 Press and hold **menu** to return to the main display screen.



Configuring Your XMH

Using the Vehicle Dock From the Universal Xpress Car Kit

If you have chosen to use the Vehicle Dock from the Universal Xpress Car Kit rather than the *PowerConnect* Vehicle Dock included with your XMH Radio, you will need to complete some additional installation steps. When you have completed these additional steps, you can continue with the installation of your XMH.

When you are using the Universal Xpress Vehicle Dock, the screen will initially display "AUX Connected" when you power on your XMH. Ignore this message. Once you have completed the steps below, it will not be displayed again.

If you are connecting the audio through your vehicle's FM radio (SureConnect or FMDA):

- 1 Disable the AUX Detect feature. Refer to "AUX Detect" on page 83, and disable AUX Detect.
- 2 Turn the FM Transmitter in XMH On. Refer to "Turn FM Transmitter On/Off" on page 89, and turn the FM Transmitter On.
- 3 Continue with the installation.

If you are connecting the audio using the Aux In Cable or Cassette Adapter:

- 1 Disable the AUX Detect feature. Refer to "AUX Detect" on page 83, and disable AUX Detect.



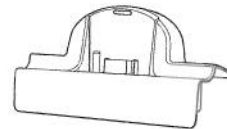
TIP! The FM Transmitter must be Off. To verify that the FM Transmitter is Off, refer to "Turn FM Transmitter On/Off" on page 89.

- 2 Continue with the installation.

Turn FM Transmitter On/Off

Turning the FM Transmitter On applies only if you are using the older model Vehicle Dock from the Universal Xpress Car Kit, and plan to use *SureConnect* or *FMDA* as the audio connection option.

You'll have to turn On the FM Transmitter under the **FM Settings** menu. However, before you can access the **FM Settings** menu, you first need to disable **AUX Detect**. Refer to "AUX Detect" on page 83. Once you have disabled **AUX Detect**, the **FM Settings** menu will be accessible.



To turn the FM Transmitter On:

- 1 Press **menu**.
- 2 Turn the **Rotary Knob** to scroll to and highlight **FM Settings** and press the **Select** button.
- 3 **FM Transmitter** will be highlighted. Press the **Select** button to toggle the setting from Off to On.
- 4 The **FM Channels** menu item will now be accessible, allowing you to tune XMH and the FM radio in your vehicle to the same FM channel.



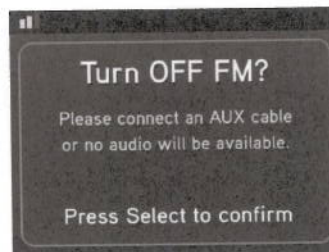
TIP! XMH is programmed with FM channel 97.9 as the default setting.

Configuring Your XMH

To turn the FM Transmitter Off:

If you are using the older model Vehicle Dock from the Universal Xpress Car Kit, and plan to use the Aux In Cable or a Cassette Adapter as the audio connection option, you'll have to turn the FM Transmitter under the **FM Settings** menu in XMH Off, if it was previously turned On.

- 1 Press **menu**.
- 2 Turn the **Rotary Knob** to scroll to and highlight **FM Settings** and press the **Select button**.
- 3 **FM Transmitter** will be highlighted. Press the **Select button** to toggle the setting from On to Off.
- 4 A warning message will be displayed advising you to connect the Aux In Cable. Press the **Select button** to confirm that you want to turn off the FM Transmitter.
- 5 Press and hold **menu** to exit.



Troubleshooting

Troubleshooting

XMH 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 the vehicle power socket is clean and free of corrosion.
- Make sure you have connected XMH as described in this User Guide. Verify that the *PowerConnect* Power Adapter is plugged into the vehicle's cigarette lighter or power adapter socket, and that the LED on the *PowerConnect* Power Adapter is lit (on). If not, your vehicle may need to be running to provide power to the socket.

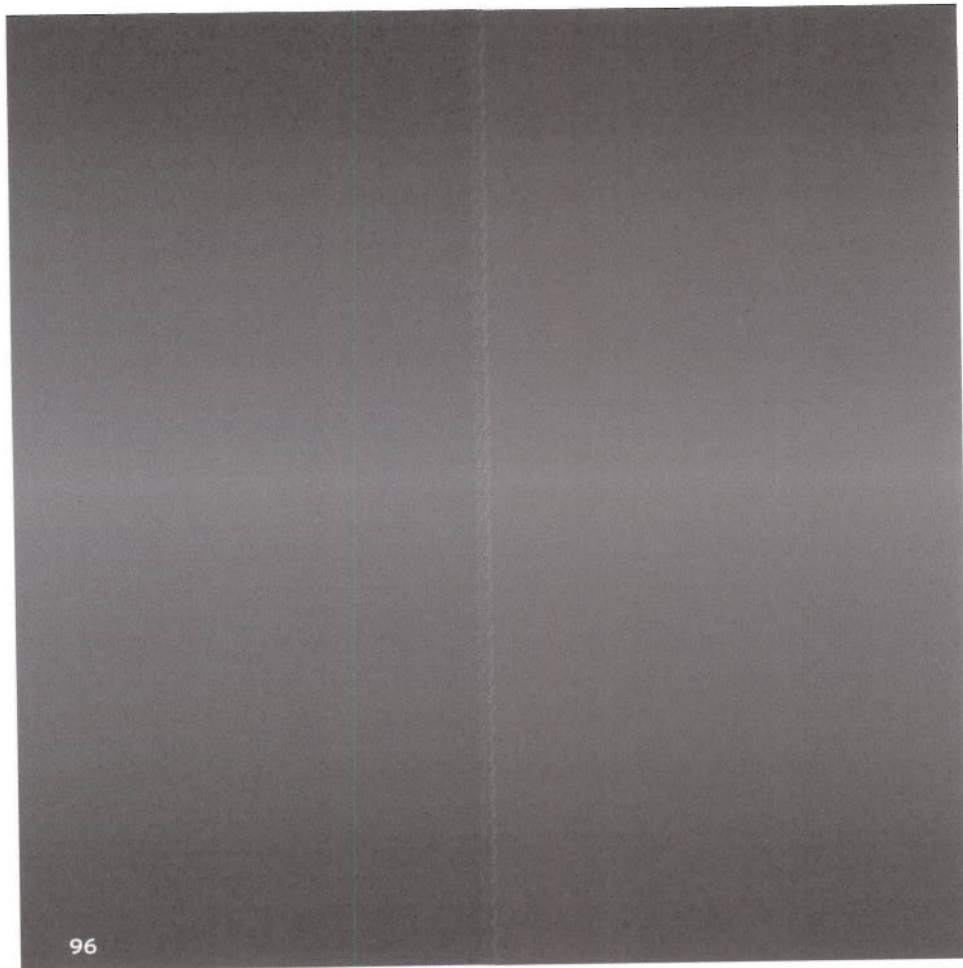
If you see this on the screen:	Try this:
Acquiring Signal	<ul style="list-style-type: none">• Make sure that the vehicle is outdoors with a clear view of the sky.• Make sure the Magnetic Mount Antenna is mounted outside of the vehicle.• Move the antenna away from any obstructed area. For example, if you are parked in an underground garage, you should receive a signal after leaving the garage.
Check Antenna Connection	<ul style="list-style-type: none">• Make sure that the antenna cable is firmly and securely plugged into the <i>PowerConnect</i> Vehicle Dock. Make sure the cable is not bent or broken.• Turn XMH Off, then On, to reset this message.• If the message persists, most likely the Magnetic Mount Antenna cable has been damaged. Replace the antenna.
Channel Off Air	<ul style="list-style-type: none">• The channel you've selected is not currently broadcasting. Tune to another channel.

If you see this on the screen: Try this:	
Loading	<ul style="list-style-type: none"> Your XMH is acquiring audio or program information. This message usually goes away in a few seconds.
Updating	<ul style="list-style-type: none"> Your XMH is updating with the latest encryption code. Wait until the update is done. You may be trying to tune to a channel that is blocked or unavailable. Tune to another channel.
-	<ul style="list-style-type: none"> No program information, such as artist name, song title, or channel exists.
If this happens: Try this:	
You do not receive all the channels to which you subscribed	<ul style="list-style-type: none"> Ensure that you have subscribed to the service by following the steps in "Subscribe" on page 48. Go to www.siriusxm.com/refresh and follow the directions to refresh your Radio. Call 1-800-967-2346 for further assistance.
Audio sounds too soft	<ul style="list-style-type: none"> Raise the volume of your stereo system or increase the audio level of your XMH until the sound quality improves. Refer to "Set Audio Level" on page 81.
No audio when using the Aux In Cable or Cassette Adapter	<ul style="list-style-type: none"> Check all cables between your XMH and your vehicle's stereo system for a firm and secure connection. Ensure you have selected the proper input source on your vehicle's stereo system. Increase the audio level of XMH. Refer to "Set Audio Level" on page 81. If you are using the Vehicle Dock that came with the Universal Xpress Car Kit, ensure that the FM Transmitter in XMH is turned Off.

Troubleshooting

If this happens:	Try this:
No audio when using the Aux In Cable or Cassette Adapter	<ul style="list-style-type: none">• Check all cables between your XMH and your vehicle's stereo system for a firm and secure connection.• Ensure you have selected the proper input source on your vehicle's stereo system.• Increase the audio level of XMH. Refer to "Set Audio Level" on page 81.• If you are using the Vehicle Dock that came with the Universal Xpress Car Kit, ensure that the FM Transmitter in XMH is turned Off.
Audio fades or has static when listening	<ul style="list-style-type: none">• Check all cables for a firm and secure connection.• If you are using <i>PowerConnect</i> to listen via your vehicle's FM radio, and the problem persists, it most likely is interference from another commercial or broadcast FM station. You will need to find an unused or available FM channel in your area. Refer to "Find Available FM Channels in Your Area" on page 73.• If you are using <i>PowerConnect</i>, and you cannot solve the audio problem, try connecting the audio using the Aux In Cable or a Cassette Adapter. (Refer to page 39 and page 41.) If you cannot use those solutions, consider using an FM Direct Adapter. (Refer to page 46.)

If this happens:	Try this:
No audio when using PowerConnect or FMDA	<ul style="list-style-type: none"> • Check that your XMH and your vehicle's FM radio are tuned to the same FM channel. • For <i>PowerConnect</i>, ensure you are using the <i>PowerConnect Vehicle Dock</i> and <i>PowerConnect Power Adapter</i>. • If you are using the Vehicle Dock that came with the Universal Xpress Car Kit, ensure that the FM Transmitter in XMH is turned On. Refer to "Turn FM Transmitter On/Off" on page 89.
No song title or artist name is displayed	<ul style="list-style-type: none"> • The information may not be available or updates may be in progress.
Traffic and Weather channels sound different from other channels	<ul style="list-style-type: none"> • These channels use a different audio technology than other channels so they often sound different from other channels.
XMH turns off unexpectedly	<ul style="list-style-type: none"> • If Auto Shut Off is enabled, XMH will automatically turn off after an eight hour period of inactivity (no user intervention). Set Auto Shut Off status to disabled.
The demo is playing	<ul style="list-style-type: none"> • Your Magnetic Mount Antenna is not connected or you are not receiving the signal. Check that the antenna is connected properly and is not obstructed. • Press and hold the Select button for 10 seconds to exit Demo Mode. • You can disable Demo Mode. Refer to "Demo Mode" on page 86.



Product Specifications

Product Specifications

System

Power Requirements: 9-16 V DC, 500 mA (max)
Operating Temperature: -4°F to +140°F (-20°C to +60°C)
Audio Output: 1.0 V_{rms} (max)

XMH Radio

Dimensions: 4.5 in (width) x 2.4 in (height) x 0.7 in (depth)
115 mm (width) x 61 mm (height) x 17 mm (depth)
Weight: 3.4 oz (95 g)

PowerConnect Vehicle Dock

Dimensions: 4.0 in (width) x 2.3 in (height) x 1.2 in (depth)
102 mm (width) x 59 mm (height) x 31 mm (depth)
Weight: 1.6 oz (46 g)
Audio Connector: 1/8 in (3.5 mm) female
Antenna Connector: SMB male

PowerConnect Power Adapter

Dimensions: 3.7 in (width) x 1.7 in (height) x 1.3 in (depth)
94 mm (width) x 43 mm (height) x 34 mm (depth)
Weight: 2.4 oz (69 g)
Input / Output: 9-16 V DC / 5 V DC, 1.5 A
Cable Length: 4 ft 7 in (1.4 m)

Vehicle Antenna

Type: XM Magnetic Mount
Connector: SMB female, right angle
Cable Length: 23 ft (7.0 m)

Aux In Cable

Connectors: 1/8 in (3.5 mm) stereo male to 1/8 in (3.5 mm)
stereo male
Cable Length: 4 ft (1.2 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.

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

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. 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 SiriusXM equipment and the affected receiver.
- Connect the SiriusXM 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 this Satellite Radio Receiver for use in any aircraft (neither portable nor permanent installation). Therefore, Sirius XM Radio Inc. cannot support this type of application or installation.

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Hardware and subscription sold separately, and activation fee required. Other fees and taxes may apply. **Subscriptions governed by SiriusXM Customer Agreement; see www.siriusxm.com.** Prices and programming are subject to change. **Service automatically renews into the subscription Package you choose (which may differ from the Package which arrived with the Radio), for additional periods of the same length as the Plan you choose, and automatically bills at the then current renewal rate, after any complimentary trial or promotional period ends, until you call SiriusXM at 1-866-635-2349 to cancel.** XM U.S. Satellite service available only to those at least 18 years of age in the 48 contiguous USA and DC, while SiriusXM Internet Radio is available throughout our satellite area and also AK, HI and PR.

Owners Record

The Radio model number is located below and the XM Radio ID is located on the label on the back of XMH.

Record the XM Radio ID in the space provided below. Refer to these numbers whenever you call your dealer regarding this product.

Radio Model Number: SX1E

XM Radio ID: _____

SiriusXM 90-Day Limited Warranty

What This Warranty Covers

This warranty covers defects in material and workmanship for 90 days from the date of purchase by the original retail purchaser only. Sirius XM Radio Inc., at its sole option, will repair or replace the product with a new or reconditioned product without charge for parts and labor. Products replaced under this warranty become the property of SiriusXM. Replacement products are warranted to be free from defects for 30 days or the remainder of the original warranty, whichever is longer.

What This Warranty Does Not Cover

This warranty does not cover: products sold as used, as is, reconditioned or refurbished; software stored on internal or removable memory; non-rechargeable batteries, surface preparation cleaners, adhesive pads, fasteners, and ear-buds; costs incurred for installation, removal or reinstallation of the product; correction of installation problems, such as elimination of externally generated static or noise and antenna placement and aiming; defects or damage caused by alteration, improper installation or removal, use of third party accessories, mishandling, misuse, neglect, accident, power surges or acts of nature.

How to Obtain Warranty Service

To obtain warranty service, please call SiriusXM Listener Care at 1-866-746-7961. You will be required to provide proof of purchase and a description of the defect. You must prepay the cost of shipping the product to an approved service center.

LIMITATIONS OF LIABILITY

THE LIABILITY OF SIRIUSXM UNDER THIS WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT AS PROVIDED ABOVE AND, IN NO EVENT, SHALL THE LIABILITY EXCEED THE PURCHASE PRICE PAID FOR THE PRODUCT. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF WARRANTY, INCLUDING BREACH OF ANY IMPLIED WARRANTY OF MERCHANTABILITY, MUST BE BROUGHT WITHIN 48 MONTHS FROM THE DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL SIRIUSXM BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, 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.

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