(((XM)))

XMp3 ™

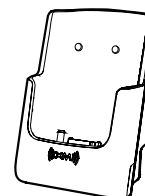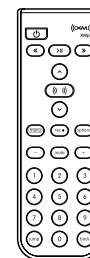**Car Kit Installation Guide**

Table of Contents

Introduction

Welcome to XM

Thank you for purchasing the XMp3™ Radio Car Kit. This guide walks you through the installation of your new car kit and helps get you set up and listening fast.
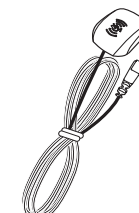
What's in the box?

car cradle

remote control

audio cable

car antenna
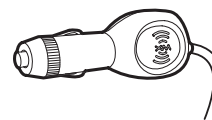
power adapter
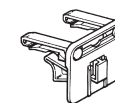
vent mount
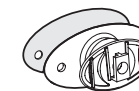
swivel mount

swivel mount
preparation kit

Introduction

Remote Control functions

Power Button
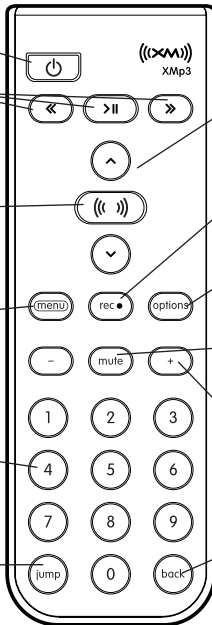
30-Minute Replay Buttons
Pause and replay up to 30 minutes of live XM broadcast.

Select/XM Button
Press to confirm selections.

Menu
Go to My Music Library, access advanced features and configuration options or info extras information.

Number Keys
Enter a channel directly or select your favourite channels.

Jump
Switches between current channel and previous channel.

Arrow Buttons
Select menu entries, change channels.

Record
Record a song or channel.

Options
TuneSelect, bookmarks, favourites, auto recording, and view programs for channel.

Mute
Silences live, saved songs, and replayed XM content.

+ and -
Change channels or control volume for audio system (sold separately).

Back
Return to previous screen. Press and hold to return to the previous channel.

XMp3
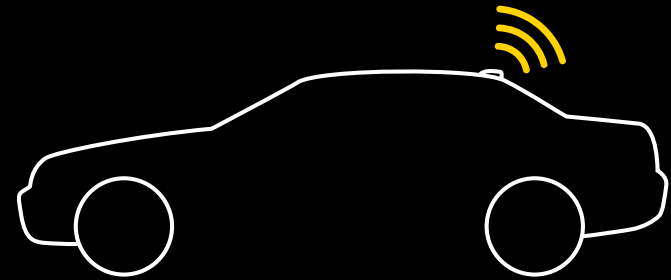
Vehicle Installation

Step 1: Plan the Installation

1. Select an area on the dashboard you want to place the car cradle. This is where you will install the swivel or vent mount.

   TIP! An adhesive pad is used to mount the swivel mount to the dashboard. The adhesive requires 24 hours to cure. Make sure you provide yourself the proper amount of time to install your car kit. See *Step 3: Install the Swivel or Vent Mount* for more information.

2. Determine which connection method you plan to use in order to receive the XM signal:

   •Audio Cable (Included)
   •XM SureConnect (sold separately)
   •Cassette Adapter (sold separately)
   •FM Direct Adapter (sold separately)

   WARNINGS:

   • When using this product, it is always important to keep your eyes on the road and hands on the wheel. Not doing so could result in personal injury, death, and/or damage to your XMp3 radio, accessories, and/or to your vehicle or other property.

   • Your XMp3 radio should be placed in your vehicle where it will not interfere with the function of safety features, e.g., deployment of airbags. Failure to correctly place your XMp3 radio may result in injury to you or others, if the unit becomes detached during an accident and/or obstructs the deployment of an airbag.

Step 2: Mount the XM Car Antenna

1. Place the car cradle on the dashboard. You will connect it to the swivel or vent mount later on.

2. Select a suitable location on the outside of your car for the XM car antenna. For example, on the roof near the windshield or rear window.

   TIP! When selecting a location, consider any accessories that your car has, such as a luggage rack, and how often you use the accessories. Select a location where the XM car antenna won't be covered or blocked as this could interfere with signal reception.

3. Gently place the XM car antenna in the location you selected. The antenna has a strong magnet that sticks to any metallic surface.

   Magnet
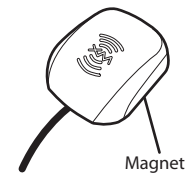
   TIP! Make sure the door does not pinch the cable when closed.
   TIP! Always cross the weather seals at the lowest point possible to reduce water leaks.
   TIP! Always hand wash or use brushless or touch-free car washes.

Vehicle Installation

4. Route the cable:

- If you placed the XM car antenna on the **front** of the vehicle, route the cable across the top of the windshield. Gently pry up the rubber weather seal and tuck the cable underneath. Follow the weather seal down the side of the windshield to the door jam. Tuck the cable into the door jam and then under the floormat to the car cradle.

- If you placed the XM car antenna on the **rear** of the vehicle, route the cable under the weather seal of the rear window. Tuck the antenna cable around and down the window to the lowest point, just above the trunk.
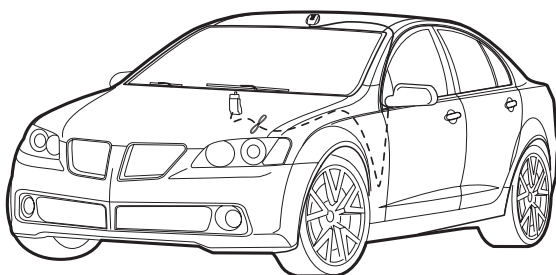
- Next, route the cable from the rear window molding into the weather stripping around the trunk opening. Run the cable into the trunk and then into the rear passenger compartment. Route the cable through the main compartment by tucking it under the door jam trim or under the carpet and up to the radio.
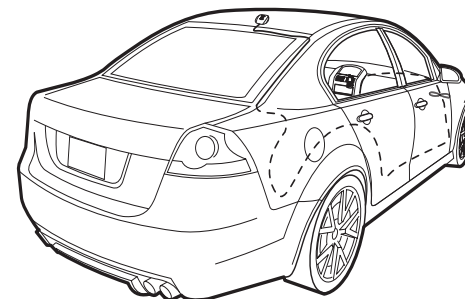
5 Make sure any excess cable does not interfere with vehicle operations.

TIP! Always be careful to include enough slack in your cable to accommodate open doors or trunk lids. Use things typically found around the home, like electrical tape, to secure cables in areas so that hinges do not pinch the cable with the door. Hide any excess cable in the trim.

Vehicle Installation

Step 3: Install the swivel or vent mount

You can use either the included swivel mount or vent mount for your XMp3 radio depending on your vehicle interior.

Installing the swivel mount

CAUTION! The adhesive used with the swivel mount may make it difficult to remove. Do not install this mount on leather surfaces and make sure the air temperature is at least 60°F (15°C) during installation.

1 Locate a flat surface for the mount. Make sure there is ample room for the XM cradle and radio when installed.

2 Clean the surface with the preparation kit and let it dry thoroughly.

3 Peel off the adhesive liner. Position, press, and hold the swivel mount in place for 30 seconds.

IMPORTANT! Let the adhesive cure for 24 hours before attaching the XM cradle and radio to the mount.

4 Turn the swivel to accommodate the XM cradle and radio. Adjust the tension via the center screw.

You can adjust this screw to adjust the tension of the mount with a screwdriver.
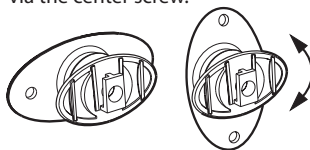
To remove, carefully lift the adhesive pad with your fingers or a spoon. Warming the pad with a hair dryer for several minutes will help soften the adhesive.

You can reinstall the swivel mount using the extra adhesive pad.

Installing the vent mount

1 Locate a vent with horizontal slats sturdy enough to hold your XM cradle and radio.

2 Adjust the clamps to fit your vent.

3 Snap the mount onto the vent.
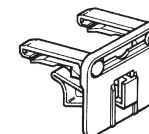
To remove, push the mount into the vent, then lift up.

① Dash / Vent

② Dash / Vent
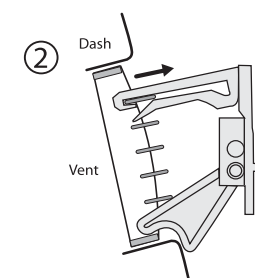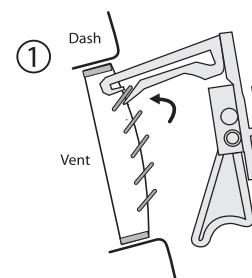
Vehicle Installation

Step 4: Connect your XMp3 radio.

1 Plug the antenna jack into **antenna** on the cradle.

2 Plug the power adapter jack into **5V DC** on the cradle.

3 Plug the audio adapter jack into **line out** on the cradle.

   • Use the **audio cable** (included) if your vehicle has an audio input jack.
   • Use the **cassette adapter** (sold separately) if your vehicle has a built in cassette player

4 Insert mount into the cradle then slide it up until it feels tightly in place.
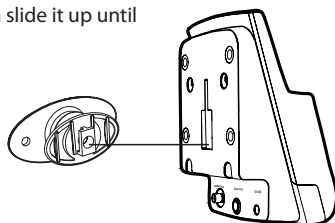
5 Insert your XMp3 radio into the cradle.

NOTE! If your car does not contain a cassette player or an audio input, you will need to use either the XM SureConnect (sold separately) or the FM Direct (sold separately).

Audio Cable or Cassette Adapter Configuration

XM Car Antenna

XMp3 Car Cradle

or

Power Adapter

Audio Cable (included)

Cassette Adapter (sold separately)

SureConnect Configuration

XMp3 Car Cradle

XM SureConnect (sold separately)

XM Car Antenna

Power Adapter
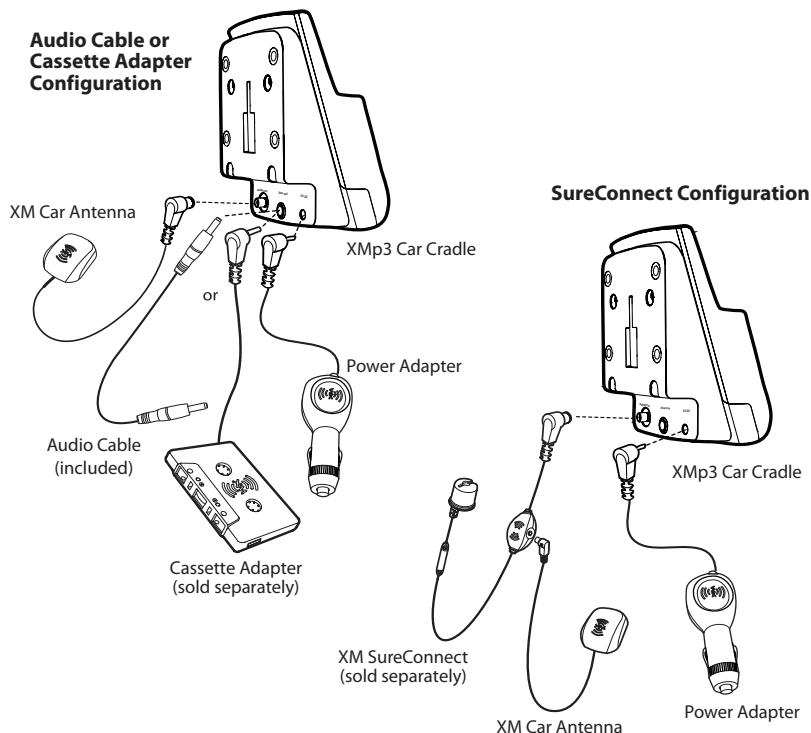
Vehicle Installation

• **XM SureConnect** (sold separately): You can listen to your XMp3 radio through your car stereo by using the XMp3 car cradle's built-in FM modulator and the XM SureConnect. Simply find an unused FM frequency on the stereo and set your XMp3 radio to transmit on that same frequency. Refer to Find an FM frequency in your user guide for more information.

• **FM Direct** (sold separately): This option directly connects the XMp3 car cradle to your car's audio system and antenna. A professional installation is recommended if you choose to use this method. Professional installation can help improve your XMp3 radio's reception and significantly reduce the visibility of wires. To learn more, check with the retailer where you bought your radio or go to xmradio.ca/accessories

Step 5: Turning on your XMp3 radio.

1   Turn on your car radio.

2   Plug in the audio cable or insert the cassette adapter into your car stereo if applicable.

3   Turn on your XMp3 radio.

NOTE: You may experience a brief delay while your XMp3 radio powers up. If you press the power button during this time, you will see a "Please Wait" message.

Find an FM frequency

(When using the XM SureConnect or FM Direct.)

If you are using the SureConnect or FM Direct to transmit audio, you must set the FM frequency on both your XMp3 radio and your car radio.

1   Select **menu** → **Settings** → **Vehicle Settings** → **Frequency Finder**.

Settings: Vehicle Settings
FM Frequency Finder
Automatic Power: On
Power Off: Off

Settings: Vehicle Settings
FM Frequency Finder
Automatic Power: On

Scanning
FM Frequencies...
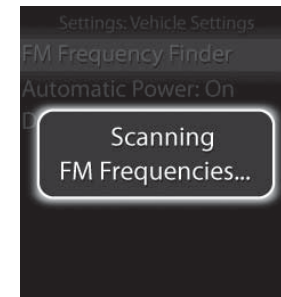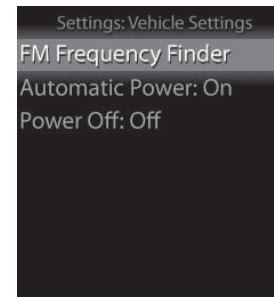
2   Your XMp3 radio automatically scans for all available FM frequencies.

Vehicle Installation
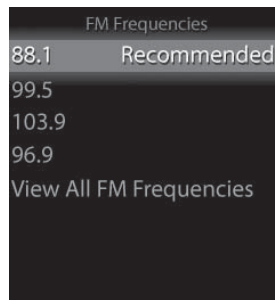
3 You'll see a list of all the frequencies. Turn the **control wheel** to highlight a frequency, then press the **XM button** to select it.

4 Set your car radio to the frequency selected.

TIP! The best FM frequency to use is displayed at the top of the list. It is recommended to choose that frequency. However, if you are not satisfied with the sound quality, select a different FM frequency within the list (or select View All Frequencies to see 100 frequencies), press the XM button on your XMp3 radio, and tune your car stereo to that frequency.

Set the line out level

To connect the **line out** on the XMp3 car cradle directly to your car's stereo to transmit audio, you can:

- Use your car stereo's audio input called "Aux In" (cable included).
- Use a cassette adapter (sold separately).

Either of these methods will give you the best audio quality. When using either of these methods to transmit audio through your car's stereo, you can adjust the XMp3 radio's audio level to match other audio sources.

1 Press **menu → Settings → Line Out level**

2 Spin the wheel to increase or decrease the level.

3 Press the **XM button**.

Do not use the Line Out Level menu item as a volume control; use the volume control on your car stereo instead. Line Out Level is used to adjust the volume level to match other audio sources (your CD player, other FM stations, or MP3 player).

Vehicle Installation

Aim XM car antenna for best reception

For best reception, your XM car antenna should have an unobstructed view of the XM satellites in the southern sky. In large cities, XM has a network of ground repeaters to help increase the signal coverage.

Your XMp3 radio can help you aim the XM car antenna for best reception.

1 Select **menu** → **Settings** → **Antenna Aiming**.

2 The Satellite and Terrestrial bars show the level of your current signal.

3 Move around your antenna if you are having trouble getting a signal.
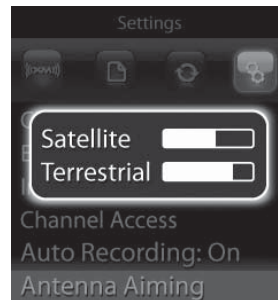
Automatic power

Usually, your XMp3 radio turns on automatically when it is plugged in and receiving power. You can change this so you must manually turn the radio on/off each time.

1 Press **menu** → **Settings** → **Vehicle Settings** → **Automatic Power**.

2 Press the **XM button** to toggle **On** or **Off**.

TIP! With your XMp3 radio in the car cradle, the remote will not be able to turn it on.
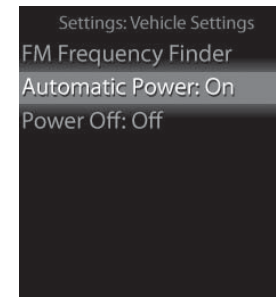
Vehicle Installation

Power Off

This option is available if you are using the car cradle and the cigarette lighter is always powered.

1   Press **menu** → **Settings** → **Vehicle Settings** → **Power Off**.

2   Press the **XM button** to adjust the setting.

   •   Choose the amount of time (60, 90, 120, or 180 minutes or Off) that should pass before the radio turns off automatically.

3   Press the **XM button**.

Settings: Vehicle Settings
FM Frequency Finder
Automatic Power: On
Power Off: Off
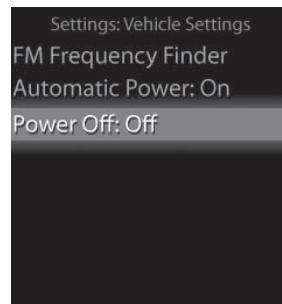
Troubleshooting

The XMp3 radio 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 cigarette lighter/auxiliary power socket is clean and free of corrosion.

- If you are using your XMp3 radio in your vehicle, check the 12V adapter fuse by unscrewing the ribbed end of the 12V adapter. If required, replace with a 1-amp fuse only. If the 12V adapter does not have a removable end-cap, it has an internal fuse that resets itself after it is left unplugged for a period of time.

If you see this on the screen:	Try this
No signal	Make sure the XM car antenna is mounted outside of the vehicle. Move your XM car antenna or your vehicle away from the obstructed area. For example, if you are parked in an underground garage, you should receive a signal after leaving the garage.
Check Antenna	Make sure that the XM car antenna cable is firmly and securely plugged into the cradle. Make sure the cable is not bent or broken. Turn the XMp3 radio off, then on, to reset this message.

| If you see this on the screen:	Try this
Off Air	The channel you've selected is not currently broadcasting. Tune to another XM channel.
Loading	Your XMp3 radio is acquiring audio or program information from the XM signal. This message usually goes away in a few seconds.
Updating	XM is updating your XMp3 radio with the latest encryption code. Wait until the update is done. OR You may be trying to tune to a channel that is blocked or unavailable. Tune to another channel.
- - -	No program information, such as artist name, song title, or channel exists.

If this happens:	Try this
XMp3 radio shuts off unexpectedly	One or both of the" Sleep Timer" or "Delayed Power" features might be enabled. At the "Settings" menu, make sure both features are turned "Off"
You do not receive all the XM channels you subscribed to	If you have not yet activated your XM Satellite Radio service, refer to Activation in your XMp3 radio user guide.
No audio	Check all cables between your XMp3 radio and your stereo system for a firm and secure connection.
No song title or artist name is displayed	The information may not be available or updates may be in progress.

Troubleshooting

If this happens:	Try this
No audio when listening to XM through an FM radio	Check that your XMp3 radio and your car radio are tuned to the same FM frequency.
Audio fades or has static when listening	Check all cables for a firm and secure connection. If the problem persists, it might be interference from another FM channel. Refer to Find an FM Frequency on page 15 when using the XM SureConnect (sold separately) or the FM Direct (sold separately).
Audio sounds too soft	Raise or lower the audio level until the sound quality improves. Refer to Setting the Line Out Level on page 17.
XM Instant Traffic and Weather channels sound different from other channels	These channels use a different audio technology than the other XM channels so they often sound different from other channels.

ON
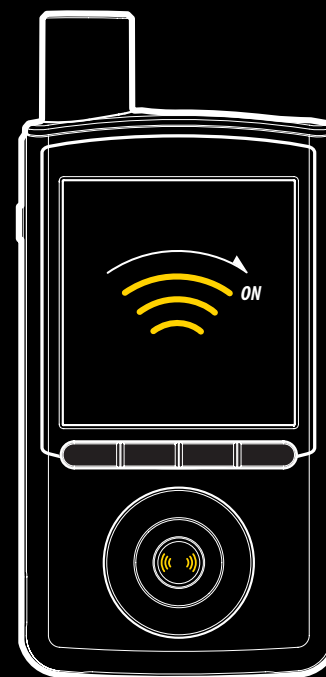
Product Specifications

Dimensions

Car Cradle	53 mm (W) X 70 mm (H) X 35 mm (D) 2 in (W) X 2.75 in (H) X 1.37 in(D)
XM Car Antenna	Cable Length: 23 feet (7 m)
Audio Cable	Cable Length: 1 meter with standard 3.5mm stereo plug on each end
Remote Control	40 mm (W) X 119 mm (H) X 14 mm (D) 1.5 in (W) X 4.7 in (H) X 0.55 in(D)

Weight

Car Cradle	48 g	1.7 oz
Antenna	85 g	3 oz
Remote	60 g	2 oz

Audio Outputs   3.5 mm diameter mini stereo jack

External Power

Voltage	5V DC
Current	2000 mA
Polarity	– –◖C◗– +

Remote Battery

Type	CR2032
Voltage	3 V

Model Numbers

XMp3 Radio	GEX-XMP3-C
XMp3 Home Kit	CD-XMHOME1-C
XMp3 Car Kit	CD-XMPCAR1-C

FCC and IC Statement

The user is cautioned that changes or modifications not expressly approved by XM Satellite 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 this Satellite Radio Receiver for use in any aircraft (neither portable nor permanent installation). Therefore, XM Satellite Radio cannot support this type of application or installation

Warranty

WARRANTY

Pioneer Electronics of Canada, Inc. (POC) warrants that XMP3 products distributed by POC in Canada that fail to function properly within the specified warranty period, under normal use due to a manufacturing defect when installed and operated according to the owner's manual enclosed with the unit will be exchanged with a unit of comparable value, at the option of POC, free of charge (excluding any activation or deactivation charges incurred by user).

This limited warranty applies to the original owner of this Pioneer product during the warranty period, provided the product was purchased from an authorized XM Canada's distributor or retailer in Canada. You will be required to provide a sales receipt or other valid proof of purchase showing the date of original purchase. In the event of product failure, to avail yourself of this warranty, the product must be delivered within the warranty period to the retailer where it was purchased. You will be responsible for the removal and re-installation of the product and for any applicable activation/deactivation charges.

PRODUCT WARRANTY PERIOD

Portable Satellite Radio...............1 Year (Exchange only at place of purchase)

Portable Satellite Radio Battery.....................………………………… 90 Days

WHAT IS NOT COVERED

If this product was purchased from an unauthorized dealer, there are no warranties, express or implied, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose and this product is sold strictly "as is" and "with all faults".

Pioneer shall not be liable for any consequential and/or Incidental damages. Pioneer does not warrant any product listed above when it is used in a trade or business or in any industrial or commercial application.

This warranty does not apply if the product has been subjected to power in excess of its published power rating. This warranty does not cover the cabinet or any other appearance item, user attached antenna, any damage to the product resulting from alterations, modifications not authorized in writing by Pioneer, accident, misuse or abuse, damage due to lightning or to power surges, subsequent damage from leaking, damage from inoperative batteries, or the use of batteries not conforming to those specified in the owner's manual. This warranty does not cover defects or damage caused by tampering, or from improper maintenance.

ALTERED, DEFACED, OR REMOVED SERIAL NUMBERS VOID THIS ENTIRE WARRANTY.

NO OTHER WARRANTIES, EXCEPT AS EXPRESSLY PROVIDED HEREIN, THERE ARE NO REPRESENTATIONS, WARRANTIES, OBLIGATIONS, OR CONDITIONS, IMPLIED, STATUTORY OR OTHERWISE, APPLICABLE TO THIS PRODUCT.

Warranty

TO OBTAIN WARRANTY SERVICE

To receive warranty service, you need to present your sales receipt showing place and date of original owner's transaction and deliver the product within the warranty period to the retailer where it was purchased. Your defective product will be exchanged by the retailer once it is confirmed to be defective.

Removal and re-installation of the product and any applicable activation/deactivation fees are not covered by this warranty.

ADDITIONAL INFORMATION

For additional information on this product and its warranty, please contact:
Customer Service Department
Pioneer Electronics of Canada, Inc.
300 Allstate Parkway
Markham, Ontario, L3R 0P2
(905) 479-4411   1-877-283-5901
http://www.pioneerelectronics.ca

DO NOT RETURN ANY PRODUCT TO THE ABOVE ADDRESS. IT IS NOT A SERVICE LOCATION.

RECORD THE PLACE AND DATE OF PURCHASE FOR FUTURE REFERENCE

Model No. _____

Serial No. _____

Purchase Date _____

Purchased From _____

KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE

Patent and Environmental Info

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 receivers compatible with the XM Satellite Radio system. 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 an XM 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.

Your Satellite Radio receiver is packaged with cardboard, polyethylene, etc., and does not contain any unnecessary materials.

Pioneer

CD-XMPCAR1-C