



User Guide

**Onyx EZ
Radio & Vehicle Kit**

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Introduction

Features

Congratulations on your purchase of the Onyx EZ with Vehicle Kit!

The Onyx EZ has these exciting features to enhance your overall experience:

- Hear SiriusXM through your existing vehicle radio with easy, do-it- yourself installation.
- View artist name, song title, and channel information on the large display.
- Store your favourite channels for one touch access.
- Easily lock and unlock channels with mature content.
- One-Touch Jump™ to your favourite channel.
- Listen in multiple vehicles, at home, in the office or outdoors - all with just one subscription.
- Vehicle Kit included – add accessories for your home, office, or other vehicles.

Please read the entire user guide before using your Onyx EZ!

Introduction

Safety and Care Information



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

- Do not expose to extreme temperatures (above 60°C or below -20°C, or above 140°F or below -4°F).
- Do not expose to moisture. Do not use device near or in water.
- 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.
- If the LCD screen is damaged, do not touch the liquid crystal fluid.

Introduction

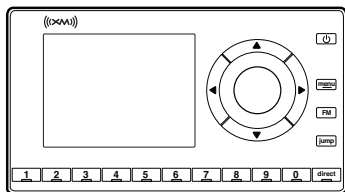
Warning!

- Opening the case may result in electric shock.
- If the liquid crystal fluid comes in contact with your skin, wipe the skin area with a cloth and then wash the skin thoroughly with soap and running water. If the liquid crystal fluid comes into contact with your eyes, flush the eyes with clean water for at least 15 minutes and seek medical care. If the liquid crystal fluid is ingested, flush your mouth thoroughly with water. Drink large quantities of water, and induce vomiting. Seek medical care.
- Make sure that you insert the *PowerConnect* Power Adapter all the way into the vehicle's cigarette lighter or power adapter socket.
- Do not insert several devices into the same power socket.
- Use the *PowerConnect* Power Adapter and *PowerConnect* Vehicle Dock away from water sources to avoid fire or electric shock.
- Do not touch the device with wet hands.
- 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 device, accessories, and/or to your vehicle or other property.
- Vehicle installation and radio configuration functions should not be performed while driving. Park your vehicle in a safe location before beginning installation.

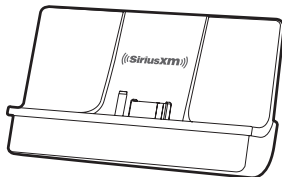
Your device should be placed in your vehicle where it will not interfere with the function of safety features, e.g., deployment of airbags. Failure to correctly place device may result in injury to you or others, if the unit becomes detached during an accident and/or obstructs the deployment of an airbag.

Introduction

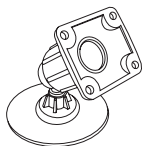
What's in the Box?



Onyx EZ Radio



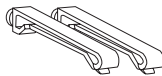
PowerConnect Vehicle Dock



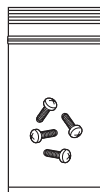
Dash Mount



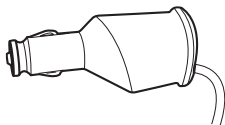
Aux In Cable



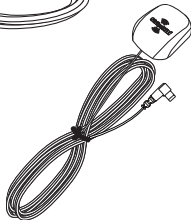
Vent Mount
and Extended
Vent Clamps



Screws (4)



PowerConnect
Power Adapter



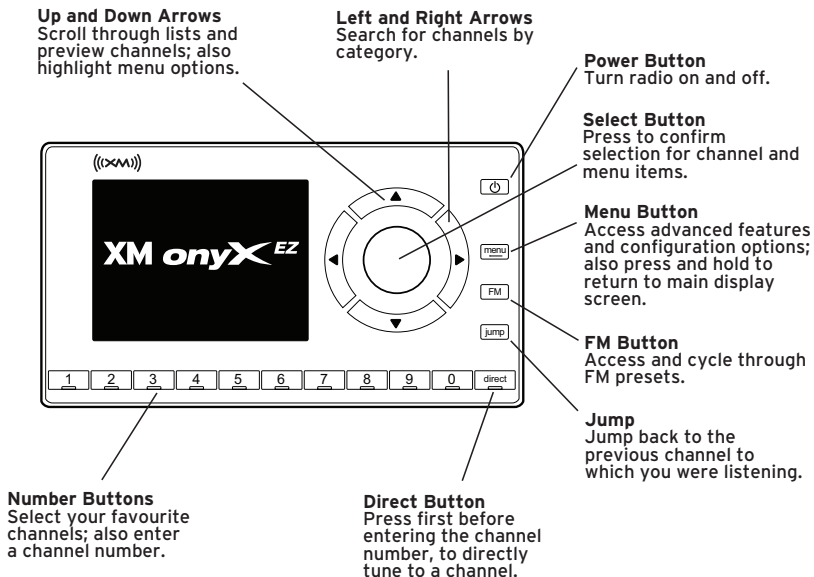
Magnetic Mount
Antenna



Antenna & Dash Mount
Alcohol Preparation Pads

Introduction

Onyx EZ Functions

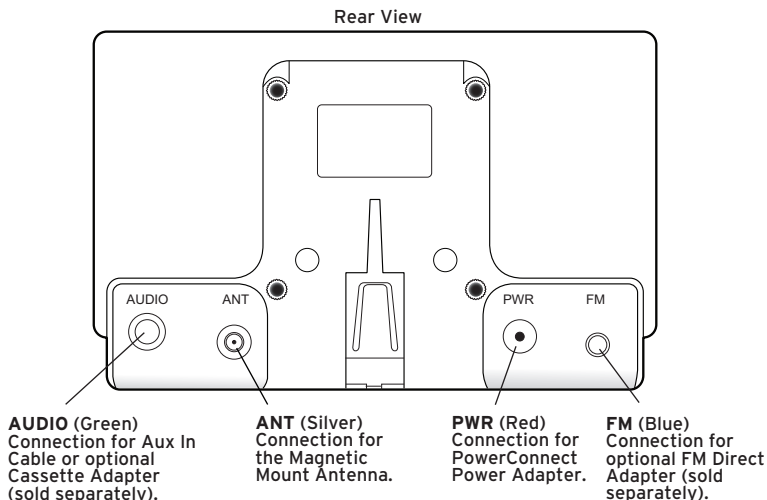


Introduction

PowerConnect Vehicle Dock

Colour-Coded Connections

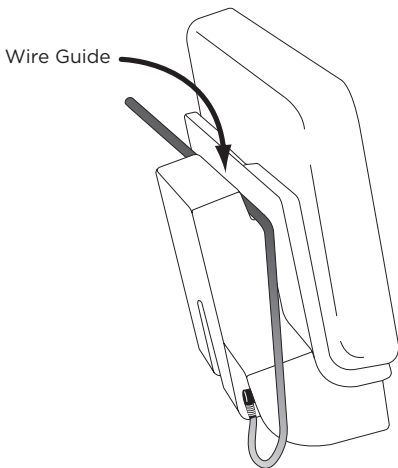
The colour-coded *PowerConnect* Vehicle Dock makes it simple to connect. Just match the colours on the cable ends to the colours on the dock to see what goes where.



Introduction

Wire Guide

The *PowerConnect* Vehicle Dock has a wire guide at the top rear that can help you to organize the cables and wires connected to the dock. If you need to bring a cable or wire from one side of the dock to the other, utilize the wire guide by looping the cable through the wire guide as shown.



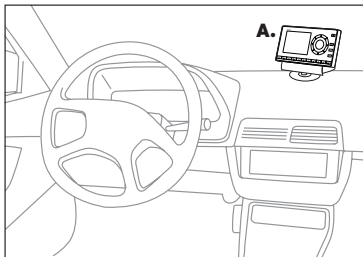
Vehicle Installation

Step 1: Choose a Location for Your Radio

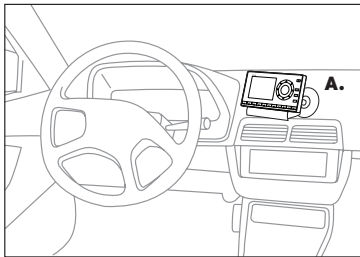
When installing the Onyx EZ in your vehicle, choose a location where it will not block your vision, interfere with the controls, or obstruct the air bag. The location should be easily accessible and provide good visibility of the display, and should not be located where it will be in direct sunlight, which will affect the visibility of the display screen.

Several examples of the Onyx EZ mounted in a vehicle are shown: **A** is the on dash method using the Dash Mount, and **B** is the vent clip method using the Vent Mount.

Option 1

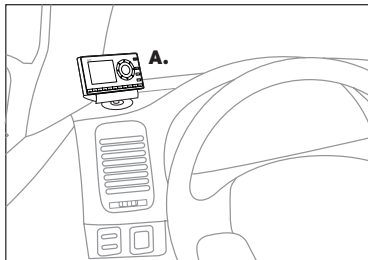


Option 2

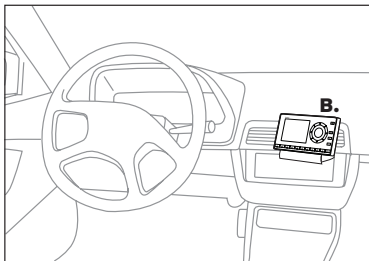


Vehicle Installation

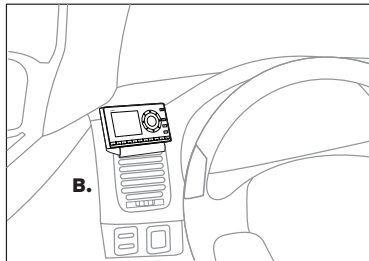
Option 3



Option 4



Option 5



Vehicle Installation

Step 2: Install the Dash or Vent Mount

Follow the instructions on the next several pages for the mounting method you have selected.

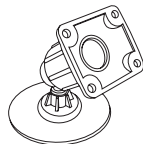


NOTE! The *PowerConnect* Vehicle Dock included with this Vehicle Kit is compatible with the T-slot style Dash and Vent Mounts. If you have an existing Dash Mount or Vent Mount in your vehicle, you can continue to use it with this dock, and skip this step.

Installing the Dash Mount:

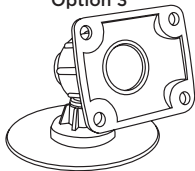


CAUTION! The adhesive used on the Adhesive Mount may be difficult to remove. Do not install this mount on leather surfaces (contact your automobile dealership if you are unsure about your dash surface), and make sure the air temperature is at least 60°F (15°C) during installation. If it's not at least 60°F, turn on the heater in your vehicle to bring the temperature up to 60°F.

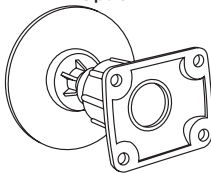


1. Locate a flat surface for the Adhesive Mount. Make sure there is ample room for the *PowerConnect* Vehicle Dock and Radio when installed.
2. Set the orientation of the Adhesive Mount before adhering it. Loosen the knob and adjust the adhesive foot for the location you selected in "Step 1: Choose a Location for Your Radio" on page 10.

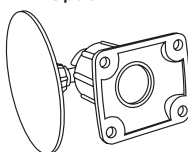
Option 1
Option 3



Option 2



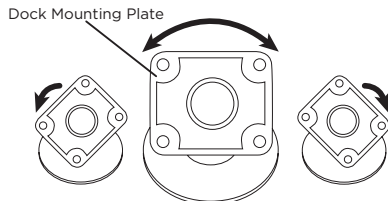
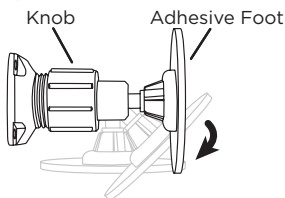
Option 4



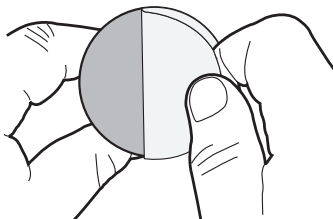
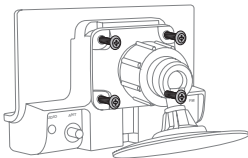
3. The dock mounting plate can be tilted in different directions. Adjust as

Vehicle Installation

necessary for your particular vehicle. When the orientation is correct, tighten the knob.



4. Attach the Adhesive Mount to the *PowerConnect* Vehicle Dock using the 4 provided screws.
5. Before you attach the Adhesive Mount to the dash, skip ahead and finish the remainder of the vehicle installation so that the cables are attached to the dock.
6. Once the cables have been attached to the dock, clean the mounting surface in the vehicle with the alcohol preparation pad and let it dry thoroughly.
7. Peel off the adhesive liner. Position, press, and hold the Adhesive Mount in place for 30 seconds.



IMPORTANT! Allow the Adhesive Mount adhesive to cure (dry) for a minimum of 2-4 hours before using the mount. The best adhesion occurs after 24 hours.



TIP! To remove the Adhesive Mount, 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.

Vehicle Installation

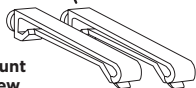
Installing the Vent Mount:



IMPORTANT! To make the cable connections easier, wait until after you have connected all the cables to the dock before you attach the Vent Mount to a vent.

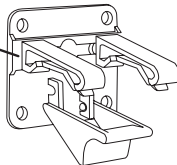
1. Locate a vent with horizontal louvers sturdy enough to hold your *PowerConnect Vehicle Dock and Radio*.
2. If the vent louvers in your vehicle are recessed, you may need to use the longer vent clamps with the Vent Mount. If so, remove the shorter vent clamps and install the longer ones into the Vent Mount. Be sure to observe the orientation of the vent clamps as shown, and replace both vent clamps.

Extended Vent Clamps



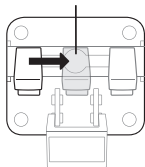
Vent Mount
Rear View

Short Vent
Clamps

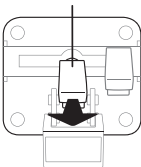


Vent Mount Rear View

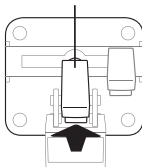
Slide Left Clamp to
Hole in Center



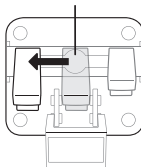
Pull Clamp Out
Towards You



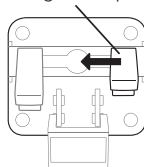
Insert Round End
of the Extended
Clamp in the
Center Hole



Slide Clamp to Left
to Complete
Installation



Repeat to Replace
Right Clamp



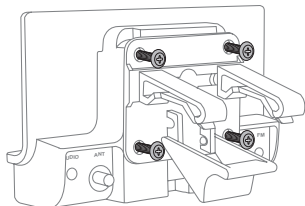
Round End →  ← Orientation

Vehicle Installation

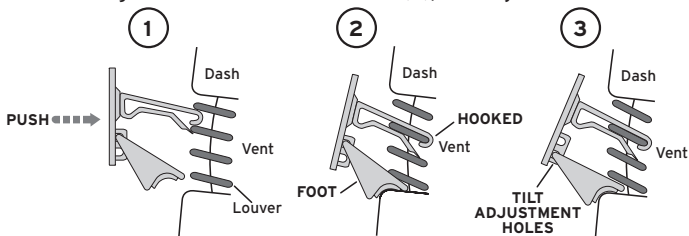
3. Attach the Vent Mount to the *PowerConnect* Vehicle Dock using the 4 provided screws.
4. Before you attach the Vent Mount to the vent, skip ahead and finish the remainder of the vehicle installation so that the cables are attached to the dock.



Note! For greater clarity, the next illustration does not show the dock attached to the Vent Mount, however, the dock should be attached before continuing.



5. Once the cables have been attached to the dock, push the Vent Mount onto the vehicle vent as shown (1) until it hooks on the rear of the vent louver (2).
6. Rest the foot against the bottom of the vent (2), and adjust the tilt of the Vent



Mount by repositioning the foot to the other adjustment hole (3).



TIP! To remove the Vent Mount, push the mount into the vent. Then lift up until disengaged from the rear of the vent louver, and remove the Vent Mount.

Vehicle Installation

Step 3: Mount the Magnetic Mount Antenna

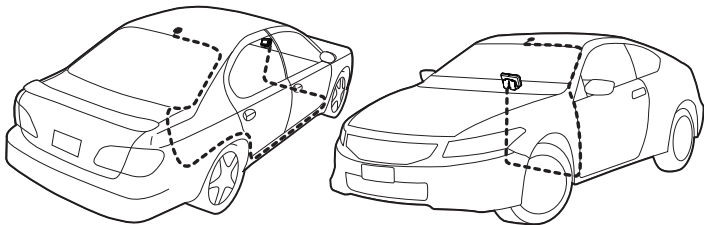
The Magnetic Mount Antenna contains a strong magnet which will stick to any metal part of your vehicle, but will not damage the vehicle.

To install the Magnetic Mount Antenna:

1. Choose the best location for your antenna considering your vehicle type. Pay particular attention to any accessories that you may have like luggage racks and how frequently you may use them.



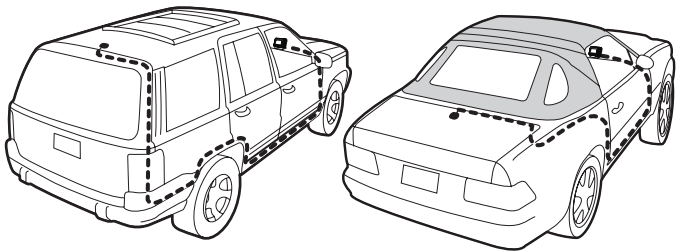
Sedan/Coupe: We recommend mounting the antenna just above either the front windshield or the back window as shown.



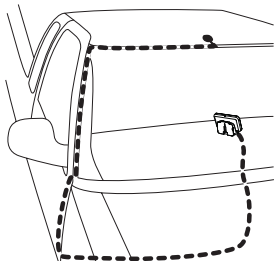
Vehicle Installation

SUV: We recommend mounting the antenna at the rear of the roof as shown.

Convertible: We recommend mounting the antenna at the leading edge of the trunk as shown.

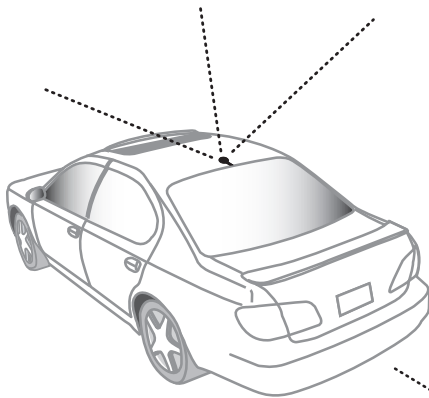


2. Clean the surface of the selected mounting location using the alcohol preparation pad and let it dry thoroughly.

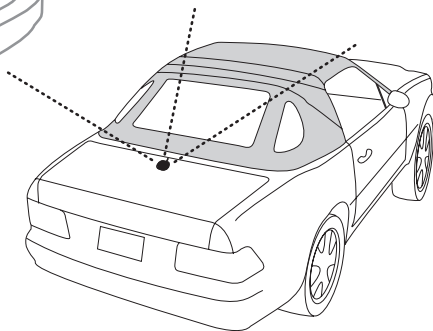


Vehicle Installation

3. Place the antenna in the location you selected. Follow the Tips and Cautions shown on the next several pages.



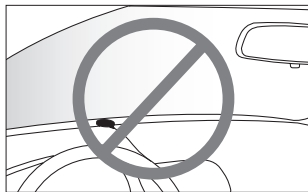
TIP! Mount the antenna on the roof (for most vehicles) or trunk (for convertibles) where it has a clear view of the sky in all directions.



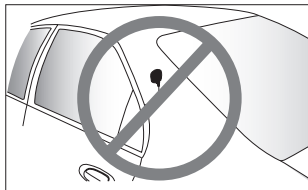
Vehicle Installation



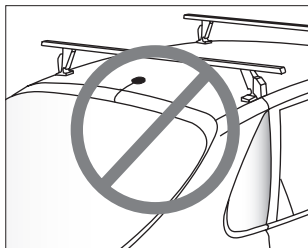
CAUTION! Don't mount the antenna inside the vehicle, for example, on the dashboard.



CAUTION! Don't mount the antenna on any of the vehicle's front, back or side pillars.



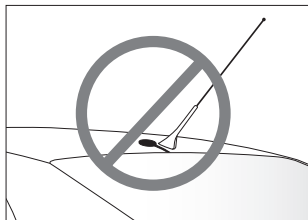
CAUTION! Don't mount the antenna close to a roof rack. Adjust the rack so it's further away from the antenna or move the antenna closer to the center of the roof.



Vehicle Installation



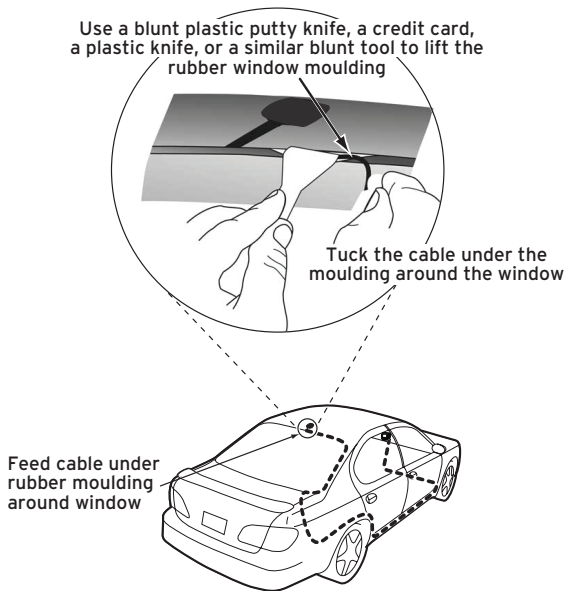
CAUTION! Don't mount the antenna close to another antenna. Mount it at least 7.5 cm (3 inches) away.



Vehicle Installation

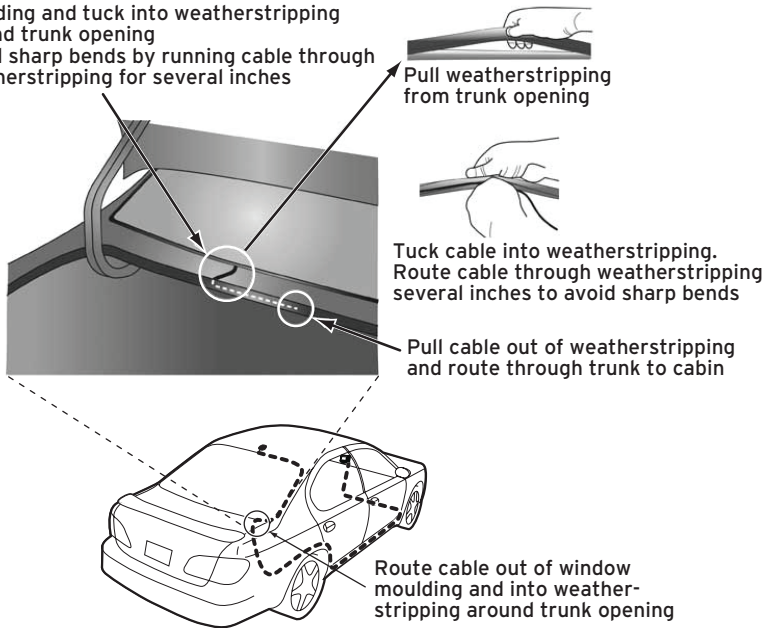
Step 4: Route the Magnetic Mount Antenna Cable

Before you begin routing the antenna cable, read these general instructions for how to route and hide the antenna cable. Then route your antenna cable according to the instructions which follow for your specific type of vehicle.



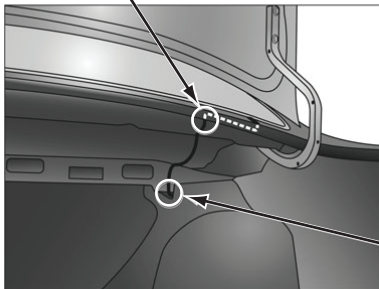
Vehicle Installation

Route cable out from under rear windshield moulding and tuck into weatherstripping around trunk opening
Avoid sharp bends by running cable through weatherstripping for several inches

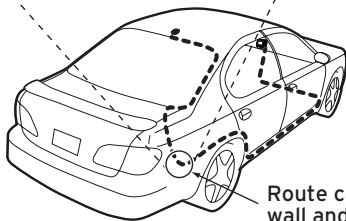


Vehicle Installation

Bring cable out of weatherstripping and into trunk

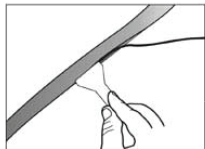


Route cable along trunk wall and into cabin through gap or conduit, along existing wiring harness

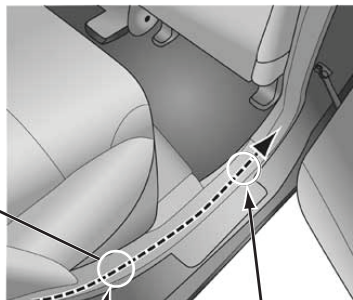


Route cable along trunk wall and into cabin

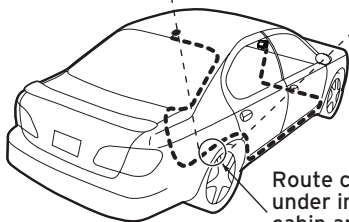
Vehicle Installation



Use a blunt plastic putty knife or similar blunt tool to lift edge of interior trim and tuck cable under trim. Continue towards front of vehicle



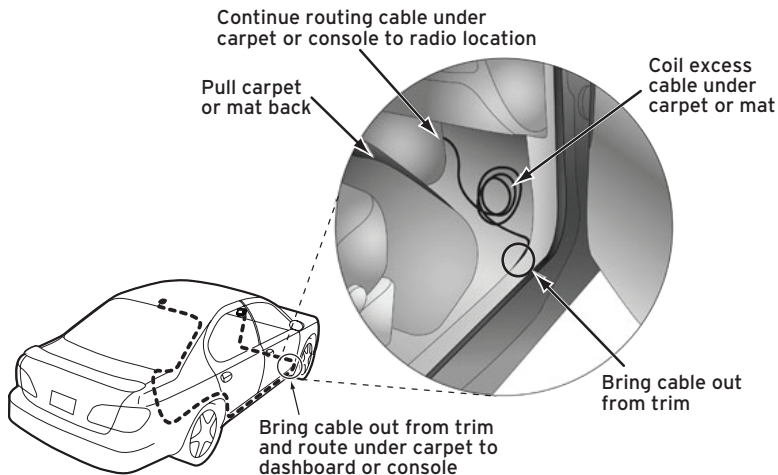
Route cable under trim or upholstery



Route cable from trunk under interior trim, into cabin and towards front of vehicle

Continue routing cable under trim or carpet towards front of vehicle

Vehicle Installation

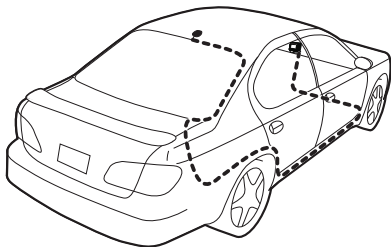


TIP! Always be careful to include enough slack in your cable to accommodate open doors or trunk lids. Use things typically found around the home, like electrical tape, to secure cables in areas so that hinges do not pinch the cable with the door. Hide any excess cable in the trim.

Vehicle Installation

Sedan/Coupe With Antenna Placed at the Rear of the Roof:

1. Feed the antenna cable from the antenna underneath the rubber molding around the rear window. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the rear window and tuck the antenna cable underneath the molding. Route the antenna cable around and down the window to the lowest point. If your rear window does not have rubber molding, we recommend consulting a professional installer.
2. Route the antenna cable out of the window molding and into the rubber weather stripping around the trunk opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. To avoid sharp bends in the cable, run the cable inside the weather stripping for a few inches, then remove the cable from the weather stripping inside the trunk. Keep the cable away from hinges, gears, etc., that could damage it.
3. Route the cable out from the rubber weather stripping and along the trunk wall. Continue routing the cable into the vehicle cabin through a conduit or along an existing wiring harness.
4. Route the cable through the main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with “SRS” logos. Be careful not to crimp or cut the cable.



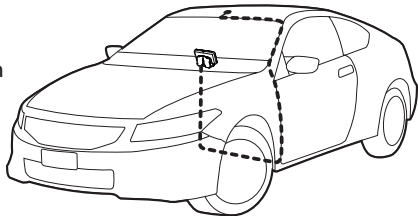
Vehicle Installation

- 5.** Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties (purchased separately).
- 6.** Bring the end of the cable out at the *PowerConnect* Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
- 7.** Continue with “Step 5: Connect the Magnetic Mount Antenna and *PowerConnect* Power Adapter” on page 32.

Vehicle Installation

Sedan/Coupe With Antenna Placed at the Front of the Roof:

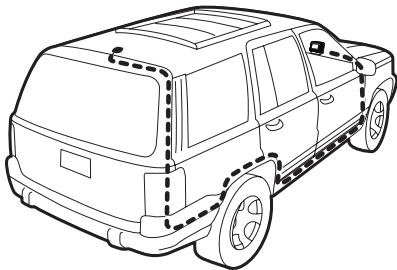
1. Feed the antenna cable from the antenna underneath the rubber molding around the windshield. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath the molding. Route the antenna cable around and down the windshield to the lowest point.
2. At the lowest corner of the windshield, route the cable out of the windshield molding and into the rubber weather stripping around the door opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Run the cable inside of the weather stripping to the bottom of the door opening.
3. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the dashboard. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties.
4. Bring the end of the cable out at the *PowerConnect Vehicle Dock* location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
5. Continue with "Step 5: Connect the Magnetic Mount Antenna and PowerConnect Power Adapter" on page 32.



Vehicle Installation

SUV:

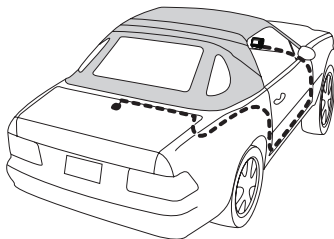
1. Feed the antenna cable underneath the rubber weather stripping of the rear tailgate window/door and route the cable along the rear hatch. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Pull the cable out from weather stripping and route it into the cabin under the interior trim. Avoid hinges or gears that could crimp or cut the cable.
2. Route the cable through the SUV's main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.
3. Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties (purchased separately).
4. Bring the end of the cable out at the PowerConnect Vehicle Dock location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
5. Continue with "Step 5: Connect the Magnetic Mount Antenna and PowerConnect Power Adapter" on page 32.



Vehicle Installation

Convertible:

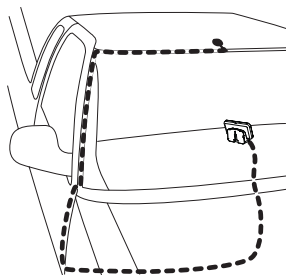
1. Bring the antenna cable from the antenna into the trunk at the front edge of the trunk lid. Keep any bends in the cable loose. Tape or tie the cable along the inside of the trunk lid to the trunk lid hinge strut.
2. Allow enough slack in the cable so the trunk lid can easily open and close and keep the cable away from hinges, gears, etc., that could crimp or cut it. Route the cable along the trunk wall and into the cabin through a conduit or along an existing wiring harness.
3. Route the cable through the main cabin area under the interior trim, towards the front of the vehicle. Use a blunt plastic putty knife or similar blunt tool to lift the plastic trim just enough to tuck the cable under underneath. Avoid side airbag locations on back pillars and above the doors. Airbag locations are marked with "SRS" logos. Be careful not to crimp or cut the cable.
4. Bring the cable out from the trim near the front of the cabin and route it under the carpet toward the dashboard or console. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties (purchased separately).
5. Bring the end of the cable out at the *PowerConnect Vehicle Dock* location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
6. Continue with "Step 5: Connect the Magnetic Mount Antenna and PowerConnect Power Adapter" on page 32.



Vehicle Installation

Pickup Truck:

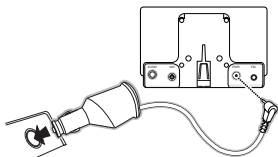
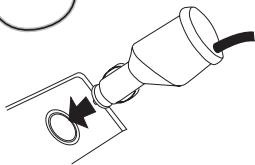
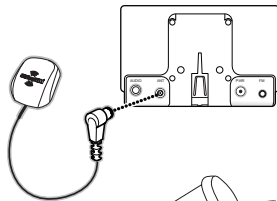
1. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath it.
2. Continue tucking the cable underneath the windshield molding around the windshield to the lowest corner.
3. At the lowest corner of the windshield, route the cable out of the windshield molding and into the rubber weather stripping around the door opening. Lift the weather stripping from the opening and tuck the cable inside it, then replace the weather stripping. Run the cable inside of the weather stripping to the bottom of the door opening.
4. Pull the cable out of the weather stripping at the bottom of the door opening and route it under the carpet toward the dashboard. Coil any excess cable in a hidden location, such as under the carpet, keeping it away from any vehicle pedals or controls. Secure the excess cable with wire ties.
5. Bring the end of the cable out at the *PowerConnect Vehicle Dock* location. Leave yourself enough cable so you can easily connect it to the antenna connector of the dock.
6. Continue with "Step 5: Connect the Magnetic Mount Antenna and PowerConnect Power Adapter" on page 32.



Vehicle Installation

Step 5: Connect the Magnetic Mount Antenna and *PowerConnect* Power Adapter

1. Plug the Magnetic Mount Antenna into the **silver ANT** connector on the *PowerConnect* Vehicle Dock.
2. Insert the *PowerConnect* Power Adapter into your vehicle's cigarette lighter or power adapter socket.
3. Plug the *PowerConnect* Power Adapter into the **red PWR** connector on the dock.



Vehicle Installation

Step 6: Connect the Audio

To play audio through your vehicle's stereo or FM radio, decide on one of the following audio connection options:

- **Option 1: Best:** Use the **Aux In Cable** if your vehicle's stereo system has an auxiliary input connection. Refer to your vehicle's owners manual to find the location of the auxiliary input jack, or consult the vehicle dealer.



TIP! The auxiliary input jack may be located on the face plate of the vehicle radio, on the back of the radio, anywhere on the front dash panel, inside the glove compartment, or inside the center console in between the front seats.

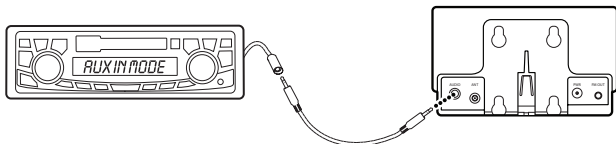
- **Option 2: Better:** Use a **Cassette Adapter** if your vehicle has a built-in cassette player. Cassette Adapters are sold separately and can be purchased from an electronics retailer, or go to shop.siriusxm.ca.
- **Option 3: Good:** Use the **PowerConnect** feature in the Onyx EZ. *PowerConnect* plays the audio through your vehicle's FM radio.
- **Option 4: Best:** Use the **FM Direct Adapter**. If none of the previous three audio connection options will work in your vehicle, then you will need to use the FM Direct Adapter (FMDA) (sold separately). The FMDA needs to be installed by a professional installer and directly connects the Onyx EZ to your vehicle's FM radio. To learn more, check with the retailer where you bought your Radio, or go to shop.siriusxm.ca.

Follow the installation instructions in the next several sections for the audio connection option that you have selected.

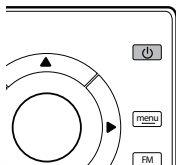
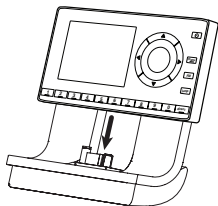
Vehicle Installation

Option 1: Aux In Cable Installation Instructions

1. Plug one end of the Aux In Cable into the **green AUDIO** connector on the dock.



2. Plug the other end into the auxiliary input jack connection of your vehicle's stereo system.
3. Insert your Onyx EZ into the dock.
4. Power on your Onyx EZ by pressing the **Power button**.
5. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the signal. There should at least be one bar on the lower left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press ▼ to scroll to and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.



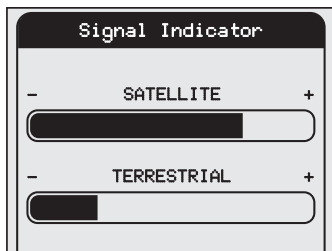
6. Ensure Onyx EZ is tuned to channel 1. Upon power up, Onyx EZ should tune

Vehicle Installation

to channel 1 by default, when it's not yet activated. If it's not on channel 1, refer to "Listening to Satellite Radio" on page 47 to learn about how to tune a channel.

- 7.** Turn on your vehicle's stereo system. Set it to play input from the auxiliary input source.
- 8.** You should hear XM channel 1 through your vehicle's stereo system. You are now ready to activate your Onyx EZ.
- 9.** Go back to "Step 2: Install the Dash or Vent Mount" on page 12 and finish installing the Dash or Vent Mount. Then the installation is complete.
- 10.** The audio level output of the Onyx EZ can be increased or decreased as necessary to match the audio levels of other sources in your vehicle. Refer to "Set Audio Level" on page 65.

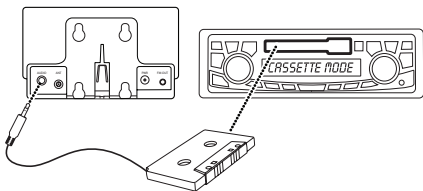
If the signal reception is good, but there is no audio when tuned to channel 1, be sure the vehicle's stereo system is set to the correct source, i.e., auxiliary input source (step 7). Also be sure that the audio level is set high enough to be heard (step 10). Refer to "Troubleshooting" on page 75 for additional help.



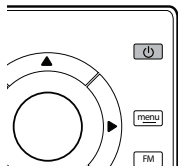
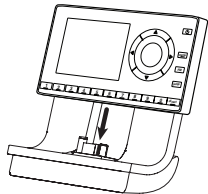
Vehicle Installation

Option 2: Cassette Adapter Installation Instructions

1. Plug the Cassette Adapter into the **green AUDIO** connector on the dock.
2. Insert the Cassette Adapter into the vehicle's cassette deck. You may need to turn on your vehicle's stereo system in order to do so.



3. Insert your Onyx EZ into the dock.
4. Power on your Onyx EZ by pressing the **Power button**.
5. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the XM signal. There should at least be one bar on the lower left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press ▼ to scroll to and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen.
6. Ensure Onyx EZ is tuned to channel 1. Upon power up, Onyx EZ should tune to channel 1 by default, when it's not yet activated. If it's not on channel 1,

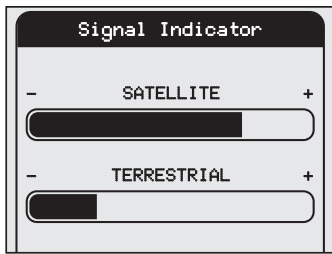


Vehicle Installation

refer to “Listening to Satellite Radio” on page 47 to learn about how to tune a channel.

- 7.** If you haven’t done so, turn on your vehicle’s stereo system. Set it to play input from the cassette source.
- 8.** You should hear XM channel 1 through your vehicle’s stereo system. You are now ready to activate your Onyx EZ.
- 9.** Go back to “Step 2: Install the Dash or Vent Mount” on page 12 and finish installing the Dash or Vent Mount. Then the installation is complete.
- 10.** The audio level output of the Onyx EZ can be increased or decreased as necessary to match the audio levels of other sources in your vehicle. Refer to “Set Audio Level” on page 65.

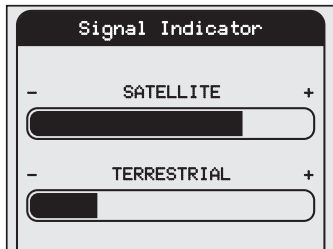
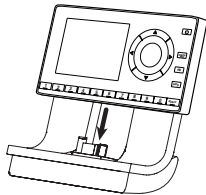
If the signal reception is good, but there is no audio when tuned to channel 1, be sure the vehicle’s stereo system is set to the correct source, i.e., cassette source (step 7). Also be sure that the audio level is set high enough to be heard (step 10). Refer to “Troubleshooting” on page 75 for additional help.



Vehicle Installation

Option 3: *PowerConnect* Installation Instructions

1. Insert your Onyx EZ into the dock.
2. Power on your Onyx EZ by pressing the **Power button**.
3. Be sure the vehicle is outside and the antenna has a clear view of the sky. Verify that you are receiving the XM signal. There should at least be one bar on the lower left corner of the main display screen that denotes antenna signal strength. You can also press **menu** and then press ▼ to scroll to and highlight **Signal Indicator**. Press the **Select button**. The Satellite and Terrestrial bars show the strength of the signal being received. If the signal reception is good, press and hold **menu** to return to the main display screen. You are ready to make the audio connection.



4. You'll first need to find an available FM channel. An available FM channel is one that's not being used by an FM radio station in your area. When you tune your FM radio to an available channel, you should only hear static or silence - not talk or music. To find an available FM channel:
 - Manually tune through your local FM channels on your vehicle's FM radio. Locate and create a list of channels that aren't being used by any FM radio station. Write down the list. Once you have created your list of available FM channels, you will need to find the one that provides the best match for Onyx EZ.



TIP! You'll need to use the 'Manual' tune function on your vehicle's FM radio to

Vehicle Installation

tune through every FM channel one-by-one. Turn on your vehicle's FM radio. Start at 88.1 and use the 'Manual' tune function on your vehicle's FM radio to tune through each FM channel one-by-one (88.1 followed by 88.3 etc.) to locate channels that aren't being used by a local FM radio station. Write down each FM channel that has only static or silence on it, until you reach 107.9.

6. Ensure Onyx EZ is tuned to channel 1. Upon power up, Onyx EZ should tune to channel 1 by default, when it's not yet activated. If it's not on channel 1, refer to "Listening to Satellite Radio" on page 47 to learn about how to tune a channel.
7. Pick the first FM channel on your list from step 5. Turn on your vehicle's FM radio (if you have not already done so) and tune it to this FM channel.



NOTE! If you are using the Vehicle Dock from the Universal Xpress Car Kit instead of the *PowerConnect* Vehicle Dock which came with your Onyx EZ, you will have to disable AUX Detect. Refer to "Using the Vehicle Dock From the Universal Xpress Car Kit" on page 72, and complete the additional instructions before continuing with the next step.



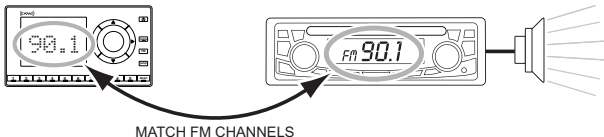
8. Set your Onyx EZ to transmit on the same FM channel that you have selected in step 7:
 - i. Press **menu**.
 - ii. Press ▼ to scroll to and highlight **FM Settings** and press the **Select** button.
 - iii. **FM Channels** will be highlighted. If it is not highlighted, turn on the FM transmitter by highlighting **FM transmitter** and pressing **Select**.
 - iv. Once the FM Transmitter is **On**, select **FM Channels** and press ▼ to scroll to and highlight the storage location

FM Channels		
FM 1	97.9	current
FM 2	---	
FM 3	---	
FM 4	---	
FM 5	---	

Vehicle Installation

FM2 and press the **Select** button.

- v. Tune to the available FM channel you found in step 7. Press ◀ and ▶ to tune in steps of .2, i.e., 99.3 to 99.5. Press ▼ and ▲ to tune in steps of 1, i.e., 99.3 to 100.3. Press the **Select** button to select the FM channel.
- vi. **Start Using** is highlighted. Press the **Select** button.
- vii. The FM channel you selected will be confirmed on the display screen. The Onyx EZ will tune to the FM channel.



- 9. You should hear XM channel 1 through your vehicle's stereo system. You are now ready to activate your Onyx EZ.
- 10. Go back to "Step 2: Install the Dash or Vent Mount" on page 12 and finish installing the Dash or Vent Mount. Then the installation is complete.
- 11. If the selected FM channel doesn't work well for you, work down the list of FM channels until you find one that allows you to hear XM clearly. Each time, you will need to tune your vehicle's FM radio to the FM channel and then set your Onyx EZ to transmit on the same FM channel (steps 7 & 8).

If the signal reception is good, but there is no XM audio when tuned to channel 1, verify that both the Onyx EZ and your vehicle's FM radio are tuned to the

Vehicle Installation

same FM channel (steps 7 & 8). Also ensure the chosen FM channel is a suitable one to use in your area (step 5). Verify that nothing is plugged into the **AUDIO** connector on the *PowerConnect* Vehicle Dock. Refer to “Troubleshooting” on page 75 for additional help.

Option 4: FM Direct Adapter (FMDA) Installation

The FMDA needs to be installed by a professional installer. Professional installation can help improve your 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 siriusxm.ca.

Activation

You can follow either the general activation and subscription process or use the on-board activation guide to activate your Onyx EZ and subscribe to the XM service.

General activation and subscription process:

1. Make sure your Onyx EZ is properly installed and receiving the XM signal so that you can hear the audio on channel 1.
2. Make a note of your XM Radio ID. You can find it on channel 0, on a label on the bottom of the gift box, and on the label on the back of your Onyx EZ.



NOTE! The XM Radio ID does not use the letters I, O, S, or F.

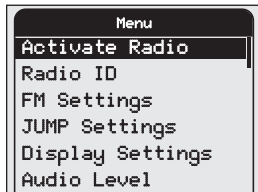
3. Activate your service:
 - Online: Go to **siriusxm.ca/activate** and select "Activate your XM Radio"
OR
 - By phone: Call 1-888-539-7474
4. When your service is activated, your Onyx EZ will receive all channels to which you have subscribed. At this time, if you press **▲** or **▼**, you can scroll and tune other channels. Activation usually takes 10 to 15 minutes, but may take up to an hour. We recommend that your radio remain on until activated.

Activation

Activation guide:

For your convenience, Onyx EZ has an on-board activation guide. You can activate your radio and subscribe to the XM service by using this guide, where you will be guided step-by-step through the subscription process. To access and use the guide, simply follow these steps:

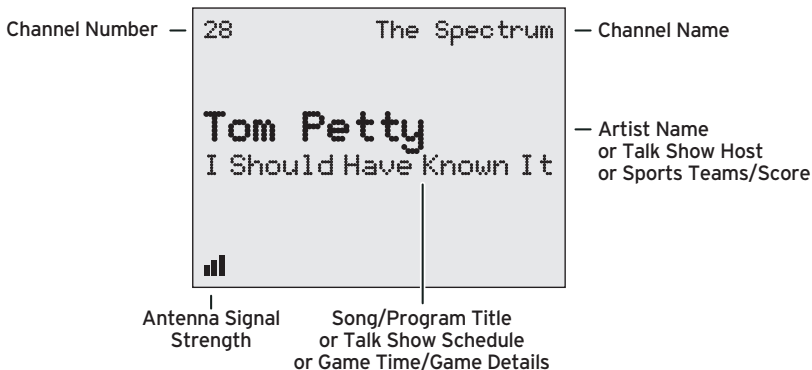
1. Turn Onyx EZ on and press the **menu button**.
2. **Activate Radio** will be highlighted. Press the **Select button**.
3. Follow the directions on each successive screen until you complete the subscription process.



Using Your Onyx EZ

The Main Display

When listening to a channel, information about the channel is displayed.



Using Your Onyx EZ

Navigation Basics

Power Button



Pressing the **Power button** turns the Onyx EZ On or Off.

Navigation Buttons



Use the **Left**, **Right**, **Up**, and **Down** buttons to navigate through various features and functions of Onyx EZ.

- **Left ◀ or Right ▶ button:** Displays the channel categories such as Rock, Pop, Sports, Talk/New etc. Repeated presses cycle through the categories one at a time. Decreases or increases the settings of various menu options such as Brightness, Audio Level, etc.
- **Up ▲ or Down ▼ button (press and release):** Immediately tunes to the next or previous channel in the channel lineup. Scrolls through lists and highlights an item in the list.
- **Up ▲ or Down ▼ button (press and hold):** Continuously scrolls through any list. While on the main display screen, continuously scrolls through the channel lineup and briefly displays the information of each channel. When the button is released, radio tunes to the last channel it had scrolled to in the channel lineup.

Select Button



The **Select button** selects a highlighted item in a list and confirms settings.

Using Your Onyx EZ

Menu Button



Pressing **menu** displays various options to make setup and feature changes. Pressing **menu** when in menu options returns to the previous menu option screen until menu options is exited. Pressing and holding **menu** returns to the main display screen in most instances.

FM Button



Provides easy tuning of FM presets for optimized *PowerConnect* performance. Repeatedly pressing **FM** displays and cycles through the list of preset FM channels one at a time. The radio automatically tunes to the displayed FM channel. Pressing and holding **FM** accesses the FM Settings menu. It is not available when Aux In Cable or Cassette Adapter is used for audio connection.

Jump Button



Pressing the **jump** button will allow you to tune to the previous channel that was being played.

Direct Button



Pressing **direct** prompts for the entry of a channel number using the number buttons. Once the channel number is entered, the radio directly tunes to the new channel.

Number Buttons



Each number button stores a favourite channel in its button location and provides one touch access to it afterward. Number buttons also directly tune to a channel when the channel number is entered after pressing **direct**.

Using Your Onyx EZ

Listening to Satellite Radio

Tune a channel:

1. Press and release ▲ and ▼ to immediately tune to the next or previous channel.
2. Press and hold ▲ and ▼ to quickly scroll through the channels. Release to tune to the channel that is displayed.

View a category:

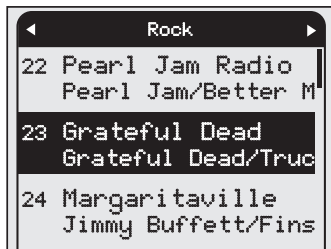
Channels are organized into categories to make it easier for you to find the ones that suit your taste.

To view a category press ◀ or ▶.

1. Scroll through the category using ▲ and ▼, and find the channel you want.
2. Press the **Select button** to select the channel, or press ◀ or ▶ for the previous or next category.



TIP! To briefly listen to each channel in the category, scroll to and highlight Scan at the end of the category list and press the **Select button**. Refer to “Scanning Channels in a Category” on page 51 to learn more about Scan.

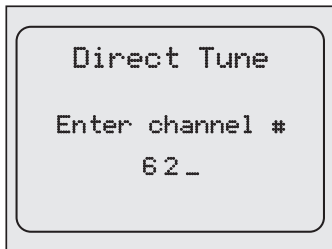


Using Your Onyx EZ

Direct Tune

A channel can be tuned directly by entering the channel number using the number buttons.

1. To directly tune a channel press **direct**.



2. Use the number buttons **0-9** to enter the channel number and wait a moment until the channel is tuned, or press the **Select button** to immediately tune to the channel.

Using Your Onyx EZ

Jump

Pressing the jump button tunes the channel to which you were previously listening.

Return to Main Display Screen

Pressing and holding **menu** in most instances will return you to the main display screen. In some cases, you may need to follow the instructions on the display screen.

Using Your Onyx EZ

Favourite Channels

You can set up to 10 of your favourite channels so you can easily access them. Each favourite channel can be assigned to a number button.


To assign a favourite channel to a number button:

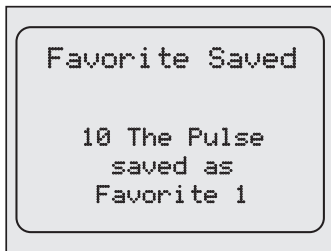
1. Tune to the desired channel.
2. Press and hold the number button **0-9** you want to assign to that favourite channel.

To listen to a favourite channel:

1. Press the number button **0-9** that was assigned to the desired favourite channel.



TIP! When you are at the main display screen, press  to see your list of favourite channels. Scroll to highlight a favourite and press the **Select button** to listen to that channel.



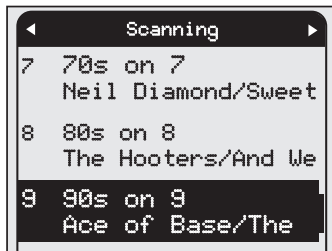
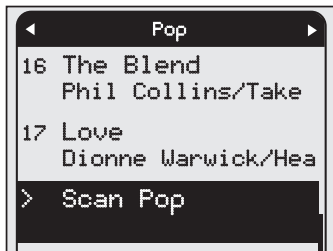
Using Your Onyx EZ

Scanning Channels in a Category

You can scan a category and listen to each channel for 10 seconds before the next channel is automatically tuned. If you want to stay tuned to the channel being played and stop the scan, just press the **Select button**.

To scan a category:

1. Press ◀ or ▶ until the desired category is displayed.
2. Scroll down to highlight the last item in the category which will be **Scan** and the category name.
3. Press the **Select button**. The scan will begin.
4. Press the **Select button** to stop the scan, and continue to listen to the channel currently being played, or press ▼ or ▲ to return to the channel you were listening to before you began the scan.



Using Your Onyx EZ

FM Presets

FM presets make it easy to quickly access stored FM channels and choose a new FM channel from them.

Use FM presets when you use *PowerConnect* to listen to your Onyx EZ through your vehicle's FM radio. (Refer to "Option 3: PowerConnect Installation Instructions" on page 38 for more information.)

To start using a different FM preset:

1. Press **FM** to display the current FM preset.
2. To display and select the next FM preset, press **FM**. The radio will tune to the displayed FM channel. If the preset is the one you want, press **menu** or wait for the screen to timeout.
3. Repeatedly pressing **FM** will cycle through the FM presets.
4. Set your vehicle's FM radio to the same FM channel.



IMPORTANT! You need to ensure that your vehicle's FM radio is tuned to the same FM channel.




TIP! To configure the list of preset FM channels, you need to find available FM channels in your area. Refer to "Find Available FM Channels in Your Area" on page 59. Next, refer to "Set and Select an FM Channel" on page 61.




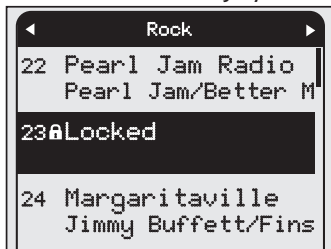
Special Features

Parental Controls

Your Onyx EZ has a parental control feature which will allow you to lock access to channels, or lock access to an entire category. A 4-digit code controls access to the locked channel or locked category.

When you browse a category, the locked channel number or locked category will be shown but not the artist and song/show information. Instead, a lock icon  and the word "Locked" is shown. If you scroll through the channels using ▼ and ▲, the locked channels are skipped and not displayed.

If you attempt to tune to a locked channel, either by using direct tune or through the category list, you'll be prompted to enter your 4-digit code. When the correct code is entered, you'll be able to tune to and listen to the channel. All locked channels become unlocked and will remain unlocked until you turn the Onyx EZ Off, and back On. In the category list, the previously locked channels will show an unlocked icon .



To turn Parental Controls On (or Off):

1. Press **menu**.
2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.
 - If this is the first time you want to turn on Parental Controls, **Parental Controls** will be highlighted. Press the **Select button**. You will be prompted to select a 4-digit code:
 - i. For each digit, press one of the 0-9 keys and then press ► to advance to

Special Features

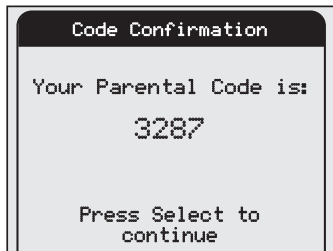
the next digit. (Press ◀ if you need to go back and edit a previous digit.)

- ii. When you have selected all 4 digits of your code press the **Select button**.
- iii. The Code Confirmation screen will be displayed. For your records, write down the code you have selected. Press the **Select button**. Continue with step 3.
- If you had previously selected a 4-digit code you will be prompted to enter your code:
 - i. For each digit, press one of the 0-9 keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)
 - ii. When you have selected all 4 digits of the code press the **Select button**.
3. At the "Parental Controls" screen, **Parental Controls** will be highlighted. Press the **Select button** to turn parental control On (or press the **Select button** to turn parental control Off).

4. Press and hold **menu** to return to the main display screen.

To lock (or unlock) channels or categories:

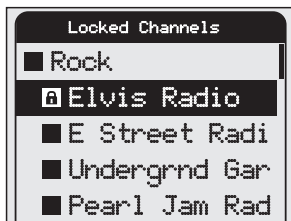
1. Press **menu**.
2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.



Special Features

3. You will be prompted to enter the 4-digit code. For each digit, press one of the 0-9 keys and then press **▶** to advance to the next digit. (Press **◀** if you need to go back and edit a previous digit.)
4. When you have entered all 4 digits of the code press the **Select button**.
5. If **Parental Controls** is shown as Off, press the **Select button** to turn it On, otherwise continue with the next step.
6. At the "Parental Controls" screen, Press **▼** to scroll to and highlight **Locked Channels**. Press the **Select button**.
7. A list of all the categories and the channels in each category will be displayed. Press **▼** and **▲** to scroll to and highlight a channel or category you want to lock. Press the **Select button**. A lock icon **🔒** will be displayed to the left of the channel or category you locked. (To unlock a locked channel or category, simply highlight the locked channel or category and press the **Select button**. The lock icon will disappear indicating the channel or category is unlocked.)
8. You can continue to lock and unlock as many channels or categories as you wish. When you are finished press and hold **menu** to return to the main display screen.

Locked Channels



Locked Categories



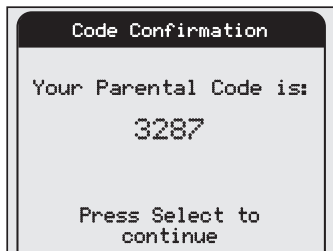
Special Features

To change your code:

1. Press **menu**.
2. Press ▼ to scroll to and highlight **Parental Controls**. Press the **Select button**.
3. You will be prompted to enter your existing 4-digit code. For each digit, press one of the **0-9** keys and then press ► to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)
4. When you have entered all 4 digits of the code press the **Select button**.
5. If **Parental Controls** are shown as Off, press the **Select button** to turn it On, otherwise continue with the next step.
6. At the "Parental Controls" screen, Press ▼ to scroll to and highlight **Change My Code**. Press the **Select button**.
7. You will be prompted to enter a new 4-digit code. For each digit, press one of the **0-9** keys and then press ► to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)
8. The Code Confirmation screen will be displayed. For your records, write down the code you have selected. Press the **Select button**.
9. Press and hold **menu** to return to the main display screen.

To listen to a locked channel:

There are two ways to tune to a channel which has been locked. The first is by directly tuning the locked channel, and the second is to select



Special Features


the locked channel from a category list.

1. Directly tune or select the locked channel:

To directly tune a locked channel:

- i. Press **direct** and enter the channel number using the **0-9** keys.

To select a locked channel from the category list:

- i. Press ◀ or ▶ to display the category list of the locked channel you wish to tune.
- ii. Press ▼ to scroll to and highlight the locked channel. Press the **Select button**.
- 2.** You will be prompted to enter your existing 4-digit code. For each digit, press one of the **0-9** keys and then press ▶ to advance to the next digit. (Press ◀ if you need to go back and edit a previous digit.)
- 3.** When you have entered all 4 digits of the code press the **Select button**. If your code is correct the channel will be tuned. All locked channels become unlocked and will remain unlocked until you turn the Onyx EZ Off, and back On. In the category list, the previously locked channels will show an unlocked icon .

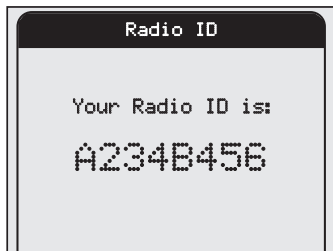
Configuring Your Onyx EZ

Radio ID

Your Onyx EZ has an alphanumeric ID which uniquely identifies the radio. This ID is used during the activation process.

To display the Radio ID:

1. Press **menu**.
2. **Radio ID** will be highlighted. If it is not highlighted, press ▼ to scroll to and highlight **Radio ID**. Press the **Select button**. The Radio ID will be displayed.
3. Press and hold **menu** to return to the main display screen.



Configuring Your Onyx EZ

Find Available FM Channels in Your Area

Before attempting any of the procedures below, you should park your vehicle in a safe location. Do not attempt to set up your FM channels or any Onyx EZ function while driving.

PowerConnect allows you to listen to SiriusXM audio through your vehicle's FM radio. You will first need to find an available FM channel, which is a channel that is not being used by an FM radio station in your area. When you tune your FM radio to an available channel, you should only hear static or silence – not talk or music.

Once you have found an available channel, you need to tune Onyx EZ's built-in transmitter to the same channel to receive XM audio through your vehicle's radio.

To find an available FM channel:

- Manually tune through your local FM channels
- 1.** Manually tune through your local FM channels on your vehicle's FM radio. Turn on your vehicle's FM radio. Start at 88.1 and use the 'Manual' tune function on your vehicle's FM radio to tune through each FM channel one-by-one (88.1 followed by 88.3 etc.) to locate channels that aren't being used by a local FM radio station. Write down each FM channel that has only static or silence on it, until you reach 107.9. Once you have created your list of available FM channels, you will need to find the one that provides the best match for Onyx EZ.
 - 2.** Tune Onyx EZ to a favourite XM channel (or to channel 1, if it's not yet activated). Pick the first FM channel on your list and tune the FM radio to that channel. Then tune the Onyx EZ to the same FM channel. (Refer to "Set and Select an FM Channel" on page 61.) You should hear the XM channel through your vehicle's radio. If you are satisfied with the sound quality, you're

Configuring Your Onyx EZ

done! If this FM channel doesn't work well for you, work down the list until you find an FM channel that allows you to hear XM clearly.



NOTE! You may find an FM channel with static or silence that does not work with Onyx EZ. It is possible that some type of inaudible interference is present that prevents reception of the Onyx EZ broadcast. Your only options are to use another FM channel or a different audio connection method.



TIP! If you regularly drive from one location to another, such as your daily commute, you may need to use different FM channels along your route for best performance. If this is the case, we recommend saving the best FM channels as presets on your FM radio and Onyx EZ. Then you simply select and match the best channel for the area you are in.



TIP! It will be much more difficult to find available FM channels in large cities than in most suburban or rural locations. A direct audio connection using the Aux In Cable, Cassette Adapter or professional installation is your best solution if you drive in or near large metropolitan areas.



NOTE! The performance of FM radios are different, based on manufacturer and vehicle style. Some may not work well with the type of FM transmitter used by Onyx EZ. This is why we recommend a direct audio connection using the Aux In Cable or Cassette Adapter if they can be used in your vehicle. Professional installation can also resolve almost any performance issue.

Configuring Your Onyx EZ

Set and Select an FM Channel

Onyx EZ allows you to easily store (i.e., preset) up to 5 different FM channels. At any time, you can select any one of these 5 FM presets to transmit audio from the Onyx EZ to your vehicle's FM radio. Having a choice of 5 FM presets also makes it easy to switch to the appropriate FM channel as you travel from one area to another. Each FM preset is stored in its own storage location. You can easily add or edit the FM preset in any one of the 5 storage locations.



IMPORTANT! Onyx EZ and the vehicle's FM radio need to be tuned to the same FM channel in order to hear the audio.



TIP! The FM 1 storage location is preset with FM channel 97.9.

To set and select an FM preset:

1. Press **menu**.
2. Press ▼ to scroll to and highlight **FM Settings** and press the **Select** button.
3. **FM Channels** will be highlighted. If it is not highlighted, turn on the FM transmitter by highlighting **FM Transmitter** and pressing **Select**.
4. Once the FM Transmitter is **On**, select **FM Channels** and press ▼ to scroll to and highlight the storage location **FM2** and press the **Select** button. You can choose among the following options:
 - i. If the chosen storage location is empty (denoted by "----"), or if the storage location contains the FM preset currently being used (denoted by "current"), then the FM channel tuning screen is displayed.

FM Channels		
FM 1	97.9	
FM 2	99.3	current
FM 3	100.3	
FM 4	---	
FM 5	---	

Configuring Your Onyx EZ

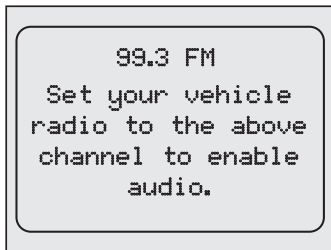
- ii. If the chosen storage location has an FM preset that is not currently being used, and you want to edit it, **Edit Channel** is highlighted. Press the **Select button**. The FM channel tuning screen is displayed.
 - iii. If the chosen storage location has an FM preset that is not currently being used, and you want to start using it, press **▲** to highlight **Start Using** and press the **Select button**. Skip to step 7.
5. Press **◀** and **▶** to tune the desired FM channel in steps of .2, i.e., 99.3 to 99.5. Press **▼** and **▲** to tune the desired channel in steps of 1, i.e., 99.3 to 100.3. Press the **Select button** to select the FM channel.
6. If you are editing the storage location that has the “current” FM preset, skip to step 7. Otherwise, **Start Using** will be highlighted. Press the **Select button**.
7. The chosen FM channel will be confirmed on the display screen and the Onyx EZ will tune to that FM channel.
8. Set your vehicle’s FM radio to same FM channel.



NOTE! You can also preset an FM channel in a storage location without having to start using it right away. Just press menu and exit the screen.



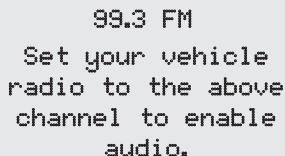
IMPORTANT! You'll first need to find a suitable FM channel that is unused or available in your area.



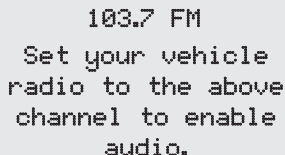
Configuring Your Onyx EZ

To quickly select an FM channel from the preset list:

1. Press **FM** to display the current FM preset.
2. To display and select the next FM preset, press **FM**. The radio will tune to the displayed FM channel. If the preset is the one you want, press **menu** or wait for the screen to timeout.
3. Repeatedly pressing **FM** will cycle through the FM presets.
4. Set your vehicle's FM radio to same FM channel.



99.3 FM
Set your vehicle
radio to the above
channel to enable
audio.



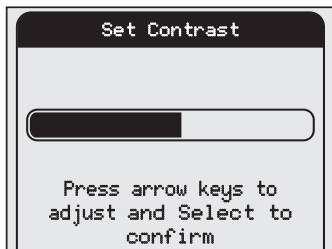
103.7 FM
Set your vehicle
radio to the above
channel to enable
audio.

Configuring Your Onyx EZ

Set Brightness or Contrast

To change the display's brightness or contrast:

1. Press **menu**.
2. Press ▼ to scroll to and highlight **Display Settings** and press the **Select** button.
3. Press the **Select** button to change the brightness, or press ▼ to scroll to and highlight **Contrast** and press the **Select** button.
4. Press ◀ to decrease or ▶ to increase the brightness or contrast of the display.
5. Press the **Select** button to confirm the brightness or contrast setting.
6. Press and hold **menu** to return to the main display screen.



Configuring Your Onyx EZ

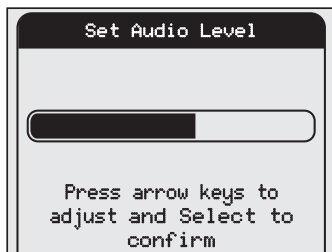
Set Audio Level

The audio level of the Onyx EZ can be adjusted when an audio connection is made between the dock and the vehicle's stereo system. Audio level is used to adjust the Onyx EZ's volume level to match the volume of other audio sources you may use, such as a CD player, other FM stations, or an MP3 player.

Do not use the audio level as a volume control. Use the volume control on your vehicle's stereo instead.

To adjust the audio level:

1. Press **menu**.
2. Press ▼ to scroll to and highlight **Audio Level** and press the **Select button**.
3. Press ◀ to decrease or ▶ to increase the audio level.
4. Press the **Select button** to confirm the new audio level.
5. Press and hold **menu** to return to the main display screen.



Configuring Your Onyx EZ

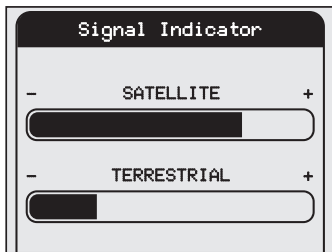
Signal Indicator

For best reception, your Magnetic Mount Antenna should have an unobstructed view of the XM satellites. In large cities, there are terrestrial transmitters (ground repeaters) to help increase the signal coverage.

Your Onyx EZ can display the received strength of the satellite and terrestrial signals being received.

To display the signal strength:

1. Press **menu**.
2. Press ▼ to scroll to and highlight **Signal Indicator** and press the **Select button**.
3. The Satellite and Terrestrial bars show the strength of the signal being received.
4. Reposition the antenna if you are having trouble receiving the signal. Be sure your vehicle is outside with an unobstructed view of the sky.
5. Press and hold **menu** to return to the main display screen.



Configuring Your Onyx EZ

Factory Settings

The factory settings menu has two choices, **AUX Detect** and **Restore Defaults**.

AUX Detect

AUX Detect allows the Onyx EZ Radio to automatically detect a connection made to the **AUDIO** connector of the Vehicle Dock by an Aux In Cable or Cassette Adapter. AUX Detect is enabled by default.



IMPORTANT! If you are using the *PowerConnect* Vehicle Dock which came with your Onyx EZ Radio, AUX Detect should remain enabled.

If you are using the older model Vehicle Dock from the Universal Xpress Car Kit, and plan to use FM Transmission or FMDA as the audio connection option, you will need to disable AUX Detect. Please read the additional instructions, "Using the Vehicle Dock From the Universal Xpress Car Kit" on page 72. Once AUX Detect is disabled, you'll have to turn the FM Transmitter On. Refer to "Turn FM Transmitter On/Off" on page 73.

To disable AUX Detect:

(Do this only when using the older model Vehicle Dock.)

1. Press **menu**.
2. Press ▼ to scroll to and highlight **Factory Settings** and press the **Select button**.
3. **AUX Detect** should be highlighted and show as enabled. Press the **Select button** to toggle the setting.
4. A warning screen will be displayed. Press the **Select button** to confirm that you

Press Select to
disable only if using
old dock from
Universal Xpress
Car Kit.

Configuring Your Onyx EZ

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 radio is transferred to the PowerConnect Vehicle Dock from an older model Vehicle Dock.)

1. Press **menu**.
2. Press ▼ 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.

Configuring Your Onyx EZ

Restore Defaults

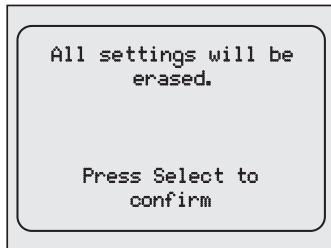
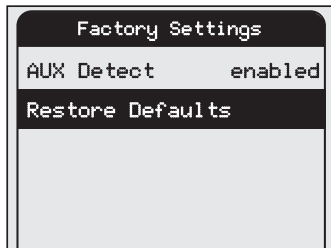
You can clear all of your personal settings, such as favourite channels, FM presets etc. and return the radio to its original out-of-the-box settings

To reset Onyx EZ to factory defaults:



NOTE! Restoring defaults permanently removes all personal settings.

1. Press **menu**.
2. Press ▼ to scroll to and highlight **Factory Settings** and press the **Select** button.
3. Press ▼ 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 Onyx EZ 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 Onyx EZ

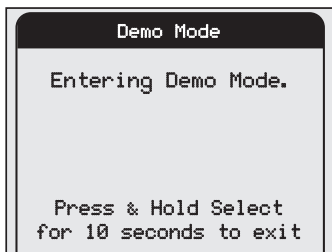
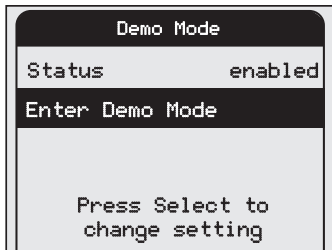
Demo Mode

Your Onyx EZ 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 the Onyx EZ in demo mode.

The ability for Onyx EZ to enter demo mode is enabled by default. If you don't want Onyx EZ 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. Press ▼ 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. Press ▼ to scroll to and highlight **Enter**



Configuring Your Onyx EZ

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.

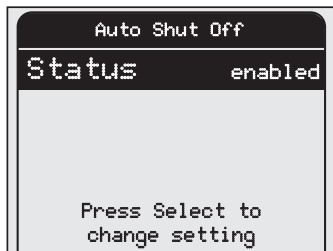
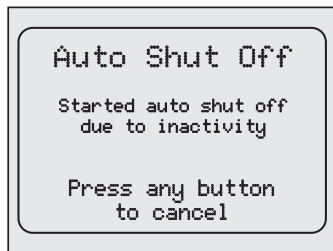
Auto Shut Off

Onyx EZ 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 Onyx EZ off.

When Onyx EZ 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. Press ▼ to scroll to and highlight **Auto Shut Off** and press the **Select button** to enable or disable Auto Shut Off.
3. Press and hold **menu** to return to the main display screen.

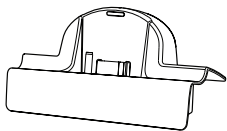


Configuring Your Onyx EZ

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 Vehicle Dock included with your Onyx EZ 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 Onyx EZ.

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



If you are connecting the audio using PowerConnect (or FMDA):

1. Disable the AUX Detect feature. Refer to "AUX Detect" on page 67, and disable AUX Detect.
2. Turn the FM Transmitter in the Onyx EZ On. Refer to "Turn FM Transmitter On/Off" on page 73, 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 67, 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 73.

2. Continue with the installation.

Configuring Your Onyx EZ

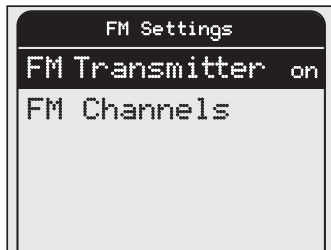
Turn FM Transmitter On/Off

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 *PowerConnect* 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 67. Once you have disabled **AUX Detect**, the **FM Settings** menu will be accessible.

To turn the FM Transmitter On:

1. Press **menu**.
2. Press ▼ 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 the Onyx EZ and the FM radio in your vehicle to the same FM channel.



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

Configuring Your Onyx EZ

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 the Onyx EZ Radio Off, if it was previously turned On.

1. Press **menu**.
2. Press ▼ 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

Onyx EZ 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 the Onyx EZ 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.

Troubleshooting

If you see this on the screen: Try this:	
Check Antenna Connection	<ul style="list-style-type: none">• Make sure that the antenna cable is firmly and securely plugged into the <i>PowerConnect Vehicle Dock</i>. Make sure the cable is not bent or broken.• Turn Onyx EZ 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.
Loading	<ul style="list-style-type: none">• Your Onyx EZ is acquiring audio or program information. This message usually goes away in a few seconds.
Updating	<ul style="list-style-type: none">• Your Onyx EZ 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 activated your service by following the steps in "Activation" on page 42.• Go to siriusxm.ca/refresh and follow the directions refresh your radio.• Call 1-888-539-7474 for further assistance.

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 Onyx EZ 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.• If you are using the Vehicle Dock that came with the Universal Xpress Car Kit, ensure that the FM Transmitter in the Onyx EZ is turned Off, and increase the audio level of the Onyx EZ. Refer to "Set Audio Level" on page 65.
Audio sounds too soft	<ul style="list-style-type: none">• Raise the volume of your stereo system or increase the audio level of your Onyx EZ until the sound quality improves. Refer to "Set Audio Level" on page 65.
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 59.• 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 33 and page 36.) If you cannot use those solutions, consider using an FM Direct Adapter. (Refer to page 41.)

Troubleshooting

If this happens:	Try this:
No audio when using PowerConnect or FMDA	<ul style="list-style-type: none">• Check that your Onyx EZ and your vehicle's FM radio are tuned to the same FM channel.• If you are using the Vehicle Dock that came with the Universal Xpress Car Kit, ensure that the FM Transmitter in the Onyx EZ is turned On. Refer to "Turn FM Transmitter On/Off" on page 73.
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.
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 70.

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 Vrms (max)

Onyx EZ Radio

Dimensions:	4.5 in (W) x 2.4 in (H) x 0.7 in (D) 115 mm (W) x 61 mm (H) x 17 mm (D)
Weight:	3.4 oz (95 g)

PowerConnect Vehicle Dock

Dimensions:	4.0 in (W) x 2.6 in (H) x 1.2 in (D) 102 mm (W) x 65 mm (H) x 31 mm (D)
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 (W) x 1.7 in (H) x 1.3 in (D) 94 mm (W) x 43 mm (H) x 34 mm (D)
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 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 radio is packaged with cardboard, polyethylene, etc., and does not contain any unnecessary materials.

FCC and IC Statement

The user is cautioned that changes or modifications not expressly approved by XM Radio Inc. can void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules and is certified to Industry Canada's RSS-210 specifications. 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 and Industry Canada's RSS-210 specifications. 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 Radio Inc. cannot support this type of application or installation.

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Owners Record

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

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: XEZ1C

XM Radio ID: _____

siriusxm.ca

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