



## **commander** TOUCH™ VEHICLE RADIO



# USER GUIDE



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## Features

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### **Thank you for purchasing the SiriusXM Commander Touch!**

The SiriusXM Commander Touch™ has these exciting features to enhance your overall experience:

- Enjoy SiriusXM through your vehicle's in-dash audio system\* with controls on the color touchscreen display
- Compact touchscreen controller mounts directly to your dash, and the tuner hides discreetly behind the dash for a fully integrated look with no/minimal visible wires
- Full-color display with album art, artist name, song title, channel logos and program information
- Pause, Rewind and Replay live Satellite Radio
- Automatically start songs from the beginning on your favorite channels with TuneStart™
- Use TuneMix™ to hear a mix of songs from your favorite channels
- Keep moving with the most current updates using Traffic & Weather Now™
- Connects to any radio with either an AUX input or FM connection
- Professional installation recommended for best results
- Commander Touch can easily be updated by a USB flash drive (not included) to add new features and capabilities as they become available
- Works on the XM Network

**Please consult this User Guide when using your Commander Touch.**

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\*Requires FM radio. If your vehicle has an Auxiliary Input, use the included AUX Audio Cable for best performance. Will also work with cassette adapter (sold separately).

## Safety and Care Information



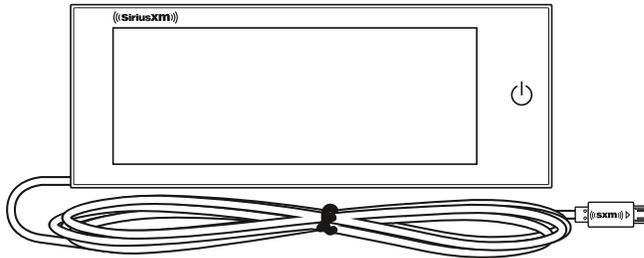
**IMPORTANT!** Self installation instructions and tips are provided for your convenience. It is your responsibility to determine if you have the knowledge, skills, and physical ability required to properly perform an installation. SiriusXM shall have no liability for damage or injury resulting from the installation or use of any SiriusXM or third party products. It is your responsibility to ensure that all products are installed in adherence with local laws and regulations and in such a manner as to allow a vehicle to be operated safely and without distraction. SiriusXM product warranties do not cover the installation, removal or reinstallation of any product.

- Do not expose to extreme temperatures (above 158°F or below -4°F, or above 70°C or below -20°C).
- Do not expose to moisture. Do not use device near or in water. Do not touch the device with wet hands.
- Do not let any foreign matter spill into device.
- Do not store in dusty areas.
- Do not expose to chemicals such as benzene and thinners. Do not use liquid or aerosol cleaners. Clean with a soft damp cloth only.
- Do not expose to direct sunlight for a prolonged period of time, and do not expose to fire, flame, or other heat sources.
- Do not try to disassemble and/or repair device yourself.
- Do not drop your device or subject it to severe impact.
- Do not place heavy objects on device.
- Do not subject device to excessive pressure.
- If the LCD screen is damaged, do not touch the liquid crystal fluid.

### **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.
- When using this product, it is always important to keep your eyes on the road and hands on the steering 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, service activation, and Radio configuration functions should not be performed while driving. Park your vehicle in a safe location before beginning installation.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- 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.

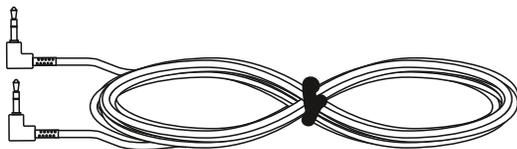
## What's in the Box?



**Commander Touch Display Controller**



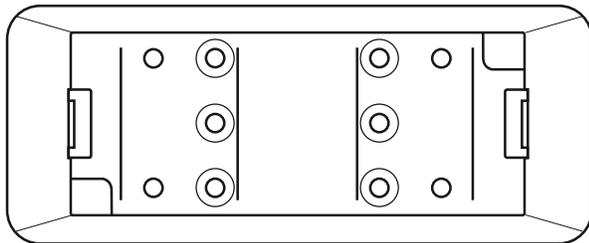
**Commander Touch Tuner Module**



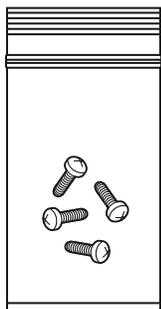
**Aux Audio Cable**



**FMDA25 FM Direct Adapter**



**Flush Mount**



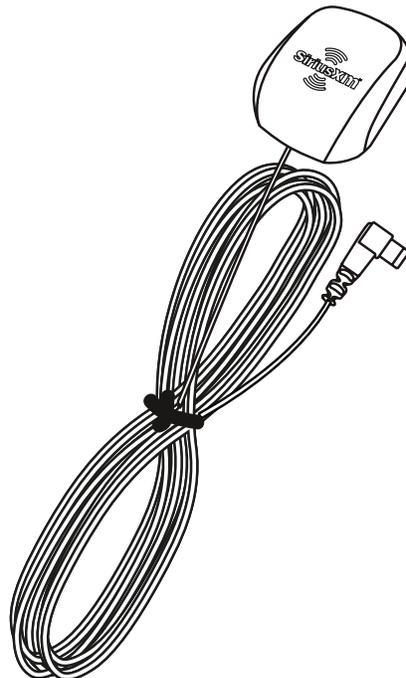
**Screws (4)**



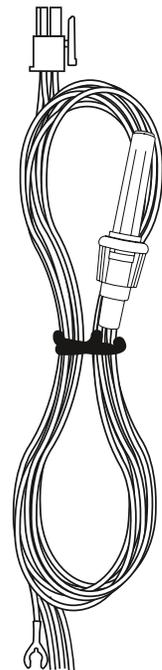
**Antenna Alcohol Preparation Pad**



**Mounting Brackets and Release Tool**



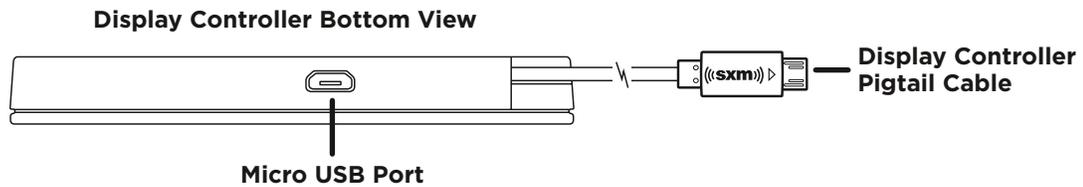
**Magnetic Mount Antenna**



**Wiring Harness**

## Commander Touch Connections

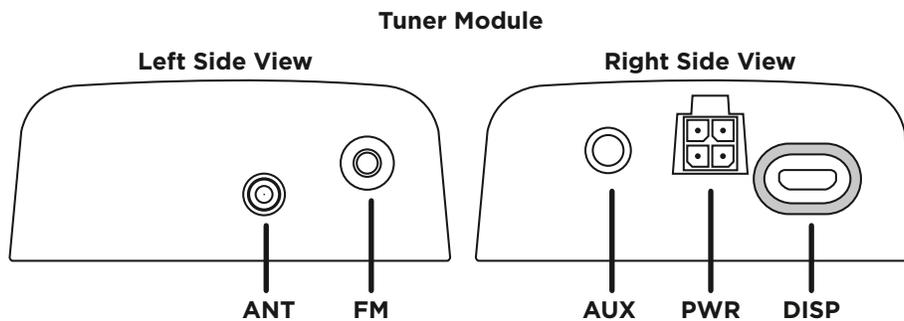
### Display Controller Connections



**Display Controller Pigtail Cable:** Connects to the **DISP** connection on the Tuner Module.

**Micro USB Port:** SiriusXM may occasionally release a system software update for Commander Touch. The update can be installed by connecting a USB Flash Drive with the software update to the micro USB port located at the bottom of the Display Controller. A micro USB Flash Drive or a USB type A Flash Drive with a USB type A to Micro USB Adapter is required (not included).

### Tuner Module Connections



**ANT** (Antenna): Connection for the Magnetic Mount Antenna.

**FM**: Connection for the FM DA25 FM Direct Adapter.

**AUX** (Auxiliary audio output): Connection for the AUX Audio Cable.

**PWR** (Power): Connection for the Wiring Harness.

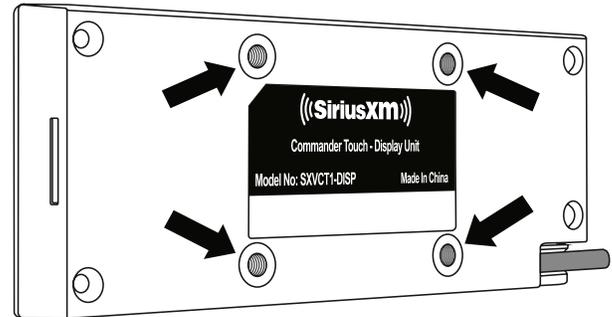
**DISP** (Display): Connection for the Display Controller pigtail cable.

## Step 1: Install the Commander Touch Display Controller



**WARNING! DO NOT** attempt to install Commander Touch while driving. Park your vehicle in a safe location before beginning installation.

The Commander Touch Display Controller can be mounted in a variety of ways. It can be adhered to a dash surface using double sided tape or hook and loop tape (not included), or directly attached to a dash surface using the included screws. The Display Controller has a standard AMPS mounting pattern on the back which is compatible with many other types of mounting solutions designed for vehicles, such as a suction cup windshield mount, a pedestal mount, a dash mount, a vent clip mount, etc; consult your retailer or installer. Depending on your vehicle you may also be able to use the included Flush Mount for a more integrated look.



**AMPS mounting pattern on the rear of the Commander Touch Display Controller for alternate mounting solutions**

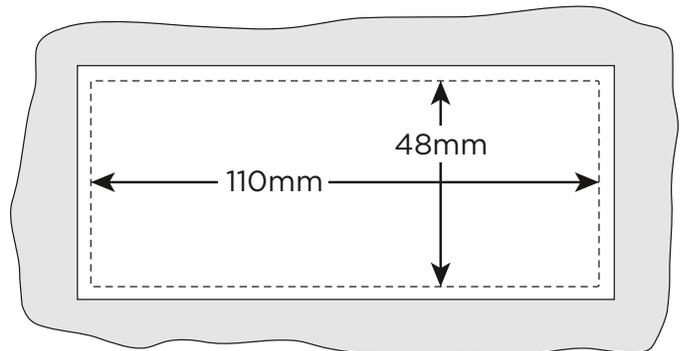
The Commander Touch includes a flush mount installation option which requires cutting an opening in the dash or console of the vehicle which may or may not be suitable for your specific vehicle. A professional installer will know if flush mounting is a suitable mounting solution for your vehicle, or can recommend other installation options that are tailored to your specific vehicle, including custom designing an installation solution. Please read through this User Guide before making the decision to install the Commander Touch yourself. SiriusXM recommends professional installation.



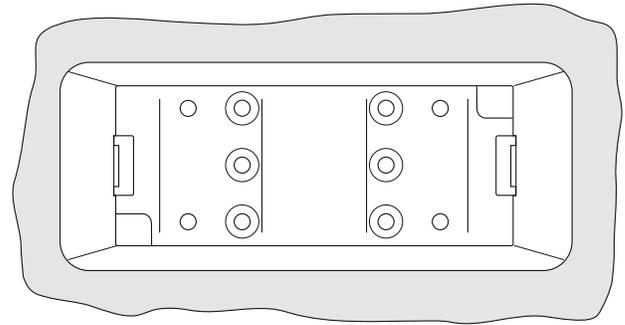
**NOTE!** The installation shown in this User Guide is for the flush mounting option included with the Commander Touch. Self installation instructions and tips are provided for your convenience. It is your responsibility to determine if you have the knowledge, skills and physical ability required to properly perform an installation. SiriusXM shall have no liability for damage or injury resulting from the installation or use of any SiriusXM or third party products. It is your responsibility to ensure that all products are installed in adherence with local laws and regulations and in such a manner as to allow a vehicle to be operated safely and without distraction. SiriusXM product warranties do not cover the installation, removal or reinstallation of any product. SiriusXM recommends professional installation of this product.

### Installing the Commander Touch Display Controller Using the Flush Mount

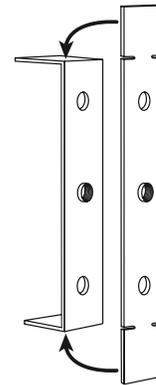
1. Locate a suitable place in your dash or center console for installing the Flush Mount. The Flush Mount requires an opening of 48 mm high x 110 mm wide, and an approximate clearance behind the dashboard or console of 25 mm depth to accommodate the Mounting Brackets. Avoid any location which will block or interfere with an airbag, or a location which interferes with the safe operation of the vehicle.
2. A template is available online to assist in cutting the opening. Go to [www.siriusxm.com/commandertouch](http://www.siriusxm.com/commandertouch) and download and print the template. Place the template on the area selected and carefully cut the opening, following the outline on the template.



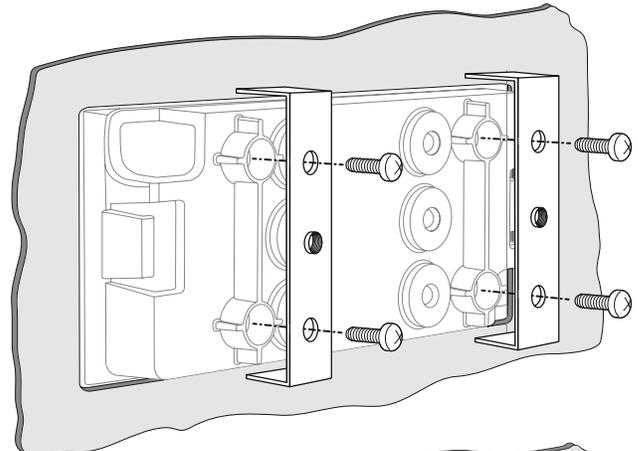
3. Once the opening has been cut, remove the template and place the Flush Mount in the opening. The Flush Mount is asymmetrical so the top/bottom orientation is not important.



4. Bend each of the two Mounting Brackets into a U shape. If needed, the ends of the Mounting Brackets can be trimmed using metal shears to accommodate thicker dash material.

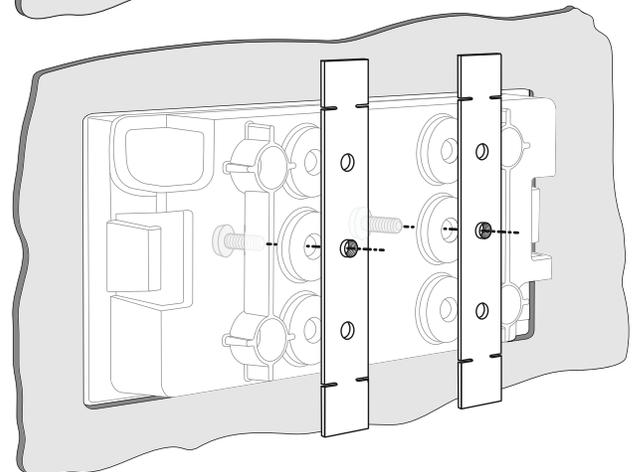


5. Attach the Mounting Brackets to the rear of the Flush Mount, using the provided 4 screws. Position the legs of the Mounting Brackets against the inside of the dash or console surface and tighten the screws. Note that you may need to bend or cut the ends of the mounting brackets depending on the specific application.

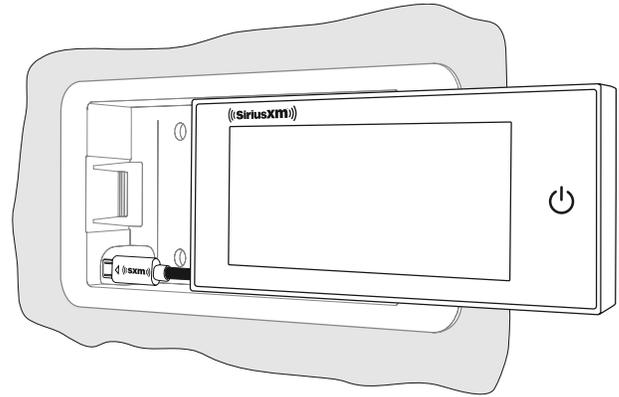


**Alternate Mounting Method:** If the above mounting method does not work in your particular installation, the Mounting Brackets can also be attached to the Flush Mount by using the center threaded hole in the Mounting Bracket, and the tabs on bent as necessary for the installation. The Mounting Brackets can also be trimmed using a shears to accommodate the installation.

Attach the Mounting Brackets using a screw through the front of the Flush Mount to the Mounting Bracket at the rear of the Flush Mount.

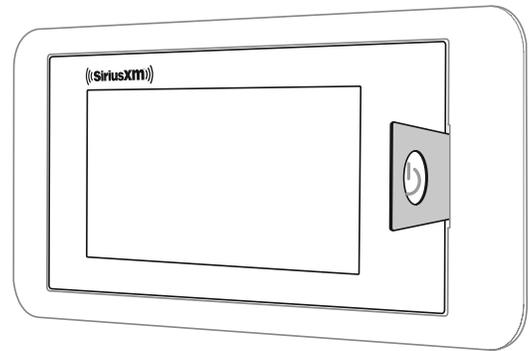


6. Once the Flush Mount is secured in place, insert the Commander Touch Display Controller into the Flush Mount. First, route the cable from the left side of the Display Controller into the opening at the bottom left of the Flush Mount, and then gently press the Display Controller into the Flush Mount, left side first and then the right side. It will snap into place.
7. Route the cable from the Display Controller to the place behind the dash or center console where you plan to install the Tuner Module. (Refer to the next step.)



## Removing the Display Controller from the Flush Mount

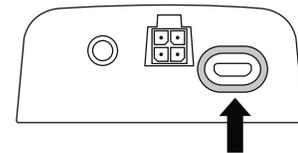
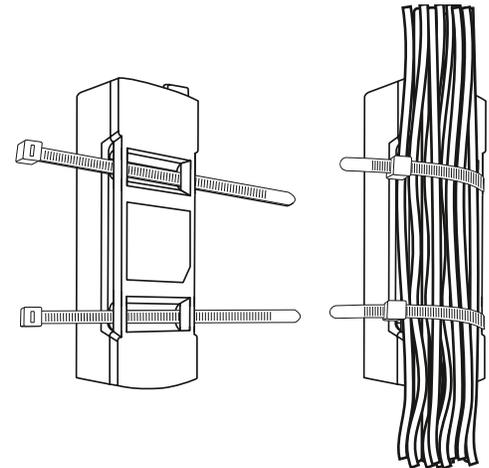
To remove the Display Controller from the Flush Mount use the Release Tool. Center the tool on the right side and press in between the Display Controller and the Flush Mount until the latch releases. (You may need to rock it gently from side to side slightly to release the latch.) Then pry the Display Controller out of the Flush Mount.



## Step 2: Install the Commander Touch Tuner Module

The Commander Touch Tuner Module should be installed and secured behind the dash or center console using wire ties (not included). Keep in mind that you will need to route several cables to the Tuner Module, so allow enough clearance for the cable connections.

1. Find a location for the Tuner Module with suitable clearance for the cable connections.
2. Thread the wire ties through the molded brackets on the underside of the Tuner Module as shown. Secure the Tuner Module to a bracket or wiring harness using the wire ties. Avoid brackets with sharp edges and any moving parts such as gas, clutch, and brake pedals.
3. Connect the cable from the Display Controller to the **DISP** connection on the Tuner Module.

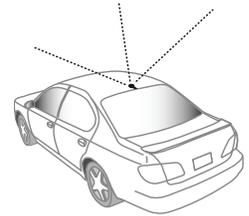


**Display Connector**

## Step 3: Install the Magnetic Mount Antenna and Route the Antenna Cable

Proper placement of the Magnetic Mount Antenna is very important. Consult a professional installer if you are uncomfortable with installing the antenna yourself. More detailed installation instructions and illustrations can be found at [siriusxm.com/installation](http://siriusxm.com/installation) and clicking on the **XM Vehicle Installation** link.

- Place the Magnetic Mount Antenna on the outside of your vehicle on a horizontal surface that always faces the sky. The antenna contains a strong magnet which will stick to any metal part of your vehicle, but will not damage the vehicle.
- Avoid placing the antenna near obstacles that could block a clear view of the sky (such as roof racks, other antennas like AM/FM, cellular, and GPS), preventing the satellite signal from reaching the antenna.
- Consult a professional installer to find an alternate antenna mounting location if your vehicle roof is made from a non-magnetic material such as aluminum, fiberglass, or carbon fibre, or you have difficulty finding a location for your antenna.
- Clean the surface of the selected mounting location using an alcohol preparation pad and let it dry thoroughly.



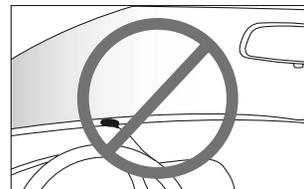
### Select the Best Location for the Magnetic Mount Antenna

For most vehicles the best location is on the roof, centered above the rear window or front windshield.

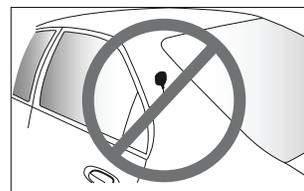
- **Sedan or Coupe:** Recommended mounting location is above the rear window or front windshield
- **Pickup or SUV:** Recommended mounting location is above the front windshield
- **Convertible:** Recommended mounting location is above the front windshield, or alternately on the trunk lid, on the front hood, or on top of the front fender.



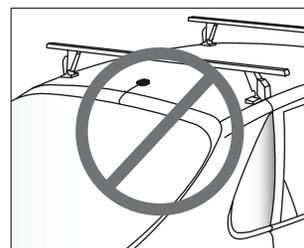
**CAUTION!** Don't mount the antenna inside the vehicle, for example, on the dashboard.



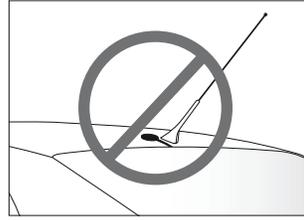
**CAUTION!** Don't mount the antenna on any of the vehicle's front, back or side pillars.



**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.



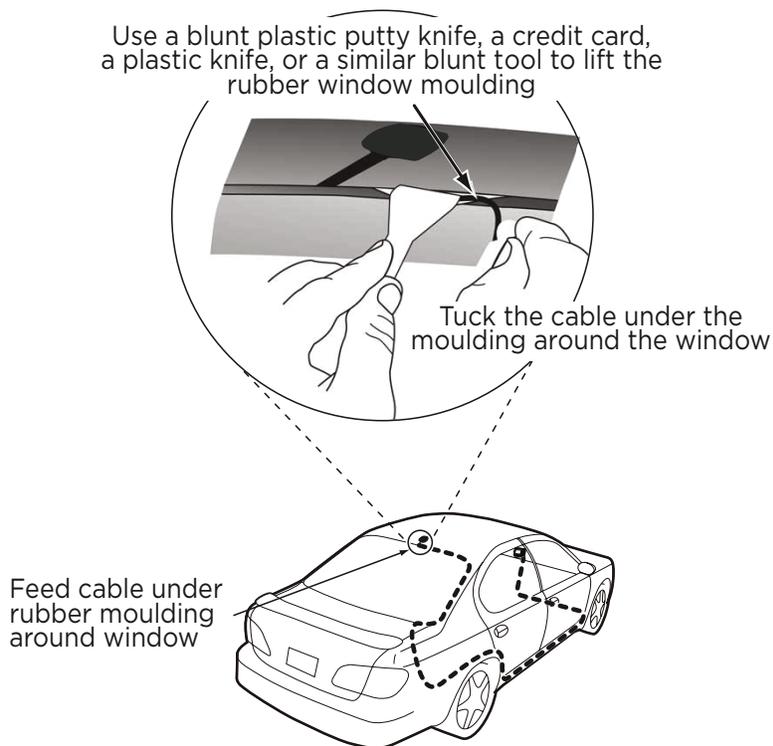
**CAUTION!** Don't mount the antenna close to another antenna. Mount it at least 3 inches away.



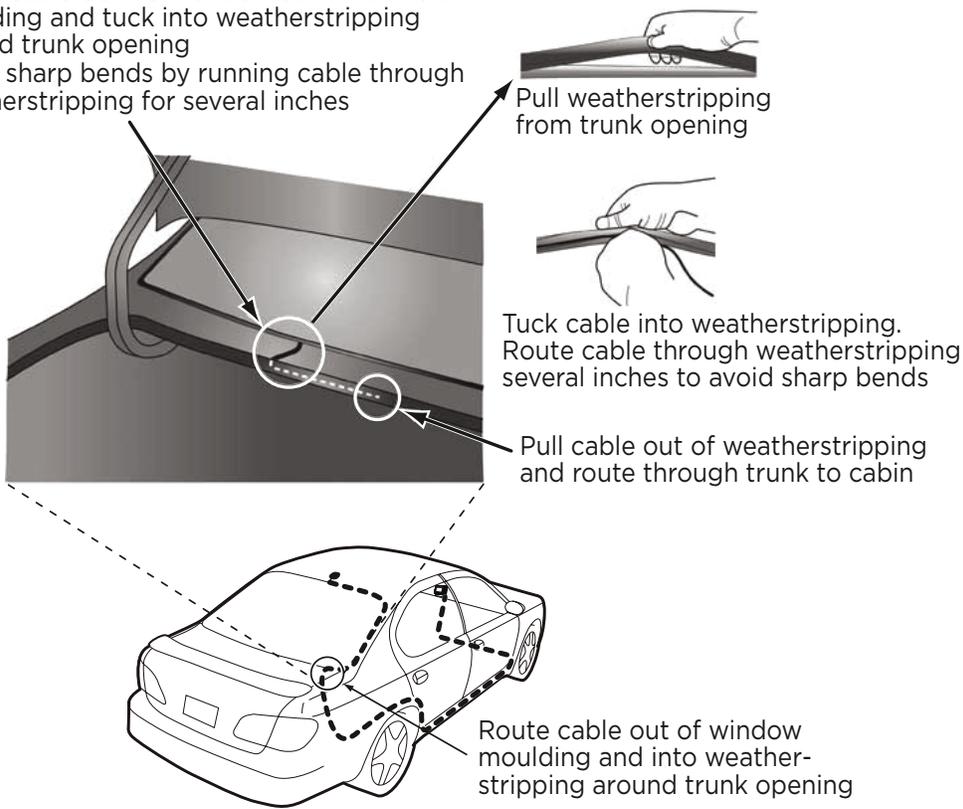
### **Route the Antenna Cable**

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 step-by-step instructions which follow for your specific type of vehicle.

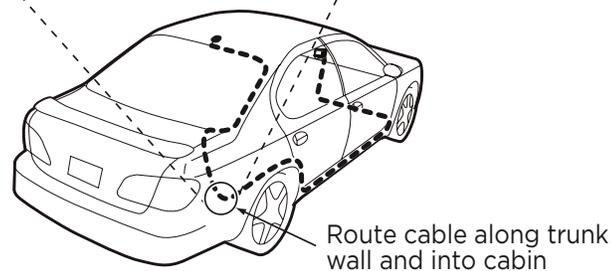
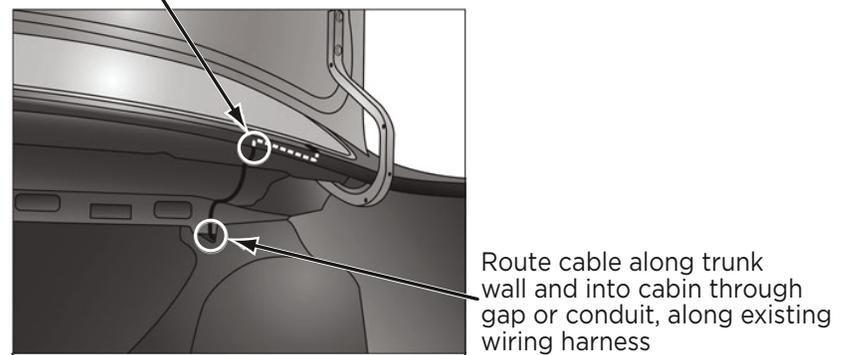
Use care when routing the antenna cable into and through the vehicle interior, avoiding sharp objects that can damage the cable. Keep the antenna cable away from moving parts such as gas, clutch, and brake pedals, trunk and door hinges, and sliding seat brackets. Hide the antenna wire inside the vehicle cabin by routing the cable under the carpet and behind plastic trim, toward the Tuner Module location. Coil and secure any excess cable in a hidden location, such as under the carpet, using wire ties (not included). **CAUTION!** Do not kink or sharply fold the antenna cable.

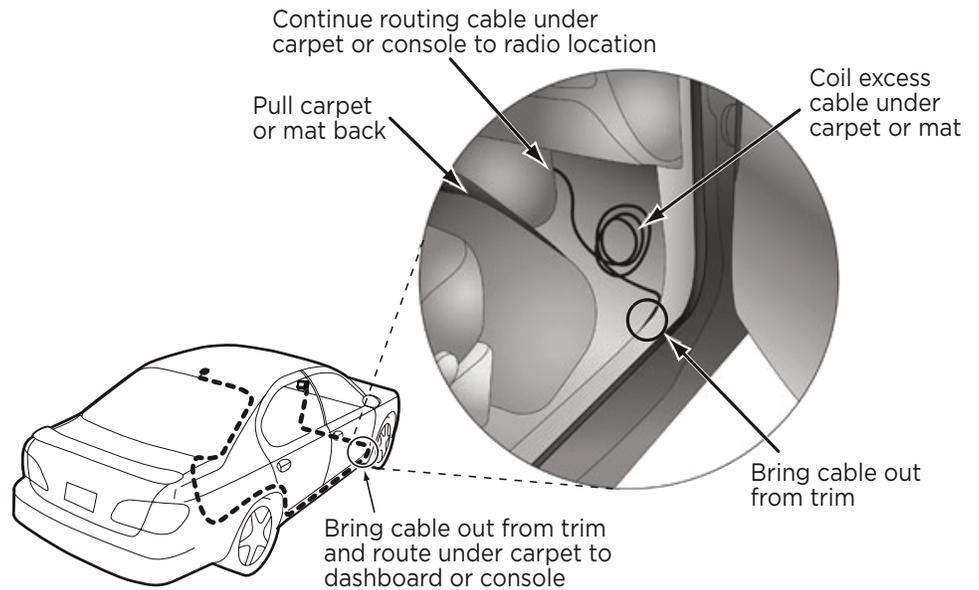
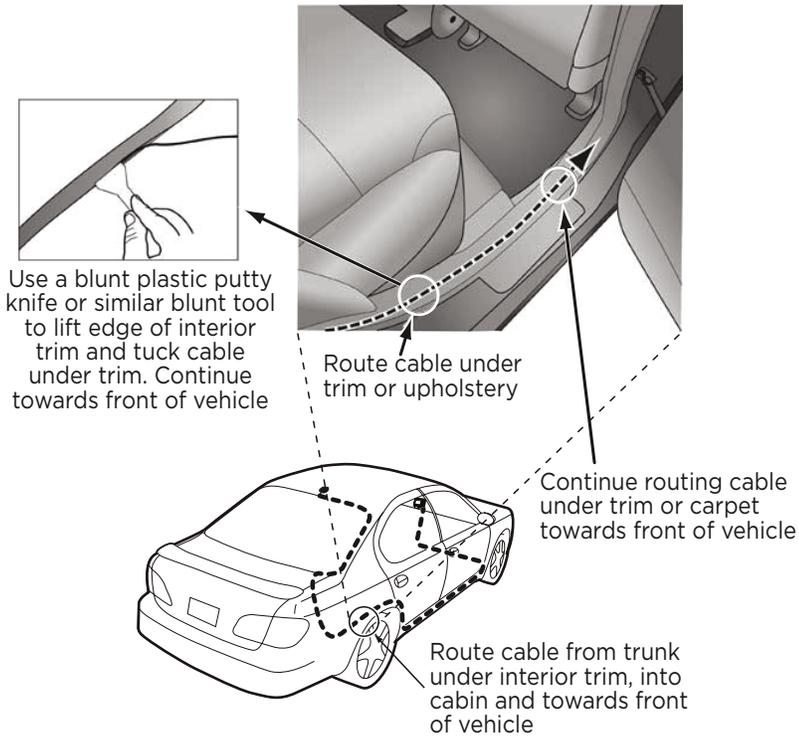


Route cable out from under rear windshield moulding and tuck into weatherstripping around trunk opening  
Avoid sharp bends by running cable through weatherstripping for several inches



Bring cable out of weatherstripping and into trunk

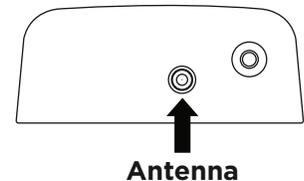
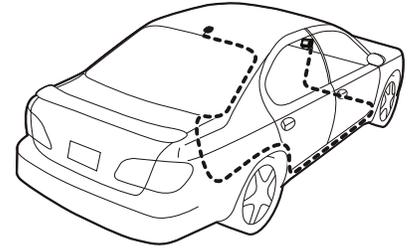




**TIP!** Always be careful to include enough slack in your cable to accommodate open doors or trunk lids. Use things typically found around the home, like electrical tape, to secure cables in areas so that hinges do not pinch the cable with the door. Hide any excess cable in the trim.

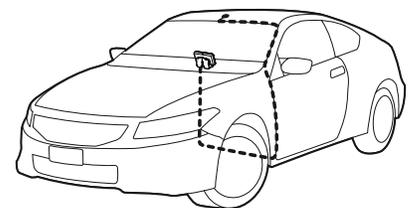
## **Sedan/Coupe With Antenna Placed at the Rear of the Roof:**

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.
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. Connect the antenna connector to the **ANT** connection of the Tuner Module. Note: Use only SiriusXM approved antennas.



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

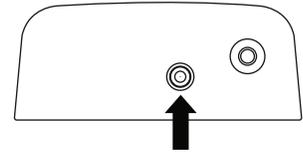
1. Feed the antenna cable from the antenna underneath the rubber molding around the windshield. Use a blunt plastic putty knife or similar blunt tool to lift the rubber molding around the windshield and tuck the antenna cable underneath the molding. Route the antenna cable around and down the windshield 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.



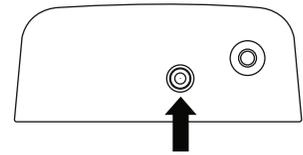
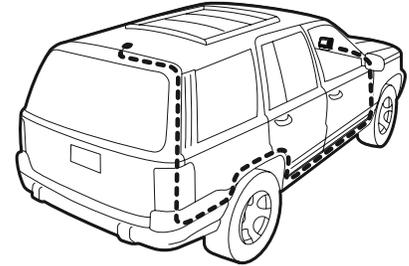
5. Connect the antenna connector to the **ANT** connection of the Tuner Module. Note: Use only SiriusXM approved antennas.

### **Sport Utility Vehicle (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. Connect the antenna connector to the **ANT** connection of the Tuner Module. Note: Use only SiriusXM approved antennas.



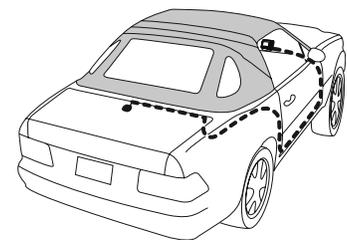
**Antenna**



**Antenna**

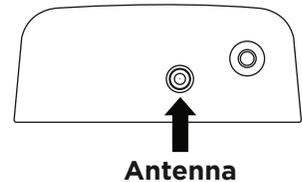
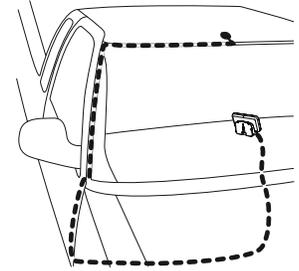
### **Convertible**

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. Connect the antenna connector to the **ANT** connection of the Tuner Module. Note: Use only SiriusXM approved antennas.



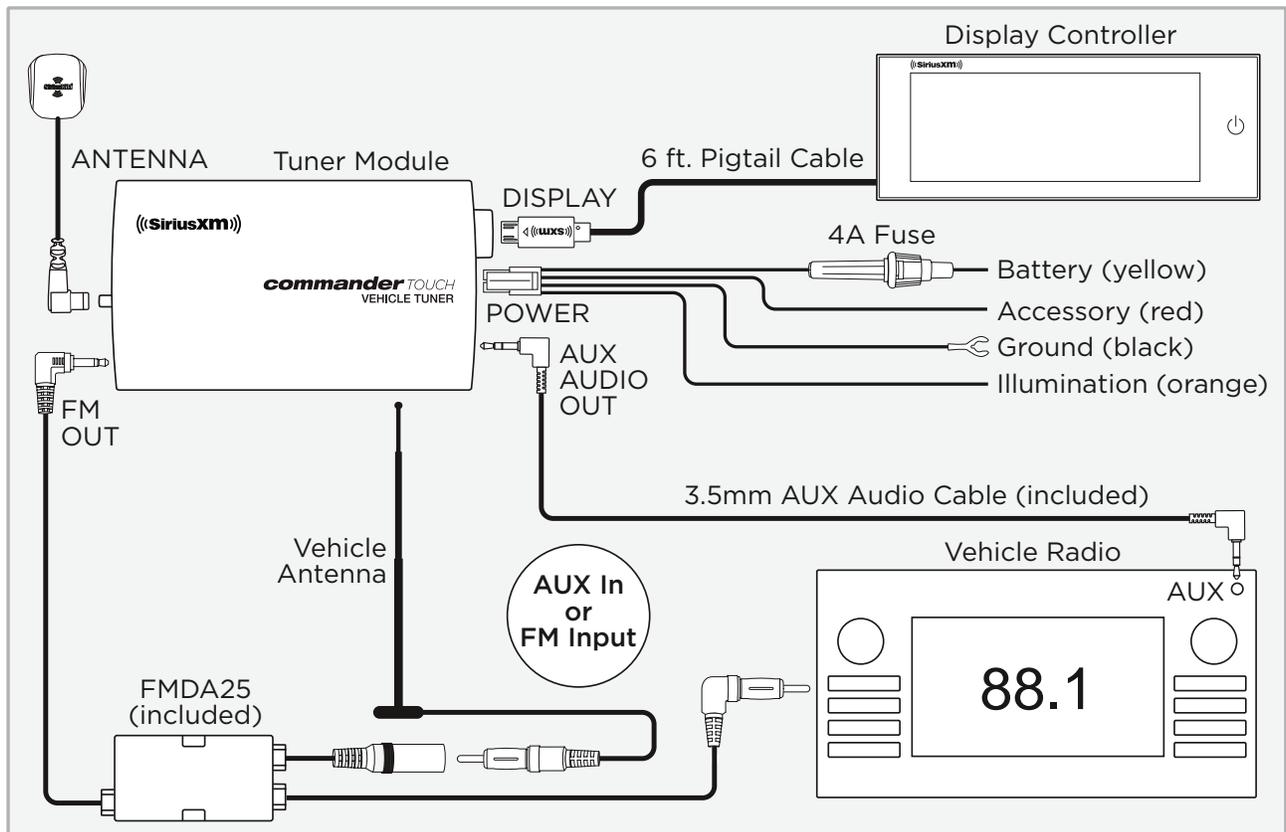
## ***Pickup Truck***

- 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.** Connect the antenna connector to the **ANT** connection of the Tuner Module. Note: Use only SiriusXM approved antennas.



**Step 4: Install the Wiring**

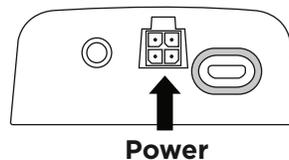
Refer to the wiring diagram below and install the Power Wiring Harness, and the AUX In or FM Input audio connection.



## Install the Power Wiring Harness

The wiring harness has 4 wires: **BAT** (battery, yellow); **ACC** (accessory, red); **ILL** (illumination, orange); **GND** (ground, black). When installing the harness, keep the fuse holder which is connected to the **BAT** wire in a location that is accessible in case the fuse ever needs to be replaced.

1. Plug the Wiring Harness connector to the **PWR** connector on the Tuner Module.
2. Route and connect the **BAT** yellow wire to a constant 12 volt source, a source which is always on even when the vehicle is turned off.
3. Route and connect the **ACC** red wire to a switched 12 volt source, a source which provides power only when the vehicle is turned on. This should be tied to the vehicle's accessory wire.
4. Route and connect the **ILL** orange wire to a 12 volt source which is on when the vehicle exterior parking or headlights are turned on. Connection to the **ILL** wire is optional but it will allow you to take advantage of the independent Auto Day/Night brightness setting option.
5. Route and connect the **GND** black wire to the vehicle ground connection, usually the vehicle's metal chassis. A lug is provided so that it can be secured to the chassis with a screw or existing bolt.



## Install the Audio Connection

There are two ways to connect the audio for the Commander Touch: using the AUX Audio Cable, or using the FMDA25 FM Direct Adapter. Both audio connection solutions are included with the Commander Touch, and both audio solutions can be active at the same time.

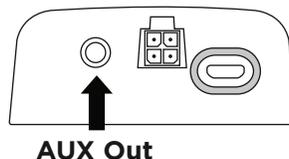
- **AUX Audio Cable: Best:** If your vehicle's radio has a auxiliary input jack, this is the easiest way to connect the audio and provides excellent audio.
- **FMDA25 FM Direct Adapter: Good:** The FMDA25 FM Direct Adapter directly connects the FM signal from the Commander Touch to the vehicle's radio, reducing any interference which might be present from FM radio stations. When the Commander Touch is turned off, the vehicle's FM antenna is automatically connected back to the vehicle's radio. The FMDA25 FM Direct Adapter connects directly in-line with the vehicle's existing AM/FM antenna input.

Follow the instructions below for the audio connection you have selected.

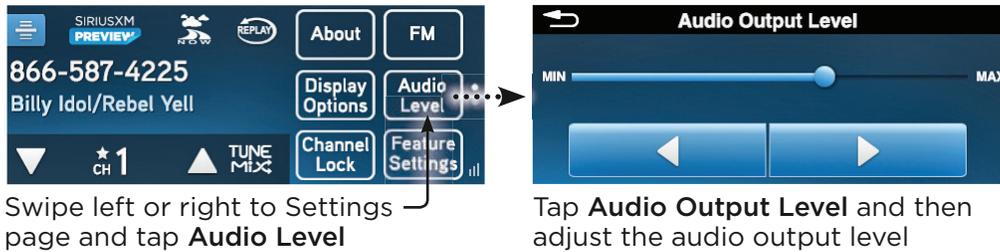
### Connecting the Audio Using the AUX Audio Cable

The auxiliary input jack may be located on the face plate of the vehicle's 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.

1. Connect the AUX Audio Cable to the auxiliary input jack of the vehicle radio.
2. Connect the other end of the AUX Audio Cable to the **AUX** connector on the Tuner Module.
3. Turn the vehicle's radio on, and set it to the AUX In source.
4. Press the Power button on the Commander Touch Display Controller. After the start up sequence you should hear SiriusXM Preview Channel 1 through your vehicle's radio.



- The audio level can be adjusted by swiping to the **Settings** page, tap **Audio Level**, then tap **Audio Output Level** and adjust the audio output level.

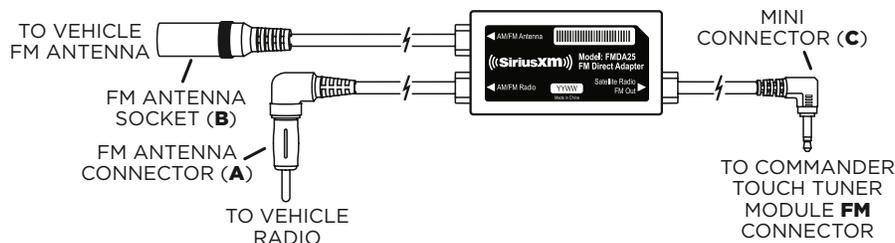


The installation is complete and you are now ready to activate your Commander Touch. Continue with “Step 5: Subscribe” on page 23.

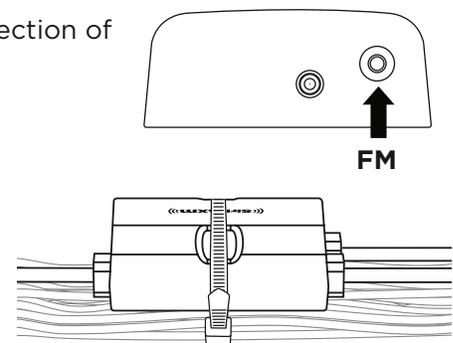
### Connecting the Audio Using the FMDA25 FM Direct Adapter

Certain vehicle models will require adapters to connect the vehicle’s AM/FM antenna to the FMDA25, and to connect the FMDA25 to the vehicle’s radio. These adapters are sold separately by most professional installers.

- Remove the vehicle’s radio from the dash and disconnect the AM/FM antenna cable from the rear of the vehicle’s radio.
- Plug the **FM Antenna Connector (A)** from the FMDA25 into the same connector on the vehicle’s radio. (Additional antenna adapter may be required.)



- Plug the vehicle’s AM/FM antenna cable into the female **FM Antenna Socket (B)** of the FMDA25. (Additional antenna adapter may be required.)
- Plug the **Mini Connector (C)** of the FMDA25 into the **FM** connection of the Tuner Module.



- Reinstall the vehicle’s radio into the dash.
- The FMDA25 should be secured behind the vehicle’s radio location or under the dash using a wire tie (not included). Wrap the wire tie around the molded indents of the FMDA25 as shown to prevent the FMDA25 from slipping, and secure the FMDA25 to a bracket or wiring harness using the wire tie. Avoid brackets with sharp edges and any moving parts such as gas, clutch, and brake pedals.
- Turn the vehicle’s radio on, and tune it to FM channel 88.1.
- Press the Power button on the Commander Touch Display Controller. After the start up sequence you should hear SiriusXM Preview Channel 1 through your vehicle’s radio.

- The audio level can be adjusted by swiping to the **Settings** page, tap **Audio Level**, then tap **Audio Output Level** and adjust the audio output level.



**NOTE!** The Audio Output Level adjusts both the AUX audio output level as well as the FMDA audio output level. Use caution when making the adjustments. For FM it is recommended to adjust the level to MAX.



Swipe left or right to Settings page and tap **Audio Level**



Tap **Audio Output Level** and then adjust the audio output level

- If channel 88.1 has static or interference, other FM channels can be selected by swiping to the **Settings** page, tap **FM** and adjust the FM channel. Tap a **+** button to save it as a preset. Set the vehicle's radio to the same FM channel.



Swipe left or right to Settings page and tap **FM**



Change the FM Channel

The installation is complete and you are now ready to activate your Commander Touch. Continue with “Step 5: Subscribe” on page 23.

## Step 5: Subscribe

Follow these steps to subscribe your Commander Touch. Once you have successfully activated the Commander Touch, you will be able to tune to other channels.

1. Make sure your Commander Touch is turned on, receiving the SiriusXM signal, and tuned to Preview Channel 1 so that you can hear the SiriusXM audio. (Refer to “Tuning Channels” on page 32 for instructions on tuning channels.)
2. Make a note of your Radio ID. You can find it by swiping to **Settings** and tapping **About**, by tuning to channel 0, on a label on the bottom of the gift box, and on the label on the back of the Commander Touch Tuner Module.



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



3. To subscribe: See **Important Legal Information** in this User Guide. Then:
  - Online: Go to [www.siriusxm.com/activatenow](http://www.siriusxm.com/activatenow) to access or set up an online account, subscribe to the service, and activate your Commander Touch.OR
  - By phone: Call **1-866-587-4225** (If calling to activate, be sure to mention “Never Miss A Beat”).

Activation usually takes 10 to 15 minutes after you have completed the subscription process, but may take up to an hour. We recommend that your Commander Touch remain on until subscribed. Once subscribed, the Commander Touch will receive, and you can tune to, the channels in your subscription plan.

## Step 6: Update the Commander Touch Software

SiriusXM may occasionally release software updates for Commander Touch. It is recommended that you periodically check for a newer version, and update the software in your Commander Touch whenever a newer version is available.

### Determining the Software Version of your Commander Touch

You can determine whether your Commander Touch has the latest software by comparing the software version numbers of your Commander Touch to the version numbers of the latest software release from SiriusXM. The latest SiriusXM software version for Commander Touch is:

Display Controller: **V00.00.26**                      Tuner Baseband: **V11.38.00**  
Tuner Micro: **V00.02.04**                      (Swipe up) NAND Image: **V00.00.16** (or higher)

To check the software version of your Commander Touch, swipe to **Settings**, swipe up or down if necessary, tap the **About** button, and tap **Software Information**. If you find that any of the software version numbers listed above are higher numbered than the versions in your Commander Touch, you should update the software in your Commander Touch. For example, V00.00.21 is a newer software version than V00.00.19.

Software Information	
Display Controller	V00.00.26
Tuner Micro	V00.02.04
Tuner Baseband	V11.38.00

Software Information	
NAND Image	V00.00.16

### Prerequisites for a Software Update

Before you attempt to update the software in your Commander Touch, be sure you can meet the following prerequisites. If you cannot meet **all** of the prerequisites, do not attempt a software update. Instead, please consult a professional installer who can update the software for you, or call SiriusXM at: **1-866-635-2349**. Prerequisites:

1. Most USB Flash Drives will work. The USB Flash Drive should be empty, not have partitions, and be formatted as FAT32. You can find a list of USB Flash Drives that have been tested by SiriusXM starting on page 26.
2. You must have a USB type A to Micro USB OTG (On the Go) adapter, or OTG adapter cable, if your USB Flash Drive has a USB type A connector. Although adapters will vary in appearance, a typical example of each type is shown to the right. OTG adapters can be purchased from most online electronics retailers.
3. You must have the knowledge to download the software update file (or files) from the SiriusXM website, can extract the files from a ZIP archive, and copy them to your USB Flash Drive.
4. You can gain access to the micro USB port the bottom of the Commander Touch Display Controller. If your Display Controller has been installed using the Flush Mount, you will need the Release Tool to release the Display Controller from the Flush Mount.



If the Display Controller has been custom installed by a professional installer, and you cannot access the micro USB port, you may need to consult the installer to help you gain access to the micro USB port.

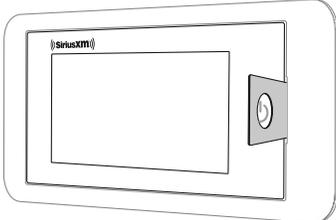
5. You must have a minimum of up to 5 to 10 minutes for a DCU/DLP Software Update, and 20-25 minutes for a NAND Image Update to complete the software update. Once you begin a software

update, the process cannot be interrupted.

6. You can provide uninterrupted power to your Commander Touch for the duration of the software update.

## Software Update Instructions

**Commander Touch must remain on during the entire software update process. If power is interrupted during the software update process your Commander Touch will become damaged.**

1. Go to [www.siriusxm.com/commandertouch](http://www.siriusxm.com/commandertouch) and download the software update file. This file will be named **SXVCT1\_SW\_Update\_vxx.xx.xx.zip**. (xx.xx.xx is the software version number.)
2. Open the ZIP archive and extract the software update file(s) to a folder on your computer. They will be named **SXVCT1\_S.xxx** and/or **SXVCT1\_N.xxx**.
3. Copy any files you may have off of your USB Flash Drive to another location, and then erase or reformat (FAT32) the USB Flash Drive. Copy the **SXVCT1\_S.xxx** and/or **SXVCT1\_N.xxx** file(s) to the root directory of the USB Flash Drive. Do not put them in a folder on the drive.
4. You will need access to the USB port on the bottom of the Display Controller. If the Display Controller is mounted in the Flush Mount, remove the Display Controller from the Flush Mount using the Release Tool. Center the tool on the right side and press in between the Display Controller and the Flush Mount until the latch releases. (You may need to rock it gently from side to side slightly to release the latch.) Then pry the Display Controller out of the Flush Mount.
 
5. Turn your Commander Touch on. This may require you to turn the ignition in your vehicle to ACC to provide power to Commander Touch. Wait until Commander Touch is completely powered on.
6. Connect the USB Flash Drive to the USB port on the bottom of the Commander Touch. Use the adapter or adapter cable, if necessary.
 

**Micro USB Port**
7. Swipe to **Settings**, swipe up or down if necessary, tap the **About** button, and swipe up to the second page.
 

**Step 7**
8. If the software update only included the file named **SXVCT1\_S.xxx**, tap **DCU/DLP Software Update**. If the software update only included the file named **SXVCT1\_N.xxx**, tap **NAND Image Update**. If the software update included both files, perform the **DCU/DLP Software Update** first, and then repeat this procedure to perform the **NAND Image Update**.
 

**Step 9**
9. You will be prompted to begin the software update. Tap **Update** to proceed.
10. If there are any problems in reading the file on the USB Flash Drive, you will be alerted by an advisory message, and the software update will be aborted.
 

**Step 9**

**11.** As the software update is taking place, a progress bar will be displayed. The progress bar may advance, and then stop for a periods of time; this is normal. Wait until the software update finishes, which can be 5 to 10 minutes for a DCU/DLP Software Update, and 20-25 minutes for a NAND Image Update.

**12.** If you are performing the **DCU/DLP Software Update**, an advisory will tell you when this portion of the software update has completed, and Commander Touch will restart itself and complete the software update.

**13.** While the software update is completing, there may be a period of time where the display screen is dark but the power light blinks several times. **DO NOT POWER OFF Commander Touch.** Once the software update is complete, the main now playing screen will be displayed.

If you are performing the **NAND Image Update**, the radio will restart and display the main now playing screen.

**14.** To verify the software update, swipe to **Settings**, swipe up or down if necessary, tap the **About** button, and tap **Software Information**.

**15.** If you need to do a **NAND Image Update** also, repeat this software update procedure beginning at step 7.



## SiriusXM Approved USB Flash Drives

The following is a list of flash drives which may be used for updating the software in your Commander Touch. There may be many other USB flash drives that will work, however they have not been tested by SiriusXM. If you have trouble using your own USB flash drive, please try one from this list.

**USB OTG (On the Go) flash drives do not require special adapters. The following have been validated by SiriusXM:**

Brand	Capacity	Drive Type	Product Name	Model No.
PNY	32 GB	OTG Drive	PNY - Duo-Link Metal OTG 32GB USB 2.0 Flash Drive	P-FDI32GOTGM-GE
SanDisk	64 GB	OTG Drive	SanDisk - Ultra 64GB Micro USB/USB 3.0 Flash Drive	SDDD2-064G-A46
SanDisk	32 GB	OTG Drive	SanDisk - Ultra 32GB Micro USB/USB 3.0 Flash Drive	SDDD2-032G-A46
SanDisk	16 GB	OTG Drive	SanDisk - Ultra 16GB Micro USB/USB 3.0 Flash Drive	SDDD2-016G-A46
Sony	32 GB	OTG Drive	Sony 32GB Microvault USB Flash Drive for Smartphone	USM32SA1/B
Sony	16 GB	OTG Drive	Sony 16GB Microvault USB Flash Drive for Smartphone	USM16SA1/B

*Continued on the next page...*

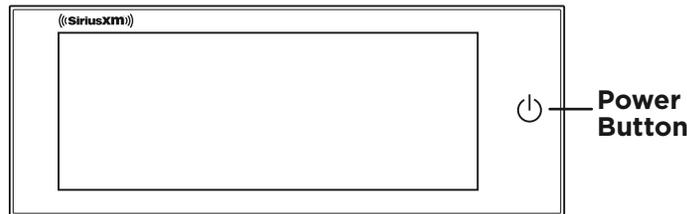
**USB Flash Drives which require a OTG (On the Go) Adapter or OTG Adapter Cable that have been validated by SiriusXM:**

<b>Brand</b>	<b>Capacity</b>	<b>Drive Type</b>	<b>Product Name</b>	<b>Model No.</b>
PNY	32 GB	Regular	PNY - Micro Metal Attaché 32GB USB 2.0 Flash Drive	P-FDI32G/APPMT2-GE
PNY	16 GB	Regular	PNY - Micro Metal Attaché 16GB USB Flash Drive	P-FDI16G/APPMT2-GE
Transcend	8 GB	Regular	Transcend 8GB JetFlash 500 USB 2.0 Flash Drive	TS8GJF500
SanDisk	16 GB	Regular	SanDisk 16GB 2.0 Flash Cruzer Glide USB Drive	DCZ60-016G-B35

Note that an OTG Adapter or OTG Adapter Cable can be purchased from an electronics retailer, or purchased from an online retailer.

## Turning the Commander Touch On and Off

**Press** the Power button to turn the Commander Touch on. **Press and hold** the Power button for one second to turn off. The display may stay on for a second or two after you press and hold for one second; this is normal. You can also press and hold until the display turns off.



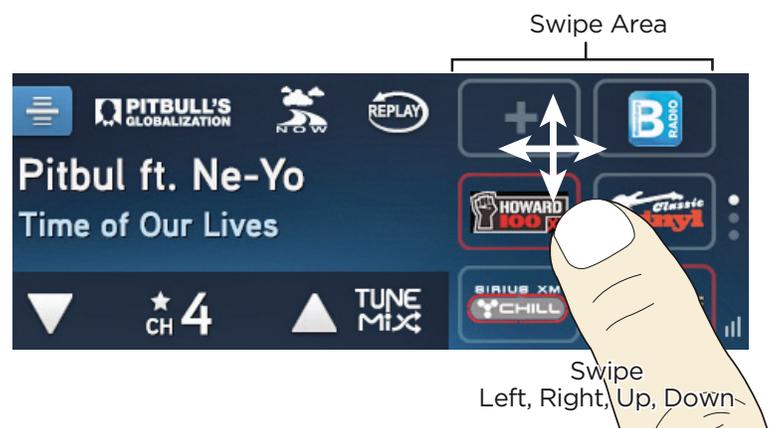
**NOTE!** When Commander Touch is installed with the FMDA25 FM Direct Adapter, if the accessory power is on in the vehicle, turning Commander Touch off will switch the audio back to the vehicle's radio so that you can listen to AM or FM channels.

## Navigation Basics

The Commander Touch uses a touchscreen to navigate and make selections. Use your finger to make selections by tapping the icons displayed on the screen. Some icons have a double behavior, depending upon whether you tap and release the icon, or whether you tap and hold the icon. For example, the Traffic and Weather Now icon will play the traffic and weather report when it's tapped and released, or will display a list of available cities when it's tapped and held.



The swipe area can be navigated by dragging your finger across the swipe area, left and right, and up and down. You can also quickly flick your finger to navigate between pages. Refer to "Understanding the Swipe Area Carousel" on page 31 for more information about the Swipe Area.



## The Main Display Screen

The following is a brief description of the main display screen and swipe area pages.

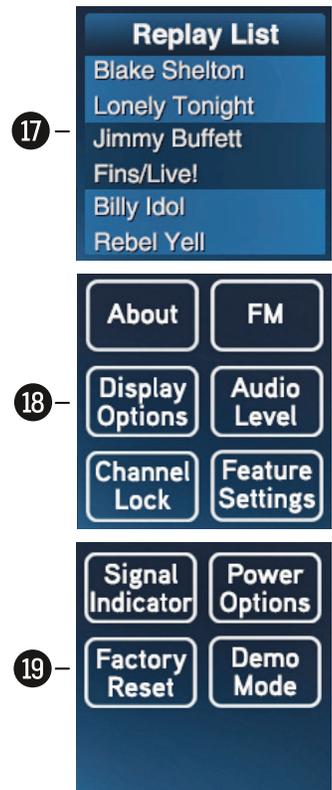


1. Channel/Category List. Tap for a list of channels with channel content.
2. Channel Logo.
3. Traffic and Weather Now. Tap and hold to select a city near you. Tap for a traffic and weather report; tap again to exit report. (Icon is blue when a new traffic and weather report is available.)
4. Pause and Replay. Tap to display the Pause and Replay controls and tap again to display channel controls. Tap and hold to jump to live.
5. Swipe Area. Swipe left and right to change content, or up and down to scroll through content pages. Tap to select a button icon or items displayed in the swipe area. Content which can be displayed are: Favorite Channels (shown); Album or Content Art (shown); Replay List; and Settings.
6. Indicates that additional pages are available for the currently displayed content. Swipe up or down to scroll pages. Highlighted page dot indicates current page.
7. Satellite Signal Strength indicator.
8. Tap to begin TuneMix. (First save at least two music channels as favorite channels to enable TuneMix.)

9. Channel Up/Down. Tap ▼ to tune to previous channel or ▲ to tune to next channel. Tap and hold to rapid browse and tune other channels.
10. Channel number and favorite page indicator. Tap to directly enter a channel number and tune to the channel. When shown, a star indicates the channel has been saved as a favorite channel.
11. Song/Program Title, or Talk Show Schedule, or Game Time/Game Details.
12. Artist Name, or Talk Show Host, or Sports Teams/Score.
13. Pause and Replay Controls. Tap a control to Rewind, Play/Pause, and Fast-Forward.
14. Pause and replay time bar shows current listening position behind live broadcast.

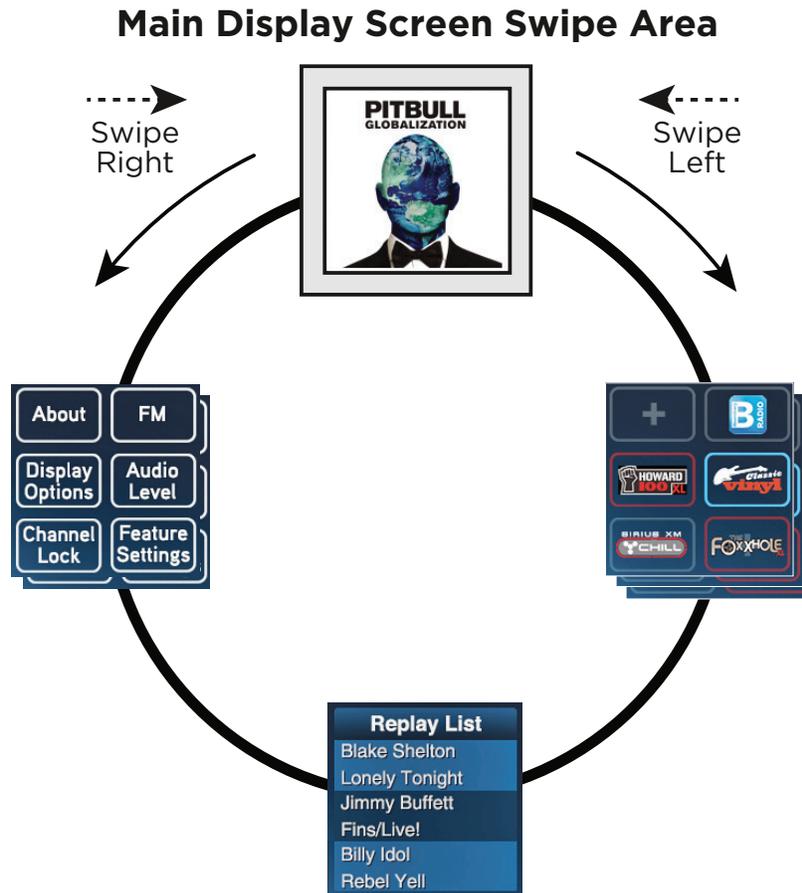
## Swipe Area Content

15. Favorites pages. Save and select up to 18 favorite channels on 3 pages (shown on previous page). Tap + to save a channel as a favorite. Tap and hold to replace or delete a favorite channel.
16. Album Art. Album cover art for the currently playing song, or content information for the channel (shown on previous page).
17. Replay List. A list of songs or talk program segments which have recently aired on the currently tuned channel.
18. Settings (Page 1):
  - About:** Displays Radio ID and subscription status, software information, and allows a software update.
  - FM:** Turn the FM tuner on or off, adjust FM channels, and set preset FM channel presets.
  - Display Options:** Set the screen display mode and adjust day and night screen brightness.
  - Audio Level:** Adjust the audio output level. Audio level adjusts both AUX and FM outputs.
  - Channel Lock:** Lock/unlock channels. Also set and change the channel lock code.
  - Feature Settings:** Turn TuneStart, Traffic and Weather Now, and Audible Beep on or off. Set TuneMix to Bank or All Channels mode.
19. Settings (page 2):
  - Signal Indicator:** Displays the satellite and terrestrial signal strength.
  - Power Options:** Adjust the delayed power off mode, and the Power button mode.
  - Factory Reset:** Reset the Commander Touch to the factory settings.
  - Demo Mode:** Turn the Demo Mode on or off, and manually start the Demo Mode.

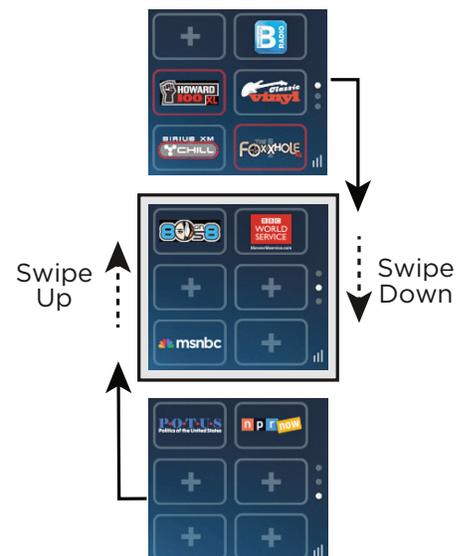


## Understanding the Swipe Area Carousel

The swipe area on the Commander Touch main display screen is a circular carousel which contains Album Art, Favorites, Replay List, and Settings. You can swipe left or right in the Swipe Area to change what is displayed in the Swipe Area.



Some Swipe Area content may have more than one page. These additional pages can also be viewed by swiping up or down to display the pages. The page dots at the right center edge of the screen indicate if the content displayed in the swipe area has additional pages, and also what page is currently being displayed.



## Tuning Channels

### Tuning Channels

1. Tap the **Channel Up/Down** icons ▼ ▲ to immediately tune to the next or previous channel.
2. Tap and hold to quickly scroll through the channels. Release to tune to the channel that is displayed.

### Viewing the Channel and Category Lists and Tuning Channels

Channels are organized into categories to make it easier for you to find channels according to the genre (pop, rock, comedy, etc.). When browsing the channel list, it can be viewed in numerical order or in category order.

1. Tap the **Channel/Category List** icon.
2. Tap the **All Channels/Categories** button in the upper right corner to toggle between numerical order or category order for the channel list. The currently tuned channel will be highlighted.
3. Tap and drag up and down to scroll through the channel list.  
If you are in category list mode, tap and drag left or right to change categories, or tap on the category name at the top to display a list of categories to choose from.
4. If you find a channel to tune to, tap the channel in the list. The channel will be tuned and will return to the main display screen.
5. Tap the **Back** icon in the upper left corner to exit.



### Directly Tuning Channels

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

1. Tap the **Channel Number** icon on the main display screen.
2. Tap the number buttons **0-9** to enter the channel numbers. As you enter the numbers, some of the number buttons will become unselectable to avoid tuning a non-existent channel. After you have entered the channel number, wait a moment until the channel is tuned, or tap the **Go** icon to immediately tune to the channel.



Should you attempt to tune a channel which is not part of your subscription package, you will receive an advisory and the channel will not be tuned.



## Favorite Channels

You can set up to 18 of your favorite channels (6 each in three pages) so you can easily access those channels. Channels saved as favorites remember up to 30 minutes of content that played on those favorite channels, so that when you tune a favorite channel you can rewind up to 30 minutes.

Favorite channels which are locked are shown with a red border on the favorite button. If you selected a favorite channel which is locked, you will be prompted to enter the lock code before the channel is tuned. Refer to “Channel Lock” on page 35 for more information concerning locked channels.



When you save or replace a favorite, a confirmation screen will indicate that you are saving or replacing a favorite, and the page and location on the page of the favorite.

Favorites are also used for the TuneStart and TuneMix features. Refer to “TuneStart” on page 42 and “TuneMix” on page 43 for more information.

### Saving a Channel as a Favorite Channel

1. Tune to the channel you want to save as a favorite channel.
2. In the Swipe Area, swipe to **Favorites**.
3. Swipe up and down to display the favorite page in which you want to save the favorite channel.
4. Tap the button you want to assign to that favorite channel. Buttons which display a **+** do not have a channel assigned to them.
5. If the button you tapped already has a channel assigned to it, a selection screen will be displayed where you can **Cancel** (do nothing), **Delete** (delete the currently saved channel as a favorite channel), or **Replace** (replace the currently saved channel with the currently tuned channel).
6. A confirmation screen will be displayed when you save a favorite channel.



### Tuning to a Favorite Channel

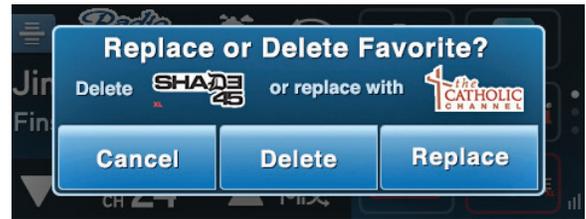
1. In the Swipe Area, swipe to **Favorites**.
2. Swipe up and down to display the page containing the favorite channel.
3. Tap the favorite channel button to tune to the channel. If you selected a favorite channel which is locked, you will be prompted to enter the lock code before the channel is tuned.

### Deleting or Replacing a Favorite Channel

1. If you are replacing a favorite channel, tune to the channel you want to save.
2. In the Swipe Area, swipe to **Favorites**.
3. Swipe up and down to display the page containing the favorite channel you want to delete or

replace.

4. Tap the favorite channel button you want to delete or replace.
5. A selection screen will be displayed where you can **Cancel** (do nothing), **Delete** (delete the currently saved channel as a favorite channel), or **Replace** (replace the currently saved channel with the currently tuned channel). Tap a button.

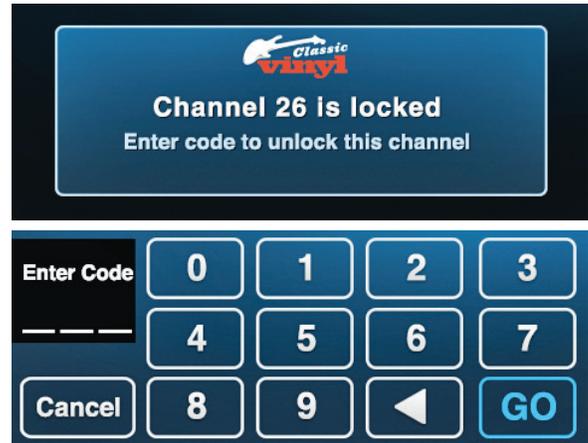


## Channel Lock

The channel lock feature allows you to lock access to individual channels. A 3-digit numerical code controls access to locked channels.

Locked channels are skipped when you tune channels using the **Channel Up/Down** icons ▼ ▲. When you browse a channel/category list, a lock icon is shown to the right of the channel number indicating it is locked. In the favorites page, locked channels are shown with a red border on the favorite button.

If you attempt to tune to a locked channel, either by using direct tune, through the channel/category list, or a favorite channel, you'll be prompted to enter your 3-digit code. When the correct code is entered, the channel will be tuned. All locked channels become unlocked and remain unlocked until you turn Commander Touch off, and back on. In the category list, the previously locked channels will show an unlocked icon.



### Turning Channel Lock On/Off

By default the Channel Lock feature is off. You'll need to select a lock code and turn the feature on before you can lock channels. You can also use the Channel Lock On/Off feature to temporarily disable Channel Lock. When you turn Channel Lock off, Commander Touch will remember the channels you had locked. When you turn Channel Lock on again, the channels will again be locked.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Channel Lock**.
2. At the **Channel Lock** screen tap **Set Lock Code** and you will be prompted to enter a lock code. Enter 3 digits and tap **Go**.
3. A confirmation screen will display the code you have entered. Make a note of the lock code and tap **OK**.
4. The **Channel Lock** screen will be displayed. Tap **Channel Lock On/Off** to turn the Channel Lock feature on or off.
5. Tap the **Back** icon in the upper left corner to exit.



### Locking and Unlocking Individual Channels

If you have not yet turned Channel Lock on, you'll need to follow the procedure above to turn Channel Lock on before you can lock or unlock channels.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Channel Lock**.
2. You will be prompted to enter the lock code. Enter the lock code and tap **Go**.
3. Tap **Lock/Unlock Individual Channels [ ]**.
4. Channels are listed according to category. Tap



individual channels to lock the channel. A lock icon will be displayed to the left of the channel number to indicate it is now a locked channel. (Tap a locked channel to unlock.)

5. Swipe left or right to change categories, and when you are finished locking or unlocking channels tap the **Back** icon in the upper left corner to exit.

6. The **Channel Lock** screen is again displayed, and the **Lock/Unlock Individual Channels [ ]** entry will show how many channels are currently locked. For example, **Lock/Unlock Individual Channels [9]** indicates 9 channels are locked.

7. Tap the **Back** icon in the upper left corner to exit.



## Setting All Locked Channels to Unlocked

There is a quick way to set every locked channel to unlocked at once, without having to unlock them one-by-one.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Channel Lock**.
2. You will be prompted to enter the lock code. Enter the lock code and tap **Go**.
3. At the **Channel Lock** screen swipe up and select **Unlock All Locked Channels**.
4. **Unlock All Locked Channels** will become dim confirming that there are no longer any locked channels.
5. Tap the **Back** icon in the upper left corner to exit.



## Changing the Lock Code

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Channel Lock**.
2. You will be prompted to enter the lock code. Enter the lock code and tap **Go**.
3. At the **Channel Lock** screen tap **Change Lock Code** and you will be prompted to enter a new lock code. Enter 3 digits and tap **Go**.
4. A confirmation screen will display the code you have entered. Make a note of the lock code and tap **OK**.
5. Tap the **Back** icon in the upper left corner to exit.



## Listening to a Locked Channel

There are several ways to tune to a channel which has been locked. One is to directly tune to the locked channel; another is to select the locked channel from the channel/category list, and if you have saved a locked channel as a favorite channel, you can tune the locked channel using favorites.

### To Directly Tune to a Locked Channel by Entering the Channel Number

1. Tap the **Channel Number** icon on the main display screen.

2. Tap the number buttons **0-9** to enter the channel number and wait a moment until the channel is tuned, or tap the **Go** icon to immediately tune to the channel.
3. You will be prompted to enter the lock code. Enter the lock code and tap **Go**.
4. If you have entered the correct lock code the channel will be tuned.



Note that all locked channels are now unlocked, and will remain unlocked until you power Commander Touch off and on again.

Also refer to “Directly Tuning Channels” on page 32.

### To Tune a Locked Channel from the Channel/Category List

1. Tap the **Channel/Category List** icon.
2. Tap the **Channels/Categories** button in the upper right corner to toggle between numerical order or category order for the channel list.
3. Tap and drag up and down to scroll through the channel list. If you are in category list mode, tap and drag left or right to change categories.
4. Once you have found the locked channel you want to tune to, indicated by the lock icon , tap the channel in the list.
5. You will be prompted to enter the lock code. Enter the lock code and tap **Go**.
6. If you have entered the correct lock code the channel will be tuned.



Note that all locked channels are now unlocked, and will remain unlocked until you power Commander Touch off and on again.

### To Tune a Locked Channel from Favorites

1. In the Swipe Area, swipe to **Favorites**, swipe up or down if necessary, and tap a locked favorite channel. Locked channels have a red border around the favorite channel button.
2. You will be prompted to enter the lock code. Enter the lock code and tap **Go**.
3. If you have entered the correct lock code the channel will be tuned.



Note that all locked channels are now unlocked, and will remain unlocked until you power Commander Touch off and on again.

### Forgotten Lock Code

If you have forgotten your lock code, it can be cleared by performing a factory reset. A factory reset will clear the lock code, turn off Channel Lock, and clear all locked channels. Refer to “Factory Reset” on page 52.

## Pause & Replay

Pause & Replay gives you the opportunity to “hear that again” by temporarily storing and then letting you access the stored content. For the currently tuned channel, you can pause and replay for as long as you have been tuned to the channel, up to a maximum of approximately 60 minutes.

You can also pause and replay up to approximately 30 minutes from channels which you have saved as favorite channels. (Refer to “Favorite Channels” on page 33 for more information on favorite channels.)

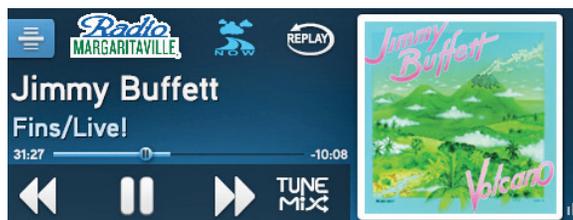
You can toggle between the channel and replay controls by tapping the **Replay** icon. Tapping **Play/Pause** or **Rewind** places the Commander Touch into pause & replay mode, and the time bar is displayed.



**TIP!** Turning Commander Touch off removes the temporarily stored content. Note that if the ACC (accessory) power connection is used, and the power option mode is set to **Standby mode**, and the delayed power mode is not set to **Off**, Commander Touch will continue to store content for the amount of time that was selected for delayed power mode, 10, 20, or 30 minutes. After the time selected for delayed power mode expires without power returning to the ACC power connection, Commander Touch will turn off and the temporarily stored content will be removed. Refer to “Power Options” on page 50 for more information.

### Using Play/Pause

1. Tap the **Replay** icon to display the replay controls.
2. Tap **Play/Pause** to pause the live broadcast. Commander Touch will mute the audio but continue to store live audio.
3. Tapping **Play/Pause** again will begin playing the stored audio from the point at which the Commander Touch was paused.



### Listening to the Previous Track or Program

1. Tap the **Replay** icon to display the replay controls.
1. Tap **Rewind** to rewind to the beginning of the current song or program.
2. Repeated taps of **Rewind** continues to skip backwards to the start of the previous song or program until the beginning of the stored audio is reached. When the beginning is reached, playback automatically begins.



**TIP!** Pressing and holding **Rewind** moves backwards through the stored audio in 10 second intervals.

### Listening to the Next Track or Program

1. Tap the **Replay** icon to display the replay controls.
1. Tap **Fast-Forward** to skip forward to the start of the next song or program.
2. Repeatedly pressing and releasing **Fast-Forward** skips forward to the beginning of the next song or program until the live broadcast is reached. Pause & replay will end when the live

broadcast is reached.



**TIP!** Pressing and holding **Fast-Forward** moves forward through the stored audio in 10 second intervals.

## **Returning to the Live Broadcast**

Pressing and holding the **Replay** icon while Commander Touch is in pause & replay exits pause & replay and resumes playing the live broadcast, and the channel controls are displayed.

## Traffic and Weather Now

The Traffic and Weather Now feature provides an up-to-date traffic and weather report for a selected city near your location. Tapping the **Traffic and Weather Now** icon plays the report.

### Selecting a City

If you have not yet selected a city near you, the first time you tap the **Traffic and Weather Now** icon you will be prompted to select a city. You can also change the selected city at any time.

1. If this is the first time you are selecting a city, tap the **Traffic and Weather Now** icon. If you had already selected a city, and wish to change the city, tap and hold the **Traffic and Weather Now** icon until the list of cities is displayed.
2. Tap and drag up or down the list of cities to find your desired city, and tap the city name.
3. A confirmation of the selected city will be displayed.

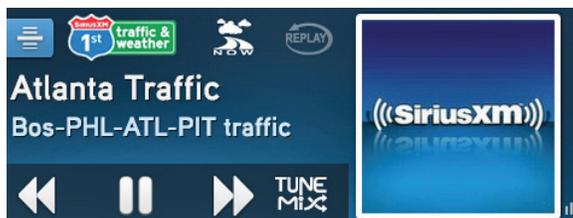


### Listening to a Traffic and Weather Now Report

When you first turn Commander Touch on, it may take several minutes for the traffic and weather report for the selected city to become available. When unavailable, the Traffic and Weather Now icon is gray. When a traffic and weather report is available, the Traffic and Weather Now icon changes from gray to blue. Once the traffic and weather report has been tuned, the icon will change back to white until a more recent report becomes available. It's possible that a newer report will become available while you are listening to a report. The icon will change to blue, and you can listen to the newer report by tapping the **Traffic and Weather Now** icon again.



1. Tap the **Traffic and Weather Now** icon to tune to the traffic and weather report. The channel you are currently listening to will be paused.
2. The report will play and when finished you will be returned back to the channel you were previously listening to.
3. If you wish to end the report, tap the **Traffic and Weather Now** icon or fast-forward to the end of the report by tapping **Fast-Forward**.
4. The channel you were listening to previous to the Traffic and Weather Now report will be tuned, and will begin playing from the point where you had selected the Traffic and Weather Now report. You are currently listening behind the live broadcast. If you want to return to live, tap and hold the **Replay** icon.



### Disabling Traffic and Weather Now

If you do not want to use the Traffic and Weather Now feature, you can disable it and remove the Traffic and Weather Now icon from the screen.

1. If you have not yet selected a city, tap the **Traffic and Weather Now** icon. If you had already selected a city tap and hold the **Traffic and Weather Now** icon until the list of cities is displayed.

2. Tap **Disable** at the beginning of the list of cities.
3. A confirmation will be displayed, and Traffic and Weather Now is disabled.

## Enabling Traffic and Weather Now

If you had previously disabled the Traffic and Weather Now feature, you can re-enable it.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Feature Settings**.
2. Tap **Traffic and Weather Now** to turn it to on.
3. Tap the **Back** icon in the upper left corner to exit.

If you had previously selected a city, Traffic and Weather Now will provide the report for the selected city. If you had not previously selected a city, you will need to do so. Refer to “Selecting a City” on page 40.



## TuneStart

TuneStart plays the current song from the beginning when you tune to a qualified music channel which you have saved as a favorite channel. (Refer to “Favorite Channels” on page 33 for more information on favorite channels.) A TuneStart will also occur if you tune back to the channel that was tuned immediately prior to the currently tuned channel.

Visually there will be no indication that a TuneStart has occurred and you are not listening live. When you tap the **Replay** icon, the time bar will be displayed showing that you are listening behind the live broadcast. If you wish to return to the live broadcast, tap and hold the **Replay** icon.

In order for a TuneStart to occur, the beginning of the song must be present in the TuneStart memory. If Commander Touch is powered on after a song has already begun to be broadcast, a TuneStart will not be possible for that song.

A TuneStart will only occur once per song. For example, if you tune to favorite music channel and a TuneStart occurs, then tune a different channel, and then tune back to the same favorite music channel while the same song is still playing, a TuneStart will not occur. However, if you want to hear the song from the beginning, you can always tap the **Replay** icon to display the replay controls, and tap **Rewind** to return to the beginning of the song.



**NOTE!** Certain music channels are not eligible for TuneStart due to the way in which they are broadcast. While these music channels can be saved as favorites, a TuneStart will not occur for these channels.

### Turning TuneStart On and Off

TuneStart is on by default.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Feature Settings**.
2. Tap **TuneStart** to toggle between **On** and **Off**.
3. Tap the **Back** icon in the upper left corner to exit.



## TuneMix

TuneMix plays songs in a unique mix from the music channels you have saved as favorites, allowing you to build a single blended music channel of 2 - 18 channels, or three blended music channels from 2 to 6 music channels each.

When in **Bank** mode, TuneMix uses the music channels from the currently selected favorite page in the Swipe Area for the TuneMix channel. This allows you to create three blended music channels with different listening experiences, for example, *rock* music in one favorite page, *pop* music in another favorite page, and *country* music in another. When in **All Channels** mode, TuneMix uses the music channels from all favorite pages.

**Bank** or **All Channels** mode can be selected by tapping the **Feature Settings** button in **Settings** in the Swipe Area.

### Tips for Obtaining the Best Experience from TuneMix

Familiarize yourself with the following tips to help you obtain the best experience from TuneMix:

- The more music channels you save as favorites, the more songs TuneMix will have to play. For best results, save a minimum of three music channels as favorites.
- Certain music channels are not eligible for TuneMix due to the way in which they are broadcast. While these music channels can be saved as favorites, they will not be included in TuneMix. TuneMix only uses qualified music channels.
- If you turn Commander Touch off while TuneMix is playing, Commander Touch will resume playing TuneMix when turned back on.

### Listening to TuneMix

1. First save a minimum of two qualified music channels to a favorite page. Refer to “Favorite Channels” on page 33 to learn how to save favorite channels.
2. When in **Bank** mode, make sure the favorite page from which you want TuneMix to play is the current favorite page by swiping to **Favorites** and swiping up or down to the desired favorite page. You can always swipe to display something else in the Swipe Area, such as album art, and the selected favorite page will remain the current favorite page for TuneMix. **All Channels** mode will play songs from qualified music channels from all favorite pages.
3. Tap the **TuneMix** icon to begin. If any of the TuneMix channels are locked, you will be prompted to skip the locked the channels and continue TuneMix without those channels, or to unlock those channels. If you choose to unlock, you will be prompted to enter the lock code. If you don't make a choice, TuneMix will play without the locked channels.
4. The TuneMix icon will turn blue to indicate that Commander Touch is in TuneMix mode. Songs that you don't want to listen to can be skipped by tapping the **Fast-Forward** icon. You can also pause TuneMix by tapping the **Play/Pause** icon, or rewind by tapping the **Rewind** icon.



5. When in **Bank** mode, you can change the TuneMix channel by changing the favorites page. Swipe to **Favorites**, and swipe up or down to change the current favorites page.
6. To end TuneMix and continue listening to the channel currently playing in TuneMix tap the **TuneMix** icon. To end TuneMix and return to the channel you had been listening to prior to TuneMix tap and hold the **TuneMix** icon.



## Changing the TuneMix Listening Mode (Bank/All Channels)

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Feature Settings**.
2. Tap **TuneMix** to toggle between **Bank** or **All Channels**.
3. Tap the **Back** icon in the upper left corner to exit.



Settings provides information about Commander Touch, and allows you to change the configuration settings.

There are two pages of choices in Settings. In the Swipe Area, swipe to **Settings**. Swipe up or down to display the settings pages, and tap a settings button.



## About

**About** provides information about your Commander Touch, and also allows you to update the Commander Touch software.

### Radio ID

This is the unique identification number of your Commander Touch. You will need to provide this number when subscribing your Commander Touch.



### Subscription Status

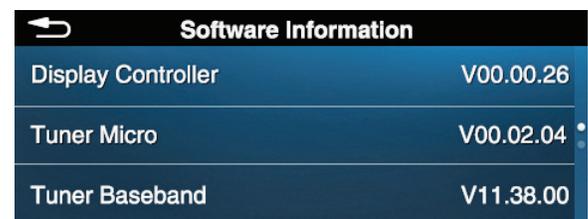
This is the status of the SiriusXM subscription for your Commander Touch. Possible statuses are:

- **Unsubscribed:** Your Commander Touch is not subscribed to the SiriusXM service. Go to [www.siriusxm.com/activatenow](http://www.siriusxm.com/activatenow) to access or set up an online account, subscribe to the service, and activate your Commander Touch, or call **1-866-587-4225**. (If calling to activate, be sure to mention “Never Miss A Beat”.)
- **Subscribed:** Your Commander Touch is currently subscribed to the SiriusXM service.
- **Suspended:** Your Commander Touch subscription is suspended. Please call SiriusXM Listener Care at **1-888-601-6296**, or if you have set up an online account, go to [www.siriusxm.com](http://www.siriusxm.com) and login and check your account status.

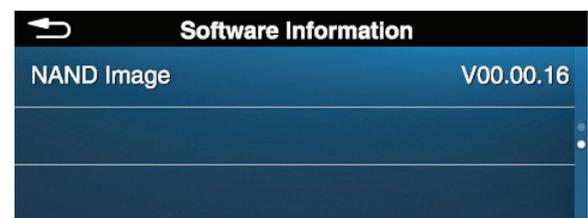
### Software Information

This displays the version numbers of the software in your Commander Touch.

You should to check if a newer software version is available for your Commander Touch. Tap **Software Information** to display the current versions of the Commander Touch system software. Then go online to [www.siriusxm.com/commandertouch](http://www.siriusxm.com/commandertouch) and compare software versions. If there is a newer software version available, follow the steps in the next section to perform a software update.



If you are having difficulty with, or have a question about, your Commander Touch, and call SiriusXM Listener Care or go online to chat with a SiriusXM support team, they may ask for the software version of your Commander Touch.



## Software Update

SiriusXM may occasionally release a system software update for Commander Touch. The update can be installed by connecting a USB Flash Drive with the software update to the micro USB port located at the bottom of the Display Controller.

Refer to “Step 6: Update the Commander Touch Software” on page 24 for detailed instructions on how to update the software.



## FM

**FM** is used when your Commander Touch has been installed using the FM2A25 FM Direct Adapter. The FM setting allows you to turn the FM transmitter on and off, and to set and select FM channels and presets. Note that if there is no connection to the FM output of the Tuner Module, when you tap FM and advisory will tell you **There is no connection to FM out.**

Creating FM presets is an easy way to change FM channels if you encounter any audio interference. You can preselect 4 FM channels, and then easily switch between them with a tap. Remember that when you change the FM channel that you also need to set your vehicle’s FM radio to the same FM channel.

### Turning the FM Transmitter On or Off

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **FM**.
2. Tap the button at the lower left toggle between **FM On** and **FM Off**.
3. When you turn FM off, an advisory will tell you that the audio is enabled through the AUX output. Tap the **OK** button.

When you turn FM on, an advisory will tell you the FM channel, and to set you vehicle radio to the same FM channel. Tap the **OK** button.

4. Tap the **Back** icon in the upper left corner to exit.



### Saving FM Channel Presets

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **FM**.
2. Tap the up ▲ and down ▼ icons to change the FM channel. The new FM channel is immediately tuned.
3. Tap one of the 4 preset buttons at the bottom of the screen. You can tap an empty FM preset button with a + to set a new FM preset, or tap an existing FM preset button to change it to the new FM channel.
4. An advisory will tell you the FM channel, and to set you vehicle radio to the same FM channel. Tap the **OK** button.
5. Tap the **Back** icon in the upper left corner to exit.



### Selecting an FM Channel or FM Preset

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **FM**.
2. To select an FM channel, either tap the up ▲ and down ▼ icons to change the FM channel and immediately tune the FM channel, or tap one of the 4 preset buttons at the bottom of the screen to tune the FM channel. (If you tap an empty FM preset button with a + the FM channel will be saved as a new FM preset. If you tap an existing FM preset button it will change the FM preset to the new FM channel.)
3. Tap the **Back** icon in the upper left corner to exit.

## Display Options

**Display Options** allows you to change the brightness of the of the display screen. You can set the brightness for day and night, and also select the mode.

### Changing the Display Mode

The display mode can be set three different ways:

- **Auto:** Commander Touch will automatically adjust the screen brightness to the brightness setting you have selected for day and for night if the Illumination wire has been connected to your vehicles lighting system. When the lights are on, the display will change to the Night setting. When the lights are off, the display will change to the Day setting.
- **Day:** The screen brightness will always be at the brightness setting you have selected for day.
- **Night:** The screen brightness will always be at the brightness setting you have selected for night.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Display Options**.
2. Tap **Display Mode** and tap the desired mode button, **Auto**, **Day**, or **Night**.
3. Tap the **Back** icon in the upper left corner to exit.



## Changing the Day/Night Brightness Level

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Display Options**.
2. Tap **Brightness Level - Day** or **Brightness Level - Night**.
3. Tap the left ◀ icon to decrease the brightness and the right ▶ icon to increase the brightness.
4. Tap the **Back** icon in the upper left corner to exit.



## Audio Level

Audio Level allows you to adjust the audio output level for both AUX and FM outputs.

### Adjusting the Audio Output Level

The audio level output should be used to adjust the audio volume to match the vehicle's stereo system, for AM/FM, CDs, or other audio output. Do not use the audio output level as a volume control. Use the volume control on your vehicle's stereo instead.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Audio Level**.
2. Tap **Audio Output Level**.
3. Tap the left ◀ icon to decrease the audio output level and the right ▶ icon to increase the audio output level.
4. Tap the **Back** icon in the upper left corner to exit.



**NOTE!** The Audio Output Level adjusts both the AUX output and the FM output simultaneously. For FM we recommend starting at the MAX level and turning it down only if it is too loud compared to your other FM channels.



## Channel Lock

Refer to “Channel Lock” on page 35 for details on Channel Lock.

## Feature Settings

**Feature Settings** allows you to turn the TuneStart, Traffic and Weather Now, and Audible Beep features on and off, and also change the TuneMix listening mode to Bank or All Channels.

### Turning TuneStart On and Off

Refer to “TuneStart” on page 42 for more information about TuneStart.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Feature Settings**.
2. Tap **TuneStart** to toggle between **On** and **Off**.
3. Tap the **Back** icon in the upper left corner to exit.



### Turning Traffic and Weather Now On and Off

Refer to “Traffic and Weather Now” on page 40 for more information on Traffic and Weather Now.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Feature Settings**.
2. Tap **Traffic and Weather Now** to toggle between **On** and **Off**.
3. Tap the **Back** icon in the upper left corner to exit.

### Changing the TuneMix Listening Mode (Bank/All Channels)

Refer to “TuneMix” on page 43 for more information on the TuneMix Bank and All Channels modes.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Feature Settings**.
2. Tap **TuneMix** to toggle between **Bank** (only channels saved on the current page of favorites) and **All Channels** (all music channels that you have saved on any of the favorite pages).
3. Tap the **Back** icon in the upper left corner to exit.

### Turning Audible Beep On and Off

Audible Beep controls whether a beep sound will occur when an advisory or alert is displayed.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Feature Settings**.
2. Swipe up and tap **Audible Beep** to toggle between **On** and **Off**.
3. Tap the **Back** icon in the upper left corner to exit.

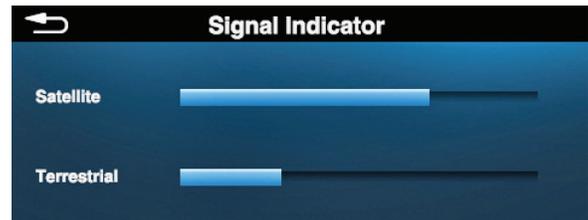


## Signal Indicator

**Signal Indicator** will visually display the strength of the satellite and terrestrial signals being received.

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

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Signal Indicator**.
2. Tap the **Back** icon in the upper left corner to exit.



## Power Options

**Power Options** allow you to set how Commander Touch behaves when the power button is pressed to turn Commander Touch off, and when power is removed from the ACC (accessory) power connection.

There are two modes, **Standby Mode** and **Sleep Mode**. **Standby Mode** requires that the ACC (accessory) power connection is connected to the ACC connection in your vehicle. If instead your installation connected the ACC power connection together with the BAT (battery) power connection, Commander Touch can only function in **Sleep Mode**.

SiriusXM strongly recommends that you properly connect the ACC line and use Standby Mode. Sleep mode should only be used for installations where the vehicle does not have a switched power source for the ACC connection.

1. **Standby Mode:** Standby mode has two types of behavior, depending upon whether the ACC (accessory) power connection has power.
  - **ACC power connection has power (when the vehicle's ignition is on):** Pressing the Power button for one second will turn off the display screen, turn off the FMDA25 FM Direct Adapter (if used in the installation), and turn off the Power button light. The tuner will remain on and the channel content will be temporarily stored. When the Power button is pressed again, the screen will turn back on, and the channel will play.



**TIP!** A typical scenario would be where your vehicle is running, but you wanted to turn Commander Touch off so you could listen to something else on the vehicle's stereo system, like the AM or FM radio, but wanted to return to the channel you were listening to on SiriusXM and not miss anything.

- **ACC power connection does not have power (when you turned the vehicle's ignition off):** If the Delayed Power Off Mode is set to **Off**, Commander Touch will turn off. You will need to press the Power button to turn it on again.

If the Delayed Power Off Mode is set to 10, 20, or 30 minutes, the display screen, the FMDA25 FM Direct Adapter (if used in the installation), and the Power button light will turn off. The tuner will remain on, the current channel will be paused, and the channel content will be temporarily stored. If power is restored to the ACC power connection (the vehicle's ignition is turned back on) before the delayed power off time expires (10, 20, or 30 minutes), the screen will turn back on, and the channel will resume playing from the point where it was paused. If the delayed power off timer expires before power is restored to the ACC power connection, Commander Touch will turn itself off.



**TIP!** A typical scenario would be where you needed to exit your vehicle for a short time, perhaps to grab a cup of coffee. You'd turn the ignition off, do the errand, return before the delayed power off time expired, and restart the vehicle. Commander Touch would automatically turn back on, and begin playing from the point where you had turned the vehicle off. The delayed power off timer protects your vehicle from a dead battery by turning Commander Touch off if you are unable to return to the vehicle within 10, 20, or 30 minutes.

- 2. Sleep Mode:** In Sleep Mode, when either the power button is pressed for one second, or the ACC power line does not have power (typically when you turn the vehicle off), Commander Touch will turn off. You will need to press the Power button to turn it on again.

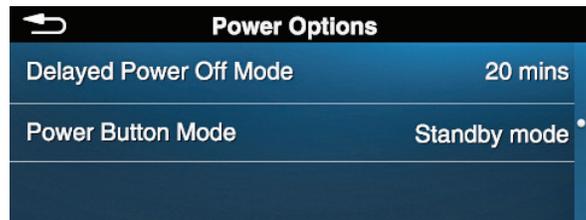


**CAUTION!** Sleep mode is only recommended for installations where the vehicle does not have a switched power connection for the ACC to be connected. Sleep mode will turn OFF Commander Touch, but there will still be some extra current consumption that can lead to battery drain if left in this mode for long periods.

## Setting the Delayed Power Off Mode Timer

This setting is only used when the Power Button Mode is set to **Standby mode**.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Power Options**.
2. Tap **Delayed Power Off Mode**.
3. Tap **Off**, **10 minutes**, **20 minutes**, or swipe up and tap **30 minutes**.
4. Tap the **Back** icon in the upper left corner to exit.



## Setting the Power Button Mode

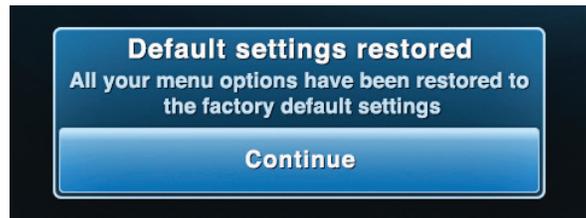
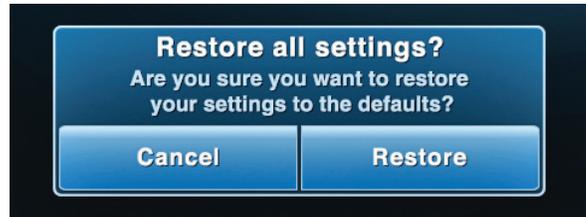
1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Power Options**.
2. Tap **Power Button Mode**.
3. Tap **Standby mode** or **Sleep mode**.
4. Tap the **Back** icon in the upper left corner to exit.



## Factory Reset

Factory Reset restores Commander Touch back to the factory settings. All configuration changes will be reset, the lock code deleted, and all favorite channels deleted.

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Factory Reset**.
2. You will be prompted to confirm that you want to proceed with the factory reset. Tap **Restore** to proceed or tap **Cancel** if you changed your mind and do not want to proceed with the factory reset.
3. A confirmation screen will verify that Commander Touch has been reset to the factory settings. Tap **Continue** and you will be returned to the main display screen.



## Demo Mode

**Demo Mode** is a demonstration of several of the features and display screens of Commander Touch.

Demo mode starts automatically when, for a period of time (approximately one hour), Commander Touch detects it's not connected to the antenna, or the antenna stops receiving a signal. Demo mode ends when the antenna is connected properly or when a signal is received again.

If desired, you can also manually put Commander Touch in demo mode. You can exit demo mode at any time by tapping the main display screen.

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

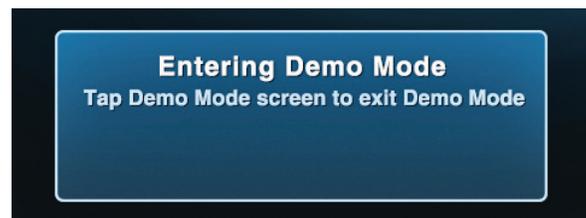
### Turning the Demo Mode On and Off

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Demo Mode**.
2. Tap **Demo Mode On/Off** to toggle between **On** and **Off**.
3. Tap the **Back** icon in the upper left corner to exit.



### Manually Entering Demo Mode

1. In the Swipe Area, swipe to **Settings**, swipe up or down if necessary, and tap **Demo Mode**.
2. Tap **Enter Demo Mode**.
3. You will be advised that Commander Touch is



entering the Demo Mode.

4. Tap the screen to exit Demo Mode.
5. You will be prompted whether you want to exit Demo Mode. Tap **Confirm** to exit Demo Mode.
6. Tap the **Back** icon in the upper left corner to exit.



Commander Touch has been designed and built to be trouble-free but if you experience a problem, try this:

- Check that all connections are firm and secure.
- Make sure you have installed Commander Touch as described in this User Guide.

If screen displays:	Try this:
Check Antenna	<p>The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.</p> <p>Verify that the antenna cable is connected to the Tuner Module.</p> <p>Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is damaged.</p> <p>SiriusXM products are available at your local car audio retailer or online at <a href="http://www.shop.siriusxm.com">www.shop.siriusxm.com</a>.</p>
Check Tuner	<p>Check the connections to Tuner Module that all connections are firmly and securely plugged in.</p>
No Signal	<p>The SiriusXM Commander Touch is having difficulty receiving the SiriusXM satellite signal.</p> <p>Verify that your vehicle is outdoors with a clear view of the sky.</p> <p>Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface on the outside the vehicle.</p> <p>Move the SiriusXM antenna away from any obstructions.</p> <p>Inspect the antenna cable for damage and kinks.</p> <p>Consult the SiriusXM Commander Touch User Guide for more information on antenna installation. Replace the antenna if the cable is damaged.</p> <p>SiriusXM products are available at your local car audio retailer or online at <a href="http://www.shop.siriusxm.com">www.shop.siriusxm.com</a>.</p>
Subscription Updated	<p>The radio has detected a change in your SiriusXM subscription status.</p> <p>Tap OK to clear the message.</p> <p>Visit <a href="http://www.siriusxm.com">www.siriusxm.com</a> or call <b>866-635-2349</b> if you have questions about your subscription.</p>
Channel XXX Unavailable	<p>The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first powering on Commander Touch.</p> <p>Visit <a href="http://www.siriusxm.com">www.siriusxm.com</a> for more information about the SiriusXM channel lineup.</p>
Channel Not Subscribed	<p>The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.</p> <p>Visit <a href="http://www.siriusxm.com">www.siriusxm.com</a> or call <b>866-635-2349</b> if you have questions about your subscription package or would like to subscribe to this channel.</p>
Channel Locked	<p>The channel that you have requested is locked by the radio's Channel Lock feature. See "Channel Lock" on page 35 for more information on the Channel Lock feature and how to access locked channels.</p>

If this happens:	Try this:
You do not receive all the channels to which you subscribed	<p>Ensure that you have subscribed to the service by following the steps in “Step 5: Subscribe” on page 23.</p> <p>Go to <a href="http://www.siriusxm.com/refresh">www.siriusxm.com/refresh</a> and follow the directions to refresh your Radio.</p> <p>Call <b>866-635-2349</b> for further assistance.</p>
Audio sounds too soft	<p>Raise the volume of your stereo system or increase the audio output level of Commander Touch until the sound quality improves. Refer to “Audio Level” on page 48.</p>
No audio when using the Aux In Cable	<p>Check all cables between your Commander Touch and your vehicle’s stereo system for a firm and secure connection.</p> <p>Ensure you have selected the AUX input source on your vehicle’s stereo system.</p> <p>Increase the audio output level of Commander Touch. Refer to “Audio Level” on page 48.</p>
Audio fades or has static when listening	<p>Check all cables for a firm and secure connection.</p>
No audio when using FMDA25 FM Direct Adapter	<p>Check that your Commander Touch and your vehicle’s FM radio are tuned to the same FM channel.</p>
No song title or artist name is displayed	<p>The information may not be available or updates may be in progress.</p>
Traffic and Weather Now sounds different from other channels	<p>These channels use a different audio technology than other channels so they often sound different from other channels.</p>
The demo is playing	<p>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.</p> <p>Tap the display screen to exit Demo Mode.</p> <p>You can disable Demo Mode. Refer to “Demo Mode” on page 52.</p>
TuneMix does not function as expected	<p>There may be several possible reasons:</p> <p>You have not saved enough qualified music channels as favorites. Save a total of at least two favorite music channels on a favorite page.</p> <p>If TuneMix is set to Bank mode, swipe to the favorites page to be sure it is the current favorite page.</p> <p>Also refer to “Tips for Obtaining the Best Experience from TuneMix” on page 43.</p>
Not all music channels saved as favorite channels are playing in TuneMix	<p>Certain music channels are not eligible for TuneMix due to the way in which they are broadcast. While these music channels can be saved as favorites, they will not be included in TuneMix.</p>

## **System**

Power Requirements	11 - 16 VDC (12 V nominal), 2 A (max)
Operating Temperature	-4°F to +158°F (-20°C to +70°C)
Audio Output	0.1 - 2.0 Vrms peak (7 steps)

## **Display Controller**

Display Type	Full Color LCD
Input Operation	Capacitive Touch (single point)
Resolution	480 px x 180 px
Cable Length	6.5 ft (2 m)
Dimensions (WxHxD)	4.1 in x 1.69 in x 0.48 in (105 mm x 43 mm x 12.3 mm)
Weight	3.88 oz (110 g)

## **Tuner Module**

Connections	Power, Display, Antenna, FM, AUX
Dimensions (WxHxD)	3.99 in x 2.23 in x 0.89 in (101.5 mm x 56.5 mm x 22.7 mm)
Weight	2.5 oz (71 g)

## **Vehicle Antenna**

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

## **FMDA25 FM Adapter**

Dimensions (WxHxD)	1.75 in x 1.0 in x .6875 in (44.5 mm x 25.5 mm x 17.5)
Satellite Radio FM Cable Length	6 ft (1.82 m)
FM Radio Plug Motorola (Male) length	8 in (203 mm)
FM Antenna Jack Motorola (Female) length	8 in (203 mm)
Weight	2.1 oz (60 g)

## **Aux Audio Cable**

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

## **Power Harness**

Wires	BAT (Yellow), ACC (Red), GND (Black), ILL (Orange)
In line fuse (BAT Wire)	4 A (AGC Type)
Length	19.7 in (0.5 m)
Weight	0.8 oz (13 g)

## **Flush Kit**

### ***Flush Mounting Cup***

Dimensions (outer) (WxHxD)	5.3 in x 2.17 in x 0.77 in (135 mm x 55mm x 19.6 mm)
Dimensions (cut out) (WxHxD)	4.33 in x 1.89 in (110 mm x 48 mm)
Weight	1.6 oz (44 g)

**Screws**

Quantity . . . . . 4 each  
Type . . . . . M4 x 8  
Weight (each) . . . . . 0.04 oz (1 g)

**Brackets**

Quantity . . . . . 2 each  
Dimensions (WxHxD) . . . . . 0.5 in x 3.12 in x 0.03 in  
(12.7 mm x 79.2 mm x 0.70 mm)  
Weight (each) . . . . . 0.2 oz (6 g)

**Removal Tool**

Dimensions (WxHxD) . . . . . 0.5 in x 1.1 in x 0.03 in  
(12.7 mm x 28 mm x 0.70 mm)  
Weight . . . . . 0.04 oz (1 g)

## **Patent Information**

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

Perchlorate Material - special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate) (Applicable to California, U.S.A.)

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

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

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the installation instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

## **IMPORTANT NOTICE: REQUIRED SUBSCRIPTION**

Hardware and subscription sold separately, and activation fee required. Other fees and taxes may apply. **Subscriptions governed by SiriusXM Customer Agreement; see [www.siriusxm.com](http://www.siriusxm.com). Service automatically renews into the subscription Package you choose (which may differ from the Package which arrived with the Radio), for additional periods of the same length, and automatically bills at then-current rates, after any complimentary trial or promotional period ends. You must call us to cancel at 1-866-635-2349.** Fees and programming are subject to change.

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**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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

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: SXVCT1

Radio ID: \_\_\_\_\_

**Sirius XM Radio Inc.  
1221 Avenue of the Americas  
New York, NY 10020  
1.866.635.2349**

**[siriusxm.com](http://siriusxm.com)**