

DELPHI
SA10085

User Guide

Roady²

Satellite
Radio
Receiver



SATELLITE
RADIO



Important: This manual contains important safety and operating information. Please read and follow the instructions in this manual. Failure to do so could result in personal injury, death, and/or damage to your Roady2 and/or to your vehicle.

FCC ID: RS2SA10085

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, and**
- 2. This device must accept any interference received, including interference that may cause undesired operation.**

IMPORTANT: The FCC and FAA have not certified the Delphi XM Roady2 Satellite Radio Receiver for use in any aircraft (neither portable nor permanent installation). Therefore, Delphi cannot support this type of application or installation.

Welcome

Thank you for purchasing a Delphi XM® Roady2™ Satellite Radio Receiver. Your Roady2 gives you access to over 120 XM Satellite Radio channels of music, news, and information from coast-to-coast.*

Your Roady2 must be used with the enclosed connecting devices (or other approved accessories) to ensure maximum performance and safety.

*XM subscription required for reception. Not available in Alaska or Hawaii.



Caution: Do not modify or alter wires or connections in any way. Shortening wires or connections may prevent proper functioning of the protection circuit. Doing so may damage your receiver and will void your warranty.

About Roady

Roady2 is the latest in the acclaimed line of portable devices from Delphi and XM Satellite Radio and represents the best in audio technology. The smallest and lightest satellite radio receiver currently available, Roady2 is always ready to go with you. Just plug it in and go! Roady2 now contains an integrated wireless FM modulator (that lets you play XM through an empty frequency on the FM dial of your car or home radio) for the ultimate in convenience, and a stock ticker that will let you track up to 20 of your favorite stocks while listening to any XM channel.

About Delphi

Delphi is a worldwide leader in mobile electronics and transportation components of audio technology. Delphi created the first in-dash car radio decades ago, and is responsible for many audio innovations through the years. Now Delphi technology has helped make satellite radio a reality, and Delphi continues to expand its in-vehicle and consumer electronics technologies. Delphi has a broad portfolio of products to answer a wide variety of information and entertainment needs.

About XM

One big idea can change everything. And XM Satellite Radio is one big idea: Radio to the Power of X[®]. America's most popular satellite radio service offers over 120 digital channels of sheer variety: music, sports, talk, comedy, drama, news, traffic and weather, kids programming, and more. All 68 XM music channels are 100 percent commercial-free, and XM's instant traffic and weather channels provide the most comprehensive, in-depth information on traffic incidents, delays, and road conditions available on radio. These services are available for a low monthly subscription, and additional devices may qualify for a reduced subscription fee through the XM Family Plan.

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Getting Started: Activating Rody2

To quickly begin enjoying Delphi XM Satellite Radio, follow these simple steps:

1. Set up your Rody2 using the installation instructions in Section 5 of this guide (see page 17) or with the help of a professional installer.
2. Press the power button to turn your Rody2 on and verify that it is playing Channel 1, the XM Preview Channel.
3. Select Channel 0. The receiver's eight-character XM Satellite Radio ID number will appear on the display. Write the number here:

--	--	--	--	--	--	--	--

Note: Carefully check your XM Radio ID. The letters I, O, S, and F are not used.

4. Activate your XM Satellite Radio service. To subscribe, make sure you have a major credit card and your XM Satellite Radio ID number handy and contact XM at <http://activate.xmradio.com>. You can also activate your service by calling 1-800-852-9696.

Note: You will need to keep your Rody2 on for at least one hour after activation and installation to receive the full channel lineup.



Warning: When using this product it is always important to keep your eyes on the road and your hands on the wheel. Not doing so could result in injury to you or to others or in property damage.



Caution: Failure to properly follow all installation instructions may result in personal injury or damage to your Rody2 or to your vehicle.

Roady2 Receiver

Roady2 Display Screen

While tuned to an XM channel, the Roady2 default display contains information about that channel and the Roady2 settings. See figure 1.

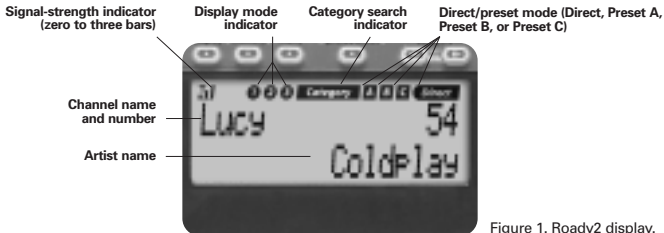


Figure 1. Roady2 display.

Roady2 Controls

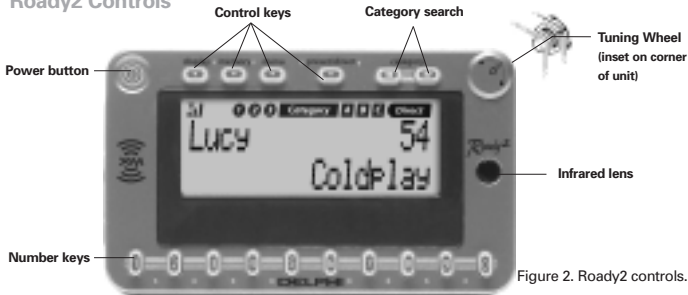


Figure 2. Roady2 controls.

The Roady2 unit has seven function buttons, a Tuning Wheel, and 10 number keys.



Turns the Roady2 on or off.

display



The display button toggles between four display options:

1. Channel name, channel number, artist name
 2. Channel name, channel number, song title
 3. Artist name, song title
 4. Artist name, stock ticker
-

memory



Press Memory to save artist name and song title information. Press and hold memory key to recall information (or access this information from “Memory Recall” in the menu).

menu



Press Menu to select and change receiver configuration options. Pressing Menu when in menu mode will allow the user to back out to the previous level.

preset/direct



Switches between Direct Entry, Preset A, Preset B, and Preset C.

category



Enters category search and displays channels grouped by category. Continued presses step through available categories. Use the Tuning Wheel to scroll through channels within a category; press the Tuning Wheel *in* to select a channel. Category search times out after approximately 8 seconds if no channels are selected.




Use the Tuning Wheel to scroll through channel or menu options. Pressing the Tuning Wheel *in* selects a channel or menu option.



Number keys are used to select a channel directly (when in Direct Entry mode), and to select or set presets when in a Preset mode.


Basic Operations

Turning Rody2 On and Off

Press  on the Rody2. When first turned on, the receiver will automatically tune in to the last channel listened to and recall the previous settings.

Basic Channel Selection


Select a channel by number

1. Make sure that Rody2 is in Direct Entry mode. “Direct” should appear in the upper right corner of the display. If A, B, or C appears, press  until the display says “Direct.”
2. Enter channel number using the number keys, *i.e.*, 5 then 0 for Channel 50.


Set/select channel presets

Your Rody2 can store up to 30 preset channels. They are organized into three different groups (Preset A, Preset B, and Preset C), each with 10 channels corresponding to the 10 number keys. For the tenth preset in each group, press the “0” key.

Selecting channel presets

Press  until an A, B, or C appears in the upper right corner of the display. Press the number key corresponding to the desired preset.

Setting channel presets

1. Tune in the channel you want to register as a preset, making sure it is playing.
2. Select either Preset A, Preset B, or Preset C by pressing  until an A, B, or C appears in the upper right corner of the display.





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3. Press and hold the number key corresponding to the preset you would like to set. The receiver will beep to indicate that the preset is registered.
4. When you first get Roady2, all presets go to Channel 1.

Preview and select channels using the Tuning Wheel

You can use your Roady2 to preview the XM channel lineup, see what is currently playing, and then decide if you want to leave your current channel.





1. Turn the Tuning Wheel  repeatedly (hold to move quickly) to scroll through the channel lineup.
2. Select a channel by pressing the Tuning Wheel  *in*. If you do not select a channel, the display will time out and return to the channel you are listening to.

Tune to a channel using the Tuning Wheel (option)

Preview mode can be disabled, allowing you to tune up and down the channel list using the Tuning Wheel  without having to take the separate step of pressing it *in* to select a channel. To activate this mode, go to the “Direct Tune” option in the menu section and turn Direct Tune on.

Select a channel by category

Press either of the category keys   to enter category search.

1. Continue pressing one of the category keys   until a category you are interested in appears.
2. Use the Tuning Wheel  to scroll through channels within each category.
3. Press the Tuning Wheel  *in* to select a channel.
4. If you do not select a channel, category search will time out after several seconds.




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Figure 3. Roady2 screen displays.




Changing the Display

Pressing  lets you change what is shown on your two-line Roady2 display during normal listening from among four options:

- Display mode 1 (factory default): Shows the channel name and channel number on the first line and the artist name on the second line.
- Display mode 2: Shows the channel name and number on the first line and shows the song title on the second line.
- Display mode 3: Shows the artist on the first line and the song title on the second line.
- Display mode 4: Shows the artist name on the first line and a scrolling stock ticker on the second line.

Save and Recall Artist Name and Song Title Information





You can save the artist name and song title on the current channel for future reference.

1. Press and release  to save the current screen information. Up to 20 different artist and song titles can be saved, after which any new information that is saved will replace the oldest information in memory.
2. To recall saved information, press and hold  for 3 seconds. Next, use the Tuning Wheel  to display each saved artist name/song title. You can also access this information from the menu through "Memory Recall."





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Menu


Press  to enter the menu section of Rody2. Here, you can change each of the following options using the Tuning Wheel . Select the highlighted item by pressing the Tuning Wheel  in. While in the menu section,  acts as a “back” button, allowing you to back out of existing sections. Following are the settings that can be changed:

FM Frequency (only available when FM modulator is turned on)

Rody2's internal FM modulator can be used to send the audio to a nearby radio using an unused FM band. It is automatically turned on whenever the audio jack  is unplugged from the side of Rody2. This menu command allows you to use the Tuning Wheel  to select the FM rebroadcast frequency.

First, make sure that your Rody2 is turned off. Then, find an open FM frequency on your car (or home/portable) radio by using its tuning knob or buttons to sample the following frequencies, selecting the one that does not have an existing FM radio station on it and has the least amount of interference from neighboring FM stations:

88.1 88.3 88.5 88.7 88.9 106.7 106.9 107.1 107.3 107.5 107.7 107.9

Next, turn on your Rody2, ensure that there are no connectors (such as the cassette tape adaptor connector) in the audio jack, select the “FM Frequency” option in the menu, and turn the Tuning Wheel  to the desired frequency and press in to select that frequency.

If you hear static in the XM programming, repeat the steps in the previous two paragraphs using a different open FM frequency. Repeat this process for





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each available frequency until you have found an optimal frequency. In the rare circumstance that you cannot find an acceptable open frequency, change to a hard-wired FM modulator configuration using the separately available FM Modulator Direct Wiring Adaptor described in the Available Accessories section on page 29.

Note that you may need to repeat this procedure if you travel to areas with different FM stations in order to ensure the most static-free performance.

In order to optimize the performance of this feature, the XM antenna should be installed near your vehicle's FM antenna following the procedure on page 22.

Screen Color

Change the color of the display by simply using the Tuning Wheel  to scroll through the seven color choices. Select a new color by pressing the Tuning Wheel  in.

Contrast

This control allows you to adjust the contrast of your display.

Audio Level

Use this to adjust the Roady2 audio-output level if it is too high, causing distortion, or too low for your car. Most users will NOT need to change this level from the factory setting. This is not a volume control. You should set the volume using the audio system connected to your Roady2.

When in FM modulator mode (by leaving the audio jack on the side of Roady2 unplugged), this menu selection will instead read "FM Audio Level" and will let you select from a limited number of FM audio level settings.





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Antenna Aiming

When using the optional home kit, you can optimize the position of your home antenna using this screen. For optimal performance, your home antenna should be positioned to maximize the satellite signal received by your Roady2.

TuneSelect™

Using this function, you can program your Roady2 to alert you with a tone when a favorite song is playing on a channel other than the one you are listening to.



1. While the song is playing, press and hold the Tuning Wheel  *in* for 2 seconds. Roady2 will beep and display “Song Selected” on line 1 of the display for 2 seconds, then return to normal display for the current song. Up to 20 songs may be stored in the TuneSelect list. Once the list is filled, a new entry will replace the oldest item on the list. You can erase songs from your TuneSelect list by going into the menu and choosing TuneSelect. Then, follow your options to erase specific song titles or clear out all titles.
2. When the song plays again on any channel other than the one you are currently listening to, your Roady2 will beep and display an alert notice. “Song Found” will appear on line 1 and the name of the song on line 2 for 5 seconds.
3. While the “Song Found” alert is displayed, push the Tuning Wheel *in* to switch to the channel playing the song. If the Tuning Wheel  is not pressed while the alert is displayed, TuneSelect will time out and return to normal display mode.



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Stock Ticker

This feature lets you track your favorite stocks and indices by “Scroll” (default) or by “Pages”*, selectable in the “Display Mode” option of the “Stock Ticker” menu. You can enter up to 20 favorite stock symbols and indices, tracking the price and daily movement**. You can track any stock symbols and most indices listed on the NYSE, NASDAQ, or AMEX.



This feature is first set up by selecting “Stock Ticker” in the menu and then selecting “Add Stocks.” The Tuning Wheel  can then be used to select each letter in the desired stock symbol by turning to the desired letter, pressing *in*, and then repeating the sequence for each additional letter. Once the desired symbol is entered, press the Tuning Wheel  *in* an additional time to save the stock. The Roady2 uses an autocomplete feature based on valid stock symbols to both simplify this process and ensure that incorrect stock symbols are not entered.

You can delete stocks from your list by selecting “Stock Ticker” and then “Erase Stocks.” You will then be given the choice of deleting all symbols or selecting individual ones to delete. (Stock data provided by Comstock, Inc.)

*Extreme cold temperatures can affect the performance of the LCD display in “Scroll” mode. The recommendation is to use the “Pages” mode until the temperature surrounding the display rises.

**The stock and market index information on the Roady2 is approximately 25 minutes delayed.

Direct Tune

This feature changes the functionality of the Tuning Wheel  so that it automatically selects a channel each time it is moved, without having to press Tuning Wheel  *in*. Note: Roady2 does not have a preview mode when this feature is active.



Warning: When using this product it is always important to keep your eyes on the road and your hands on the wheel. Not doing so could result in injury to you or to others or in property damage.

Auto-On

Once you have installed your Rody2 and the power has been turned on using the power button, you will discover your Rody2 has been factory-set to be turned off and back on again using the ignition key in your vehicle. To change this factory-set condition and always power your Rody2 on and off with the power button, select the "Auto-On" feature in the menu and then select "Off."

Auto-Off

You can set your radio to automatically shut off 60, 120, or 180 minutes after it is turned on. This feature should be used if your vehicle continues to power the cigarette lighter/auxiliary power after you remove your key, so if you leave it on, Rody2 will shut down automatically after the time period you select and will not drain your battery. At home, this can be used as a "sleep" feature to turn Rody2 off automatically after a period of time.

Factory Default

This feature lets you restore your Rody2 to the same settings as when you purchased it. It will erase the presets, TuneSelect, memory, and stock ticker data stored and reset the other features to the configuration when you first purchased Rody2.

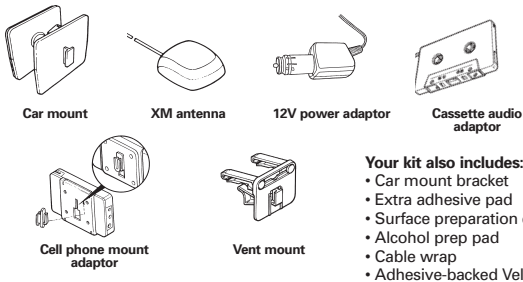


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Installation

Roady2 Kit Set-up

Your Roady2 Kit contains the following components:



Your kit also includes:

- Car mount bracket
- Extra adhesive pad
- Surface preparation cleaning kit
- Alcohol prep pad
- Cable wrap
- Adhesive-backed Velcro® pads

Figure 4. Roady2 Kit components.

Hooking up your Roady2 Receiver

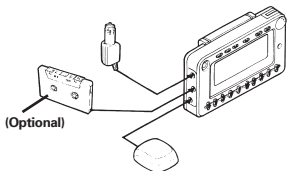
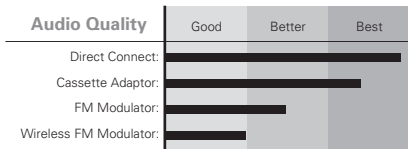


Figure 5. Connect accessories to your Roady2 as shown.

Caution: Connect only appropriate input devices to the Roady2. Connecting an incorrect input device may damage the system and/or the external electronic device. It is recommended that you use only the 12V to 6V conversion power adaptor that came with your Roady2.



Roady2 offers the listener an unprecedented variety of options for connecting to your vehicle's radio. All options provide excellent sound quality and stereo separation.

Direct Connect

For vehicles with radio head-units equipped with auxiliary audio inputs, connecting the audio directly to the auxiliary inputs of the head-unit (in a limited number of vehicles and aftermarket head units these inputs are located on the dash) provides maximum audio quality.

Cassette Adaptor

For vehicles with a built-in cassette player, using the cassette adaptor for audio is the most popular solution. **Due to its superior audio quality, this configuration is recommended over the wireless or wired FM modulator configurations for vehicles equipped with a cassette player.**

FM Modulator

For a more professional-looking installation, or if the wireless FM modulator does not provide satisfactory performance in your vehicle, an additional installation kit that will connect Roady2 and internal FM modulator directly to your vehicle radio's antenna jack can be purchased. See www.delphi.com or your retailer for details.

Wireless FM Modulator

Many late model cars do not come with built-in cassette players. For these cars, Roady2 includes an integrated wireless FM modulator that rebroadcasts

the XM audio signal wirelessly to the vehicle's FM radio. This FM modulator is automatically turned on whenever the cassette adaptor (or other audio jack) is unplugged from the side of the Rody2. One of 12 different frequencies can be selected, as described on page 12. In order to ensure optimum performance, the signal is broadcast to your car's FM radio from both inside the Rody2, and from the included XM antenna.

Rody2 Installation

Your Rody2 can be installed as follows:

1. First, attach all of the components as shown in figure 5 (page 17). Insert the 12V power adaptor into the cigarette lighter, and place the antenna on the car's roof. Turn on the car and Rody2 and insert the cassette audio adaptor into the vehicle's cassette deck (preferred) or, if the vehicle does not have a cassette deck, find an open FM frequency and tune both the Rody2 FM modulator and the vehicle's FM radio to that frequency, as described on page 12. Verify that the system is working by tuning to Channel 1. If you are using the wireless FM modulator feature, and static is heard on all frequencies, change to a hard wired FM modulator configuration by using the optional FM Modulator Direct Wiring Adapter described in the Available Accessories section on page 29. Disassemble the system, and proceed with step 2.
2. Identify a hard, flat surface or an available vent within your car to allow the optimum Rody2 viewing position for the primary user as well as access to the cassette player, power source, and antenna-cable route. In order to maximize visibility, this position should be chosen to minimize glare or direct sunlight on the display. **Do not install the mount where it or Rody2 could block your vision, vehicle airbags, or controls. Your Rody2 comes with three different mounting options: direct/flat mount, vent mount, or swivel mount:**



Warning: The Rody2 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 the Rody2 may result in injury to you or others if the unit becomes detached during an accident and/or obstructs the deployment of an airbag.

- (a) Flat mount: Use the included Velcro® pads and attach them to both the back of Roady2 and the identified flat surface in your vehicle.
- (b) Vent mount: Your Roady2 kit includes an optional vent mount that can be used in place of the more permanent Velcro® or swivel mounts so you can easily move your Roady2 and mount from car to car. Assemble the mount by inserting the two clips into the main piece, clipping them onto the vent, and then positioning the pivoting kickstand at the bottom, as shown in figure 6. Be careful when applying and removing the vent mount clips to prevent damaging the vent fins.

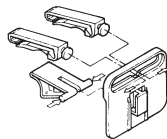


Figure 6. Vent mount

- (c) Swivel mount: This mount gives you the ability to adjust the angle of your Roady2 after it is installed. This mount uses a strong adhesive that is not easily repositioned when installed, so please use care when choosing the location and placing the mount. In addition, do not install this mount on a leather surface.
- Clean the vehicle mounting surface with the enclosed surface preparation cleaning kit. Wipe with the towelette in only one direction. Do not wipe the surface in a circular motion or back and forth. Dry area with a clean, dry cloth. Wipe dry in the same direction again and then repeat this cleaning process. Allow to air dry thoroughly to ensure effective adhesion.
 - Clean the same surface with the enclosed alcohol prep pad. Wipe in the same direction and manner as with the towelette. Dry the area with a clean, dry cloth, wiping in one direction. Allow to air dry thoroughly. Ensure that the surface is at least 60°F.
 - Warm the car mount adhesive pad by using a hair dryer or by placing the car mount on top of the vehicle's defrost outlet for several minutes with the heater on. Remove the liner from the adhesive pad and

adhere to the vehicle's surface. Make sure you accurately place the pad on the first try since in many cases it will bond almost immediately. 3M recommends a 72-hour curing time for maximum adhesion.

3. Clip the Roady2 onto the swivel or vent mount (figure 7).
4. Reassemble the system as in step 1, inserting cassette audio adaptor into the vehicle's cassette deck and the 12V power adaptor into the cigarette lighter.
5. Attach the antenna as explained on page 22 and route the antenna cable as described on page 24.

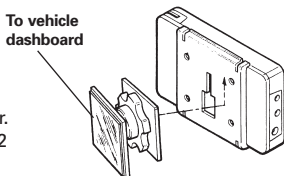


Figure 7. Attach car mount to back of Roady2 as shown.

Removing swivel mount from your dashboard

You can remove the swivel mount from your dashboard by taking the following steps:

1. Lift one edge of the adhesive pad gently with fingers or the rounded edge of a spoon. Once enough of the edge is loosened to grip with your fingers, pull the pad gently from the mounting surface at a 90-degree angle. Avoid using sharp tools that could damage the vehicle's interior.
2. If the pad fails to loosen, first warm it with a hair dryer for 2 to 3 minutes to soften the adhesive. Be careful not to apply too much heat, which could damage the mounting surface.
3. If any adhesive remains on the dashboard surface, the adhesive can easily be removed by rubbing your thumb or finger across it.
4. As necessary, use a mild household cleaner to clean the dashboard surface.



Caution: Never use a commercial heat gun or paint-stripping gun. This could result in damage to the unit or to your vehicle.

XM Antenna Set-up

Antenna Installation

- Best reception is achieved with the antenna mounted on the metal surface of the vehicle roof in the center of an area with at least 12" x 12" of surface area and a minimum of 6" from a window or sunroof. Figure 8 shows three typical mounting locations.
- For optimum wireless FM reception, the XM antenna should be placed in a location close to the vehicle's FM radio antenna. Note that in some vehicles the FM antenna is embedded in the front windshield or rear window.
- If the vehicle has roof racks or skid ribs, it may be necessary to mount the antenna off-center.
- If the vehicle roof does not provide a sufficient metal surface area, then the antenna can be mounted on the metal trunk lid at least 4" from the rear window.
- If an appropriate antenna mounting location cannot be identified, contact your local retailer installation department for additional guidance.

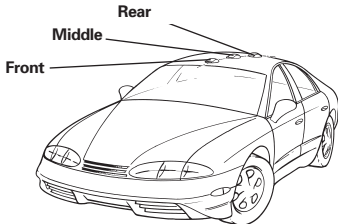


Figure 8. The design flexibility of your XM Antenna allows mounting on many types of vehicles. Trunk mounting of the antenna is an alternative only for hard- or soft-top convertibles with nonmetallic rooftops. All other vehicles should have roof mounting.

Important: Do not install antenna inside vehicle passenger compartment. Mounting the antenna in the passenger compartment either on the front dashboard or on the rear window deck area of the vehicle will cause reception issues and must be avoided. Mounting the antenna on a non-metallic surface will also result in severe degradation in reception.

Warning: Failure to properly install the antenna may result in injury to you or others if it becomes detached during an accident.

Cable Routing

- Once you have mounted the antenna in the correct location, plan how to route the cable from this location to the receiver, avoiding blocked passages and any obstructions that could kink, crimp, twist, or chafe the cable. Figure 9 shows typical routing configurations. If the cable will come into contact with a rough metal opening, use a rubber grommet to prevent damage.
- For antenna mounting locations at the front or middle of the roof, the cable can be routed down along the door jamb and into the vehicle. In some vehicles, the cable may be brought into the vehicle through the grommet in the door jamb which carries the power window and power lock wires. If the cable does not fit easily through the grommet, do not try to force it through. Instead, route the cable under the weather seal near the bottom of the door.

Front Mounting Option

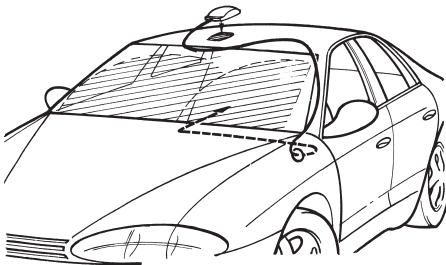


Figure 9. Route XM Antenna through windshield as shown.

- For antenna mounting locations at the rear of the roof, the antenna cable can be routed into the vehicle through the trunk, as shown in figure 10. Always route the cable under the weather seal near the lowest part of the trunk to help reduce possible water leaks.
- Use pre-existing wiring channels created by the vehicle manufacturer whenever possible.

Rear Mounting Option

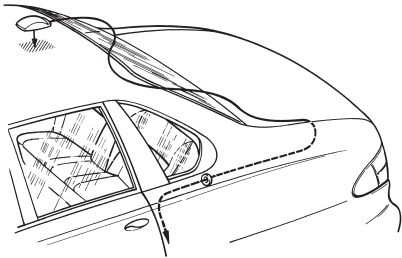


Figure 10. Route XM Antenna wiring as shown.

Final installation

Verify that the antenna is in its final desired position. The antenna contains a powerful magnet that will secure the antenna to a metal roof under normal driving conditions.

Reference

Taking Care of Your Rody2

(Failure to follow these instructions may result in personal injury or damage to your Rody2 or to your vehicle.)

Important:

- Use only a soft, dry cloth to clean the outside of your Rody2 and any peripherals.
- Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.
- Do not allow liquids to spill on the unit.
- Do not use sprays near your Rody2.
- It is best to keep Rody2 out of direct sunlight or other sources of extreme heat.
- Avoid placing Rody2 in a setting where air cannot circulate around the unit.

Caution: Refrain from using food or drinks near the Rody2. Spilling food or drinks on the unit could damage it. Also improper antenna cable installation can cause a leak which could result in damage to your Rody2 and/or your vehicle.

Troubleshooting

Your Roady2 is designed and built to provide you with trouble-free performance without the need for service. If it does not appear to be functioning correctly, please follow these troubleshooting steps:

1. Make sure all connectors are properly attached.
2. Make sure the cigarette lighter/auxiliary power socket is clean and free of corrosion.
3. Make sure the adaptor is firmly seated in the cigarette lighter/auxiliary power socket.
4. Check the adaptor fuse by unscrewing the ribbed end of the adaptor and examining it. If required, replace with a 1-amp fuse only. If your cigarette lighter adaptor does not have a removable end cap, then it is equipped with an internal fuse that resets itself after it is left unpowered for a period of time.

If you see this on the display:**You should:**

NO SIGNAL

Cause: The XM signal is being blocked.

The message should disappear as soon as you move out of an obstructed area such as an indoor garage. If the problem persists, make sure your antenna is mounted outside and on top of your car with a clear view of the sky.

ANTENNA

Cause: The antenna jack that plugs into your Rody2 has probably come loose.

Make sure antenna is correctly attached to the receiver and that antenna cable is undamaged and free from kinks. Turn the Rody2 off and back on to reset this message.

OFF AIR

Cause: The channel selected is not currently broadcasting.

Tune in to another channel.

If this happens:**You should:**

You do not receive all XM channels you have subscribed to.
Cause: Your Roady2 is not activated.

Contact XM as described in "Getting Started: Activating Roady2" on page 6.

The audio sounds distorted

Reduce audio-output level as described under "Menu Commands and Settings: Audio Level" on page 13.

The audio level is too low

Increase audio-output level as described in "Menu Commands and Settings: Audio Level" on page 13.

You cannot tune to a channel

Verify that you are authorized to receive that channel as part of your subscription with XM and that you have not asked XM to block that channel on your Roady2 unit.

No song title or artist name displays

Nothing is wrong with your receiver. This is normal on many talk and news channels where there is no song playing. Also, this information may not yet be in the channel lineup for some selections.

The audio has static

If static is heard on all frequencies, change to a hard-wired FM modulator configuration by using the optional FM Modulator Direct Wiring Adaptor as described in the Available Accessories section on page 29.

The audio on the XM instant traffic and weather channels does not sound the same as the other XM channels.

Nothing is wrong with your receiver. These channels use a different audio technology than the main XM channels in order to provide many different dedicated city channels.

Contacting Product Technical Support and Customer Service

For additional information in solving problems with your Roady2, contact Delphi at 1.877.GO DELPHI (1.877.463.3574) Monday—Friday.

- **Customer Service:** 8:00 am—4:30 pm Eastern Standard Time
 - **Technical Support:** 8:00 am—8:00 pm Eastern Standard Time
- Customer Service and Technical Support is also available at www.delphi.com.

Technical Information

Dimensions

Roady2 3.9 in. W x 2.4 in. H x 0.7 in. D (100 mm x 60 mm x 18 mm)

Weight

Roady2 3.4 oz. (97g)

Inputs/Outputs

Antenna RF SMB connector

Power P13 connector, 6V DC, 600 mA average, (⊖—⊕—⊖)
positive polarity

Audio output 3.5 mm diameter ministereo jack

Available Accessories

There are a variety of accessories available for your Roady2. Consult your local retailer or www.delphi.com for availability.

Remote Control

Access all of your Roady2's features from across the car or across your living room. Provides the following additional features: jump/return, scan by channel, scan by presets, or scan by category.

Home Kit

Use your Roady2 with an existing stereo or set of powered speakers at home or in the office. Includes home stand, remote control, XM home antenna, AC adaptor, and audio cable. Cases and additional accessories are available at www.delphi.com.

FM Modulator Direct Wiring Adapter

For geographic areas with a high density of FM radio stations and few open FM channels, maximize the coupling of your Roady2's internal FM modulator to your vehicle's radio by having this product professionally installed. Connects directly in-line on your vehicle's existing AM/FM antenna input.

XM Satellite Radio Limited Consumer Warranty

Delphi Product and Service Solutions ("Delphi") warrants all XM Satellite Radio Products sold by Delphi ("Products") to be free of defects in material and workmanship, subject to the following conditions.

The duration of Delphi's warranty with respect to Delphi XM Satellite Radio Products is limited to one (1) year from the date of sale to the original consumer purchaser.

No other express warranties are made with respect to any Product. All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited to the warranty period set forth above. This warranty is not transferable and applies only to the original consumer purchaser of the Product.

Delphi will, as its sole obligation under this warranty, replace or repair, at its option, any Product that does not conform to this warranty. Under no circumstances will Delphi be liable for any incidental or consequential damages under this warranty or any implied warranties.

Delphi will not be responsible for damage resulting from any (i) deviation from Delphi's operating instructions as printed in Delphi's catalog or on any packaging, labels or other literature provided with a Product, (ii) installation of a Product in a manner which is inconsistent with Delphi's written instructions, (iii) alteration or modification of a Product, (iv) misuse, (v) neglect, (vi) abuse, (vii) accident, (viii) normal wear and tear, (ix) commercial use, (x) service by anyone other than a Delphi authorized repair facility, or (xi) other improper application, installation or operation of the Product.

How you (the Customer) can get service:

To obtain warranty service during the first thirty (30) days after the date of purchase, you must return the defective Product with the original receipt to the original place of purchase. To obtain warranty service during the remainder of the warranty period, you must contact Delphi by phone at 1.877.GO DELPHI (1.877.463.3574).

If warranty service is needed at any time during the warranty period, the purchaser will be required to furnish a sales receipt/proof of purchase indicating the date of purchase, amount paid and place of purchase. Customers who fail to provide such proof of purchase will be charged for the repair of any Product.

How state law relates to the warranty:

Some states do not allow limitations on how long implied warranties last, or the exclusion or the limitation of incidental or consequential damages. So the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights that may vary from state to state.


NO PERSON IS AUTHORIZED BY DELPHI TO MODIFY OR ADD TO THIS LIMITED WARRANTY.

DELPHI

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