2012 Chevrolet Cruze Navigation System

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Introduction

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The information in this manual supplements the owner manual.

This manual describes features that may or may not be on your specific vehicle either because they are options that you did not purchase or due to changes subsequent to the printing of this owner manual. Please refer to the purchase documentation relating to your specific vehicle to confirm each of the features found on your vehicle. For vehicles first sold in Canada, substitute the name “General Motors of Canada Limited” for Chevrolet wherever it appears in this manual.

Keep this manual with the owner manual in the vehicle, so it will be there if it is needed. If the vehicle is sold, leave this manual in the vehicle.

Canadian Vehicle Owners (Propriétaires des Véhicules Canadiens)

A French language copy of this manual can be obtained from your dealer or from:

On peut obtenir un exemplaire de ce guide en français auprès du concessionnaire ou à l'adresse suivante:

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Overview

Read this manual thoroughly to become familiar with how the navigation system operates.

The navigation system includes navigation and audio functions.

Keeping your eyes on the road and your mind on the drive is important for safe driving. The navigation system has built-in features intended to help with this by disabling some features when driving. A grayed-out function is not available when the vehicle is moving.

All functions are available when the vehicle is parked. Do the following before driving:

- Become familiar with the navigation system operation, buttons on the faceplate, and touch-sensitive screen buttons.
- Set up the audio by presetting favorite stations, setting the tone, and adjusting the speakers.
- Set up the navigation features, such as entering an address or a preset destination.
- Set up phone numbers in advance so they can be called easily by pressing a single button or a single voice command for navigation systems equipped with phone capability.

⚠ WARNING

Taking your eyes off the road too long or too often while using the navigation system could cause a crash and you or others could be injured or killed. Focus your attention on driving and limit glances at the moving map on the navigation screen. Use voice guidance whenever possible.

Use the navigation system to:

- Plan a route.
- Select a destination using various methods and choices.
- Follow turn-by-turn route and map guidance with voice prompts, only if permitted by traffic laws, controls, and conditions.
- Receive RDS broadcast announcements (only for Navs/ Radios with RDS.)

Always be alert and obey traffic and roadway laws and instructions, regardless of the guidance from the navigation system. Because the navigation system uses street map information that does not include all traffic restrictions or the latest road changes, it may suggest using a road that is now closed for construction or a turn that is prohibited by signs at the intersection. Always evaluate whether following the system's directions is safe and legal for the current conditions.

When the navigation system is turned on, a screen may appear with information that must be read and acknowledged before accessing some navigation features.

After acknowledging the start up information, the NAV (Navigation) and DEST (Destination) functions are accessible. Information can now be entered or deleted, and other functions accessed. See instructions later in this section.

Every fifty times the vehicle is started and the navigation system is turned on, the Caution screen appears. After reading the caution, select OK to load the map DVD information. If OK is not selected, all control buttons except for NAV (Navigation) and DEST (Destination) can be accessed. You can also press NAV to have this Caution screen appear.

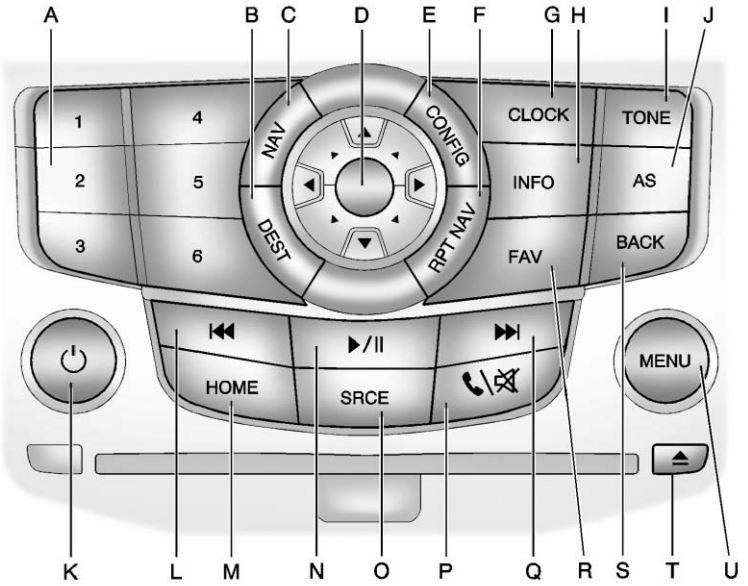
When getting started, set your preferences or delete information in the navigation system using various options.

Navigation System Overview

The navigation system is controlled by using the buttons on the faceplate and the touch screen.

The eight-way selector arrows can be pressed from side to side, up, or down to navigate the map.

See “Infotainment Control Buttons” in this section for more information.



A. Preset Buttons (1-6)
B. DEST (Destination)
C. NAV (Navigation)
D. Eight-Way Selector Arrows (Navigates Maps)
E. CONFIG (Configure)
F. RPT NAV (Repeat Navigation)
G. CLOCK
H. INFO (Information)
I. TONE
J. AS (Autostore)
K. ⏻ (Power/Volume)
L. ⏮ (Seek Down)
M. HOME (Home Page)
N. ⏯ (Play/Pause)
O. SRCE (Source)
P. 📞 / 🔇 (Phone/Mute)
Q. ⏭ (Seek Up)
R. FAV (Favorite Pages 1-6)

S. BACK

T. ⏏ (Eject)

U. MENU (Menu/Select)

Infotainment Control Buttons

The buttons on the faceplate are used to start primary functions while using the infotainment system.

⏻ (Power/Volume):

1. Press to turn the system on and off.
2. Turn to adjust the volume.

⏵/⏸ (Play/Pause): Press ⏵/⏸ to start, pause, and resume playback. See *CD Player on page 21*, and *MP3 on page 23* for more information.

SRCE (Source): Press to change the audio sources such as AM-FM Radio, XM™ (if equipped), CD, and AUX.

TONE: Press to access the sound menu screen to adjust bass, midrange, and treble. See *AM-FM Radio on page 14* for more information.

AS (Autostore): Autostore searches and stores FM and AM stations with the strongest signal. Autostore does not function with XM radio stations.

INFO (Information): Press to toggle through an audio or navigation information screen.

CONFIG (Configure): Press to adjust features for radio, navigation, display, phone, vehicle, and time. See *Configure Menu on page 47* for more information.

HOME: See “Home Page” following in this section.

MENU: Turn to highlight a feature. Press to activate the highlighted feature.

📞 / 🔇 (Phone/Mute): See *Bluetooth on page 60* for more information.

NAV (Navigation):

1. Press to view the vehicle's current position on the map screen.
2. Continue pressing to cycle through the full map and split screens.

RPT NAV (Repeat Navigation): Press to repeat the last voice guidance prompt.

DEST (Destination):

1. Press to enter a destination.
2. If a destination has already been entered, press to access the Destination Menu. See *Destination on page 36* for more information.

BACK: Press to return to the previous screen in a menu.

If on a page accessed directly by a faceplate button or Home Page screen button, pressing BACK will go to the homepage.

FAV (Favorite Pages 1-6): Press to display the current page number above the preset buttons. The stored stations for each list display on the touch-sensitive preset buttons at the bottom of the screen. The number of preset FAV lists can be changed in the Configuration Menu.

⏭ (Seek Up):

1. Press to seek the next track.
2. Press and hold to fast forward through a track.
3. Release the button to return to playing speed. See *CD Player on page 21* and *MP3 on page 23* for more information.
4. For AM, FM, or XM (if equipped), press to seek to the next strong station.

⏮ (Seek Down):

1. Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, it seeks the previous track. If longer than five seconds, the current track starts from the beginning.
2. Press and hold to quickly reverse through a track. Release the button to return to playing speed. See *CD Player on page 21* and *MP3 on page 23* for more information.
3. For AM, FM, or XM (if equipped), press to seek to the previous strong station.

Preset Buttons (1-6): The preset buttons numbered one through six can be used to select stored AM, FM, and XM (if equipped) stations.

Eight-Way Selector Arrows: Press the arrows to navigate the map.

CLOCK: Press to set the time.

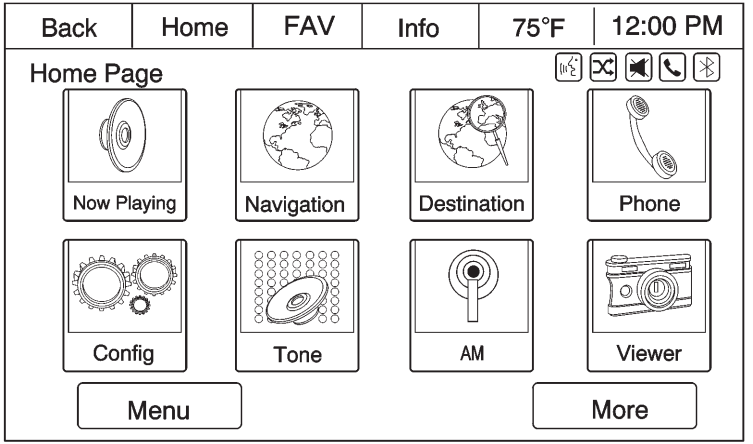
⏏ (Eject): Press to eject a disc from the CD player. See *CD Player on page 21*.

Touch Screen Buttons

Touch screen buttons are on the screen and highlighted when a feature is available. Some toggle screen buttons highlight when active and gray out when inactive.

Home Page

The navigation system displays a home page that makes accessing many of the features an easy process.



Back: If on page two or three of the Home Page, press Back to return to page one of the Home Page. If on page one, Back serves no function.

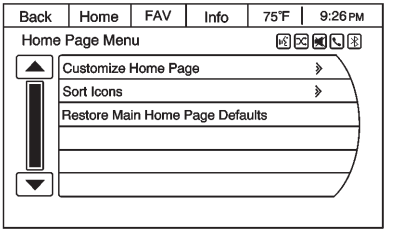
Home: While navigating through other menus, press to go back to the Home Page to start a different feature.

FAV: Press to display a page of stored (favorite) AM, FM, or XM (if equipped) stations. Keep pressing FAV to scroll through the favorite pages.

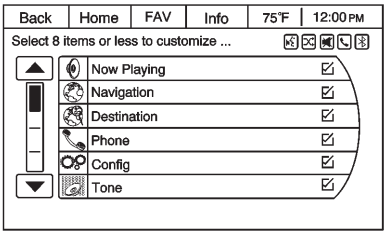
Info: Press to toggle through an audio or a navigation information screen.

More: Press to cycle through available Home Pages.

Menu: Press to go to the Home Page Menu.



The Home Page Menu lists the options Customize Home Page, Sort Icons, and Restore Home Page Defaults.



Out of all available Home Page icons, up to eight icons can be selected and sorted for the first Home Page screen.

Home Page Features

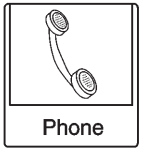
Various functions are disabled when the vehicle is moving.

Press the Now Playing screen button to display the active source page. The sources available are AM, FM, XM (if equipped), CD, USB/iPod, and AUX.

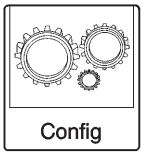
See *AM-FM Radio on page 14*, *Satellite Radio on page 20*, *CD Player on page 21*, *Auxiliary Devices on page 25*, and *Configure Menu on page 47*.

Press the Navigation screen button to display a map of your current vehicle position. See *Using the Navigation System on page 30*, *Maps on page 34*, *Navigation Symbols on page 34*, and *Configure Menu on page 47*.

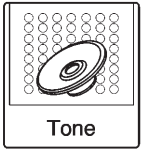
Press the Destination screen button to display the Destination Entry home page or the Destination Menu. The available screen buttons provide easy access to a variety of ways to enter a destination. See *Destination on page 36*.



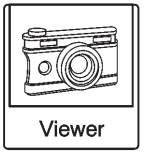
Press the Phone screen button to display the Phone main page. See *Bluetooth on page 60*.



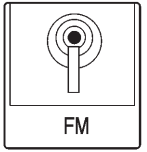
Press the Config screen button to display the Config main page. From this display, you can adjust features such as time and date, radio, phone, navigation, vehicle, and display. See *Configure Menu on page 47*.



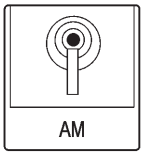
Press the Tone screen button to display the Tone main page. Adjust the tone and speakers by pressing the screen buttons to change the levels of sound for treble, midrange, bass, fade, and balance. See *AM-FM Radio on page 14*.



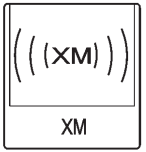
Press the Viewer screen button to view pictures on your USB drive or SD card. Pictures on the SD card can only be viewed through a USB adapter.



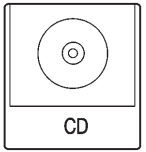
Press the FM screen button to display the FM main page and play the current or last tuned FM station. See *AM-FM Radio on page 14*.



Press the AM screen button to display the AM main page and play the current or last tuned AM station. See *AM-FM Radio on page 14*.

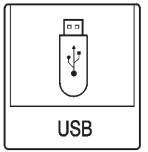


Press the XM screen button (if equipped) to display the XM main page and play the current or last tuned XM channel. See *AM-FM Radio on page 14* and *Satellite Radio on page 20*.

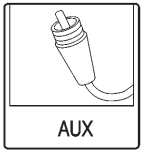


Press the CD screen button to display the CD main page and play the current or last CD track selected. See *CD Player on page 21*.

Press the iPod screen button to display the iPod main page and play the current or last track selected. See *Auxiliary Devices on page 25*.

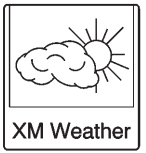


Press the USB screen button to display the USB main page and play the current or last track selected. See *Auxiliary Devices on page 25*.



Press the AUX screen button to access any connected auxiliary device. See *Auxiliary Devices on page 25*.

Press the XM Traffic screen button (if equipped) to display the traffic main page. Select other traffic-related options from that list. See “XM NavTraffic™ (If Equipped)” under *Configure Menu on page 47*.



Press the XM Weather screen button (if equipped) to display the weather main page. Select other weather-related options from that list. See “XM Weather (If Equipped)” under *Configure Menu on page 47*.

Languages

The vehicle supports English, French (Canadian), and Spanish. The default language is English.

To change the display language, see *Configure Menu on page 47* in this manual, or “Vehicle Personalization” in the Index of the vehicle owner manual for more information.

English and Metric Unit Conversion

To change the display units between English and metric units, see “Driver Information Center (DIC)” in the Index of the vehicle owner manual.

Deleting Personal Information

The navigation system can store destinations and personal information such as names and addresses.

At times, such as when selling or disposing of your vehicle, you may want to delete this information:

- Address Book
- Previous Destinations
- Home Address (user configurable)
- Favorite Routes

Cleaning the Display

Notice: **Using abrasive cleaners when cleaning glass surfaces could scratch the glass. Use only a soft cloth and do not spray cleaner directly on the system as it could affect the mechanical parts.**

Do not wipe the panel with a hard cloth or use a volatile liquid such as paint thinner; it could scratch the surface or erase the characters on the buttons.

Radio

AM-FM Radio

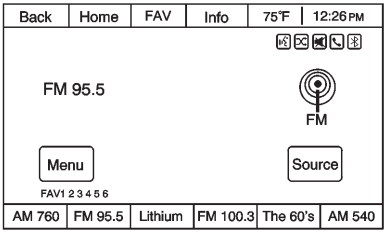
Playing the Radio

Audio Source

⏻ (Power/Volume):

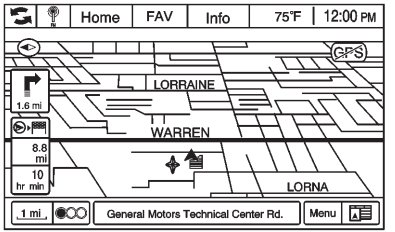
1. Press to turn the radio on or off.
2. Turn to increase or decrease the volume of the active source (i.e., current audio source, active navigation voice guidance, or traffic prompts).

The steering wheel controls can also be used to adjust the volume. See “Steering Wheel Controls” in the vehicle owner manual for more information.

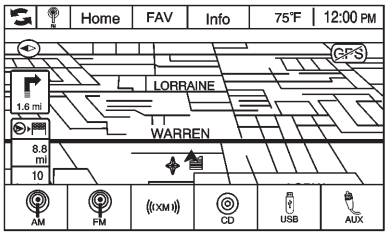


To access the radio main page, press the SRCE button on the faceplate, the Now Playing screen button, or one of the audio screen buttons on the Home Page.

While on the audio main page, press the Source button repeatedly to display and cycle through the available sources (AM, FM, and XM (if equipped), CD, USB/iPod, and AUX).



If the audio source is on while viewing a map screen, an icon of that source displays at the top of the map screen. This icon also allows the audio source to be changed without leaving the navigation mode.

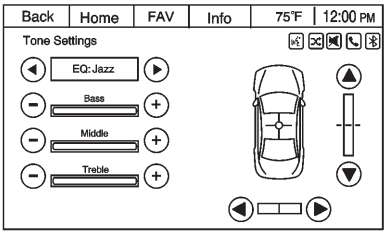


Press the audio source icon located at the top left side of the screen to display a pop-up menu of available audio source icons. Press one of the icons to change the source.

Navigation Audio System

Tone Settings

To access the tone settings, press the Home Page Tone button or the TONE button on the faceplate.



Use the tone settings to adjust the following features:

- Setting the tone
- Adjusting the speakers

Setting the Tone

To adjust the tone:

- Treble: Press + or − to change the level.
- Middle (Midrange): Press + or − to change the level.
- Bass: Press + or − to change the level.

Adjusting the Speakers

To adjust the speaker balance:

- Press the left arrow on the bottom for more sound from the left speakers or the right arrow on the bottom for more sound from the right speakers. The middle position balances the sound between the left and right speakers.

To adjust the speaker fade:

- Press the upper arrow for more sound from the front speakers and the lower arrow for more sound from the rear speakers. The middle position balances the sound between the front and rear speakers.

EQ Settings

The EQ settings are selected through the tone menu. Press the left or right arrows to cycle through the EQ options. The available choices are Pop, Rock, Jazz, Classical, and Talk.

Finding a Station

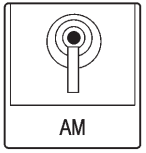
To select the band, see “Audio Source” earlier in this section.

Turn the MENU knob to find a radio station. To select a preset station, press the corresponding preset button.

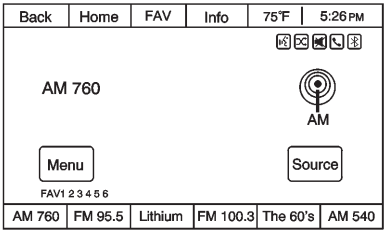
Seeking a Station

Press ⏮ or ⏭ to search for a station.

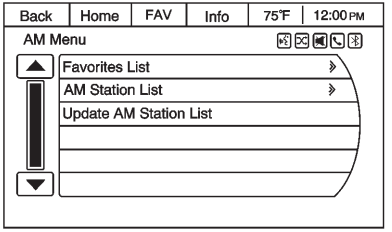
AM



1. Press the AM screen button on the Home Page or select AM from the source pop-up to display the AM main page.



2. From the AM screen, press the Menu screen button to display the menu options.



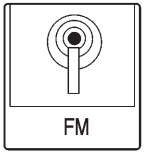
3. Press to select the desired option.

Favorites List: Press to display a list of favorite preset stations.

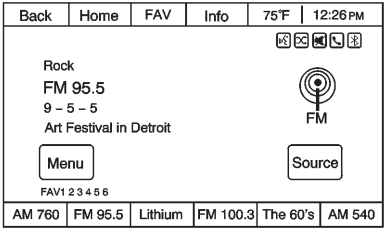
AM Station List: Press to display the AM station list.

Update AM Station List: Press to start a search for the strongest stations in your area to populate the AM Station List.

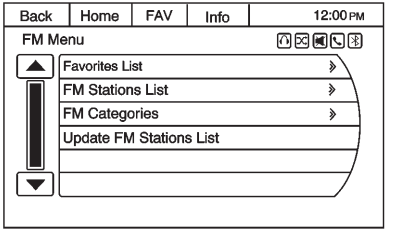
FM



1. Press the FM screen button on the Home Page or select FM from the source pop-up to display the FM main page.



2. From the FM screen, press the Menu screen button to display the menu options.



3. Press to select the desired option.

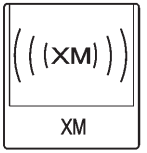
Favorites List: Press to display a list of favorite preset stations.

FM Stations List: Press to display the FM station list.

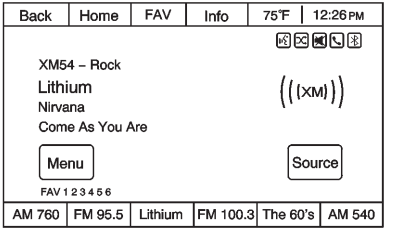
FM Categories: Press to display the FM categories (e.g., sports, news, and pop music).

Update FM Stations List: Press to start a search for the strongest stations in your area to populate the FM Stations List.

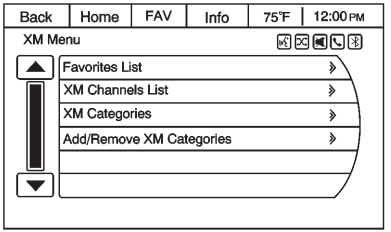
XM (If Equipped)



1. Press the XM screen button on the Home Page or select XM from the source pop-up to display the XM main page.



2. From the XM screen, press the Menu screen button to display the menu options.



3. Press to select the desired option.

Favorites List: Press to display a list of favorite preset stations.

XM Channels List: Press to display the XM channels list.

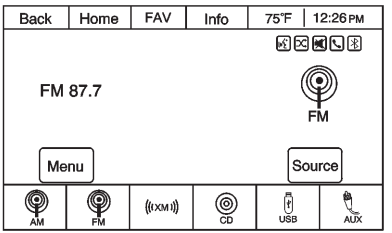
XM Categories: Press to display the XM categories. For available XM categories, check the XM website. For more information, see www.xmradio.com or call 1-800-929-2100 in the U.S. In Canada, see www.xmradio.ca or call 1-877-438-9677.

Add/Remove XM Categories:

Press to display Add/Remove XM Categories. See *Satellite Radio on page 20*.

Changing the Sources

To change audio sources from any of the audio main pages (AM, FM, XM, CD, USB/iPod, or AUX), press the SRCE button on the faceplate or the Source screen button to display a pop-up of available audio sources. Touch-tap or press the SRCE button on the faceplate repeatedly to change the desired source.



Storing Radio Station Presets

There are a few ways to store presets.

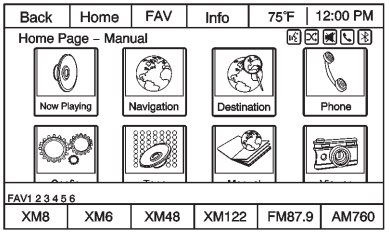
Up to 36 preset stations can be stored. AM, FM, and XM, if equipped, can be mixed.

1. From the AM, FM, or XM main page, press and hold one of the preset screen buttons located at the bottom of the screen. After a few seconds, a beep will be heard and the new preset information will display on that screen button.
2. Press and hold a preset button on the faceplate to store the currently active station. After a few seconds, a beep will be heard and the new preset information will display on a small pop-up display at the bottom of the screen.
3. Repeat the steps for each preset.

To change the number of preset pages, see “Mixed-Band Presets” following for more information.

Recalling a Preset Station

To recall a preset station from a FAV page, do the following:



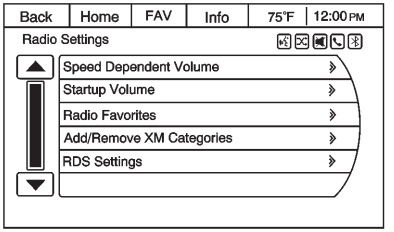
- Press the FAV button on the faceplate to display the FAV pop-up. Select the desired preset from the pop-up.
- Press the FAV screen button at the top bar to display the preset pop-up that appears at the bottom of the page. Press one of the preset screen buttons to go to the selected preset station.
- In the AM, FM, or XM (if equipped) main page, press one of the preset screen buttons to go to the selected preset station.

Mixed-Band Presets

Each page can store six preset stations. The presets within a page can be from different radio bands.

To scroll through the pages, press the FAV button located on the faceplate or the FAV screen button on the top bar. The current page number displays above the preset buttons. The stored stations for each FAV page display on the preset buttons at the bottom of the screen. The number of FAV pages displayed can be changed in the Radio Settings in the Configuration Menu.

Radio Data System (RDS)



Radio Settings

From the Configuration menu, press Radio Settings. Select RDS Settings to display RDS options.

The audio system has a Radio Data System (RDS). RDS features are available for use only on FM stations that broadcast RDS information. With RDS, the radio can:

- Seek to stations broadcasting the selected type of programming.

- Receive announcements concerning local and national emergencies.
- Display messages from radio stations.

This system relies on receiving specific information from these stations and only works when the information is available. In rare cases, a radio station could broadcast incorrect information that causes the radio features to work improperly. If this happens, contact the radio station.

The RDS system can be turned on or off. When information is broadcast from the current FM station, the station name or call letters display on the audio screen. RDS can provide a program type (PTY) for current programming and the name of the program being broadcasted.

Satellite Radio

XM™ Satellite Radio Service

Vehicles with an XM satellite radio tuner and an XM satellite radio subscription can receive XM programming.

XM is a satellite radio service based in the 48 contiguous United States and 10 Canadian provinces. XM satellite radio has a wide variety of programming and commercial-free music, coast to coast, and in digital-quality sound. A service fee is required to receive the XM service. For more information, see www.xmradio.com or call 1-800-929-2100 in the U.S. In Canada, see www.xmradio.ca or call 1-877-438-9677.

When XM is active, the channel name and number, category name, song title, and artist display on the screen.

XM Categories

XM stations are organized in categories.

To customize which XM categories are used and displayed in the system, see “Adding or Removing Categories” following.

Adding or Removing Categories

1. From the Home Page press the Config screen button or the CONFIG button on the faceplate.
2. Select Radio Settings from the Config Menu list.
3. Select Add/Remove XM Categories.
4. From the Add/Remove XM Categories screen, select or deselect any category to be used in XM mode. A checkmark will indicate that the category is selected.

Audio Players

CD Player

The player can be used for CD and MP3 audio.

With the vehicle on, insert a disc into the slot, label side up. The player pulls it in and begins playing. While playing, the navigation system is available.

The system is capable of playing:

- Most audio CDs
- CD-R
- CD-RW
- MP3 or unprotected WMA formats

When playing any compatible recordable disc, the sound quality can be reduced due to disc quality, the method of recording, the quality of the music that has been recorded, or the way the disc has been handled.

There can be increased skipping, difficulty in recording tracks, difficulty in finding tracks, and/or difficulty in loading and ejecting. If these problems occur, check the disc for damage or try a known good disc.

To avoid damage to the CD player:

- Do not use scratched or damaged discs.
- Do not apply labels to discs. The labels could get caught in the player.
- Insert only one disc at a time.
- Keep the loading slot free of foreign materials, liquids, and debris.
- Use a marking pen to label the top of the disc.

Loading and Ejecting Discs

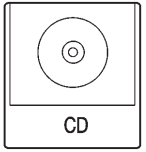
To load a disc:

1. Turn the vehicle on.
2. Insert a disc into the slot, label side up. The player pulls it in the rest of the way. If the disc is damaged or improperly loaded, there is an error and the disc ejects.

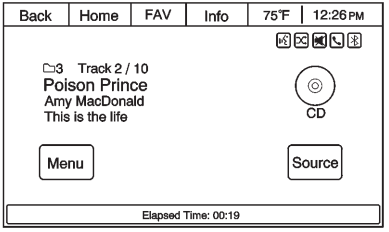
The disc automatically plays once loaded.

Press ⏏ to eject a disc from the CD player. If the disc is not removed within a short period of time, it is automatically pulled back into the player.

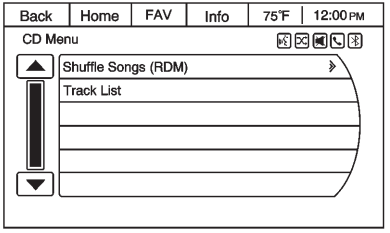
Playing an Audio CD



1. Press the CD screen button on the Home Page or select CD from the source pop-up to display the CD main page.



2. From the CD screen, press the Menu screen button to display the menu options.



3. Press to select the desired option.

On the CD main page a track number displays at the beginning of each track. Song, Artist, and Album information displays when available.

Use the following controls to play the disc:

⏵/⏸ (Play/Pause): Use to start, pause, or resume play.

⏭ (Seek Up):

- Press to seek to the next track.
- Press and hold to fast forward through a track. Release the button to return to playing speed. Elapsed time displays.

⏮ (Seek Down):

- Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, it seeks to the previous track. If longer than five seconds, the current track starts from the beginning.
- Press and hold to fast reverse through a track. Release the button to return to playing speed. Elapsed time displays.

MENU Knob: Turn to the right or left to select the next or previous track. Press this knob to select the menu. If a track is selected from the menu, the system plays the track and returns to the CD screen.

Error Messages

If Disc Error displays and/or the disc comes out, it could be for one of the following reasons:

- The disc has an invalid or unknown format.
- The disc is very hot. Try the disc again when the temperature returns to normal.
- The road is very rough. Try the disc again when the road is smoother.
- The disc is dirty, scratched, wet, or upside down.
- The air is very humid. Try the disc again later.
- There was a problem while burning the disc.
- The label is caught in the CD player.

If the CD is not playing correctly, for any other reason, try a known good CD.

If any error continues, contact your dealer.

MP3

Playing an MP3 CD

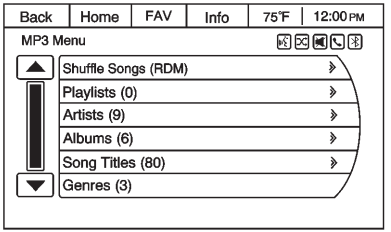
To play an MP3 CD, follow the same instructions as “Playing an Audio CD.”

The following guidelines must be met when creating an MP3 disc, otherwise the CD might not play:

- Sampling rate: 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, and 48 kHz.
- Bit rates supported: 8, 16, 24, 32, 40, 48, 56, 64, 80, 96, 112, 128, 144, 160, 192, 224, 256, and 320 kbps.
- Maximum number of folders: eight folders with 255 files per folder.
- Maximum of 1,000 files on a disc.
- Recorded on a CD-R or CD-RW with a maximum capacity of 700 MB.
- The Artist/Album/Song Titles/ Genre information requires a CD to be fully scanned before the music navigator works with these menus.

MP3 Music Menu

Press the Menu screen button while that source is active to access the menu.



Press any of the following buttons on the MP3 Menu:

Shuffle Songs: Press to play the tracks randomly. Press again to stop shuffle.

Playlists: Press to view the playlists stored on the disc. Select a playlist to view the list of all songs in that playlist. There might be a delay before the list displays. Select a song from the list to begin playback.

Artists: Press to view the list of artists stored on the disc. Select an artist name to view a list of all songs by the artist. There might be a delay before the list displays. Select a song from the list to begin playback.

Albums: Press to view the albums on the disc. Select the album to view a list of all songs on the album. There might be a delay before the list displays. Select a song from the list to begin playback.

Song Titles: Press to display a list of all songs on the disc. Songs are displayed as stored on the disc. There might be a delay before the list displays. To begin playback, select a song from the list.

Genres: Press to view the genres. Select a genre to view a list of all songs of that genre. Select a song from the list to begin playback.

Folders: Press to open a folder list to access the files within the folder structure.

Root Directory

The root directory is treated as a folder. All files contained directly under the root directory are accessed prior to any root directory folders.

Empty Folders

If a root directory or folder is empty or contains only folders, the player advances to the next folder in the file structure that contains a compressed audio file. The empty folder(s) are not displayed or numbered.

No Folder

When the CD only contains compressed audio files without any folders or playlists, all files are under the root folder.

File System and Naming

The song titles, artists, albums, and genres are taken from the file's ID3 tag and are only displayed if present in the tag. If a song title is not present in the ID3 tag, the radio displays the file name as the track name.

Preprogrammed Playlists

The radio recognizes preprogrammed playlists; however, there is no editing capability. These playlists are treated as special folders containing compressed audio song files.

Auxiliary Devices

This vehicle has an auxiliary input jack in the center console. Possible auxiliary audio sources include:

- Laptop computer
- MP3 player
- Tape player

This jack is not an audio output. Do not plug headphones into the auxiliary input jack. Drivers are encouraged to set up any auxiliary device while the vehicle is in P (Park).

Connect a 3.5 mm (1/8 in) cable from the auxiliary device to the auxiliary input jack. When a device is connected, the system automatically begins playing audio from the device over the vehicle speakers.

If an auxiliary device has already been connected, but a different source is currently active, press the Now Playing screen button on the Home Page, then press Source repeatedly to cycle through all of the available audio source screens, until the AUX source screen is selected.

Playing from a USB

A USB mass storage device can be connected to the USB port.

The USB port is in the center console.

The USB icon displays when the USB device is connected.

USB MP3 Player and USB Drives

- The USB MP3 players and USB drives connected must comply with the USB Mass Storage Class specification (USB MSC).
- Only USB MP3 players and USB drives with a sector size or 512 bytes and a cluster size smaller or equal to 32 kbytes in the FAT32 file system are supported.
- Hard disk drives are not supported.
- The following restrictions apply for the data stored on a USB MP3 player or USB device:
  - Maximum folder structure depth: 11 levels.
  - Maximum number of MP3/WMA files that can be displayed: 1,000

- WMA with Digital Rights Management (DRM) from online music shops cannot be played. WMA files can only be played back safely if they were created with Windows Media Player version 8 or later.
  - Applicable playlist extensions are: .m3u, .pls.
  - Playlist entries must be in the form of relative paths.
  - The system attribute for folders/files that contain audio data must not be set.

To play a USB device, do one of the following:

- Connect the USB and it begins to play.
- Press the Now Playing screen button on the Home Page, then press the SRCE button on the faceplate repeatedly to cycle through all of the available audio source screens, until the USB source screen is selected.

While the USB source is active, use the following to operate USB function:

⏯ (Play/Pause): Press to start, pause, or resume play of the current media source.

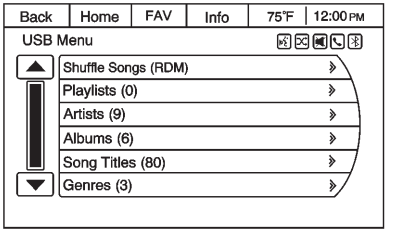
⏭ (Seek Up):

1. Press to seek to the next track.
2. Press and hold to advance quickly through playback. Release to return to playing speed. Elapsed time displays.

⏮ (Seek Down):

1. Press to seek to the beginning of the current or previous track. If the track has been playing for less than five seconds, the previous track plays. If playing longer than five seconds, the current track restarts.
2. Press and hold to reverse quickly through playback.
3. Release to return to playing speed. Elapsed time displays.

USB Menu



Press any of the following buttons on the USB Menu:

Shuffle Songs: Press to play the tracks randomly. Press again to stop shuffle.

Playlists: Press to view the playlists stored on the USB. Select a playlist to view the list of all songs in that playlist. There might be a delay before the list displays. Select a song from the list to begin playback.

Artists: Press to view the list of artists stored on the USB. Select an artist name to view a list of all songs by the artist. There might be a delay before the list displays. Select a song from the list to begin playback.

Albums: Press to view the albums on the USB. Select the album to view a list of all songs on the album. There might be a delay before the list displays. Select a song from the list to begin playback.

Song Titles: Press to display a list of all songs on the USB. Songs are displayed as stored on the disc. There might be a delay before the list displays. To begin playback, select a song from the list.

Genres: Press to view the genres on the USB. Select a genre to view a list of all songs of that genre. Select a song from the list to begin playback.

Folders: Press to open a folder list to access the files within the folder structure.

File System and Naming

The song titles, artists, albums, and genres are taken from the file's ID3 tag and are only displayed if present in the tag. If a song title is not present in the ID3 tag, the radio displays the file name as the track name.

Playing from an iPod®

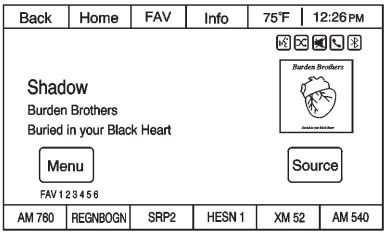
This feature supports the following iPod models:

- iPod nano (1st, 2nd, 3rd, and 4th generation)
- iPod with video (5.0 and 5.5 generation). Video is not shown; only audio is supported.
- iPod classic (6th generation)
- iPod touch (1st and 2nd generation)

There may be problems with operation and function in the following situations:

- When connecting an iPod on which a more recent version of the firmware is installed than is supported by the infotainment system.
- When connecting an iPod on which firmware from other providers is installed.

To connect and control an iPod, connect one end of the standard iPod USB cable to the iPod's dock connector. Connect the other end to the USB port in the center console.

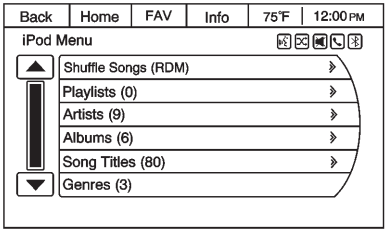


iPod music information displays on the radio's display and begins playing through the vehicle's audio system.

The iPod battery recharges automatically while the vehicle is on. When the vehicle is off while an iPod is connected using the iPod USB cable, the iPod battery stops charging and the iPod automatically turns off.

If the iPod is an unsupported model, it can still be listened to in the vehicle by connecting to the auxiliary input jack using a standard 3.5 mm (1/8 in) stereo cable.

iPod Menu



Shuffle Songs: Press to play the tracks randomly. Press again to stop shuffle.

Press any of the following buttons on the iPod Menu:

Playlists:

1. Press to view the playlists stored on the iPod.
2. Select a playlist name to view a list of all songs in the playlist.
3. Select the desired song from the list to begin playback.

Artists:

1. Press to view the artists stored on the iPod.
2. Select an artist name to view a list of all songs by the artist.
3. Select the desired song from the list to begin playback.

Albums:

1. Press to view the albums stored on the iPod.
2. Select an album name to view a list of all songs on the album.
3. Select the desired song from the list to begin playback.

Song Titles:

1. Press to view a list of all songs stored on the iPod.
2. Select the desired song from the list to begin playback.

Genres:

1. Press to view the genres stored on the iPod.
2. Select a genre name to view a list of all songs of that genre.
3. Select the desired song from the list to begin playback.

Podcasts:

1. Press to view the podcasts stored on the iPod.
2. Select a podcast name to play the desired podcast.

Composers:

1. Press to view the composers stored on the iPod.
2. Select a composer name to view a list of all songs by that composer.
3. Select the desired song from the list to begin playback.

Audio Books:

1. Press to view the audio books stored on the iPod.
2. Select an audio book name to view a list of all audio books.
3. Select the desired audio book from the list to begin playback.

Playing from an iPhone®

This feature supports the following iPhone model:

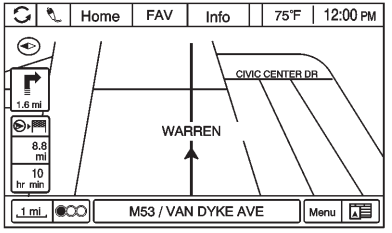
- iPhone (3g – 3gs)

To use the iPhone, follow the same instructions as stated earlier for using an iPod.

Navigation

Using the Navigation System

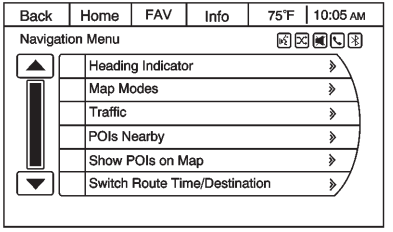
Use the NAV button on the faceplate or Home Page to access the navigation map.



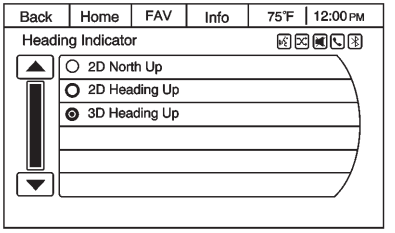
Press the NAV button again to change between alternative views of the normal split and full map views.

The Menu screen button located at the bottom right side of the display accesses the Navigation Menu.

The touch-sensitive buttons available are:



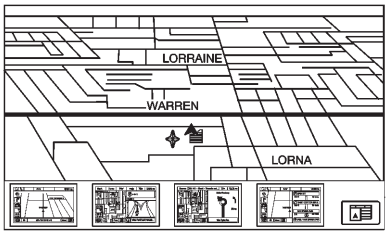
Heading Indicator



Press Heading Indicator to display the Map View. There are three indicator settings:

- 2D North Up — Displays North at the top of the map screen regardless of the direction the vehicle is traveling.
- 2D Heading Up — Displays the direction the vehicle is traveling. The shaded triangle icon points North.
- 3D Heading Up — Is the same as 2D Heading Up, but the map is in 3D.

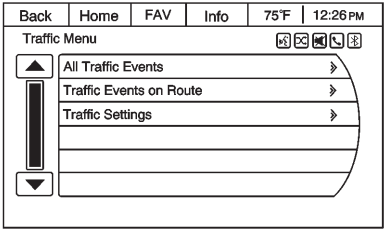
Map Modes



Press to change the view of the maps while using the navigation function. The system offers a variety of full and split views. Some views are only selectable when route guidance is active.

An alternative method to change the view of the maps would be to press the map mode icon.

Traffic

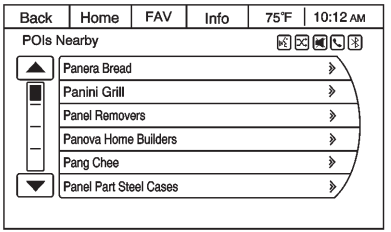


Press Traffic to display the Traffic Menu. Press the desired option.

Options available are:

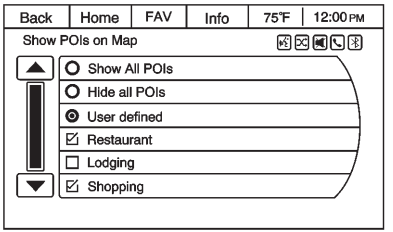
- All Traffic Events — Press to view all reported traffic events while on or off a planned route.
- Traffic Events on Route — Press to view traffic events while on a planned route.
- Traffic Settings — Press to customize traffic options. This feature can also be accessed by pressing the traffic light screen button displayed at the left lower side of the map screen. See *Configure Menu on page 47* in this section.

POIs Nearby



Press to display a search list of nearby POIs. Select the desired POI.

Show POIs on Map



Press to customize which major POI categories are displayed on the map.

Switch Route Time/Destination

Press to customize the Arrival/ Travel time and Waypoint/ Destination information that is displayed in the main map screen.

Current Position Information

Press to display a split screen showing detailed information about the vehicle position. This feature can also be accessed by pressing the vehicle information tab located on the lower center of the display.

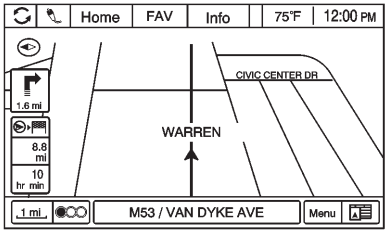
Destination Information

Press to display a split map screen showing the next waypoint/ destination.

Map Adjustments

The system lets you adjust the scale of view on the map. Also, as you drive, the map scrolls automatically based on the direction of travel.

Map Scales



There are two methods to change the map scale:

- Turn the MENU knob clockwise or counterclockwise to zoom out or in.
- Press the Map Scale button on the left bottom corner of the map screen to change the zoom level.

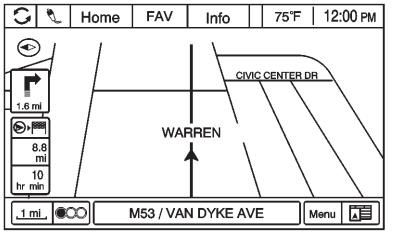
  The map scale bar times out if the zoom level is not changed within a few seconds.

The scale ranges from 50 m (50 yd) to 350 km (250 mi). To change from metric to English, see “Driver Information Center (DIC)” in the Index of the owner manual for more information.

Scroll Features

- To scroll within the map, touch anywhere on the map screen and the scroll symbol displays.
- Tap the map to center at that location on the screen.
- Press and hold the screen in any direction outside the scroll symbol to scroll the map in that direction.
- Scroll speed increases when touching closer to the edge of the screen.
- Press NAV on the faceplate to exit map scrolling and return to the current vehicle location on the map.

Press the cycling arrows located at the top of the map screen to toggle from the normal top bar (Home and FAV) to the audio information bar.



Maps

This section includes basic information that you need to know about the map database.

The maps are stored on a Secured Digital (SD) card that is used in the navigation system.

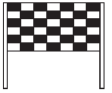
Detailed Areas

Road network attributes are contained in the map database for detailed areas. Attributes include information such as street names, street addresses, and turn restrictions. A detailed area includes all major highways, service roads, and residential roads. The detailed areas include points of interest (POIs) such as restaurants, airports, banks, hospitals, police stations, gas stations, tourist attractions, and historical monuments. The map database may not include data for newly constructed areas or map database corrections that are completed after the production of the SD card. The navigation system provides full route guidance in the detailed map areas.

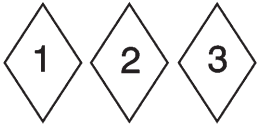
Navigation Symbols

Following are the most common symbols that appear on a map screen.

The vehicle symbol indicates the current position and heading direction of the vehicle on the map.



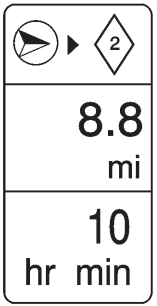
The destination symbol marks the final destination after a route has been planned.



The waypoint symbol marks one or more set waypoints.

A waypoint is a stopover destination point added to the planned route.

The estimated time and distance to the destination are displayed.



If waypoints have been added to the current route, each waypoint destination displays estimated time and distance.

This symbol indicates that the map view is North up: North up displays North at the top of the map screen regardless of the direction the vehicle is traveling. Select this screen symbol to change the view to Heading up or 3D.

This symbol indicates that the map view is Heading up.

Heading up view displays the direction the vehicle is traveling at the top of the map screen. The shaded triangle indicates North.

Press this screen symbol to change to 3D mode.

The 3D symbol is the same as the Heading up symbol, but the map is in 3D.

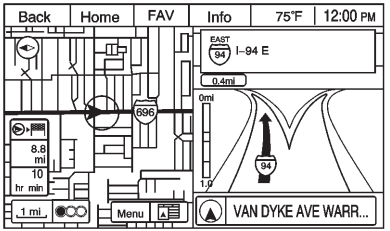
The No GPS symbol appears when there is no Global Positioning System (GPS) satellite signal.

This symbol located at the bottom of a map screen brings up the map mode pop-up screen.

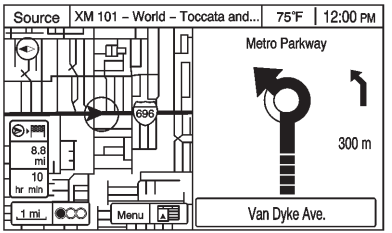
Driving on a Route

Urgent Maneuver Alert

The system will give an indication that the next maneuver is close.

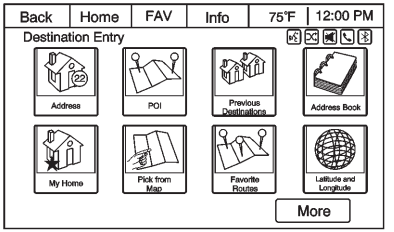


Driving on a Highway



Driving on a Residential Road

Destination



If route guidance is not active, press the Destination Entry screen button on the Home Page or the DEST button on the faceplate to access the Destination Entry screen. Several options can be selected to plan a route by entering destinations. Some destination entry items such as Previous Destinations, Address Book, and My Home may be grayed out if no destination was previously entered or saved.

Alpha-Numeric Keyboard

Letters of the alphabet, symbols, punctuation, and numbers, when available, display on the navigation screen as alpha/numeric keyboards. The alpha keyboard displays when data needs to be entered.

QWERTY or ABCDEF: Press to toggle between QWERTY or ABCDEF keyboard character layouts.

Symbols: Use to select symbols.

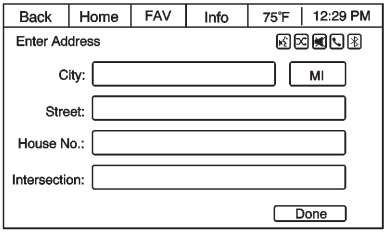
Space: Use to enter a space between characters or the words of a name.

Delete: Press to delete an incorrect character that has been selected.

Address Entry

Press the Address Entry screen button to display the Enter Address screen. Set a route by entering the state name, city name, street name, house number, and intersection.

To make name selection easier, the system highlights only characters that are available after the previously entered one.



State: Enter a state name.

City: Enter a city name.

Street: Enter a street name.

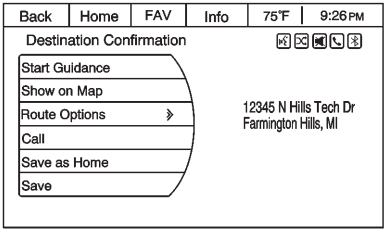
House No.: Enter a valid address number.

Intersection: Enter a street name that intersects with the selected street.

Entering the city name first:

1. Enter the city name. The city field is automatically selected.
2. Enter the street name. This field is automatically selected. Use the Delete screen button to delete an incorrectly entered character.

   A list displays if six or fewer names are available. If there are more than six, there is a match counter with a number of available streets. Press the List screen button to view the list and select the street.
3. Enter the house number. This field is automatically selected.
4. Press the Done screen button at any time and the system tries to resolve a destination based on the entered information, then displays it on the Destination Confirmation screen.



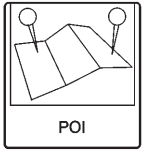
5. Press the Start Guidance screen button and the route calculates.

Entering the street name first:

1. Make sure the state has been entered before selecting the street name field. Enter the street name. Do not enter directional information or street type. Use the Delete screen button to delete an incorrect character.

   A list displays if six or fewer names are available. If there are more than six, press the List screen button to view the list and select the street.
2. Select the city from the list or enter the city name.
3. Enter the house number. This field is automatically selected.
4. Press the Done screen button.
5. Press the Start Guidance screen button and the route calculates.

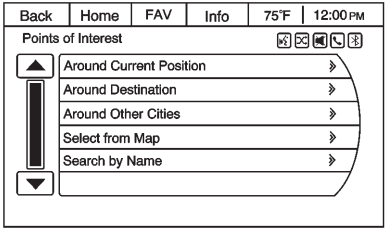
Points of Interest (POI)



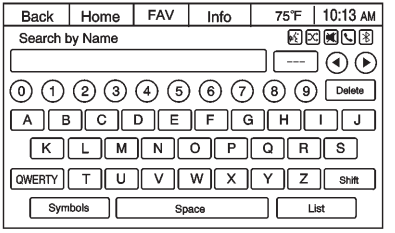
Press the Points of Interest screen button located on the Destination Entry page. Several options can be selected to plan a route.

The POI entry list allows selection of a destination by category search, selection from map, or search by name method.

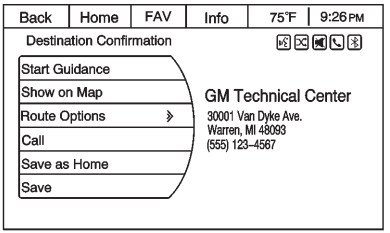
Entering by POI name:



1. Select Search by Name.



2. Make sure the correct state is selected, then select Name.
3. Enter the POI name.
4. Select a few of the characters or spell the name in full, by pressing on the alpha keyboard.
5. Press the List screen button, or if the list has six or fewer items, a list of POIs will immediately display.
6. Press the desired POI.

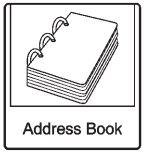


7. Press the Start Guidance screen button and the route calculates.

Previous Destinations

Select a destination from the Previous Destination List. Up to 15 points that have been previously entered can be recalled. If the list is full, the oldest destinations are automatically deleted once the newest destinations are added.

Address Book



If no destination is saved to the address book, save a destination by doing the following:

1. Press the Home Page Destination or DEST faceplate button.
2. Enter an address using any of the destination methods (Address Entry, POI Entry, etc.).
3. On the Destination Confirmation screen, select Save.
4. The system displays the options Name, Number, Icon, and Done. Press Done to save the destination.
5. To customize the address book entry, select Name, Number, or Icon.

If a destination is already saved to the address book, press the Home Page Destination Entry or DEST faceplate button to display the Address Book screen button.

Choose a destination by selecting an address that has been stored in the address book.

1. Press the Address Book screen button. A list displays the address book entries.
2. Select the destination from the list.
3. Press the Start Guidance screen button and the route calculates.

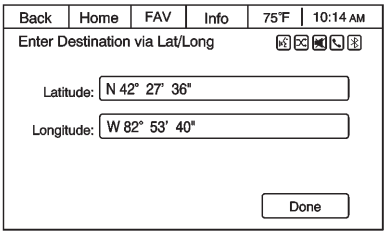
To edit Address Book entries:

1. Select an item from the address book.
2. On the Destination Confirmation screen, select Edit.
3. The system displays the options Name, Number, Icon, and Delete. Press Delete to delete the destination from the address book.
4. To customize the address book entry, select Name, Number, or Icon.

Latitude/Longitude Coordinates

Latitude and Longitude

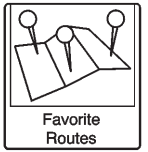
Choose a destination based on latitudinal and longitudinal coordinates.



To enter the location as coordinates, latitude and longitude:

1. Press the Home Page Destination screen button. Press the Latitude and Longitude screen button to display the screen above.
2. Enter the Latitude and Longitude coordinates for the destination in degrees, minutes, and seconds.
3. Press the Done screen button if the information is correct.
4. Press the Start Guidance screen button. The route calculates.

Favorite Routes


Favorite Routes

Adding a Favorite Route:

1. Press the Home Page Destination Entry or DEST faceplate button to display the Favorite Routes screen button.
2. Press the Favorite Routes screen button to display Add Favorite Route.
3. Select Add Favorite Route and enter a favorite route name.
4. Press OK and the display returns to the favorite routes list.
5. Select the favorite route and add a waypoint using any of the destination methods, such as address entry, POI entry, etc.

Selecting a Favorite Route:

1. Press the Home Page Destination Entry or DEST faceplate button to display the Favorite Routes screen button.
2. Press the Favorite Routes screen button to display a list of available favorite routes.
3. Scroll and select a favorite route.
4. Press the Start Guidance screen button. The route calculates.

Deleting a favorite route:

1. Press the Home Page Destination Entry or DEST faceplate button to display the Favorite Routes screen button. Press this button to display the list of available favorite routes.
2. Scroll and select the route to be deleted.
3. Press Edit.
4. Press Delete Favorite Route.

Changing the route name:

1. Press the Home Page Destination Entry or DEST faceplate button to display the Favorite Routes screen button. Press this button to display the list of available favorite routes.
2. Press the Edit screen button.
3. Select Edit Name.
4. Using the keypad, enter the name.
5. Press the Done screen button. The new name will be in the Favorite Routes Menu.

My Home

If no home destination is entered, save a destination by pressing the Home Page Destination Entry or DEST button on the faceplate. Enter a destination using any of the destination entry methods (Address Entry, POI Entry, etc.). Select Save as Home from the Destination Confirmation screen.

If a destination is already saved as home, press the Home Page Destination Entry or DEST faceplate button to display the My Home screen button. Press this button to display the Destination Confirmation screen.

Pick from Map

- Press the Home Page Destination Entry or DEST faceplate button to display the Pick from Map screen button. Press this button to display the map screen with a scroll symbol centered on the map.
- Press the Zoom in/out button on the screen and press the map to locate the destination to select. Press and hold a finger on the map to activate fast scrolling.
- Press the Go button on the bottom of the screen to display the Destination Confirmation screen.
- Press the Start Guidance screen button. The route calculates.

Destination Confirmation

Multiple options are available on the Destination Confirmation screen:

Start Guidance: Press to start a route calculation to the displayed destination.

Show on Map: Press to switch to the map view with the displayed destination centered on the map.

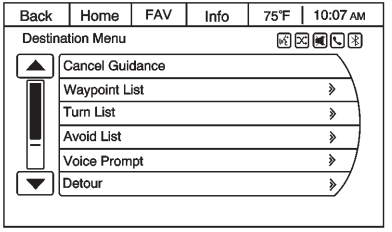
Route Options: Press to modify your route options. See “Navigation Settings” for more information.

Call: Press to initiate a phone call to the displayed phone number (if phone capability is available).

Save as Home: Press to save the displayed destination as your home destination. The home destination will be stored at the top of the list of destinations in the address book.

Save/Edit: Press to save the displayed destination into the address book. If the displayed destination is already stored in the address book, Edit will show as the menu item.

Destination Menu with Route Guidance Active

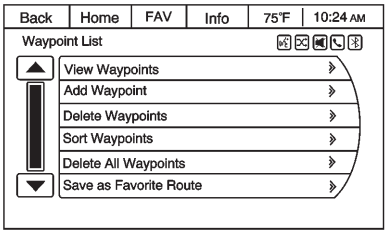


Several functions can be performed after a destination has been entered. Press the Home Page Destination Entry screen button or the DEST faceplate button to access the Destination Menu screen.

Cancel Guidance

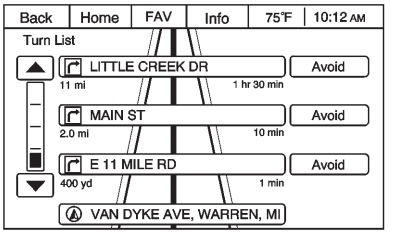
Press Cancel Guidance to cancel the current route.

Waypoint List



Select Waypoint List to view options for organizing waypoints.

Turn List



Select Turn List to view a list of maneuvers for the entire route. Press the Avoid screen button located next to one of the turn maneuvers to avoid a segment of roads. A maximum of eight avoided segments are allowed.

Avoid List

Select Avoid List to display a list of avoided road segments with the option to remove the avoided items from the list.

Detour

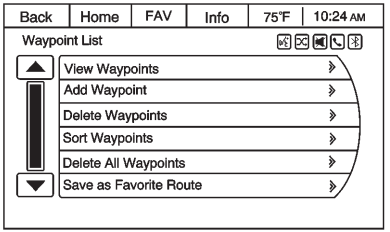
Press Detour to display the route detour options. Select to detour the whole route or by a specific distance.

Route Options

This feature can be accessed from the Destination Confirmation Menu, Navigation Settings Menu, and Destination Menu with Route Guidance Active. See “Navigation Settings Button” for more information.

Waypoints

Up to three waypoints can be added to the current route. The waypoints can be sorted (moved) or deleted.

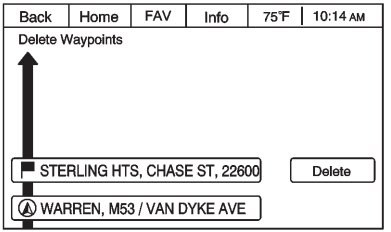


To add a waypoint:

1. From the Waypoint List menu, press Add Waypoint.
2. Enter the waypoint by any of the add destination methods. The system calculates and highlights the route and the route can be started.
3. To add more waypoints, press Add Waypoint to add the waypoint in the order desired on the route.

To delete a waypoint:

1. From the Destination menu, press Waypoint List.
2. Press Delete Waypoints.



3. Select the waypoints to be deleted. Press the Delete screen button.

The Sort Waypoint feature allows reorganization of the waypoint list.

To sort a waypoint:

1. From the Destination menu, press Waypoint List.
2. Press Sort Waypoints.
3. Select the waypoint to move.
4. Select the location to move the waypoint to.

Instead of deleting individual waypoints, select Delete All Waypoints to delete all waypoints at the same time.

To save a waypoint list as a favorite route, select Save as Favorite.

OnStar® Destination Download

The destination download lets an OnStar® subscriber ask an OnStar Advisor to download a destination to the navigation system. OnStar will send address information and location coordinates of the destination into the navigation system.

Using Destination Download

If the navigation radio screen is turned off before a download, the system automatically turns the screen on and displays a download confirmation message. The radio remains on after the download.

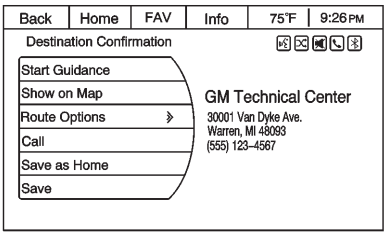
The navigation system displays “Please wait” as the address is searched within the map database.

If the address is not found within the map database, the system may use latitude and longitude coordinates to locate the destination.

If the system is unable to locate the address, the Destination Not Found screen displays.

Route Guidance Not Active

If an OnStar destination is downloaded while route guidance is not active, the navigation system displays a pop-up screen with the following screen functions:



Start Guidance: Press to start route calculation to the destination(s) received.

Show on Map: Press to display the Map Screen.

Call: Press to initiate a call with Bluetooth Phone (if available) or OnStar Personal Call.

Save as Home: Press to set an address as a home destination.

Save: Press to save the downloaded destination to the address book.

Route Guidance Active

If an OnStar destination is downloaded while route guidance is already active, the system displays a pop-up screen with the following screen function:

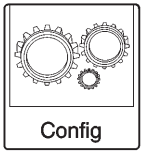
- Press Start Guidance; the navigation system adds the downloaded destination before the next waypoint of the existing route (closest to the current vehicle position).
- All other buttons on the pop-up screen operate as described under “Route Guidance Not Active.”

Previous Destinations

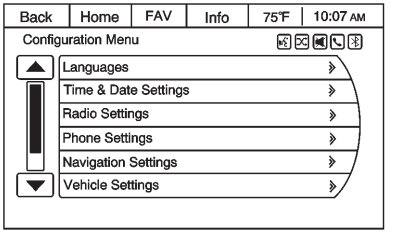
Previously downloaded OnStar destinations are saved under Previous Destinations in the navigation system, where they can be accessed or saved to the Address Book.

Configure Menu

The Configuration Menu is used to adjust features and preferences, such as Sound, Radio, Nav (Navigation), Display, or Clock Settings.



1. Press the Config screen button on the Home Page or the CONFIG button on the faceplate.

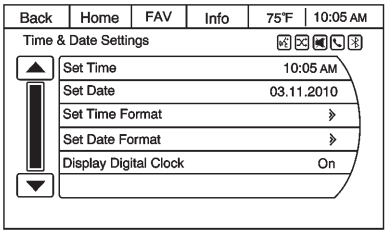


2. Touch-tap the scroll bar until the desired option displays. Select the desired settings to change.

Languages

Press the Config button on the Home Page or the CONFIG button on the faceplate to enter the menu options. Turn the MENU knob or touch-tap the scroll bar to scroll through the available options. Press the MENU knob or press Languages to display the languages. Select the desired language.

Time and Date Settings



From the Time & Date Settings screen button, press to display the Time & Date Settings menu.

Set Time: Press the up or down arrows to increase or decrease the Hours and Minutes displayed on the clock.

Set Date: Press the up or down arrows to increase or decrease the day.

Set Time Format: Press the 12 Hours screen button for standard time; press the 24 Hours screen button for military time.

Set Date Format: Depending on the region, the following date formats may be available: MM/DD/YYYY, DD.MM.YYYY, or YYYY/MM/DD.

Display Digital Clock: Press Display to turn the display of the clock on the screen On or Off.

Radio Settings

Press the Config button on the Home Page or the CONFIG button on the faceplate to enter the menu options. Turn the MENU knob or touch-tap the scroll bar to scroll through the available options. Press the MENU knob or press Radio Settings to display the radio settings menu. Press this feature to make changes for radio information displayed, preset pages, Auto Volume Control, and XM Categories Restore. See *Satellite Radio on page 20* (if equipped), for more information about XM Categories.

The Radio Settings are:

Speed Dependent Volume: Select OFF, Low, Medium, or High sensitivity to automatically adjust the volume to minimize the effects of unwanted background noise that can result from changing road surfaces, driving speeds, or open windows. This feature works best at lower volume settings where background noise is typically louder than the sound system volume.

Startup Volume: Press to set the maximum volume level for startup that will be used even if a higher volume had been set when the radio was turned off.

Radio Favorites: Press to select the number of FAV pages to be used in the system.

Add/Remove XM Categories: Press to customize which available XM Categories are used and displayed in the system.

RDS Settings: Press to customize station name and radio text display options.

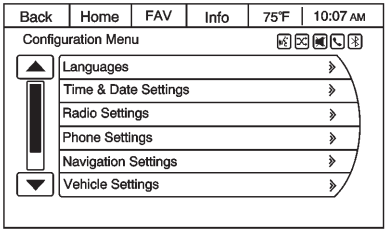
Phone Settings

See *Bluetooth on page 60* in the "Phone" section for more information on phone settings.

Navigation Settings

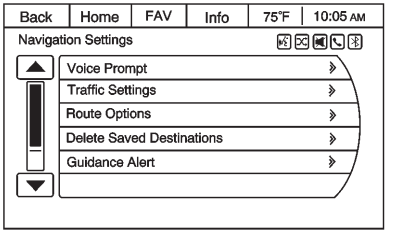
Press the Config button on the Home Page or the CONFIG button on the faceplate to enter the setup menu. Turn the MENU knob or touch-tap the scroll bar until the Navigation Settings option displays. Select this feature to make changes to Voice Prompt, Traffic, Route Options, and Home Address.

Navigation Settings Button

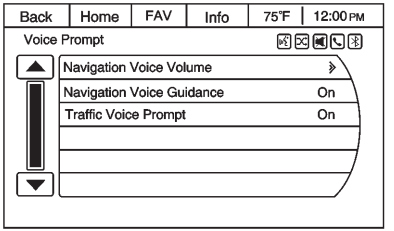


Various navigation system settings are available through the Configuration Menu. Some options are only available after a route is planned.

Press Navigation Settings to access the navigation system settings.



Voice Prompt



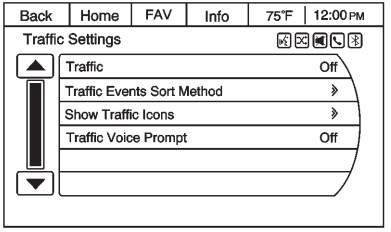
The Voice Prompt Menu allows changes to the voice prompt features.

Navigation Voice Volume: Select Navigation Voice Volume to change the volume of the navigation prompts.

Navigation Voice Guidance: Select the On or Off button to turn the voice instructions on or off while traveling on a planned route.

Traffic Voice Prompt: Select the On or Off button to turn the traffic voice prompt on or off.

Traffic Settings



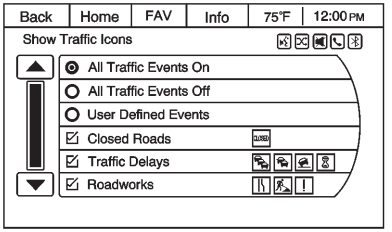
Press to display the Traffic Settings menu.

Traffic (On/Off): Press to enable or disable the traffic feature.

Traffic Events Sort Method: Press to display a submenu of sort options.

- Sort by Distance — Press to display traffic events in order of distance with the closest event shown first.
- Sort by Name — Press to display traffic events in alphabetical order.

Show Traffic Icons: Press to display traffic icons on the map.



- All Traffic Events On — Press to enable display of all traffic icons on the map.
- All Traffic Events Off — Press to disable display of all traffic icons on the map.
- User Defined Events — Press to define the individual types of icons that are displayed for traffic flow and traffic conditions.

Traffic Flow

The traffic flow status will display in green, yellow, or red lines beside the road.

- Red indicates significantly impaired traffic flow with average speed less than 40 km (25 mph).
- Yellow indicates slightly impaired traffic flow with average speed between 40 km and 73 km (25 and 45 mph).
- Green indicates normal traffic flow with average speed above 73 km (45 mph).

Closed Roads, Traffic Delays, Roadwork, Incidents, and Advisories

Select the traffic event group for display on the map screen. Some events may cover more than one traffic condition. See the following traffic conditions.

Traffic Conditions

The following traffic condition icons may display:

Stopped Traffic

Traffic Jam

Accident

Road Closed

Lane Narrows

Road Work, Construction

Alert

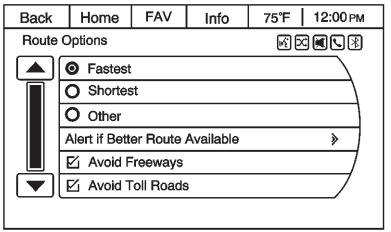
Road Condition

Road Visibility

Other

Traffic Voice Prompt: Press to enable or disable traffic prompts.

Route Options



Press to display the various route option preferences.

Fastest, Shortest, or Other: Press one of these options while planning a route.

Alert if Better Route Available:

There are two options.

Automatic Recalculation — If enabled and a route with fewer traffic delays is found, the system will automatically recalculate without user confirmation.

Calculate After Confirmation — If enabled, the system will provide a pop-up if a possible guidance route is available to detour around traffic events on the route. Select Yes from the pop-up and the new route will be calculated. XM™ NavTraffic information might not be provided for the alternate route, depending on what type of road the vehicle is traveling.

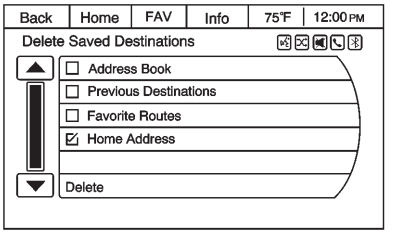
Avoid Freeways: Press to avoid major roads. A checkmark appears to indicate the Avoid mode is on.

Avoid Toll Roads: Press to avoid toll roads. A checkmark appears to indicate the Avoid mode is on.

Avoid Ferries: Press to avoid ferries. A checkmark appears to indicate the Avoid mode is on.

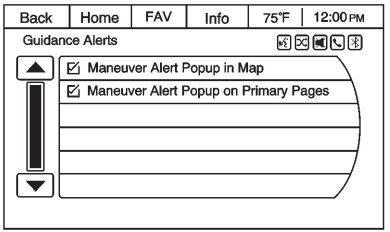
Avoid Tunnels: Press to avoid tunnels. A checkmark appears to indicate the Avoid mode is on.

Delete Saved Destinations



Press to delete all saved destinations. A Delete Saved Destinations submenu displays. Select the desired options for deletion.

Guidance Alerts



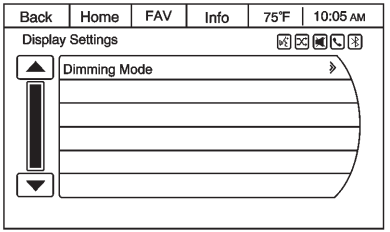
Press to enable the guidance alert pop-up to be viewed on the map or on the main screens such as audio, weather, phone, etc. A checkmark appears to indicate the guidance alert mode is on.

Vehicle Settings

See “Vehicle Personalization” in the Index of the vehicle owner manual for more information.

Display Settings

Press the Config button on the Home Page or the CONFIG button on the faceplate, then select Display Settings from the list.



The following options may display:

Dimming Mode: Press to change the screen background.

- The Automatic setting adjusts the screen background automatically depending on the exterior lighting conditions.
- The Day setting brightens the map background.
- The Night setting darkens the map background.

To change the overall brightness setting for the display, use the vehicle interior lighting instrument panel illumination control.

XM NavTraffic™ (If Equipped)

The navigation system might have an XM NavTraffic receiver. It is a subscription service provided through XM Satellite Radio.
A service fee is required to receive the XM NavTraffic service.
Real-time traffic information is provided to fully integrate the navigation system to display current traffic conditions for the chosen route. See “Traffic Settings” in this section for more information.

A screen displays to indicate that the XM Traffic subscription is not activated.

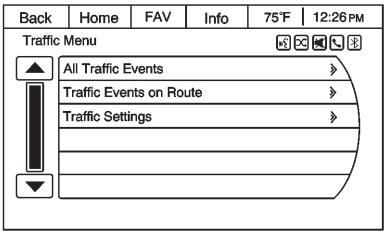
If activated, traffic information displays:

- Unscheduled traffic incident data, such as accidents and disabled vehicles.
- Scheduled traffic incident data, such as road construction and road closures.
- Traffic flow information (rate of speed data). Flow data might not be available in all markets.

Traffic information is delivered to the vehicle by the XM Radio satellites. XM NavTraffic provides continuously updated traffic information.

XM NavTraffic currently broadcasts the traffic information for many markets nationally. The service may be available in more cities in the future. Visit www.xmnavtraffic.com for more details on local coverage.

To access the traffic features, press the XM Traffic button on the Home Page or map screen.



All Traffic Events: Press to view a list of reported traffic conditions for up to approximately 150 km (100 mi). It could take some time to display the information received.

The information is displayed with an arrow and distance. The arrow indicates the distance is a straight line and the direction of the event from the vehicle's current position.

Traffic Events on Route: Press to display a list of reported traffic conditions on the current route. The button is toned down if no route is active.

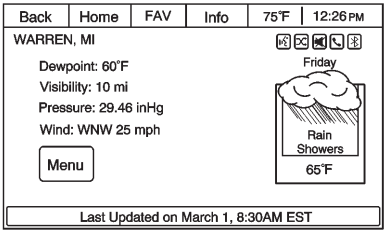
Traffic Settings: Press to customize traffic options.

XM Weather (If Equipped)

From the Home Page, press the XM Weather screen button. The system displays the current weather page.

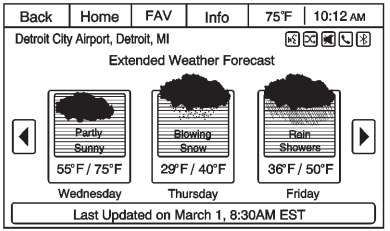
Current Condition

The current weather page shows the current weather condition in the city of the vehicle's current position. On this page, select the Menu screen button to access other weather options, such as Extended Forecast, Weather Along the Route, Weather Around Other Cities, and Weather Alerts.



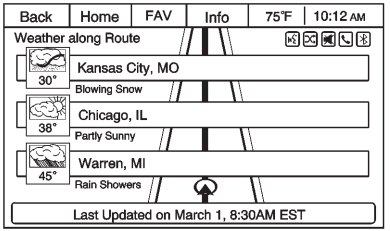
Allow approximately 15 minutes for the current weather in the area to display.

Extended Forecast



Press to show the extended forecast.

Weather Along the Route



If a destination is set, there is the option to view weather conditions for up to three locations along the route:

- Current vehicle position.
- Midway point from current position to final destination.
- Current weather condition of the destination city.

Weather Alerts

From the XM Weather Menu, press the Weather Alerts screen button to display any current weather advisory warnings in effect near the current position.

Weather Around Other Cities

Select this option to view weather conditions around or in a specific city entered by name or selected from the map.

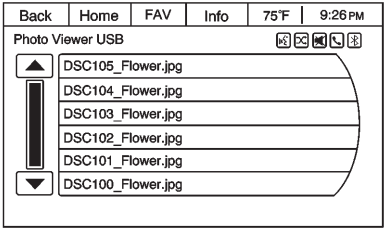
Restore to Current Location

Press the Restore Current Location screen button to display the weather condition for the city where the vehicle is currently located, if the system was modified to view weather conditions in another city.

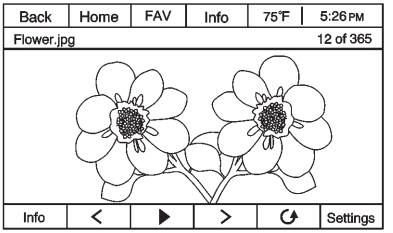
Photo Viewer

The Photo Viewer can only be used with USB devices. If the pictures are on an SD card, the pictures can only be viewed if placed on a USB device or by using a USB-SD adapter. File sizes above approximately six mega pixels may not show. Only jpeg files are supported.

1. Press the Viewer screen button on the Home Page.
2. The system does a search to find the picture folders. A “Please wait” message displays until the search is finished.



3. A list displays. Select a picture to view.



4. Once a picture displays, the following options are available:

Info: Press to turn file name information on or off.

<: Press to display a previous picture if not in slide show mode.

▶: Press to toggle between slide show mode and manual mode.

>: Press to display a next picture if not in slide show mode.

↻: Press to manually rotate a picture 90 degrees counterclockwise.

Settings: Press to open the Photo Viewer settings screen. Slide Show Timer, Shuffle Image Settings, and Automatic Rotation Settings can now be configured.

If the displayed picture screen is not used within six seconds, the upper and lower bar options will disappear. Touch-tap the screen to re-display the upper and lower bar.

Global Positioning System (GPS)

The position of the vehicle is determined by using satellite signals, various vehicle signals, and map data.

At times, other interferences such as the satellite condition, road configuration, condition of the vehicle, and/or other circumstances can interfere with the navigation system's ability to determine the accurate position of the vehicle.

The GPS shows the current position of the vehicle using signals sent by the GPS Satellites of the United States Department of Defense. When the vehicle is not receiving signals from the satellites, a symbol appears on the map screen. See *Navigation Symbols on page 34*.

This system might not be available or interferences can occur if any of the following are true:

- Signals are obstructed by tall buildings, trees, large trucks, or a tunnel.
- Satellites are being repaired or improved.

For more information if the GPS is not functioning properly, see *Problems with Route Guidance on page 58* and *If the System Needs Service on page 59*.

Vehicle Positioning

At times, the position of the vehicle on the map could be inaccurate due to one or more of the following reasons:

- The road system has changed.
- The vehicle is driving on slippery road surfaces such as sand, gravel, or snow.
- The vehicle is traveling on winding roads or long straight roads.
- The vehicle is approaching a tall building or a large vehicle.
- The surface streets run parallel to a freeway.
- The vehicle has been transferred by a vehicle carrier or a ferry.
- The current position calibration is set incorrectly.
- The vehicle is traveling at high speed.

- The vehicle changes directions more than once, or the vehicle is turning on a turn table in a parking lot.
- The vehicle is entering and/or exiting a parking lot, garage, or a lot with a roof.
- The GPS signal is not received.
- A roof carrier is installed on the vehicle.
- Tire chains have been installed.
- The tires are replaced or worn.
- The tire pressure for the tires is incorrect.
- This is the first navigation use after the map data is updated.
- The 12-volt battery is disconnected for several days.
- The vehicle is driving in heavy traffic where driving is at low speeds, and the vehicle is stopped and started repeatedly.

Problems with Route Guidance

Inappropriate route guidance can occur under one or more of the following conditions:

- The turn was not made on the road indicated.
- Route guidance might not be available when using automatic rerouting for the next right or left turn.
- The route might not be changed when using automatic rerouting.
- There is no route guidance when turning at an intersection.
- Plural names of places might be announced occasionally.
- It could take a long time to operate automatic rerouting during high-speed driving.
- Automatic rerouting might display a route returning to the set waypoint if heading for a destination without passing through a set waypoint.
- The route prohibits the entry of a vehicle due to a regulation by time or season or any other regulation which may be given.
- Some routes might not be searched.
- The route to the destination might not be shown if there are new roads, if roads have recently changed, or if certain roads are not listed in the map data. See *Maps on page 34* for more information.

To recalibrate the vehicle's position on the map, park with the vehicle running for two to five minutes, until the vehicle position updates.

If the System Needs Service

If the navigation system needs service and the steps listed here have been followed but there are still problems, see your dealer for assistance.

Map Data Updates

The map data in the vehicle is the most up-to-date information available when the vehicle was produced. The map data is updated periodically, provided that the map information has changed.

US and Canada

For questions about the operation of the navigation system or the update process, contact the GM Nav Disc Center toll-free phone number, 1-877-NAV-DISC (1-877-628-3472) or go to the center's website, www.gmnavdisc.com. If updates are needed, call the GM Nav Disc Center or order a new SD card online. To order map data, have the vehicle's Vehicle Identification Number (VIN) available. See “Vehicle Identification Number (VIN)” in the owner manual.

Mexico

For any questions about the operation of the navigation system or the update process, contact General Motors of Mexico, Customer Care Center Chevrolet toll-free phone number, 01-800-466-0800 or write to, cac.chevrolet@gm.com. Have the Vehicle Identification Number (VIN) available when ordering to ensure the correct and most up-to-date DVD map disc for the vehicle is sent. See “Vehicle Identification Number (VIN)” in the owner manual for more information.

After receiving the updated map data, see *Maps on page 34* for more information.

Database Coverage Explanations

Coverage areas vary with respect to the level of map detail available for any given area. Some areas feature greater levels of detail than others. If this happens, it does not mean there is a problem with the system. As the map data is updated, more detail can become available for areas which previously had limited detail. See *Map Data Updates on page 59* for more information.

Voice Recognition

The navigation system is not equipped with voice recognition. Vehicles equipped with OnStar may have limited voice recognition for features such as Hands-Free Calling.

See *Bluetooth on page 60* for more information.

Voice recognition can be used when the vehicle is on or when Retained Accessory Power (RAP) is active. See “Retained Accessory Power (RAP)” in the vehicle owner manual for more information.

Using Voice Recognition

1. Press and hold the / steering wheel button for less than two seconds. The audio system mutes and a beep is heard. A voice prompt stating, “Ready” might be heard.

   While voice recognition is active, the system displays a symbol.
2. Clearly speak one of the commands listed in “Using Voice Recognition” under *Using Voice Recognition on page 61*.

Canceling Voice Recognition

1. Press and release the / steering wheel button to cancel a command.
2. The system replies, “Goodbye.”
3. Press and release the / steering wheel button to restart the voice recognition session.

Phone

Bluetooth

For vehicles equipped with Bluetooth capability, the system can interact with many cell phones, allowing:

- Placement and receipt of calls in a hands-free mode.
- Sharing of the cell phone’s address book or contact list with the vehicle.

To minimize driver distraction, before driving, and with the vehicle parked:

- Become familiar with the features of the cell phone. Organize the phone book and contact lists clearly and delete duplicate or rarely used entries. If possible, program speed dial or other shortcuts.
- Review the controls and operation of the infotainment and navigation system.

- Pair cell phone(s) to the vehicle. The system may not work with all cell phones. See *Using Voice Recognition on page 61* and *Pairing a Phone Using the Infotainment System on page 67* for more information.
- If the cell phone has voice dialing capability, learn to use that feature to access the address book or contact list. See *Using Voice Recognition on page 61* in this section for more information.
- See *Using Voice Recognition on page 61* and *Pairing a Phone Using the Infotainment System on page 67* for more information.

⚠ WARNING

When using a cell phone, it can be distracting to look too long or too often at the screen of the phone or the infotainment (navigation) system. Taking your eyes off the road too long or too often could cause a crash resulting in injury or death. Focus your attention on driving.

Infotainment Controls

If equipped, the infotainment system allows certain controls to be selected on the infotainment display. See the OnStar owner manual under “OnStar Screen User Interface” for more information.

Using Voice Recognition

To use voice recognition, press ✆ / 🎙 on the steering wheel.

If you know the command you would like to execute, say the command. If the command is not known, say “Help” while in any voice recognition menu.

Pairing a Phone

1. Press ✆ / 🎙.
2. Say “Bluetooth.”
3. Say “Pair.” The system responds with instructions and a four-digit Personal Identification Number (PIN). The PIN is used in Step 5.
4. Start the pairing process on the cell phone that you want to pair. For help with this process, see your cell phone manufacturer's user guide.

5. Locate the device named “Your Vehicle” in the list on the cell phone. Follow the instructions on the cell phone to enter the PIN provided in Step 3. After the PIN is successfully entered, the system prompts you to provide a name for the paired cell phone. This name will be used to indicate which phones are paired and connected to the vehicle. See “Listing All Paired and Connected Phones” later in this section for more information.
6. Repeat Steps 1 through 5 to pair additional phones.

Listing All Paired and Connected Phones

The system can list all cell phones paired to it. If a paired cell phone is also connected to the vehicle, the system responds with “is connected” after that phone name.

1. Press / .
2. Say “Bluetooth.”
3. Say “List.”

Deleting a Paired Phone

If the phone name you want to delete is unknown, see “Listing All Paired and Connected Phones.”

1. Press / .
2. Say “Bluetooth.”
3. Say “Delete.” The system asks for which phone to delete.
4. Say the name of the phone you want to delete.

Connecting to a Different Phone

To connect to a different cell phone, the Bluetooth system looks for the next available cell phone in the order in which all available cell phones were paired. Depending on which cell phone you want to connect to, you may have to use this command several times.

1. Press / .
2. Say “Bluetooth.”
3. Say “Change phone.”
   - If another cell phone is found, the response will be “<Phone name> is now connected.”
   - If another cell phone is not found, the original phone remains connected.

Storing and Deleting Phone Numbers

The system can store up to 30 phone numbers as name tags in the Hands-Free Directory that is shared between the Bluetooth and OnStar systems.

The following commands are used to delete and store phone numbers.

Store: This command will store a phone number, or a group of numbers as a name tag.

Digit Store: This command allows a phone number to be stored as a name tag by entering the digits one at a time.

Delete: This command is used to delete individual name tags.

Delete All Name Tags: This command deletes all stored name tags in the Hands-Free Calling Directory and the OnStar Turn-by-Turn Destinations Directory.

Using the "Store" Command

1. Press ✆ / 🎤.
2. Say "Store."
3. Say the phone number or group of numbers to store all at once with no pauses, then follow the directions given by the system to save a name tag for this number.

Using the "Digit Store" Command

If an unwanted number is recognized by the system, say "Clear" at any time to clear the last number.

To hear all of the numbers recognized by the system, say "Verify" at any time.

1. Press ✆ / 🎤.
2. Say "Digit Store."
3. One at a time, say each number to store. After each number is entered, the system repeats back the number it heard followed by a tone. After the last number has been entered, say "Store," and then follow the directions given by the system to save a name tag for this number.

Using the “Delete” Command

1. Press ✆ / 🎤.
2. Say “Delete.”
3. Say the name tag you want to delete.

Using the “Delete All Name Tags” Command

This command deletes all stored name tags in the Hands-Free Calling Directory and the OnStar Turn-by-Turn Destinations Directory.

To delete all name tags:

1. Press ✆ / 🎤.
2. Say “Delete all name tags.”

Listing Stored Numbers

The list command will list all stored numbers and name tags.

Using the “List” Command

1. Press ✆ / 🎤.
2. Say “Directory.”
3. Say “Hands-Free Calling.”
4. Say “List.”

Making a Call

Calls can be made using the following commands:

Dial or Call: The dial or call command can be used interchangeably to dial a phone number or a stored name tag.

Digit Dial: This command allows a phone number to be dialed by entering the digits one at a time.

Re-dial: This command is used to dial the last number used on the cell phone.

Using the “Dial” or “Call” Command

1. Press ✆ / 🎤.
2. Say “Dial” or “Call.”
3. Say the entire number without pausing or say the name tag.

Once connected, the person called will be heard through the audio speakers.

Using the “Digit Dial” Command

The digit dial command allows a phone number to be dialed by entering the number, one digit at a time. After each number is entered, the system repeats back the number it heard followed by a tone.

If an unwanted number is recognized by the system, say “Clear” at any time to clear the last number.

To hear all of the numbers recognized by the system, say “Verify” at any time.

1. Press ✆ / 🎤.
2. Say “Digit Dial.”
3. Say each digit, one at a time, that you want to dial. After each digit is entered, the system repeats back the digit it heard followed by a tone. After the last digit has been entered, say “Dial.”

Once connected, the person called will be heard through the audio speakers.

Using the “Re-dial” Command

1. Press ✆ / 🎤.
2. After the tone, say “Re-dial.”

Once connected, the person called will be heard through the audio speakers.

Receiving a Call

When an incoming call is received, the audio system mutes and a ring tone is heard in the vehicle.

- Press ✆ / 🎤 to answer the call.
- Press ⊘ / ☁ to ignore the call.

Call Waiting

Call waiting must be supported on the cell phone and enabled by the wireless service carrier.

- Press ✆ / 🎤 to answer an incoming call when another call is active. The original call is placed on hold.
- Press ✆ / 🎤 again to return to the original call.
- To ignore the incoming call, no action is required.
- Press ⊘ / ☁ to disconnect the current call and switch to the call on hold.

Three-Way Calling

Three-way calling must be supported on the cell phone and enabled by the wireless service carrier.

1. While on a call, press ✆ / 🎤.
2. Say “Three-way call.”
3. Use the dial or call command to dial the number of the third party to be called.
4. Once the call is connected, press ✆ / 🎤 to link all callers together.

Ending a Call

Press ⊘ / ☁ to end a call.

Muting a Call

During a call, all sounds from inside the vehicle can be muted so that the person on the other end of the call cannot hear them.

To mute a call, press ✆ / 🎤, and then say “Mute Call.”

To cancel mute, press ✆ / 🎤, and then say “Un-mute Call.”

Transferring a Call

Audio can be transferred between the Bluetooth system and the cell phone.

The cell phone must be paired and connected with the Bluetooth system before a call can be transferred. The connection process can take up to two minutes after the vehicle is started.

Transferring Audio from the Bluetooth System to a Cell Phone

During a call with the audio in the vehicle:

1. Press ✆ / 🎤.
2. Say “Transfer Call.”

Transferring Audio to the Bluetooth System from a Cell Phone

During a call with the audio on the cell phone, press ✆ / 🎤. The audio transfers to the vehicle. If the audio does not transfer to the vehicle, use the audio transfer feature on the cell phone. See your cell phone manufacturer's user guide for more information.

Voice Pass-Thru

Voice pass-thru allows access to the voice recognition commands on the cell phone. See your cell phone manufacturer's user guide to see if the cell phone supports this feature.

To access contacts stored in the cell phone:

1. Press ✆ / 🎤.
2. Say “Bluetooth.” The system responds “Bluetooth ready,” followed by a tone.
3. Say “Voice.” The system responds “OK, accessing <phone name>.”

   The cell phone's normal prompt messages will go through their cycle according to the phone's operating instructions.

Dual Tone Multi-Frequency (DTMF) Tones

The Bluetooth system can send numbers and numbers stored as name tags during a call. Use this feature when calling a menu-driven phone system. Account numbers can also be stored for use.

Sending a Number or Name Tag During a Call

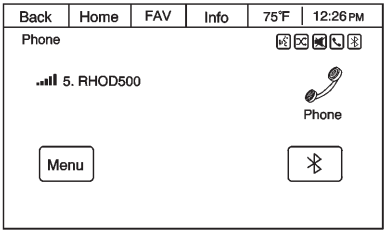
1. Press ✆ / 🎤. The system responds “Ready,” followed by a tone.
2. Say “Dial.”
3. Say the number or name tag to send.

Clearing the System

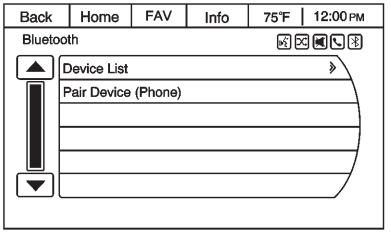
Unless information is deleted out of the in-vehicle Bluetooth system, it will be retained indefinitely. This includes all saved name tags in the phone book and phone pairing information. For information on how to delete this information, see the previous sections on “Deleting a Paired Phone” and “Storing and Deleting Phone Numbers.”

Pairing a Phone Using the Infotainment System

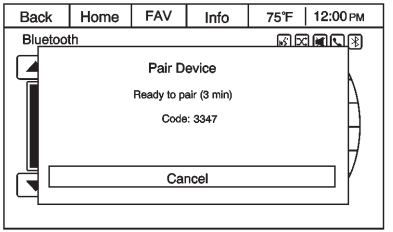
The pairing process can be started by using the controls on the infotainment system.



1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the ᛒ screen button to display more options.



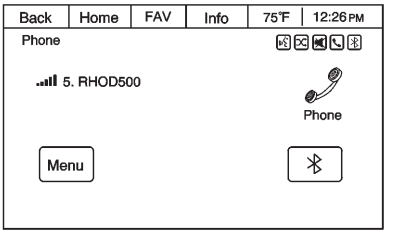
3. Select the Pair Device (Phone) screen button. The pairing process will begin searching for Bluetooth devices on the cell phone. See the cell phone manufacturer's user guide for information on this process.



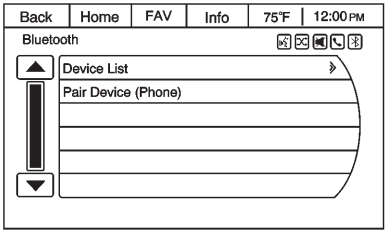
On the cell phone, locate the device named “General Motors” or “Your Vehicle.” Follow the instructions given on the cell phone, or follow the voice prompts to enter the four-digit Personal Identification Number (PIN) that has been provided.

4. The system voice prompt requests a name for the phone being paired. Use a name that best describes the phone. The system voice prompt then repeats the name you provided for confirmation; say “Yes.”
5. The system responds with “phone name has been successfully paired” after the pairing process is complete.

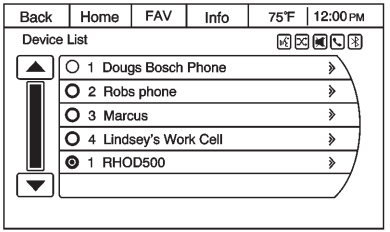
Listing All Paired and Connected Phones



1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the ᛒ screen button to display more options.

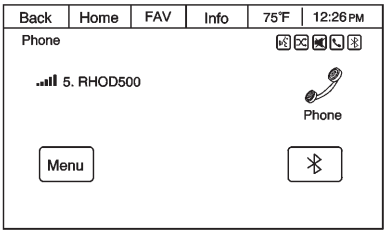


3. Turn the MENU knob until Device List displays. Press the MENU knob or press the Device List screen button to display other options.

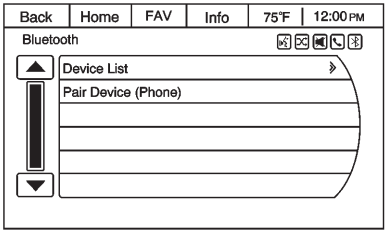


A list of all previously paired phones will be displayed. If there is a currently connected phone, it will be marked on the screen.

Deleting a Paired Phone



1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the ᛒ screen button to display more options.



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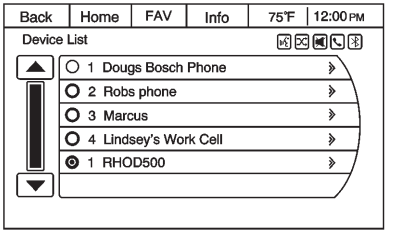
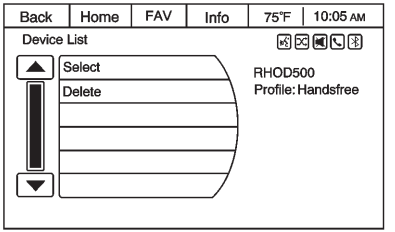


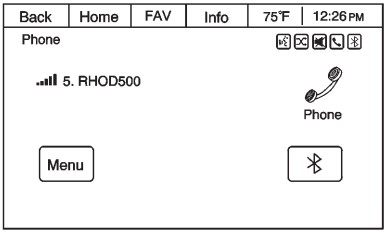
4. Turn the MENU knob, then press it to select the phone to be deleted. Follow the on-screen prompts to delete the device from the system.



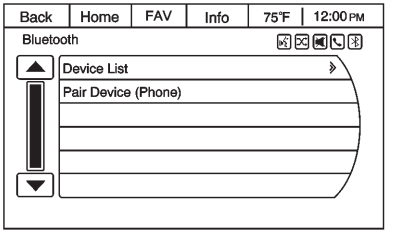
5. Once a phone has been deleted, the only way to connect back to that phone is to pair the phone again.

Linking to a Different Phone

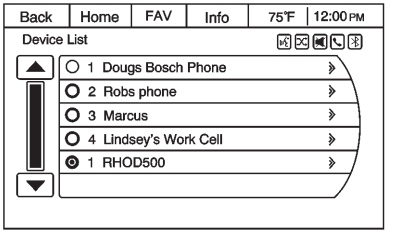
To link to a different phone, the new phone must be in the vehicle and available to be connected to the Bluetooth system before the process is started.



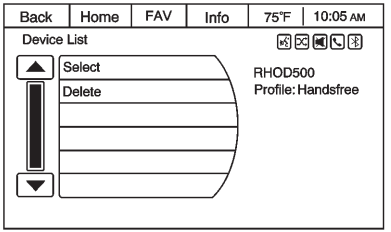
1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the ᛒ screen button to display more options.



3. Turn the MENU knob until Device List displays. Press the MENU knob or press the Device List screen button to display other options.



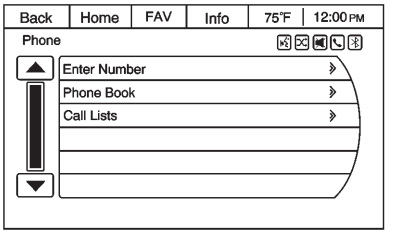
4. Select the phone to be linked and then follow the on-screen prompts.



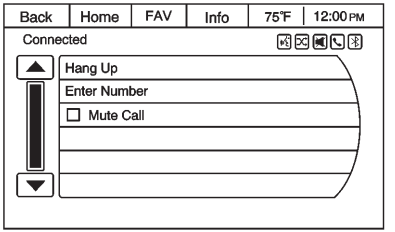
5. The Device List screen will be displayed with the name of the phone linked.

Making a Call

1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.



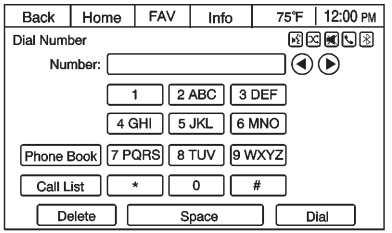
2. Press the Menu button on the screen to access the Phone Menu.



Enter Number

Use this option to enter a phone number and make a call.

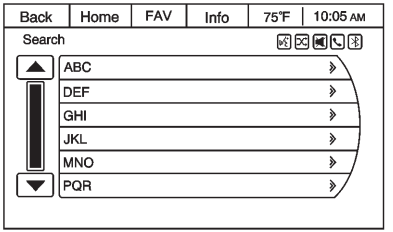
1. Turn the MENU knob, then press it to select Enter Number. A dial pad displays.



2. Enter the phone number by pressing the numbers on the keypad.
3. Press the Dial screen button to make the call.

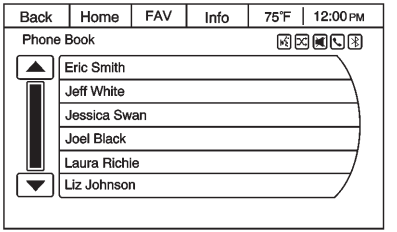
Phone Book

The Phone Book feature is only supported if that feature is available on the Bluetooth phone. See your cell phone manufacturer's user guide for more information.



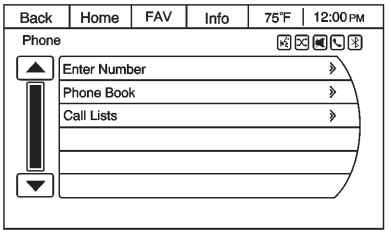
The phone book can be accessed by pressing the Phone Book selection on the Phone Menu screen.

1. Turn the MENU knob to select the letter group associated with the person or place to call.
2. Press the MENU knob to select the letter group.

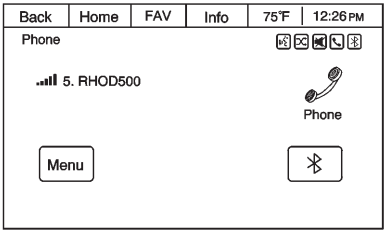


3. Select the person or place to call.
4. Press the MENU knob or number on the screen to make the call.

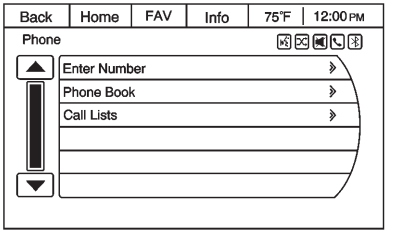
Call Lists



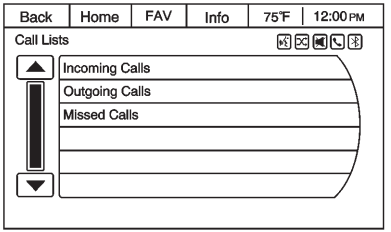
The Call Lists selection from the Phone Menu screen can be used to show a list of incoming calls, outgoing calls, and missed calls.



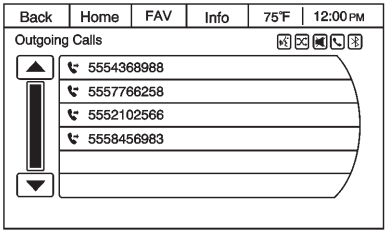
1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the Menu screen button.



3. Select the Call Lists screen button.



4. Turn the MENU knob, or press to select either Incoming Calls, Outgoing Calls, or Missed Calls.



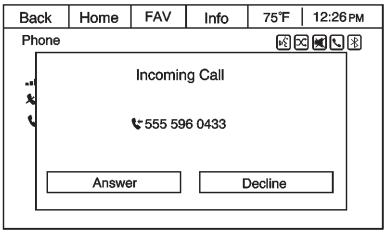
Once one of these options has been selected, a menu displays. A list of persons and places will display for the selected option.

Turn the MENU knob, then press this knob or press the appropriate screen button to select someone on that list. A menu displays showing the phone number for that person.

Accepting or Declining an Incoming Call

When an incoming call is received, the audio is muted and a ring tone sounds.

Accepting a Call



Press the Answer option on the screen to answer the call.

Declining a Call

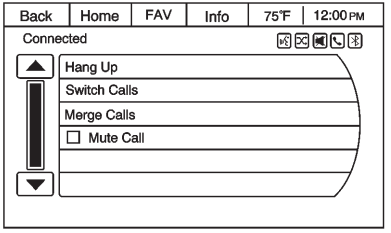
Select the Decline option on the screen.

Call Waiting

Call waiting must be supported on the Bluetooth phone and enabled by the wireless service carrier to work.

Switching Calls (Only Available with Call Waiting)

This feature allows switching between calls, making one call active and placing the other on hold.



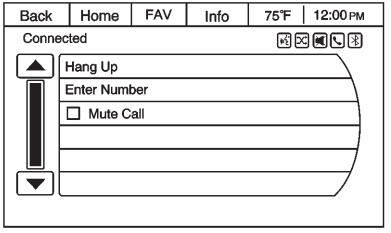
1. Press the Phone Menu button on the screen to access the Phone Menu.
2. Turn or press the MENU knob to Switch Calls and press Enter or press the Switch Calls option.

Conference Calling

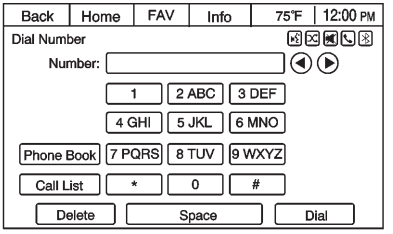
Conference and three-way calling must be supported on the Bluetooth phone and enabled by the wireless service carrier to work.

To start a conference while in a current call:

1. Press the Phone screen button on the Home Page until the Phone main screen is shown with the current active call.
2. Press the Phone Menu button.



3. Press Enter Number on the screen.

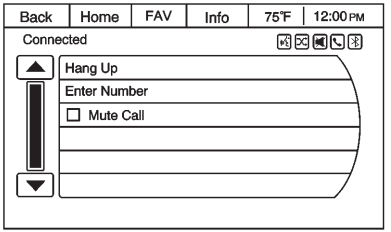


4. Make another call. The first call will be placed on hold while the second call is dialing and connected.
5. To make a conference call, select the Merge Calls screen button in the Phone Menu and both calls merge into one conference call.
6. To add more callers to the conference call, repeat Steps 3 through 5. The number of callers that can be added is limited by your wireless service carrier.

Ending a Call

To end a call:

1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the Phone screen button to access the Phone Menu.



3. Press the Hang Up screen button to end the call.

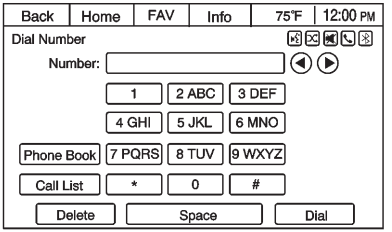
Mute or UnMute a Call

1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the Phone screen button to access the Phone Menu.
3. Press the Mute Call screen button.
4. Press Mute Call again to unmute the call.

Dual Tone Multi-Frequency (DTMF) Tones

The in-vehicle Bluetooth system can send numbers during a call. This is used when calling a menu-driven phone system.

1. Press the Phone screen button on the Home Page or faceplate to display the Phone screen.
2. Press the Phone screen button to access the Phone Menu.



3. Turn the MENU knob, then press this knob or press the Enter Number option and enter the number sequence.

The DTMF Tones will be generated on the network as you enter each number.

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CONTRACTOR (MANUFACTURER/ SUPPLIER)

ADDRESS:

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