

2016



CUE

Infotainment System



GENERAL MOTORS
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23191795_US



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Introduction



The names, logos, emblems, slogans, and vehicle body designs appearing in this manual including, but not limited to, GM, the GM logo, CADILLAC, the CADILLAC Emblem, and CADILLAC CUE are registered trademarks of General Motors LLC., its subsidiaries, affiliates, or licensors.

This manual describes features that may or may not be on the vehicle because of optional equipment that was not purchased on the vehicle, model variants, country specifications, features/applications that may not be available in your region, or changes subsequent to the printing of this manual.

Litho in U.S.A.
Part No. 23191795_US

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.

Overview

Read the following pages to become familiar with the infotainment system features.

Warning

Taking your eyes off the road for too long or too often while using any infotainment feature can cause a crash. You or others could be injured or killed. Do not give extended attention to infotainment tasks while driving. Limit your glances at the vehicle displays and focus your attention on driving.

The infotainment system has built-in features intended to help avoid distraction by disabling some functions when driving. These functions may gray out when they are unavailable. Many infotainment features are also available through the instrument cluster and steering wheel controls.

Before driving :

- Become familiar with the operation, faceplate buttons, and screen buttons.
- Set up the audio by presetting favorite stations, setting the tone, and adjusting the speakers.
- Set up phone numbers in advance so they can be called easily by pressing a single button.

See “Defensive Driving” in the owner manual.

To play the infotainment system with the ignition off, see “Retained Accessory Power (RAP)” in the owner manual.

Customer Assistance

Assistance may be available to help with Bluetooth pairing, other mobile device interface, and operation support of the CUE infotainment system. See your dealer.

Infotainment System

The infotainment system is controlled by using the touchscreen, the buttons below the touchscreen, and steering wheel controls.



1. (Power and Mute)
2. VOLUME
3. (Home Page)

Power (On/Off/Mute)

- When off, press (1) to turn the system on. Press and hold to turn off.
- When on, press to mute the system. Press again to unmute the system.

Retained Accessory Power (RAP)

The vehicle has RAP. When in RAP the audio system can be played even after the ignition is turned off. See “Retained Accessory Power (RAP)” in the owner manual.

Volume

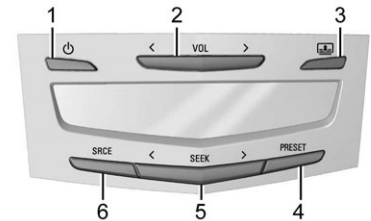
The black area above the chrome bar (2) is used to increase or decrease the volume. There are three ways to adjust the volume :

- Slide a finger.
- Press.

- Press and hold.

Rear Seat Armrest Control Panel

If equipped, there is a control panel in the center of the rear seatback. See “Armrest Storage” in the owner manual.



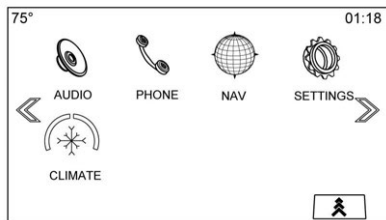
1. (Power) : Press to turn the power on or off the sourced audio or media playback and sunshade switch (if equipped).
2. (Volume) : Press the left or right arrow to adjust the volume of current playback.
3. (If Equipped): Press and release the switch to control the rear

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window sunshade. See “Rear Window Sunshade” in the owner manual.

- PRESET : Press to go to a saved favorite.
- < SEEK > : Press the left or right arrow to go to the previous or next station on the radio or track on a media source.
- SRCE (Source) : Press to change the source of playback.

Home Page



The Home Page is where application icons are accessed. Some features are disabled when the vehicle is moving.

The Home Page can be set up to have up to five pages with eight icons per page.

Touch the left << or right >> or slide a finger left/right across the screen to access the pages of icons.

>> **(Next)** : Touch to go to the next Home Page.

<< **(Previous)** : Touch to go to the previous Home Page.

▲ **(Interaction Selector)** : Touch to display the favorites list.

Touch and hold a location within the favorites area to begin the process of saving a favorite application.

Touch the application icon to store as a favorite, and the name of the application will be shown in favorites.

Managing Home Page Icons

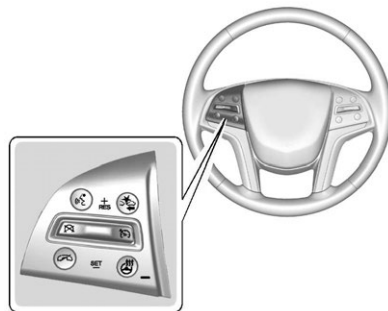
- Touch and hold any of the Home Page icons to edit that icon.
- Drag the icon to a new location on the Home Page or to save it to the applications tray.

- Press  to exit edit mode.


Steering Wheel Controls

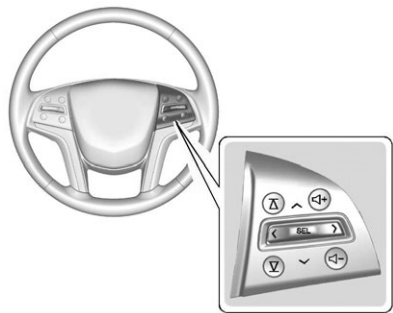
The infotainment steering wheel controls can be used to control the infotainment features displayed in the instrument cluster.

When in Valet Mode (if equipped), access to the infotainment functions is disabled. See *Settings* ⇨ 78.



 **(Press to Talk)** : Press to answer an incoming Bluetooth call.

 **(End Call)** : Press to decline an incoming call, or end a current call. Press to mute or unmute the infotainment system when not on a call.



< or > (Left or Right Control Arrows) : Press the five-way control to the left or right to go to the previous or next area in the display or to the previous or next menu.

^ or v (Up or Down Control Arrows) : Press the five-way control up or down to go up or down in a list or page.

SEL : Press to select a highlighted menu item.

Δ or ∇ (Next or Previous Favorite) : Press to go to the next or previous favorite when listening to the radio. Press to go to the next or previous track when listening to a media source.

◀ + or ▶ - (Volume) : Press to increase or decrease the volume.

Using the System

Audio

Touch the AUDIO icon to display the active audio source page. Available sources are AM, FM, CD (if equipped), My Media, USB, SD, Bluetooth, and AUX Input.

Phone

Touch the PHONE icon to display the Phone main page. See *Bluetooth (Overview)* ⇨ 72 or *Bluetooth (Infotainment Controls)* ⇨ 73.

NAV (Navigation, If Equipped)

Touch the NAV icon to display the navigation map. See *Using the Navigation System* ⇨ 53.

Settings

Touch the SETTINGS icon to display the Settings menu. See *Settings* ⇨ 78.

Energy (If Equipped)

Touch the ENERGY leaf icon to display energy flow on the hybrid vehicle. See the owner manual.

Climate

Touch the CLIMATE icon to display the Climate main page. See “Dual Automatic Climate Control System” in the owner manual.

Rear Climate (If Equipped)

Touch the R. CLIMATE icon to display the Rear Climate main page. See “Rear Climate Control System” in the owner manual.

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Video (If Equipped)

Touch the VIDEO icon to display the video Rear Seat Entertainment main page. See *Rear Seat Entertainment (RSE) System* ⇨ 23 or *Rear Seat Entertainment (RSE) System (Platinum)* ⇨ 40.

Applications Tray



The applications tray is at the top center of the screen. The applications tray can have three to five applications.

To add an application from the Home Page to the applications tray :

1. Touch and hold any icon on the Home Page to enter edit mode.
2. Drag the icon to the applications tray.

To remove an item from the applications tray, drag the icon from the applications tray back to the Home Page.

Adding or removing applications from the applications tray will not remove them from the Home Page.

Touchscreen Buttons

Touchscreen buttons show on the screen when available. When a function is unavailable, the button may gray out. When a function is selected, the button may highlight.

Proximity Sensing

The infotainment system uses proximity sensing. When enabled, certain screen buttons and features will become visible when a hand approaches the screen. When the hand is removed, these features fade. Proximity sensing can be disabled in the Settings applications in the Display menu options.

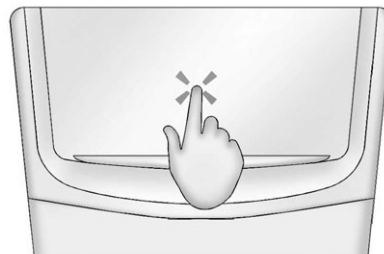
Haptic Feedback

Haptic feedback is a pulse that occurs when a button is touched on the screen or when buttons below the screen are touched.

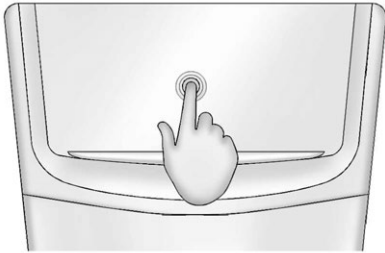
Infotainment Gestures

Use the following finger gestures to control the infotainment system.

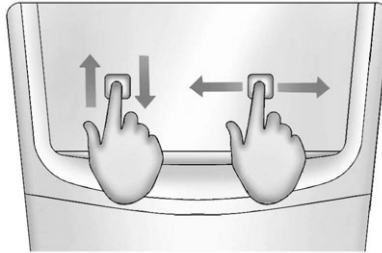
Touch/Tap



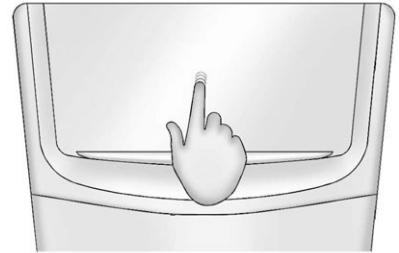
Touch/tap is used to select a button or option, activate an application, or change the location inside a map.

Touch and Hold

Touch and hold can be used to start another gesture, move, or delete an application.

Drag

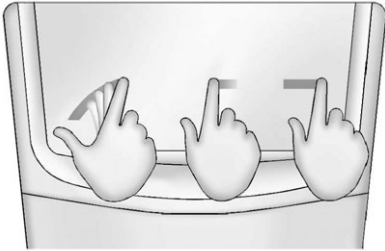
Drag is used to move applications on the Home Page, or to pan the map. To drag the item, it must be held and moved along the screen to the new location. This can be done up, down, right, or left.

Nudge

Nudge is used to move items a short distance on a list or a map. To nudge, hold and move the selected item up or down to a new location.

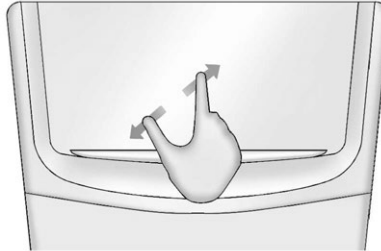
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Fling or Swipe



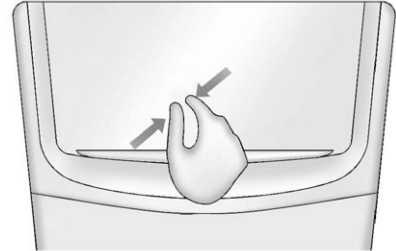
Fling or swipe is used to scroll through a list, pan the map, or change page views. Do this by placing a finger on the screen then moving it rapidly up and down or right and left.

Spread



Spread is used to zoom in on a map, certain images, or a web page. Place finger and thumb together on the screen, then move them apart.

Pinch



Pinch is used to zoom out on a map, certain images, or a web page. Place finger and thumb apart on the screen, then move them together.

Cleaning High Gloss Surfaces and Vehicle Information and Radio Displays

For vehicles with high gloss surfaces or vehicle displays, use a microfiber cloth to wipe surfaces. Before wiping the surface with the microfiber cloth, use a soft bristle brush to remove dirt that could scratch the surface. Then use the microfiber cloth by gently rubbing to clean. Never use window cleaners or solvents. Periodically hand wash the microfiber cloth separately, using mild soap. Do not use bleach or fabric softener. Rinse thoroughly and air dry before next use.

Software Updates

Contact your dealer for website software updates information.

Radio

AM-FM Radio

Playing the Radio

While on the audio main page the available sources are : AM, FM, CD, My Media, USB, SD, Bluetooth, and AUX Input.

- Touch the RADIO screen button to scroll through AM or FM.
- Touch the MEDIA screen button to scroll through CD (if equipped), My Media, USB, SD, Bluetooth, and Aux Input.

Infotainment System Settings

Touch the RADIO screen button to access broadcast sources.

Touch the MENU screen button to display the following menus :

Tone Settings:

- Bass, Midrange, Treble, Surround (if equipped): Touch + or - to adjust. Surround adjusts the headrest speaker volume only.

- Balance: Touch < or > for more sound from the left or right speakers. The middle position balances the sound between the left and right speakers.
- Fade: Touch ^ or v for more sound from the front or rear speakers. The middle position balances the sound between the front and rear speakers.

Timeshift (If Equipped) : Timeshift is the recording of a radio station for up to 25 minutes. See “Timeshifting” later in this section.

DSP Modes (If Equipped) :

- Bose® Studio Surround® and Bose Centerpoint® Surround sound system has four DSP modes :
 - Normal : Adjusts the audio to provide the best sound for all seating positions.
 - Driver : Adjusts the audio to provide the best sound for the driver.

- Rear : Adjusts the audio to provide the best sound for the rear seat occupants.
- Centerpoint : Turns on Bose Centerpoint Surround technology. This setting creates a surround sound listening experience from nearly any audio source; existing stereo, CD collection, satellite radio, and MP3 players. For more information on Bose Centerpoint Surround technology, see www.bose.com/centerpoint.

Auto Volume (If Equipped) : This feature adjusts the volume based on vehicle speed. The options are off, low, medium - low, medium, medium - high, or high. Touch ⏪ Back to go back to the previous menu.

Bose AudioPilot noise compensation technology (If Equipped) : This feature adjusts the volume based on the noise in the vehicle and speed. When turned ON, AudioPilot technology detects ambient noise and vehicle speed to


continuously adjust many aspects of the audio signal so that music will sound the same at a set volume level.

The options are ON and OFF.

This feature is most effective at lower radio volume settings where background noise can affect how well the music is being played through the vehicle's audio system. At higher volume settings, where the music is much louder than the background noise, there may be little or no adjustments by AudioPilot.

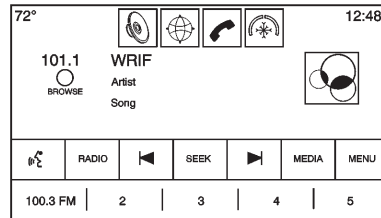
For more information on Bose AudioPilot noise compensation technology, see www.bose.com/audiopilot.

EQ (Equalizer) : If equipped with a Bose Sound System, the EQ settings are selected through the tone settings menu. Touch the left or right arrows to cycle through the EQ options. The available choices are Custom and Talk.

Update Station List : For AM and FM only, touch to update the station list. Touch  to go back to the previous menu.

Finding a Station



Seeking a Station



Touch  or  to search for the previous or next strongest station.

Direct Tune (If Equipped)

Touch the TUNE screen button to switch to Direct Tune for manually searching for a station.

If not equipped with Direct Tune, touch the SEEK screen button to switch to TUNE. Touch again to change back. Touch  or  to manually search for a station.

Storing Radio Station Presets

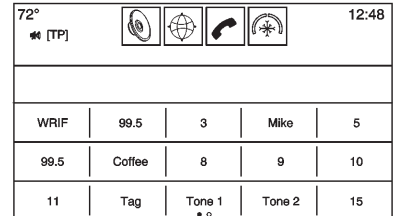
Favorites are stored in the area at the bottom of the screen.

Up to 60 preset stations can be stored under the following :

AM and FM : Touch and hold a favorite button to save the current station as a favorite. Touch a favorite button to recall a favorite station.


Mixed-Audio Favorites

Favorites that can be stored include radio stations, navigation, applications, contacts, tone settings, artists, songs, albums, podcasts, etc.



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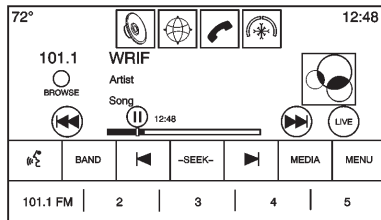
To scroll through the favorites :

- Drag up along the top of the favorites. To close the favorites, drag them down.
- Slide a finger to the right or left to scroll through each page of favorites. A  indicates which page is being viewed.



Tone Settings : While viewing the tone settings and lifting up the favorite buttons, touch and hold to store a tone setting. Touch a screen button in the favorite area to recall a favorite tone setting.

The number of favorites displayed is automatically adjusted by default, but can be manually adjusted in the Settings menu under Radio and then Manage Favorites.

Timeshifting (If Equipped)



The audio system can record live radio for up to 25 minutes. When tuned to a station, the system automatically begins recording the audio along with the associated metadata. Timeshift must be turned on in the menu before recording can take place.

Touch  to pause playback of the audio and to initiate timeshift mode. Touch  to resume playback of the live audio.



When timeshifting begins, a time is indicated on the right of the play/pause indicator. This time initially indicates the time of day at which playback is paused. This time

continues to show as long as the system is in a paused mode and the buffer continues to fill.

Buffer Reset

The buffer will reset anytime the broadcast band or stations/channels are changed. Changing to a media source while in pause mode will not reset the buffer.

Rewinding or Fast Forwarding a Timeshifted Broadcast

- Touch and hold the  indicator to reverse playback at a rate of 15 times the rate of normal playback.
- Touch and hold the  indicator to advance playback at a rate of 15 times the rate of normal playback. The timeshift buffer can be advanced up to the end of the timeshift buffer and return to live mode.

Returning to Live Broadcast

If listening to timeshifted radio, touch the LIVE button to return to live radio.

Timeshifting and Station/Channel Lists

If browsing a station/channel list is started while listening to the timeshift content, the list content is shown in live time, not buffered time.

Skipping Back in a Broadcast

For programs with metadata, touching the previous button less than five seconds into a program will make the system skip to the beginning of the previous program. If more than five seconds into the current song/program, the system starts at the beginning of the current program. If no metadata is available, the system skips back 25 seconds.

Reaching the End of the Buffer

If the audio is paused and the 30 minute buffer is reached, the buffer continues recording the latest content and will erase the oldest content. When playback is started, the content played will be the last 30 minutes in the buffer.

Radio Reception

Unplug electronic devices from the accessory power outlets if there is interference or static in the radio.

FM

FM signals only reach about 16 to 65 km (10 to 40 mi). Although the radio has a built-in electronic circuit that automatically works to reduce interference, some static can occur, especially around tall buildings or hills, causing the sound to fade in and out.

AM

The range for most AM stations is greater than for FM, especially at night. The longer range can cause station frequencies to interfere with each other. Static can also occur when things like storms and power lines interfere with radio reception. When this happens, try reducing the treble on the radio.

Mobile Phone Usage

Mobile phone usage, such as making or receiving phone calls, charging, or just having the phone on may cause static interference in the radio. Unplug the phone or turn it off if this happens.

Backglass Antenna

The AM-FM antenna is integrated with the rear window defogger in the rear window. Do not scratch the inside surface or damage the lines in the glass. If the inside surface is damaged, it could interfere with radio reception. For proper radio reception, the antenna connector needs to be properly attached to the post on the glass.

If attaching a cell phone antenna to the glass, attach it between the grid lines.

Caution

Using a razor blade or sharp object to clear the inside rear window can damage the rear window antenna and/or the rear window defogger. Repairs would not be covered by the vehicle warranty. Do not clear the inside rear window with sharp objects.

Caution

Do not apply aftermarket glass tinting with metallic film. The metallic film in some tinting materials will interfere with or distort the incoming radio reception. Any damage caused to the backglass antenna due to metallic tinting materials will not be covered by the vehicle warranty.

Multi-Band Antenna

The roof antenna is for the GPS (Global Positioning System). Keep clear of obstructions for clear reception. If the vehicle has a sunroof, and it is open, reception can also be affected.

Audio Players

CD Player

If equipped, the player can be used for CD and MP3 audio.

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 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.

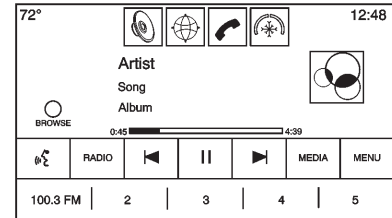
Loading and Ejecting Discs

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.

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 MP3 or CD



Touch the MEDIA screen button until CD Audio icon Now Playing view is selected.

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

Use the following controls to play the disc :

 **(Previous/Fast Reverse) :**

- Touch to seek to the beginning of the current or previous track. If the track has been playing for less than 10 seconds, it seeks to the previous track. If longer than five seconds, the current track starts from the beginning.

- Touch and hold to fast reverse through a track. Release the button to return to playing speed. Elapsed time displays.

▶ (Next/Fast Forward) :

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

When a Blu-ray® or DVD disc, if equipped, is loaded and the CD button is touched, a message displays, Go to video application to play DVD/BD.

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 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 Disc Player Error displays, it could be for one of the following reasons :

- The player temperature is too high.
- There are load or eject errors.

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

If any error continues, contact your dealer.

CD Menu

Touch the MENU button while that source is active to access the menu.

Touch any of the following buttons on the MP3 Menu :

Shuffle : Touch to play the tracks randomly. Touch again to stop shuffle.

Auto Volume : If equipped, this feature adjusts the volume based on the speed of the vehicle. See *AM-FM Radio* ⇨ 10.

Tone Settings : Touch + or – to adjust Bass, Midrange, Treble, or Surround. See *AM-FM Radio* ⇨ 10.

MP3 Guidelines

- 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.
- Recorded on a CD-R or CD-RW.

MP3 Folder Information

Touch anywhere between the top applications tray or the bottom menu to display the browse screen.

Root Directory : To access, touch the screen anywhere in the center area of the screen. The root directory is treated as a folder. All

files contained directly under the root directory are accessed prior to any root directory folders.

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.

USB Port

Audio from videos stored on SD/USB cards may be listened to while the vehicle is in a forward gear. Videos can be watched while the vehicle is in P (Park). Use play/pause or next/previous to control the video or touch in the browse to display a list of the current video filters.

This vehicle may have two SD card readers and three USB ports: one SD card reader and one USB port in

the center console, one USB port in the storage behind the climate control system, and if equipped with Rear Seat Entertainment (RSE), there may be one SD card reader and one USB port in the rear media console storage area.

Playing from a USB

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

Audio extensions supported by the USB are :

- MP3
- WMA
- AAC
- OGG
- AIFF
- 3GPP

My Media Library

The infotainment system allows access to content from all of the connected devices. Touch the MEDIA screen button to scroll through the options until My Media

is selected. Touch anywhere in the center area of the screen to browse the content.

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).

To play a USB device :

1. Connect the USB.
2. Touch MEDIA until the connected device is shown.

Use the following when playing an active USB source:

▶ (Play) : Touch to play the current media source.

|| (Pause) : Touch to pause play of the current media source.

◀ (Previous/Reverse) :

- Touch to seek to the beginning of the current or previous track. If the track has been playing for less than 10 seconds, the previous track plays. If playing longer than five seconds, the current track restarts.

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- Touch and hold to reverse quickly through playback. Release to return to playing speed. Elapsed time displays.

▶ (Next/Fast Forward) :

- Touch to seek to the next track.
- Touch and hold to advance quickly through playback. Release to return to playing speed. Elapsed time displays.

USB Menu

Touch Menu to display the USB menu. The following may be available :

Shuffle : Touch to play the tracks randomly. Touch again to stop shuffle.

Bose AudioPilot (If Equipped) : Touch to turn Bose AudioPilot on or off. AudioPilot is an On/Off selection on the list entry from the Main menu. See *AM-FM Radio* ⇨ 10.

Tone Settings : Touch + or – to adjust Bass, Midrange, Treble, or Surround. See *AM-FM Radio* ⇨ 10.

USB Browse Menu

Touch the browse screen button to view the browse menu and the following options are displayed along the bottom of the screen :

Playlists :

Supported Playlist extensions are: m3u, pls, wpl, asx, b4s, and xspf.

1. Touch to view the playlists stored on the USB.
2. Select a playlist to view the list of all songs in that playlist.
3. Select a song from the list to begin playback.

Artists :

1. Touch to view the list of artists stored on the USB.
2. Select an artist name to view a list of all albums by the artist.
3. To select a song, touch All Songs or touch an album and then select a song from the list.

Albums :

1. Touch to view the albums on the USB.
2. Select the album to view a list of all songs on the album.
3. Select a song from the list to begin playback.

Songs :

1. Touch to display a list of all songs on the USB.
2. To begin playback, select a song from the list.

Genres :

1. Touch to view the genres on the USB.
2. Select a genre to view a list of artists.
3. Select an artist to view albums by that artist.
4. Select an album to view songs on the album
5. Select a song to start playback.

Podcasts, Composers, Audiobooks, Videos, and Folder View are shown when More is selected from the bottom of the screen.

Podcasts :

1. Touch to view the podcasts on the USB.
2. Select podcast to get a list of podcast episodes.

Composers :

1. Touch to view the composers on the USB.
2. Select Composer to view a list of albums by that composer. Select an album or all songs to view a list of songs.
3. Select a song from the list to begin playback.

Audiobooks :

1. Touch to view the audiobooks stored on the iPod. Select an audiobook to get a list of chapters.
2. Select the chapter from the list to begin playback.

Videos :

1. Touch and hold a screen button to store the current video as a favorite.
2. Touch a screen button in the favorite area to recall a favorite video; the first episode in the video begins to play. Not all formats are supported.

Folder View :

1. Touch to view the directories on the USB/SD card.
2. Select a folder to view a list of all files.
3. Select a file from the list to begin playback.

File System and Naming

File systems supported by the USB are :

- FAT32
- NTFS
- HFS+

The songs, artists, albums, and genres are taken from the file's song information and are only

displayed if present. The radio displays the file name as the track name if the song information is not available.

Supported Apple® Devices

This feature supports the following devices :

- iPod touch® (5th generation)
- iPod touch (4th generation)
- iPod touch (3rd generation)
- iPod touch (2nd generation)
- iPod touch (1st generation)
- iPod nano® (7th generation)
- iPod nano (6th generation)
- iPod nano (5th generation)
- iPod nano (4th generation)
- iPod nano (3rd generation)
- iPod® with video
- iPhone® 6
- iPhone 6 Plus
- iPhone 5C
- iPhone 5S
- iPhone 4S

- iPhone 4G
- iPhone 3GS
- iPhone 3G
- iPhone
- iPad®

Loss of Audio

If a phone currently paired over Bluetooth is plugged in with a USB cable, the system will automatically mute the phone audio. Playback can be resumed by changing the audio source from Bluetooth to USB cable.

Source USB from the Audio MEDIA screen button to resume playback.

Bluetooth Streaming Audio

See *Bluetooth Audio* ⇨ 21 for information on Bluetooth streaming audio.

Make sure all devices have the latest software downloaded.

Storing and Recalling Media Favorites

To store media favorites, touch and hold an open favorite during media playback to display a list of media types. Select from this list.

The media types that may display are :

Genres : Touch to store the current genre as a favorite. Touch a screen button in the favorite area to recall a favorite genre. The first song of the genre begins to play.

Artists : Touch to store the current artist as a favorite. Touch a screen button in the favorite area to recall a favorite artist. The first song in the artist list begins to play.

Albums : Touch to store the current album as a favorite. Touch a screen button in the favorite area to recall a favorite album. The first song in the album list begins to play.

Playlists : Touch to store the current playlist as a favorite. Touch a screen button in the favorite area to recall a favorite playlist. The first song in the playlist begins to play.

Songs : Touch to store the current song as a favorite. Touch a screen button in the favorite area to recall a favorite song.

Podcasts or Podcast Episode : Touch and hold a screen button to store the current podcast as a favorite. Touch a screen button in the favorite area to recall a favorite podcast or podcast episode. The podcast or podcast episode begins to play.

Audiobooks : Touch and hold a screen button to save the current audiobook as a favorite. Touch a screen button in the favorite area to recall a favorite audiobook; the first chapter in the audiobook begins to play.

Videos : Touch and hold a screen button to store the current video as a favorite. Touch a screen button in the favorite area to recall a favorite video; the first episode in the video begins to play. Not all formats are supported.

SD Card Reader

If equipped, this vehicle may have two SD card readers : one in the center console and one in the rear media console storage area, if equipped with Rear Seat Entertainment (RSE).

The SD card reader is for audio and video playback and uses the same controls as the USB port. Playback from an SD card follows the same file formats and restrictions defined under *USB Port* ⇨ 17. Not all formats are supported.

Set up the SD card while the vehicle is in P (Park). See “Audio” under *Introduction* ⇨ 2.

Place the card into the port.

If an SD card has already been connected, but a different source is currently active, touch the MEDIA screen button to scroll through the audio source screens until SD card displays.

Auxiliary Jack

This vehicle has an auxiliary input jack in the center console under the armrest and in the rear media console, if equipped with Rear Seat Entertainment (RSE). Possible auxiliary audio sources include :

- Laptop computer
- Audio music player

This jack is not an audio output. Do not plug headphones into the auxiliary input jack. Set up an 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 can play audio from the device over the vehicle speakers.

If an auxiliary device has already been connected, but a different source is currently active, touch the MEDIA screen button to scroll through audio source screens, until the AUX Input source screen displays.

Bluetooth Audio

If equipped, music may be played from a paired Bluetooth device. See *Bluetooth (Overview)* ⇨ 72 or *Bluetooth (Infotainment Controls)* ⇨ 73 for help pairing a device.

Volume and song selection may be controlled by using the infotainment controls or on the phone/device. If Bluetooth Audio is selected and no volume is present, check the volume setting on both your phone/device and the infotainment system.

Music can be launched by touching the MEDIA screen button on the Home Page.

To play music via Bluetooth :

1. Power on the device, and pair to connect the device.
2. Once paired, go into the audio application from the Home Page or via the applications tray. Select MEDIA until Bluetooth displays.


Bluetooth Audio Menu

Touch the MENU screen button to display the Bluetooth Audio menu. The following may be available :

Bose AudioPilot (If Equipped) :

Touch to turn the Bose AudioPilot on or off. The AudioPilot technology is an On/Off selection on the list entry from the main menu. See *AM-FM Radio* ⇨ 10.


Tone Settings : Touch + or – to adjust Bass, Midrange, Treble, or Surround. See *AM-FM Radio* ⇨ 10.

Touch  Back to go back to the previous menu.

Manage Bluetooth Devices :

Touch to go to the Bluetooth page to add or delete devices or pair.

When selecting Bluetooth audio, the radio may not be able to launch the audio player on the connected device to start playing. When the vehicle is not moving, use the phone to begin playback.

All devices launch audio differently. When selecting Bluetooth audio as a source, the radio may show as paused on the screen. Press play on the device or touch  on screen to begin playback.

Some phones support sending Bluetooth music information to display on the radio. When the radio receives this information, it will check to see if any is available and display it. For more information about supported Bluetooth features, see www.gm.com/bluetooth.

Rear Seat Infotainment

Rear Seat Entertainment (RSE) System

If equipped, the system includes a Blu-ray/DVD/CD player, USB, SD, audio/video jacks, wireless headphones, and a remote control.

The remote control is used to select the same or a different source for each screen from the rear seats.

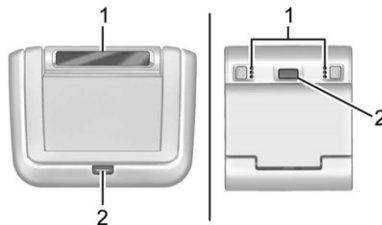
Video can be viewed from the front by pressing the Video screen icon, if the vehicle is in P (Park). Audio will be heard over the speakers. If another screen icon is selected, the video on the rear screen will continue to play but the audio on the speakers will change to the source selected.

To resume play of the video where it left off, Pseudo Resume must be on. See "Player Setup BD/DVD" later in this section.

The RSE system may not operate properly until the temperature is above -20°C (-4°F) and below 55°C (131°F).

System Operation

The video screens are on the back of the driver and front passenger seats, or overhead in the second or third row (if equipped).



Rear Seat Screens (As Equipped)

1. IR Lens
2. Release Button

To use :

1. Press the release button on the seatback console or in front of the overhead screen. Do not pull on the sides of the screen.



2. Move the screen to the viewing position. The remote must be removed from the storage location to be used.

Caution

When storing the remote, place it in the storage area with the buttons facing toward you or damage to the screen could occur.

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- Opening a screen will turn the system on. If the screens are open with the system off, press the power button on the remote to turn the system on.

The system can also be turned on from the front infotainment system by pressing the Video screen button. After selected, another item can be selected from the Home Page and the video and audio will continue to play in the rear.

Push the video screen into its locked position when it is not in use. The screen turns off automatically.

The audio may continue with the screens down. This allows listening to music without the screen on. To turn the audio off, press the power button on the remote or on the front infotainment Video screen.

Caution

Avoid directly touching the video screen, as damage may occur.

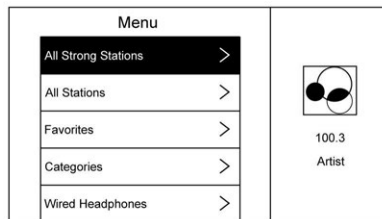
Sources

Sources, if equipped, include AM, FM, BD, AUX, Photos, CD/DVD/Blu-ray, USB, and SD card.

Menus and Features


AM/FM Menu

Press RADIO on the remote control, then select AM or FM.



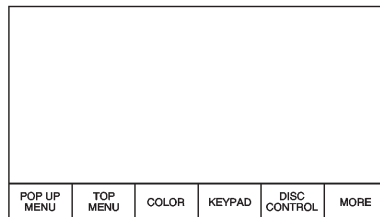
Press Menu to select All Strong Stations, All Stations, Favorites, Categories, Wired Headphones, DivX[®] VOD if supported, or Software Information.

Only one tuner source may be active at a time.

To close, press the MENU button or  (Back) button, or wait for the time out.


Disc Menu BD (Blue-ray disc)

Press MEDIA on the remote control and then select CD/DVD/BD, USB, SD, AUX, or Photo Viewer.




Press MENU on the remote control once to display menus based on the media.

Choose from POP UP MENU (BD Only), TOP MENU, COLOR, KEYPAD, DISC CONTROL, and MORE (SETTINGS, PREVIOUS, NEXT, STILLS OFF).

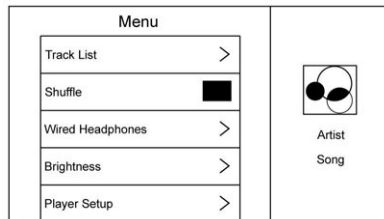
To close, press the MENU button or  (Back) button, or wait for the time out.

Disc Menu DVD

Press MENU on the remote control once to select from TOP MENU, KEYPAD, STOP DISC, PHOTO, and SETTINGS.

To close, press MENU or  (Back), or wait for the time out.

CD Menu



Select from :

- Track List
- Shuffle
- Disc Information (if available)
- Wired Headphones
- Brightness

- Player Setup: Audio Compression, Auto Enter (if available)
- DivX VOD (if supported)
- Title Search (if available)
- Software Information

If no disc is present, not all choices are available.

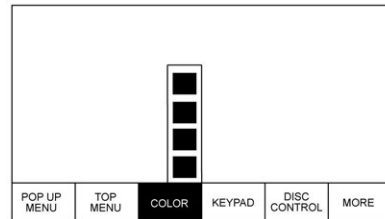
Pop Up Menu (BD Only)


Select to display the on-screen menu options. Press the disc-generated option to close the Pop Up menu and return to the audio screen, if available, or make a selection to exit the Pop Up menu. When the Pop Up menu is opened, the overlay/Interaction Selector menu will be closed.

Top Menu BD/DVD

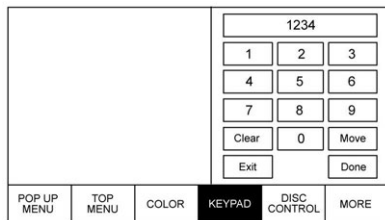
Select to display the DVD or BD menu. Make a selection to exit the Top menu. TOP MENU is not available for BDAV, DVD-VR, and AVCREC.


Color (BD Only)



Select to display the four color button options. Highlight a color and press ENTER and the appropriate action for that disk will be carried out. To close the menu, press  (Back) or MENU, or wait for the time out. Press the down arrow to keep the overlay menu up, but close the Color menu.

Keypad BD/DVD

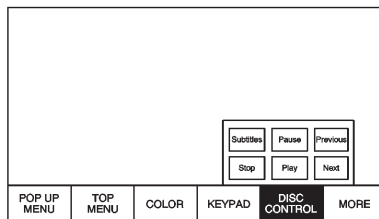



Select to display. To close, press  (Back) or MENU, wait for the menu to time out, or press the down arrow from the 0 or Done buttons. The keypad is disc dependent and may have no function.

The keypad input is limited to four digits.

Select Clear to clear one digit at a time. Press and hold to clear all entered digits.

Disc Control (BD/AV and BDMV Only)



Select to display the disc options Subtitles, Play, Pause, Next, Previous, and Stop. Press  (Back) or MENU, or wait for the time out to close. Press the down arrow from Stop, Play, or Next to keep the overlay up but close the menu. The Disc Control menu is disc dependent and may have no function.

Stop Disc (DVD Only)

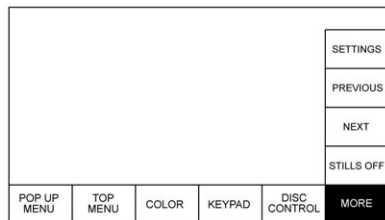
Select to close the overlay menu. Select to close the overlay menu. Press Menu on the screen to open the Disc Stopped menu.

Select from :

- Resume Playback : Returns to the current position on the disc and resumes play.
- Title Search (if available)
- Restart Disc
- Screen Mode
- Wired Headphones
- Brightness
- Player Setup: Audio Compression, Auto Enter (if available)
- DivX VOD (if supported)
- Software Information


Not all options are available while the disc is playing.

Browse Media (AVCREC, BDAV, DVD-A, DVD-VR only) allows the media on the disc to be searched in a list format.

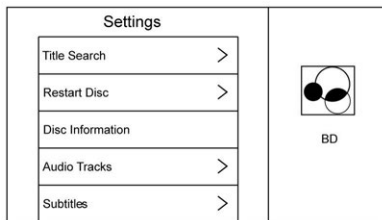
More

The MORE submenu includes SETTINGS and items related to still pictures.

Previous/Next/Stills Off

Select PREVIOUS to turn off or advance to the next still picture. NEXT advances to the next picture. Select STILLS OFF to return to the home still, if available. Press  (Back) or MENU, or wait for the time out to close the menu. Press the down arrow on the bottom option to close the next still pop-up. The still picture feature is disc dependent.

This feature can also be accessed by selecting Photo on the DVD Disc menu.

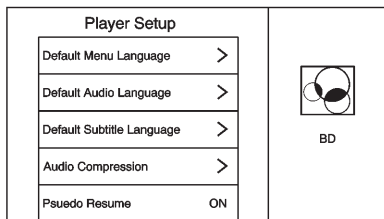
Settings BD/DVD

Select to access :

- Browse Media (BDAV, AVCREC, DVD-A, DVD-VR only) : Allows browsing by Video List or Playlist.
- Title Search (AVCHD, DVD-V, BDMV only) : Allows the titles provided by the disc to be searched. Select this option to bring up a keypad to search for specific titles.
- Restart Disc : Restarts the disc from the beginning.
- Disc Information (if available)
- Audio Tracks
- Subtitles

- Angle (BDMV, DVD-V, DVD-A only) : Select an angle by using the up and down arrows to highlight the option and pressing ENTER or the right arrow.
- Screen Mode : Adjusts the framing on the RSE display. Select Normal, Wide, or Zoom. Screen Mode only applies to video sources and should be maintained if the disc is ejected.
- Wired Headphones : Use to listen to audio on the wired headphones. The headphone audio plays depending on which screen is selected. The default is screen 1 audio.
- Brightness : Increase the brightness by using the up or right arrow and decrease the brightness by using the down or left arrow. Each screen brightness can be adjusted separately.
- Player Setup : See "Player Setup BD/DVD" following.
- DivX VOD (if supported)
- Software Information

Player Setup BD/DVD



Player Setup may include :

- **Default Menu Language** : With no disc inserted, select from a list of languages or enter a language code.
- **Default Audio Language** : With no disc inserted, select from a list of languages or enter a language code.
- **Default Subtitle Language** : With no disc inserted, select from a list of languages or enter a language code.
- **Audio Compression** : When on, the RSE will attempt to reduce the difference between the audio highs and lows. CUSTOM will increase dialog volume.

- **Pseudo Resume** : When on, the RSE will attempt to resume play of the video where it left off after the vehicle has been turned off. This can be turned on or off.
- **Auto Enter** : When on, the RSE will attempt to start play of the video when the disc is inserted. This feature can be turned on or off. Not all discs support this feature.
- **Audio Channel (AVCREC, DBAV, DVD-VR only)** contains : Stereo, Left Mono, and Right Mono. Audio Channel is available from the Settings menu. Default will be determined by the disc.
- **Format Internal User Memory**: Only shown when no disc is inserted. Select OK. A message and the activity indicator display. A message displays when the format is complete.

Enter Language Code

Enter the desired language code.

Language/Code		User Code
Japanese	JPN	7465
English	ENG	6978
French	FRA	7082
German	DEU	6869
Italian	ITA	7384
Spanish	SPA	6983
Dutch	NLD	7876
Russian	RUS	8285
Chinese	ZHO	9072
Korean	KOR	7579
Greek	ELL	6976
Afar	AAR	6565
Abkhazian	ABK	6566
Afrikaans	AFR	6570
Amharic	AMH	6577
Arabic	ARA	6582
Assamase	ASM	6583

Aymara	AYM	6589
Azerbaijani	AZE	6590
Bashkir	BAK	6665
Byelorussian	BEL	6669
Bulgarian	BUL	6671
Bihari	BIH	6672
Bislama	BIS	6673
Bengali	BEN	6678
Tibetan	BOD	6679
Breton	BRE	6682
Catalan	CAT	6765
Corsican	COS	6779
Czech	CES	6783
Welsh	CYM	6789
Danish	DAN	6865
Bhutani	DZO	6890
Esperanto	EPO	6979
Estonian	EST	6984
Basque	EUS	6985
Persian	FAS	7065

Finnish	FIN	7073
Fiji	FIJ	7074
Faroese	FAO	7079
Friesian	FRY	7089
Irish	GLE	7165
Scots-Gaelic	GLA	7168
Galician	GLG	7176
Guarani	GRN	7178
Gujarati	GUJ	7185
Hausa	HAU	7265
Hindi	HIN	7273
Croatian	HRV	7282
Hungarian	HUN	7285
Armenian	HYE	7289
Interlingua	INA	7365
Interlingue	ILE	7369
Inupiak	IPK	7375
Indonesian	IND	7368
Icelandic	ISL	7383
Hebrew	HEB	7269

Yiddish	YID	8973
Javanese	JAV	7487
Georgian	KAT	7565
Kazakh	KAZ	7575
Greenlandic	KAL	7576
Cambodian	KHM	7577
Kannada	KAN	7578
Kashmiri	KAS	7583
Kurdish	KUR	7585
Kirghiz	KIR	7589
Latin	LAT	7665
Lingala	LIN	7678
Laothian	LAO	7679
Lithuanian	LIT	7684
Latvian	LAV	7686
Malagasy	MLG	7771
Maori	MRI	7773
Macedonian	MKD	7775
Malayalam	MAL	7776
Mongolian	MON	7778

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Moldavian	MOL	7779
Marathi	MAR	7782
Malay	MSA	7783
Maltese	MLT	7784
Burmese	MYA	7789
Nauru	NAU	7865
Nepali	NEP	7869
Norwegian	NOR	7879
Occtian	OCI	7967
Oromo	ORM	7977
Oriya	ORI	7982
Panjabi	PAN	8065
Polish	POL	8076
Pashto, Pushto	PUS	8083
Portuguese	POR	8084
Quechua	QUE	8185
Rhaeto-Romance	ROH	8277
Kirundi	RUN	8278
Romanian	RON	8279
Kinyarwanda	KIN	8287


SanSkrit	SAN	8365
Sindhi	SND	8368
Sangho	SAG	8371
Serbo-Croatian	SCR	8372
Singhalese	SIN	8373
Slovak	SLK	8375
Uzbek	UZB	8590
Vietnamese	VIE	8673
Volapuk	VOL	8679
Wolof	WOL	8779
Xhosa	XHO	8872
Yoruba	YOR	8979
Zulu	ZUL	9085
Slovenian	SLV	8376
Samoaan	SMO	8377
Shona	SNA	8378
Somali	SOM	8379
Albanian	SQI	8381
Serbian	SRP	8382
Siswairi	SSW	8383

Sesotho	SOT	8384
Sundanese	SUN	8385
Swedish	SWE	8386
Swahili	SWA	8387
Tamil	TAM	8465
Telugu	TEL	8469
Tajik	TGK	8471
Thai	THA	8472
Tigrinya	TIR	8473
Turkmen	TUK	8475
Tagalog	TGL	8476
Setswana	TSN	8478
Tonga	TON	8479
Turkish	TUR	8482
Tsonga	TSO	8483
Tatar	TAT	8484
Twi	TWI	8487
Ukrainian	UKR	8575
Urdu	URD	8582

Errors

Errors can occur if the local storage area has been broken or if the ignition is turned off during formatting. Closing the screen during formatting will not interrupt it. If the screen is opened again, the current state of format will be displayed. If an error occurs, the Error screen will display when the ignition is turned on.

Wired Headphones

Select from the Settings menu, then select the headphone audio for the wired headphone jack based on screen 1 or screen 2 and press ENTER or the right arrow. Press  (Back) to exit.

The headphones are set to screen 1 by default.

Title Search (CD-DA Only)

This displays a list of titles to select by using the up and down arrows.

Disc Information (CD-DA Only)

If the inserted disc is a BDMV, BDAV, AVCHD, AVCREC, DVD-Video, or DVD-VR, the disc title should display. If the inserted disc is DVD-Audio, DTS-CD, CDDA, or Mixed-CD, the track number will display.

DivX®

If supported, this indicates the vehicle is registered to play DivX media and explains how to obtain more information.

Software Information

This allows access to Version Information, Save Vehicle Info to USB, and View Open Source.

Save Vehicle Info to USB allows the current version to be saved to a jump drive, which must be done before an update can be performed.

View Open Source indicates where software information can be found.

Changing Between SCREEN 1 and SCREEN 2

For single overhead screen systems only :

Although two audio sources can be listened to at one time, only one video source can be viewed on the overhead screen at a time.

Press the SCREEN 1 or SCREEN 2 button on the remote control to change between which source will display on the overhead screen.

When SCREEN 1 is being displayed and the SCREEN 2 button on the remote is pressed, the source for SCREEN 2 will be displayed. The audio for SCREEN 1 is available on channel 1 of the headphones and the audio for SCREEN 2 is available on channel 2 of the headphones. Change the channel on the headphones to the desired screen source.

One user can listen to the audio from SCREEN 1 and view the source on the overhead display while another user can listen to a separate audio source by changing

the channel on the wireless headphones or setting their wired headphones to SCREEN 2 in the MENU.

RSE Controls Available from the Front Screen

To access the RSE, select Video from the HOME screen. The Video app may also be selected from the applications tray if it has been stored in one of the five locations.

Sourcing to DVD/BD

This allows for watching a DVD/BD video on the front screen when the vehicle is in P (Park).

After a disc is inserted, it will automatically begin playing. To resume play of the video where it left off, Pseudo Resume must be on. See "Player Setup BD/DVD" previously in this section.

With the vehicle in P (Park), icons display along the bottom of the front screen. When a DVD, VCD, USB, AUX, or SD is inserted :



When a BD is inserted :



Rear Media

This allows for transitioning between AUX, Disc, USB, and SD sources for the rear screens. Sources selected will be automatically sourced for both rear screens and will begin playback from the first available file.

The video will only appear on the front screen with the vehicle in P (Park). In any other gear, the front screen displays the active media source.

DVD/BD Disc Menu

With the vehicle in P (Park), touch DISC MENU to access the DVD/BD disc menu.

Next Track/Previous Track

Use ► to skip ahead or ◀ to skip back chapters. Touch ◀ less than five seconds into the current track to start at the beginning of the previous track. Touch ◀ more than five seconds into the current track to start at the beginning of the current track.

Fast Forward/Fast Rewind

With the vehicle in P (Park), hold ► or ◀ for approximately one and one-half seconds to fast forward or fast rewind. If ► or ◀ are held for approximately six seconds, the rate of fast forward or fast rewind will increase.

Play/Pause

Touch ► to play or || to pause, depending on the current selection.

Keypad for DVD/VCD/SD/USB

With the vehicle in P (Park), select to display the DVD keypad. DVD keypad functionality is disc dependent and may not be available on all DVDs. Up to four digits can be entered. Select Clear to remove one digit in the entry field. Press and hold Clear to remove all digits in the entry field.

Pop Up Menu (BD Only)

This displays the pop up menu contents for the BD. Make a selection or use the Interaction Selector to exit pop up menu view.

Cursor

Use to navigate and select items in the disc menu. Press the up, down, right, or left arrows, or ENTER. Press cursor to close the Interaction Selector and display a vertical menu of cursor buttons. The cursor will time out and close.

Sourcing USB/SD/VCD/AUX with Video

This allows for watching videos on the front screen from devices plugged into the rear module when in P (Park).

With the vehicle in P (Park), icons display :



These features will function the same as in DVD/BD sources, with the following exceptions :

- KEYPAD is only available for VCD in P (Park).
- DISC MENU is only available for disc sources such as VCD. The system displays the menu provided by the disc.

Sourcing DVD/BD/USB/SD/VCD/AUX

With the vehicle in D (Drive), the following icons display along the bottom of the front screen when one of these sources is active :



DVD/BD/USB/SD/VCD : All buttons are available.

AUX : Only REAR MEDIA and MENU are available.

Rear Media

Use to select AUX, Disc, USB, or SD sources. Both rear screens will be sourced and will begin playback of the first available file. The video will only display on the front screen if the vehicle is in P (Park). In any other gear, the front screen displays the active media source.

Previous Track/Next Track

Touch ◀ or ▶ to select the previous or next track on the current media.

Play/Pause

Touch ▶ to play or || to pause, depending on the current selection.

Menu (DVD/BD/SD/USB/AUX/VCD)

Only available in D (Drive). Press MENU to display these options :

- **Tone Settings :** Use to set bass, mid, and treble on speakers only. Once set, tone settings are for all sources.
- **Auto Volume Control :** Adjusts the volume of the audio based on the speed of the vehicle. Some vehicles may be equipped with the Bose AudioPilot technology. In these cases, the Auto Volume (AVC) main menu item is replaced with the Bose AudioPilot menu item. AVC or Bose AudioPilot is available to use with any source mode.

- **Traffic Announcements :** Displays traffic alerts in the RSE system. The video will continue to play and the audio will mute, depending on the alert.

Closing the Menu (DVD/BD)

Press Back or Exit to close a menu. This will return to the previously viewed screen.

Power

Press the power button on the front screen to turn the RSE screen on or off. The front screen will continue to operate when the overhead screen is turned off. A red lit power button indicates the rear screens are on. A white lit power button indicates the rear screens are off.

Headphones



1. Power Indicator Light
2. Channel 1 or 2 Switch
3. Volume Control
4. Power Button
5. Battery Cover

RSE includes two or four 2-channel wireless headphones depending on the vehicle model. The headphones are used to listen to various multimedia. The wireless headphones have a power button, Channel 1 or 2 switch, and a volume control.

Press the power button to turn on the headphones. A light on the headphones comes on. If the light does not come on, check the batteries. Intermittent sound or static

can also indicate weak batteries. See “Battery Replacement” later in this section.

Turn the headphones off when not in use.

Press the center of the right side of the headphone to change the channel. Channel 1 will provide audio associated with screen 1 and channel 2 will provide audio associated with screen 2.

Infrared transmitters are on the top of the left seatback video screen or in front of the second overhead screen. The headphones shut off automatically to save the battery power if the RSE system is off or if the headphones are out of range of the transmitters for more than three minutes. Moving too far forward or stepping out of the vehicle can cause the headphones to lose the signal or have static.

Use the volume control on the headphones to adjust the volume.

For best audio performance, wear the headphones as indicated with L (Left) and R (Right) on the ear pads. Do not let anything cover the ear pads.

Caution

Do not store the headphones in heat or direct sunlight. This could damage the headphones and repairs will not be covered by the warranty. Storage in extreme cold can weaken the batteries. Keep the headphones stored in a cool, dry place.

If the foam ear pads become worn or damaged, the pads can be replaced separately. Contact your dealer.

Battery Replacement

To change the batteries :

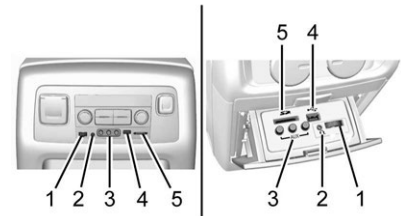
1. Loosen the screw to the battery door on the left side of the headphones.
2. Slide the battery door open.

3. Replace the two AAA batteries.
4. Replace the battery door and tighten the screw.

Remove the batteries if the headphones will not be used for a long time.

Auxiliary Inputs

Audio/Video (A/V) Jacks



Rear Media Connections (As Equipped)

1. Volume Control
2. Wired Headphone Jack
3. A/V Jacks
4. USB Port
5. SD Card Reader

If equipped with RSE, features above will be in the rear of the center console. These ports are for the primary use of the rear passengers and not all media is available to the front passengers.

The A/V jacks allow audio or video cables to be connected from an auxiliary device such as a camcorder, video game system, or Apple device. A cable from Apple is required.

The A/V jacks are color coded :

- Yellow for video input
- White for left audio input
- Red for right audio input

Power for the auxiliary devices is not supplied by the infotainment system.

To use the auxiliary inputs of the RSE system :

1. Connect the auxiliary device cables to the A/V jacks.
2. Power on both the auxiliary device and the RSE video screen.

3. Press Media on the remote control and use the left or right arrows to change the source to AUX.

USB/SD

This allows for video and audio playback of supported media.

Audio from these ports can only be heard and controlled by the rear seat passengers. Video can be heard, shown, and controlled by the rear and front passengers.

To use the USB and SD :

1. Insert the device in the appropriate slot.
2. Select the source via the rear screen menu with the remote control MEDIA button.
3. Select the source via the front by touching on the Video application on the home screen.

Audio Output

Audio from a Blu-ray/DVD/CD player or auxiliary inputs can be heard through :

- Wireless headphones : Available for any source depending on the selected channel.
- Vehicle speakers : Touch the VIDEO screen button. Select any other source to stop the speaker audio.
- Vehicle wired headphone jack : See "Wired Headphone Jack" following.

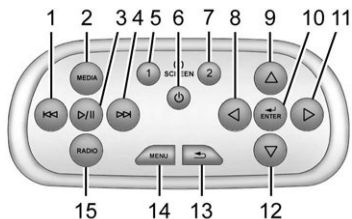
The RSE system transmits the audio signal to the wireless headphones if an audio signal is available. See "Headphones" earlier in this section.

Front seat passengers can listen to playback from the A/V jacks through the vehicle speakers by selecting Rear A/V as the source on the radio.

Wired Headphone Jack

Select MENU on the remote control, then select Settings and then Wired Headphones to listen to audio on the wired headphones. The headphone audio plays depending on which screen is selected. The default is screen 1 audio.

Remote Control



Remote Control Buttons

- ⏮ (Previous/Reverse)**
 - Radio : Press to seek the previous radio station.
 - CD : Press to seek the previous track.
 - Blu-ray/DVD : Press to seek the previous chapter.
- MEDIA**
 - Press and hold for fast reverse.
- ⏪ (Next/Fast Forward)**
 - Press to scroll through the menus including : CD, AUX, Blu-ray/DVD, SD, USB.
- ⏸ (Play/Pause)**
 - Press to start playing. Press to pause. Press again to continue playing.
- ⏩ (Next/Fast Forward)**
 - Radio : Press to seek the next radio station.
 - CD : Press to seek the next track.
 - Blu-ray/DVD : Press to seek the next chapter.
 - Press and hold to fast forward.
- SCREEN 1**
 - For dual seatback screens : Press to select the left screen. Once pressed, all remote control commands will only pertain to screen 1.

- For single overhead screens : Press to change the source displayed on the overhead screen to SCREEN 1 selected source. Select audio sources. Only one video can be played on the screen at a time. Audio for both sources will continue on the headphones. Once pressed, all remote control commands will correspond to SCREEN 1.
 - For dual overhead screens : Press to select the second row overhead screen. Once pressed, all remote control commands will correspond to SCREEN 1.
- ⏻ (Power)**
 - Press to turn the video screens on and off.

7. SCREEN 2

- For dual seatback screens :

Press to select the right screen. Once pressed, all remote control commands will only pertain to SCREEN 2.

- For single overhead screens :

Press to change the source displayed on the overhead screen to SCREEN 2 selected source. Only one video can be played on the screen at a time. Audio for both sources will continue on the headphones. Once pressed, all remote control commands will correspond to SCREEN 2.

- For dual overhead screens :

Press to select the optional third row overhead screen. Once pressed, all remote control commands will correspond to SCREEN 2.

8. ◀ (Previous/Reverse/Decrease)

- Radio and CD : Press to go to the previous station or track.
- Press to go to the previous menu.
- Press to decrease the brightness of the RSE screen.

9. ▲ (Up Arrow)

- Press to scroll up a list.

10. ⬅ /ENTER

- Press to select the highlighted choice in any menu.
- Press and hold for quick play.

11. ▶ (Next/Forward/Increase)

- Radio and CD : Press to go to the next station or track.
- Press to go to the next menu.

- Press to increase the brightness of the RSE screen.

12. ▼ (Down Arrow)

- Press to go down a list.

13. ↶ (Back)

- Press to go back to the previous menu.
- Press and hold to go back to the now playing screen.

14. MENU

- Press to go to the menu of the now playing screen.

15. RADIO

- Press to scroll through the radio sources including AM or FM.

To use the remote control, aim it at the transmitter window at either the seatback console or at the second row overhead screen and press the buttons firmly. Direct sunlight or very bright light could affect the ability of the RSE transmitter to receive signals from the remote control.

Check the batteries if the remote control does not seem to be working. See "Battery Replacement" following. Objects blocking the line of sight could also affect the function of the remote control.

If a CD, Blu-ray/DVD, or MP3 disc is in the CD slot, the remote control ⏻ button can be used to turn on the video screen display and start the disc. The infotainment system can also turn on the video screen display.

Caution

Storing the remote control in a hot area or in direct sunlight can damage it, and the repairs will not be covered by the warranty. Storage in extreme cold can weaken the batteries. Keep the remote control stored in a cool, dry place.

Battery Replacement

To change the remote control batteries :

1. Insert a coin or key to pull up the rear cover on the remote control.
2. Replace the two AAA batteries in the compartment.
3. Replace the battery cover.

Remove the batteries from the remote control if it will not be used for an extended period of time.

RSE Troubleshooting

No power : The ignition might not be in ON/RUN or ACC/ACCESSORY.

The picture does not fill the screen. There are black borders on the top and bottom or on both sides or it looks stretched out : Press the MENU button on the remote control to change the display mode setting.

In auxiliary mode, the picture moves or scrolls : Check the auxiliary input connections at both devices.

The remote control does not work : Check to make sure the remote control is programmed to the correct screen. Make sure there is no obstruction between the remote control and the transmitter window and check the batteries to make sure they are not dead or installed incorrectly.

There is no sound from the headphones with the indicator light on : If the batteries are good, make sure the headphones are programmed to the correct screen and on the correct channel for the screen being viewed.

The auxiliary source is running but there is no picture or sound : Check that the RSE video screen is in the auxiliary source mode by pressing the MEDIA button on the remote control. Check the auxiliary input connections at both devices.

Sometimes the wireless headphone audio cuts out or buzzes : Check for obstructions, low batteries, reception range, and interference from cell phone towers or from cellular telephone use in the vehicle. Check that the headphones are on correctly using the L (Left) and R (Right) on the headphones. Check that the headphones are positioned properly with the headband across the top of the head.

I lost the remote and/or the headphones : See your dealer for assistance.

The Blu-ray/DVD is playing, but there is no picture or sound : Check that the RSE video screen is sourced to the Blu-ray/DVD player by pressing the MEDIA button on the remote control.

Video Display Error Messages

The video screen may display one of the following :

Disc Error : There are disc load or eject problems, the disc is inserted with the disc label wrong side up, the disc is damaged, or the disc is not from the correct region.

No Disc Inserted : No disc is present.

Disc Player Error : The temperature is outside the operating range of the RSE system. If the temperature is within range, see your dealer.

Video Distortion

Video distortion can occur when operating cellular phones, scanners, CB radios, Global Positioning Systems (GPSs), two-way radios, mobile faxes, or walkie talkies.

It might be necessary to turn off the video player when operating one of these devices in or near the vehicle.

Rear Seat Entertainment (RSE) System (Platinum)

Vehicles with an RSE system include two head restraint video display screens with integrated DVD players, auxiliary inputs, two wired headphones, and remote control. This system works independently from the vehicle's Overhead DVD RSE system. See *Rear Seat Entertainment (RSE) System* ⇨ 23 or *Rear Seat Entertainment (RSE) System (Platinum)* ⇨ 40 for information about the Overhead DVD RSE system.

The vehicle has a feature called Retained Accessory Power (RAP). With RAP, the RSE system can be played even after the ignition is turned off. See "Retained Accessory Power (RAP)" in the owner manual.

Video Display Screens

The video display screens are on the back of each head restraint.

Caution

Avoid directly touching the video screen, as damage can occur. See "Cleaning the Video Screens" later in this section for more information.

RSE System Overview

The loading slot for the DVD player is located at the top of the head restraint. Insert the disc partially into the loading slot with the printed side facing the rear of the vehicle. The DVD player automatically draws the disc in, "Loading" displays on the screen along with a disc indicator, and playback starts. If the disc is inserted incorrectly, the DVD player ejects the disc and "No Disc" displays.

Some DVDs do not allow fast forwarding or skipping of the copyright information or previews. If the DVD does not begin playing at the main title, refer to the on-screen instructions.

The DVD player can be controlled by using the buttons below the video display screen or by using the buttons on the system's remote control. See "Remote Control" later in this section.

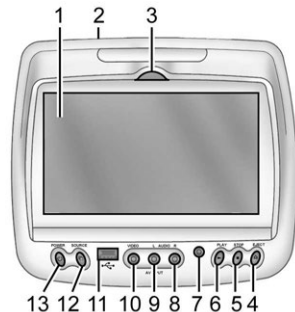
The following discs are compatible with the DVD player :

- DVD-Video : A DVD that has video.
- CD-DA : A CD that has music or sound content only.
- CD-Video : A CD that has a movie.
- CD-R/RW : A disc that has audio files such as CD-R with downloaded MP3 files, MPEG, or JPEG files.

The DVD player and discs are coded by global region. The DVD players are set to Region 1. Discs with other region codes will not work in the players.

If an error message displays on the video screen, see "DVD Messages" later in this section.

While the vehicle is moving, passengers should not unfasten their safety belts to make adjustments to the video screen control buttons. See "Safety Belts" in the owner manual. Use the remote control for any necessary adjustments. See "Remote Control" later in this section.



1. Video Screen
 - Located behind the front seat head restraint.
2. CD/DVD Slot
 - The loading slot for the DVD player is at the top of the head restraint. Insert

the disc partially into the loading slot with the printed side facing the rear of the vehicle. The DVD player automatically draws the disc in, "Loading" displays on the screen along with a disc indicator, and playback starts. If the disc is inserted incorrectly, the DVD player ejects the disc and "No Disc" displays.

3. Lever Lock and Release Latch

- The viewing angle of the video screen can be adjusted by releasing the latch and gently moving the screen. Then lock it into a secure position.

4. EJECT ▲

- Press to eject a disc from the DVD slot.

If a disc is ejected from the player, but not removed, it will automatically reload into the player. Another way to reload a disc that has been ejected, but not

removed from the DVD player, is to press the eject button or the play button.

5. STOP ■

- Press once to stop playing a DVD.

There is a pre-stop feature for DVD and video CD only. This feature resumes playback of the disc where it was stopped. Press the stop button once during disc playback and ■ displays on the DVD startup screen. This icon disappears after a few seconds. Press the stop button a second time, or eject the disc, to cancel the pre-stop feature and to clear the disc position memory.

6. PLAY ►

- Press this button below the video display screen to start playback of a disc. On DVDs and video CDs with playback control (PBC),

menu screens can display automatically. It might be necessary to press the play button again to begin play. There is a play position memory feature for DVD and video CD only. If the DVD player is turned off and then turned back on, the DVD player resumes playback where the disc stopped. The play position memory is erased if the disc is removed.

7. 3.5 mm (1/8 in) Output Jack

- Wired headphones can be plugged in with a 3.5 mm (1/8 in) jack.

8. Right Audio Input

- The red connector is used for the right side audio.

9. Left Audio Input

- The white connector is used for the left side audio.

10. Video Input

- The yellow connector is used for video input.

11. USB Port

- Connect the USB drive to listen to music or view pictures. To charge a device, connect it to the USB port. Not all devices are able to be charged. For playback, the formats available are :

- JPEG
- JPG
- M2V
- MP3
- MPE
- MPEG-1
- MPEG-2
- MPG
- OGG
- WMA

12. SOURCE

- Press to select between Screen 3, Screen 4, or the AV INPUT. Each video display screen can be adjusted independently, as

well as display information from both DVD players and both A/V inputs.

13. POWER 

- Press to turn the power on or off. Each video screen can be powered on or off independently.

Infrared Remote Sensor : Located in the top center of the video display screen. Do not block the signal from the remote to the sensor.

Infrared Transmitters : Located in the top center of the video display screen. Do not block the signal from the headphones to the transmitter.

Using the RSE On-Screen Display (OSD) Menus

Use the OSD setup display menus for :

- General Setup
- Audio Setup
- Quality Setup
- Preference Setup

To use the OSD menus while using the DVD player or an auxiliary device :

1. Press the SETUP button on the remote control to display the icons and pages on the display screen.
2. Select the desired page by using the left/right navigation arrows to move the cursor.
3. Press the SETUP button again on the remote control to cancel use of the setup display.

Not all DVDs support all of the feature defaults in the setup menus. If a feature is not supported, the defaults are provided by the DVD media.

General Setup Menu

To set the language for the OSD :

1. Press the SETUP button on the remote control.
2. Use the left/right navigation arrows to navigate the General Setup Page, then use the down navigation arrow to select the OSD language.

3. Press the ENTER button and then use the right or left navigation arrows to select English, Simple/Traditional Chinese, French, German, Italian, Spanish, Portuguese, or Korean. Press the left navigation arrow to go back to the previous menu.

The angle mark allows different viewing angles on the DVD player. To set the angle mark :

1. Press the SETUP button on the remote control.
2. Use the left/right navigation arrows to navigate the General Setup Page, then use the down navigation arrow to select the OSD language.
3. Press the ENTER button and then use the right or left navigation arrows to select On or Off. Press the left navigation arrow to go back to the previous menu.

Audio Setup Menu

The Audio Setup Menu is available when a disc is not loaded.

To set the speaker setup :

1. Press the SETUP button on the remote control.
2. Use the left/right navigation arrows to navigate the Audio Setup Page.
3. Press the down navigation arrow to select the Speaker Setup sub-menu and to adjust the speakers setting. Choose from LT/RT, Stereo, V SURR, and OFF.
4. Press the ENTER button and then use the left or right navigation arrows to select a speaker option. Press the left navigation arrow to go back to the previous menu.

The Dolby Digital Setup Menu speaker options are L-Mono, R-Mono, and Mix-Mono.

Quality Setup Menu

To set up the video quality setup menu :

1. Press the SETUP button on the remote control.

2. Use the left/right and down navigation arrows on the remote control to select the Video Quality Setup sub-menu.
3. Press the ENTER button, and use the left or right navigation arrows to adjust the following:

Sharpness : Adjust to soften or sharpen the picture. Use the right or left navigation arrows to choose from Low, Med, or High.

Brightness : Adjust to brighten or darken the picture. Use the right or left navigation arrows to choose from -20 to +20.

Contrast : Adjust to increase or decrease the picture contrast. Use the right or left navigation arrows to choose from -16 to +16.

Hue : Adjust to increase or decrease the color hue. Use the right or left navigation arrows to choose from -9 to +9.

Saturation : Adjust to increase or decrease color intensity. Use the right or left navigation arrows to choose from -9 to +9.

Preference Setup Menu

To set the audio playback language :

1. Press the SETUP button on the remote control.
2. Use the left/right and down navigation arrows on the remote control to select the Audio sub-menu under the Preference Page.

To turn the Subtitles on or off :

1. Press the SETUP button on the remote control.
2. Use the left/right and down navigation arrows on the remote control to select the Subtitle sub-menu under the Preference Page and use the left or right navigation arrows to choose On or Off. Press the left navigation arrow to go back to the previous menu.

To set the disc menu language :

1. Press the SETUP button on the remote control.

2. Use the left/right and down navigation arrows on the remote control to select the Disc sub-menu under the Preference Page and use the left or right navigation arrows to select the language. Press the left navigation arrow to go back to the previous menu.

To set up the Parental Control :

1. Press the SETUP button on the remote control.
2. Use the left/right and down navigation arrows on the remote control to select the Parental sub-menu under the Preference Page.
3. Press the SETUP button, and use the right and up/down navigation arrows to select any one of the available Rating settings from the display menu.

The Rating settings are :

- Kid SAFE (Children)
- G
- PG
- PG 13

- PG R
- R
- NC 17
- ADULT

4. Press the left navigation arrow to confirm the selection.

If a disc is inserted into the DVD compartment slot and it exceeds the Parental Setting, the following message appears on the display :

The Parental Setting of this player prohibits play. Would you like to allow this disc to play?

If yes if selected, the six digit password must be entered for the disc to play. If the wrong password is entered, the following message appears :

This movie will not play due to the Parental Setting of the player.

To create a six digit password, use the numeric keypad on the remote control. Press the ENTER button to confirm. *The default password is 136900.*

To change the Parental Control Password :

1. Press the SETUP button on the remote control.
2. Navigate to the Password sub-menu under the Preference Menu and press ENTER.
3. At the Old Password option, enter the old password or the default password (136900).
4. At the New Password option, enter the new password (six digits) using numeric buttons.
5. At the Confirm PWD option, confirm the new password by entering the new password again.
6. Scroll to the OK button and press ENTER. The message "Your password has been changed" displays.

To reset the system back to the factory default settings :

1. Press the SETUP button on the remote control.

2. Use the left/right and down navigation arrows on the remote control to select the Default sub-menu under the Preference Page and press the ENTER button to reset the settings. The parental settings will not be affected.

Vehicle Speakers


Audio from the DVD player or an auxiliary device can be heard through the vehicle speakers or the wireless/wired headphones, while the radio is tuned to one of the many frequencies selected on the Sound Around portion of the system's remote control. See "Remote Control" later in this section.

Only one audio source can be heard through the vehicle's speakers at a time. The audio source being used is specified by the A/V (audio/video) source selected on the driver side head restraint video display screen.

To turn the RSE system audio output to the vehicle's speakers, press Sound Around ON, on the system's remote control. The audio

from the RSE system can be heard through the wireless/wired headphones and the vehicle's speakers at the same time. The volume on the radio can vary when switching between the radio, CD, DVD, MP3, or an auxiliary device.

Wired Headphones

VOL  (**Volume**) : Use to adjust the volume on the headphones.

100 Channel FM-Modulation Control

For Screen "3" Only :

To activate the FM modulation feature, press the "Sound Around On/Off" button on the remote until the text "FM CH XX.XMH2" is displayed on the monitor.

On the remote, press the "Sound Around Select" button to cycle through a pre-established list of 6 channels (88.3MHz, 88.7MHz, 89.1MHz, 89.5MHz, 89.9MHz, 90.3MHz).

If none of these stations are suitable for FM Modulation, use the "Fine Tune" Option. To "Fine Tune" the

modulator to a specific target station while the display is active, press the “Up” or “Down” keys on the remote to change the channel by 0.2MHz. Hold down the “Up” or “Down” keys to cycle quickly through the stations. When the end (107.9MHz) or beginning (87.5MHz) of the FM band is reached, the channels will continue from the beginning (87.5MHz) or end (107.9MHz), respectively.

To deactivate the FM modulation feature, press the “Sound Around On/Off” button on the remote until the text “FM OFF” is displayed on the monitor.

Caution

Do not store the headphones in heat or direct sunlight. This could damage the headphones and repairs will not be covered by the warranty. Storage in extreme cold can weaken the batteries. Keep the headphones stored in a cool, dry place.

Remote Control

To use the remote control, aim at the remote sensor on top center of the video display screen and press the desired button.

Objects blocking the line of sight can affect the function of the remote control. Direct or very bright light can affect the ability of the transmitter to receive signals from the remote control. If the remote control does not seem to be working, the batteries might need to be replaced. See “Battery Replacement” later in this section.

The remote control provided with the RSE system is not a universal remote control and will not control other equipment.

Caution

Storing the remote control in a hot area or in direct sunlight can damage it, and the repairs will not be covered by the warranty. Storage in extreme cold can

(Continued)

Caution (Continued)

weaken the batteries. Keep the remote control stored in a cool, dry place.

Remote Control Buttons



POWER : Press to turn the RSE system on and off.

SOURCE : Press to select between Monitor 3, Monitor 4, or AV INPUT. Any video equipment connected to the AV inputs automatically overrides the source selection.

SETUP : Press to change the default settings. See "Using the RSE On-Screen Display (OSD) Menus" earlier in this manual. There are four main menu screens. Each screen displays a menu to select different setting options. The screens are :

1. General Setup — adjusts screen settings.
2. Audio Setup — sets the language.
3. Preference Screen — sets the subtitles and parental controls.
4. Password Setup — allows a password to be set.

Press SETUP again to exit.

EJECT ▲ : Press to eject or reload a disc.

DVD-Video Screen 3 : Press the DVD button located under 3 to transmit IR codes for DVD mode on Video Screen 3.

TV-Video Screen 3 : This button is not used with the system.

DVD-Video Screen 4 : Press the DVD button located under 4 to transmit IR codes for DVD mode on Video Screen 4.

TV-Video Screen 4 : This button is not used with the system.

SOUND AROUND ON/OFF : Press to turn the FM Transmitter power on or off.

MUTE ✕ (For DVD Only) : Press to turn off the headphone sound. Press again to turn the sound on again.

PIX (Picture Selection) : Press to adjust the picture's On Screen Display (OSD). Each time this button is pressed, the picture adjustment OSD cycles through bars for BRIGHTNESS, CONTRAST, COLOR, and TINT. Use the right/left navigation arrows to adjust the setting. This feature automatically shuts off if another button is pressed or adjustments are not made within six seconds.

SOUND AROUND SELECT : Press to select an FM transmitter channel. The SOUND AROUND SELECT lets the DVD audio play over the

vehicle's sound system by tuning the radio to one of the many FM frequencies.

MENU : Press to enter the DVD disc menu while the disc is playing.

▲, ▼, ◀, ▶ (Navigation Arrows) : Press to navigate through menus.

ENTER : Press to enter a selected function or to begin playback of the disc.

REPEAT ↺ : Press to repeat part or all of a chapter, title, track, or the entire disc after using the A-B button to setup repeat preset sections.

RETURN ↵ : This button is not used with the system.

A-B : This button is used to set up repeat preset sections. Press this button once while the disc is playing to select the starting position. Press a second time to select the end position. Press a third time to turn the function off. To view the preset section, press ↺.

AUTO MEMORY : This button is not used with the system.

SEARCH/SKIP : This button is not used with the system.

ERASE/ADD : This button is not used with the system.

R-S : This button is not used with the system.

TITLE : Press to enter the disc title mode. The title feature is disc-specific, and may not be available on all discs.

SUBTITLE : Press to change the subtitle language to another available language or to turn subtitles off.

ANGLE : Press to select a different viewing angle for discs that are recorded with different camera angles.

AUDIO : Press to select a different language for discs that are recorded with different languages.

0-9 (Numbers) : The numbers located on the lower left side of the remote control can be used to enter numbered menu options, channels, or track numbers.

GOTO : Press to enter the GOTO menu to choose a desired title, chapter, track, or song inside the disc.

DISPLAY : Press to scroll through display information on the upper left corner of the screen, such as title, chapter/track, time elapsed, and time remaining, or to turn off the display

PROGRAM : Press to edit a playback program containing desired titles in the DVD or tracks in the CD-DA.

RANDOM : Press to play titles randomly.

PLAY/PAUSE ▶ / || : Press to start playback of the disc, or to pause playback.

STOP ■ : Press to stop playback of a disc.

- To resume disc playback, press PLAY.
- To start playback from the beginning of the disc, press STOP, STOP, then PLAY.

ZOOM : Press to either enlarge the viewed image by 2X, 3X, and 4X, or reduce the image by 1/2X, 1/3X, and 1/4X.

PBC (Playback Control) : Press to turn video CD playback control on or off.

FR ◀◀ (**Fast Reverse**) : Press to fast reverse the disc. Press multiple times to choose between 2X, 4X, 8X, 16X, and 32X speeds.

FF ▶▶ (**Fast Forward**) : Press to fast forward the disc. Press multiple times to choose between 2X, 4X, 8X, 16X, and 32X speeds.

PREV ◀◀ (**Previous**) : Press to play the previous chapter or track. To return to previous chapters or tracks one at a time, press and release multiple times until the desired chapter or track is reached.

NEXT ▶▶ : Press to play the next chapter or track. To go to the next chapter or track one at a time, press and release multiple times until the desired chapter or track is reached.

Battery Replacement

To change batteries in the remote control :

1. Turn the remote control face down.
2. Press down on the ridged area of the battery cover and slide it off.
3. Install two AAA batteries into the battery compartment.
4. Slide the cover back on until it clicks.

If the remote control is to be stored for a long period of time, remove the batteries and keep it in a cool, dry place.

Playing Audio CD

When an audio CD is playing, the display shows the current track and the amount of time that track has been playing, the total amount of time on the disc, and the current time running on the disc.

DISPLAY : Press to choose from the following display options :

1. Press DISPLAY once and Single Elapsed appears along with the current track playing and the length of time for that track.
2. Press DISPLAY twice and Single Remain appears along with the current track playing and the amount of time left on the track.
3. Press DISPLAY three times and Total Elapsed appears along with the current track playing and the total time that has played on the CD.
4. Press DISPLAY four times and Total Remain appears along with the current track playing and the amount of time left on the CD.

REPEAT : Press to toggle between Track and All. The default for repeat is OFF.

- Track repeats the track that is playing.

- All repeats the disc that is playing.

Playing MP3 CD

MP3 is the format for storing digital audio. An audio CD quality song can be compressed into the MP3 format with very little loss of quality, while taking up much less space. CD-R/RW discs that have been encoded in MP3 format can be played on the DVD player.

Selecting Folders and Songs

When an MP3 disc is inserted in the player, the navigation screen appears. The folders and songs can be changed by navigating through the file system. The DVD player plays the songs in the order they were burned to the disc.

1. Press STOP if a disc is playing. Press the up or down navigation arrows on the remote control to go through the folder list on the left side of the screen.
2. Press ENTER when the desired folder is highlighted.

3. Press the up or down navigation arrows to go through the song list and highlight the desired song. Press ENTER to begin the playback of the selected song.

Skipping a Song

NEXT : Press to go to the next song.

PREV (Previous) : Press to return to the beginning of the song that is currently playing. Press PREV twice to go to the previous song.

Selecting a Play Mode

The order the songs are played can be temporarily chosen on a disc. The FOLDER play mode is the default. Press the REPEAT button to access the play mode options.

The play mode options are :

- Single — Play a selected song.
- Folder — Play the folder in the order the songs were recorded.
- Shuffle — Play the songs in random order, from within the selected folder.

Using the REPEAT Feature

REPEAT : Press to change between Repeat One and Repeat Folder.

- Repeat One — Repeats the song that is playing.
- Repeat Folder — Repeats the folder that is playing.

Tips and Troubleshooting

IR Sensor Inoperative : Check that the batteries are good in the remote control. Check that the remote Control IR Sensor is not blocked. Aim the remote control toward the IR Sensor being controlled. Select the correct screen, 3 or 4.

No Picture : Check that the correct video input mode is selected. Check that the video cable is plugged into the jack securely.

No Sound : Check that the correct audio input mode is selected. Check that the audio cable is securely plugged into the jack.

Cleaning the Video Screens

The video display screens are made of a specially coated glass and can be scratched or damaged by abrasive products, solvents, or ammonia-based window cleaners. Clean with a soft, lint-free, cotton cloth that has been slightly dampened with warm water. Dry the screens by wiping with a clean, dry, cotton cloth.

Cleaning the Components

Use care when touching or cleaning the components such as the DVD player or the discs.

Do not use DVD lens cleaners for DVD players because the lens of the DVD optics can become contaminated by lubricants.

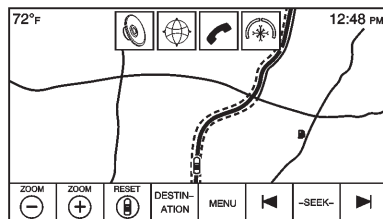
Handle CDs and DVDs carefully. Store them in their original cases or other protective cases and away from direct sunlight and dust. The DVD player scans the bottom surface of the disc. If the surface of a CD or DVD is damaged, such as cracked, broken, or scratched, the CD or DVD may not play properly or

not at all. If the surface of a CD or DVD is soiled, take a soft, lint-free cloth or dampen a clean, soft cloth in a mild, neutral detergent solution mixed with water, and clean it. Make sure the wiping process starts from the center to the edge.

Do not touch the bottom side of a CD or DVD while handling it; this could damage the surface. Pick up CDs or DVDs by grasping the outer edges or the edge of the hole and the outer edge.

Navigation

Using the Navigation System

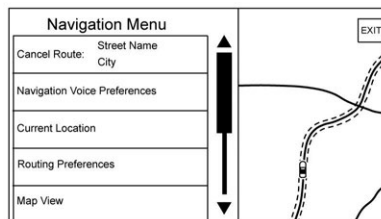


Touch the NAV button on the Home Page or the NAV icon in the applications tray to access the navigation application.

Touch MENU from the map view to access the Navigation Menu. Features displayed in the Navigation Menu can be selected to adjust navigation preferences.

To exit out of a list, touch the EXIT screen button in the top right corner of the map to return to the main map view.

It is advised to set up preferences before setting a destination. To set a destination, see *Destination* ⇨ 60.



Additional navigation features such as :

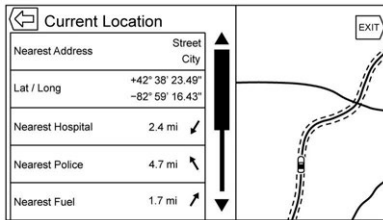
- Cancel/Resume To
- If equipped, Navigation Voice Preferences
- Current Location
- Map View
- Routing Preferences
- Display “Places of Interest” Icons
- Personal Data

Cancel/Resume Route

- While under route guidance, this screen button displays Cancel Route. Touch Cancel Route to cancel route guidance. No further prompts will be given. The list item then changes to Resume To.
- Touch the Resume To screen button to resume route guidance to the last entered destination.
- The last location that the system has provided guidance to can be resumed by touching on this list item.
- If the route includes waypoints, the entire route can be suspended using the Cancel Route list item. When Resume To is touched, all waypoints are resumed for guidance.

Current Location

Touch the Current Location list item to display a Current Location list.



The following information is displayed on the Current Location list :

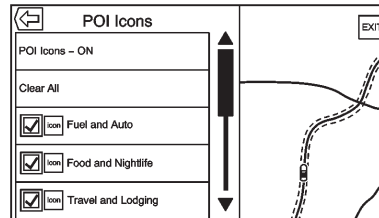
- Nearest Address
- Lat/Long
- Nearest Hospital
- Nearest Police
- Nearest Fuel
- Nearest Service

Touching on any of the options will display the destination details view for that location to allow you to begin guidance to the selected location.

Touch the Nearest Address button and then the Save screen button to store the current location to the Address Book.

Display Places of Interest Icons

Places of Interest (POI) icons can be displayed on the map using this view.



- The POI icons can be turned ON and OFF. Touch the check box next to the POI icon to display the icon.
- Touch Clear All to reset the icons that are displayed on the map.
- A subcategory can be selected instead of the entire category. Touch the list item itself rather than the check box. The subcategories will display. Select any of those categories to navigate down the hierarchy.

- When a higher-level category has some of its subcategories selected, the checkmark next to it is grayed out. This indicates that only some of the categories below are shown. Touch the grayed-out checkmark to turn all of the icons for that category on or off.

Map View



Touch to select the desired map view. A checkmark appears to indicate a view has been selected.

3D View

The 3D View is a Heading Up view but it includes perspective. Map items will appear larger as the vehicle comes closer.

Heading Up View

The Heading Up View keeps the vehicle's current heading at the top of the view. The vehicle icon always faces the top of the view as the map rotates.

North Up View

The North Up View keeps north at the top of the view. The vehicle icon is placed in the center of the view and rotates to indicate the heading for the vehicle.

Audio Information On/Off

Touch to turn the audio information view on or off from the main map view.

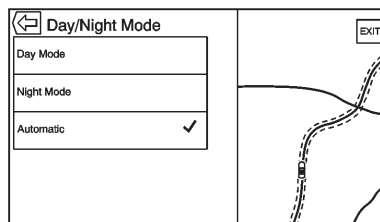
The audio status screen contains the following elements :

- Station Frequency
- Artist Information
- Song Information
- ► / || or ◀ / ► Station and Channel Controls

Touch the ◀ / ► Station controls to go to the next or previous strong signal station or digital channel.

When the audio status pane displays Artist and Song Information, touch the ◀ / ► controls to go to the next or previous track based on the current media mode.

Day/Night Mode



Touch to access the Day/Night Mode menu.

The options are :

- Day Mode : Brightens the map background.
- Night Mode : Darkens the map background.

- Automatic : Adjusts the screen background automatically depending on the exterior lighting conditions.

Routing Preferences

Touch the Routing Preferences list item to access the Routing Preferences menu. Options on how the routes are created for route guidance are listed on this menu.

Route Style

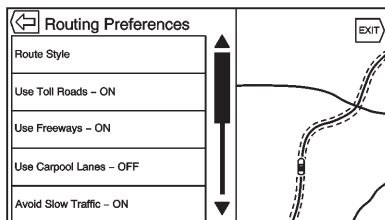
Touch this list item to change the route type preferences.

The options are :

- Fast (default)
- Eco Friendly (if equipped)
- Short
- Edit Eco Profile

The Edit Eco Profile can be used to configure two parameters for the Eco Friendly route. These parameters are roof load and trailer. For each parameter, the options are None, Small, Medium, and Large. Touch to scroll through the list. The default for both is None.

These preferences are used for all routes generated.

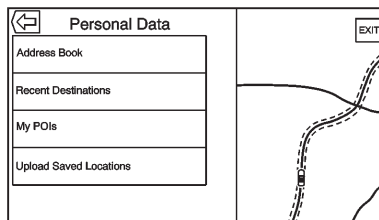


Route segment preferences are other options showing on the Routing Preferences menu.

These include :

- Use Toll Roads ON/OFF
- Use Freeways ON/OFF
- Use Carpool Lanes ON/OFF
- Avoid Slow Traffic ON/OFF
- Use Tunnels ON/OFF
- Use Time Restricted Roads ON/OFF

Personal Data



Data that the system has saved during the course of using the navigation system can be managed through :

- Address Book Entries
- Recent Destinations
- My POIs (if equipped)
- Upload Saved Locations

Address Book Entries

Touch Address Book to edit.

Recent Destinations

- Touch Delete Individual Destinations to display a recent destinations list. Select the individual entry to delete.

- Touch Delete All Destinations to delete the entire recent destination list. A pop-up displays asking to confirm the deletion.

My POIs

- Touch My POIs to display a menu of other options.
- Select Delete Individual Categories. A My POIs category list displays.
- Select the individual entry to delete.
- Touch Delete All My POIs to delete the entire list of categories. A pop-up displays asking to confirm the deletion.
- To exit out of a list, touch the EXIT screen button in the top right corner of the map to return to the main map view.

Upload Saved Locations

Touch to upload any saved locations such as downloaded POIs and all entries in the vehicle address book to the USB device.

- Touch Upload Saved Locations to save the Vehicle Contacts list and any My POIs that have been saved to the vehicle.
- Once saved locations have been uploaded to a USB, they can be transferred to a different vehicle or restored to the current address book.

Map Adjustments

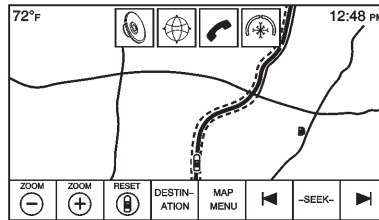
ZOOM -/+ can be used to adjust the scale of view on the map. When the end of the zoom level is reached, ZOOM -/+ will gray out.

Use the pinch/spread hand gesture to zoom the scale of view on the map.

- ZOOM - (minus) : Pinch fingers together to zoom out.
- ZOOM + (plus) : Spread fingers apart to zoom in.

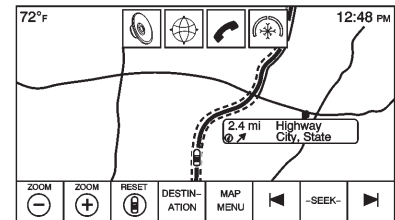
The zoom scales can be configured for English or metric units. To change from English to metric, see "Instrument Cluster" in the owner manual.

Scroll Features



- To scroll within the map, touch anywhere on the map screen.
- Nudge or slide a finger on the map; the map moves in the direction of the finger.
- Fling a finger on the map; the map will start scrolling in a short continuous scroll.
- Touch a finger on the location on the map; the map recenters to the location that was touched on.
- Touch a finger twice on a location on the map; the map zooms in one level to the location that was touched twice on.

- When the map is recentered away from being locked to the vehicle position, the crosshairs will show in the center of the map. As the map continues to be recentered, the crosshairs will remain on the screen. When the crosshairs are shown on the screen, a callout with more information displays. If the map is moved from the current location, the crosshairs will disappear along with the callout.



- Touch a finger on the callout next to the crosshairs and the destination details view displays. From this view, route guidance can be received or saved to the vehicle's contact list.

- When the map is recentered, the straight-line distance from the vehicle to the selected point is displayed in the callout. In addition, a heading direction in the form of an arrow is displayed to indicate the direction. The arrow is shown in relation to the current vehicle heading.
- Touch a finger on a POI icon shown on the map; the name of the POI is shown in the address callout, along with the city name and country. If the callout is selected, the destination details view for the POI is shown.
- After panning the map away from the vehicle, touch RESET to return the map back to the current position.
- Touch the Overview button to quickly get a view of the entire route. The route Overview button takes the place of the RESET button while under route guidance. Touch the RESET button to return the map to the current position.

Maps

The map database is stored in the internal flash memory 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 Places of Interest (POIs) such as restaurants, airports, banks, hospitals, police stations, gas stations, tourist attractions, and historical monuments. The map provided may not contain updates of newly constructed roads or monuments or any other points of interest (POI) due to the geographical data compilation lead time. GM may or may not release periodic updates to the map data and if available, the customer can visit the nearby authorized dealer for map update with applicable charges.

Navigation Symbols

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



or



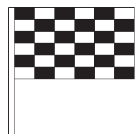
The vehicle symbol indicates the current position and heading direction of the vehicle on the map. When under route guidance, a circle with an arrow is added to the vehicle symbol which indicates the direction to the destination.

Vehicle Address Callout

Tap on the vehicle icon for the current address of the vehicle to overlay on the map next to the vehicle icon in a callout. Another tap hides the information.

Any address information about the vehicle's current location will be shown, including the street and city names.

Tap on this callout to save the current address to the vehicle address book.

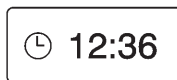


The destination symbol marks the final destination after a route has been planned.



The waypoint symbol marks one or more set waypoints.

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



The estimated time to the destination displays. Touch the Arrival button to toggle between duration and distance to destination.



This symbol indicates the recommended maneuver that should be performed. Touch it to display the turn list or waypoint list.



The No GPS symbol appears when there is no Global Positioning System (GPS) satellite signal. When the GPS is gone, the vehicle position on the map may not be accurate.

Autozoom

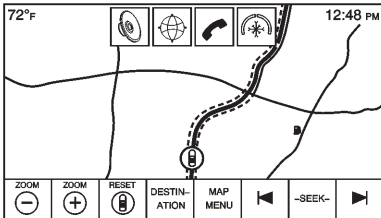
As a maneuver is being approached, the map automatically zooms in to give greater detail.

If lane guidance is available for the maneuver, this is also shown.

When the system begins to autozoom, it zooms in to its minimum level. After the maneuver is performed, the system slowly zooms back out.

Destination

If route guidance is not active, touch the NAV screen button on the Home Page to access the map view. Touch the Destination icon from the map view to enter a destination. Available methods of entering a destination are Address, Recent Destination, Contacts, and POIs. Several options can be selected to plan a route. Some destination items may be grayed out if no destination was previously entered or saved.



Touch the DESTINATION button to go to the destination entry views.

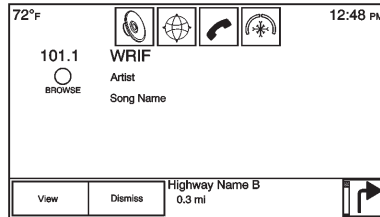
Available Methods of Search

- Address

- Recent Destinations
- Contacts
- POIs (Points of Interest)

Touch the DESTINATION button and the last used destination view is shown. This mode is retained. The initial default is Address.

Navigation Next Turn Maneuver Alert



The navigation system may need to get the attention of the driver in certain situations.

If not in the navigation application when a near maneuver prompt is given, it is shown as an alert. The alert contains the turn indicator and button to display the main navigation view, or dismiss the alert.

The alert also contains the name of the street to turn on and a countdown bar.

Alpha-Numeric Keyboard

The keyboard is used in multiple locations throughout the system and can be used with many features. The navigation system uses the alpha-numeric system keyboard which includes 1 through 0, A through Z in QWERTY layout, hyphen, comma, period, Space, and Sym which would show additional characters needed.

The keyboard is specific to the set language.

✓ **GO** : Touch to search for the destination details of an address or place of interest entered in the text field. Once the GO screen button is touched, the activity indicator displays in the list of possible matches.

▽ (**Dropdown Arrow**) : Touch to display a list of matches.

When there are multiple matches, a dropdown arrow is shown after the autocomplete text. This dropdown

displays an entire list of matches. Touch the appropriate match without having to enter more text.


X (Delete) : Touch to delete the last typed character. Touch and hold this screen button to clear the entire text field. If the entire text field has been deleted, this screen button becomes an Undo button. Touching Undo will restore the deleted text.

Exit : Touch to return to the previous Map view.

Sym : Touch to show the symbol keyboard.

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

▲ (Up Arrow) : Touch to display the Interaction Selector.

 : Touch to switch between Alpha-Numeric Keyboard and Character Recognition.

Special Characters

As the characters are typed on the keyboard, a pop-up of the letter touched displays above the key that was touched.

Continue to touch and hold, and any additional special characters associated with that letter are displayed around the current letter. To select one of the special characters, slide a finger left or right to adjust the highlight of the special character.

Special Character List

The following characters have special characters beneath them :

E - É	É	É	É	É	É	É	É	É	É	More Characters:
Y - Ÿ	Ÿ									0 - °
U - Ů	Ů	Ů	Ů	Ů	Ů					! - ¡
I - Ĩ	Ĩ	Ĩ	Ĩ	Ĩ	Ĩ					\$ - ¥
O - Ø	Ø	œ	ø	ó	ò	ô	õ			& - §
A - Ä	Ä	Å	Æ	Ä	Å	Ä	Å			" - «»
S - ß	(for lowercase s)	Š	š							? - ¿
L - Ł	ł									(- {
Z - Ż	ż) - }
C - Ć	ć									.com - .net .org
N - Ń	ń									
.	...									

Character Handwriting Recognition

Character handwriting recognition is offered as an alternative to using a keyboard. This character input method allows the drawing out of characters instead of picking them out from the keyboard. Character

handwriting recognition has two main modes, Upper Case and Mixed Case. The Upper Case mode is used for Destination Entry while Mixed Case is used for all other character entry modes. This feature is available by touching the globe button from the keyboard screen.

The Handwriting Recognition screen is split into different zones :

- **Drawing Pad** : This is the area to draw a character. Draw a character in the display area.


When the first character is complete, a representation of that character can be seen, and there is an audible response. If the character is correct, the next character can be started immediately.

- To delete the last entered character, draw a line from left to right across the character field.
- To create a space, draw a line from right to left across the character field.

- **Prioritized Guess List** : This area displays a list of guesses for the character drawn. If character recognition displays the incorrect character, look at this list and see if the desired character is available to select. Scroll up or down the list, then highlight the desired character. Selecting a character from the list will replace the incorrect character with the desired character. The character is displayed in the character entry section of the screen.
- **Character Entry** : This is the area across the top of the screen. This section can look different depending on which feature is being used.

Option Settings

This section is an area on the right side of the Character Recognition screen. This section will only look different if the characters displayed on the screen are in Upper Case or Mixed Case.

-  **(Draw Speed Setting)** : Select from the touch screen. The draw speed setting will adjust the speed of the character recognition feature. The settings are Faster, Default, and Slower.
- **Audio Feedback** : Touch to turn Audio Feedback On or Off. Audio Feedback is an audible response to an action that has occurred while using Character Recognition.
- **ABC/abc (Character Set)** : Select from the touch screen to view the available character sets. Select a character set to change. Multiple character sets may not be supported by some regions. This button also displays the sentence case of upper or lower case characters that are currently active in a mixed case mode. If only one character set is available for the desired region, touching the character recognition will only open and close the character recognition window.

If mixed case character mode is supported, the last buttons of character recognition will be upper and lower case.

Creating and Downloading Predefined POIs (My POIs)

In addition to the POIs already stored in the infotainment system, predefined POIs can be created.

While creating a predefined POI, the GPS coordinates for longitude and latitude of the POI's location and a descriptive name will need to be entered.

After creating the predefined POIs, they can be downloaded to the infotainment system from either a USB stick or SD card.

Once downloaded, the POI data becomes a selectable destination in the My POIs menu.

Creating a Text File with Information

Create a text file by using a simple text editor software. Save this file with a name and extension of .csv, for example, "TomsPOI.csv."

Enter the POI information into the text file in the following format :

- Longitude coordinate, Latitude coordinate, "Name of POI," "Additional information," "Phone number."

Example : 7.0350000,
50.6318040, "Michaels Home,"
"123 Maple Lane,"
"02379234567."

- The GPS coordinates must be expressed in decimal degrees and can be taken from a geographical map. The additional information and phone number strings are optional.
- The POI name and the additional information string may not exceed 60 characters.
- POI information for each destination address must be entered in a single separate line.

Storing the POI on a USB Drive

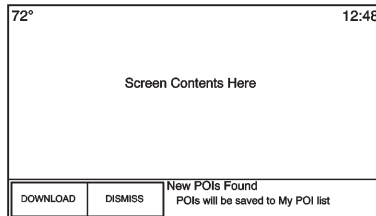
In the root directory of a USB drive, create a folder name "myPOIs," for example, "F:\\" is the root directory of the USB drive.

In the "myPOIs" folder, store the text file with your POIs, for example, "F:\myPOIs\TomsPOIs.csv."

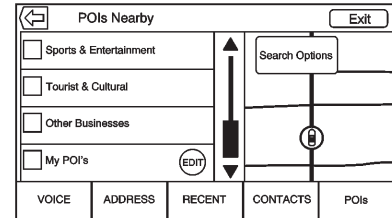
Downloading the POI to the Infotainment System

Connect the USB drive or SD card containing the POI information to the USB port or SD card slot of the infotainment system. A message displays prompting whether or not to download the POI information from the USB stick. All POIs found are saved even if they are in multiple folders.

Subfolders can also be created to organize the POIs into categories. For example, "F:\myPOIs\Restaurants\TomsPOIs.csv."



If the message is dismissed or ignored, no POI information is downloaded. This prompt will not reoccur for the current ignition cycle.



When the system is finished downloading, a pop-up displays asking to specify a category for the new POIs, if desired.

Importing and Overwriting Categories

When POIs are found on a media device, the date of the file is examined and compared to the date for the files already in the system. If the file being downloaded is newer than the one on the system, that particular category of POIs is

overwritten. Any other POIs that had previously been saved in other categories are not affected.

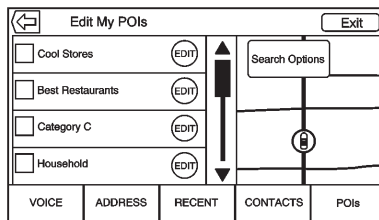
Address Book Download

If an Address Book is found on the connected USB device, the same alert is used to indicate that locations have been found and they can be downloaded. If there is already content in the vehicle Address Book, the system prompts if the stored content should be overwritten. Select Save to overwrite the existing Address Book information. Select Cancel to abort the import of information.

Browsing Downloaded POIs

Access the downloaded POIs by selecting the My POIs list item in the POIs list.

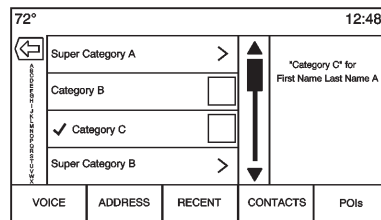
Edit My POIs



Downloaded POIs can be edited at a category level. These POIs can either be deleted as an entire category or be reassigned as another category. To edit the categories :

- Select the Edit button at the main category view to edit the POIs. Edit buttons display next to each category name. There is no POI browsing in this mode, only edit functions are available.
- Once an action such as deleting or reassigning has been selected, the changes are saved immediately.

Changing POI Categories



POI categories can be assigned to a different category by using the same method as assigning a category for an Address Book entry. When editing, the right side of the screen displays the current category name.

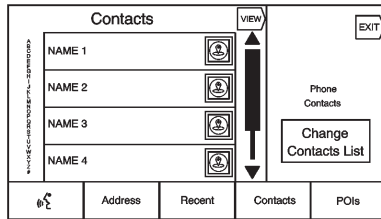
Deleting POI

POI categories can be deleted by selecting Edit and then Delete. A pop-up displays to confirm the deletion.

Saved Destinations

Select a saved destination from the Contacts or Recent Destinations.

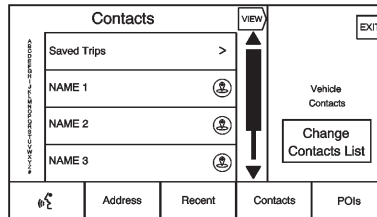
Contacts



Select the Contacts button to view the vehicle's contact list or a connected Bluetooth device. Touch the Change Contacts List screen button to switch between the vehicle's contact list and the Bluetooth device's contact list. If a particular contact has a single address associated with it, that contact has a Quick Route list item function button next to it. Contacts without this Quick Route button either have multiple addresses or no address at all. Touch the Quick Route button to go to the Destination Details view.

Touch on an address, either from the Quick Route on the contact list or a specific address from the

contact detail list, to go to the destination view showing that address on the map.



Trips from Contacts can be saved and recalled. The order is based on when the trip was last used. When the trips are saved, they are given a default title of the final destination name. If there are no saved trips, this list item is hidden.

Favorite Destinations

- Destinations can be saved as Favorites for recall later. Depending on the favorite, when an address or POI favorite is recalled, the Destination Details View is shown.

- When a favorite address is being routed to, it is shown active. Touch on the active favorite, to suspend that route.
- Save locations as Favorites for recall later in the Destination Details View.
- Save trips from the Address Book.

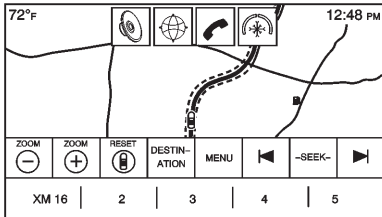
Storing Favorites from the Contact Details List

A contact name or any of the contact's information such as phone number, e-mail address, or address from Contact Details can be stored as a Favorite.

- touch and drag up on the row of Interaction Selector buttons to reveal the Favorite buttons.
- Touch and hold on the favorite location while viewing a contact on the Contact Details List. The contact name and all contact information can be stored.
- Touch to save as a favorite. The favorite label will be the name of the contact.

- Touch on the Favorite to display the destination view.

Storing Favorites from the Map

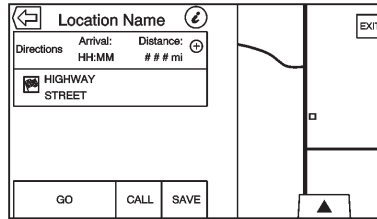


Favorite locations can be stored from the Map View.

If not under route guidance, the current vehicle location will be saved as a Favorite. If under route guidance, the final destination will be saved.

Touch and drag up on the row of Interaction Selector buttons to reveal the Favorite buttons. Touch and hold on the favorite location from the Map View to save it.

Route Guidance



- Touch GO to go to the main navigation view and to start route guidance.
- If the system has an active route, a pop-up will display, "What would you like to do with this destination?" The options are : Add As Waypoint, Set New Destination, or Cancel.
- If a waypoint is added, it is placed in the location that leads to the most efficient route.
- There is a maximum number of waypoints that can be added to the system. When the maximum number of waypoints has been reached, a pop-up displays indicating that a waypoint must

first be deleted before a new one can be added. The system will hold this waypoint into a Pending Waypoints list and will automatically be added to the route once a position is available, either by arriving at a waypoint, or by deleting one.

- To save a location, tap on the ▲ to display the Favorite buttons. Touch and hold on a favorite location to save the shown location as a Favorite.

Estimated Time of Arrival (ETA) and Distance

- When under route guidance, the system shows the ETA or travel time, or the driving distance.
- The ETA and travel time are calculated using any available traffic information.
- If in a waypoint trip, the ETA, travel time, and driving distance are all shown relative to the final destination.

- The final ETA is shown taking into consideration any time zone crossings that the route has traveled through.
- Touch the ETA information area to switch between the estimated arrival time, total driving time resulting, and driving distance.

Turn List

Touch on the next turn indicator shown on the map to display the turn list or waypoint list. The Interaction Selector is minimized automatically. Touch ▲ to reveal the following options :

Destination

Touch the Destination screen button to add a waypoint or change the destination while viewing the turn list. When the Destination screen button is touched, the display shows the Destination screens.

End Guidance

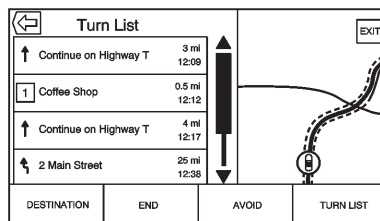
Touch the End screen button to suspend the current route in the turn list. When the End screen button is

touched, the turn list is exited and the display returns to the main map view.

Avoid Areas

Touch the Avoid Areas screen button to select the highway name that is to be avoided. The system shows a pop-up asking how many miles or if the entire road should be avoided.

Turn List



- When under a waypoint trip, touch on the Turn List Interaction Selector button to show the turn list. When entering a turn list, the next maneuver instruction is spoken.

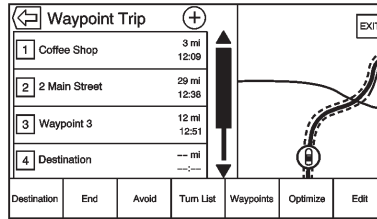
- The turn list title is the name or address of the destination. Touch on the information button next to the name of the destination to display the destination information.
- The turn list is sorted in order with the next maneuver at the top of the list and the subsequent maneuvers listed below it. The next maneuver is always highlighted upon entry into the Turn List to quickly show what the next maneuver is.
- Each maneuver indicates the distance between it and the previous maneuver or the vehicle's current location. The next maneuver at the top will count down until the maneuver is reached, and then the next maneuver will begin to count down.
- Each maneuver has an estimated time of arrival based on the current driving conditions.

Saved Trips

Waypoint trips can be saved for later recall. Touch the Add button in the waypoints list to save the trip to the Saved Trips list in the vehicle's contacts list. When trips are saved, they are given a default title of the final destination. Saved trips can be edited by selecting the Edit list item for the saved entry. The only field that can be edited is the name field. Touch on the name field to access the keyboard view. Type the name change. This change is automatically saved when executed by the keyboard.

The saved trip can also be deleted from the edit mode. Touch the delete button and a delete confirmation pop-up will display.

Waypoints



- When under a waypoint trip, touch on the next turn indicator to bring up the waypoint list. The last waypoint view is shown, which could be Waypoints, Turn List, or Edit.
- The waypoint list is sorted in order with the next waypoint at the top of the list. Each waypoint is indicated with a numbered icon, starting with the next waypoint.
- To indicate what segment of the route is for the next waypoint, and what is for the remainder of the route, they appear in different colors.

Optimized Route

- Touch the Optimize screen button to optimize the current waypoint trip.
- The optimization is done according to how the preferences are set for new routes, for example, fastest route, shortest distance, or eco friendly.
- While the system is optimizing the route, the waypoint trip has the activity indicator displayed over top of it. If the system is calculating the ETA and travel distance for a waypoint, the activity indicator is displayed in the list header.
- When either a waypoint trip is first created, or additional waypoints are added to an existing waypoint trip, they are added in the location that would lead to an optimized route.

- If a destination is already planned and a waypoint is added, it is either added before or after the current destination, whichever leads to the most optimal route.
- If under an existing waypoint trip consisting of two or more destinations, any additional waypoints are added in the location that would lead to the most optimal route.

Edit Route

- Touch the Edit screen button to modify the order or remove a waypoint from the route. Touch the delete screen button to remove a waypoint from the route.
- A pop-up displays asking for confirmation of the waypoint deletion.

Global Positioning System (GPS)

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

At times, other interference such as the satellite condition, road configuration, condition of the vehicle, and/or other circumstances can affect 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 GPS Satellites. When the vehicle is not receiving signals from the satellites, a symbol appears on the map screen. See *Navigation Symbols* ⇨ 58.

This system might not be available or interference 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* ⇨ 70 and *If the System Needs Service* ⇨ 71.

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* ⇨ 58.

To recalibrate the vehicle's position on the map, park with the vehicle running for two to five minutes, until the vehicle position updates. Make sure the vehicle is parked in a location that is safe and has a clear view of the sky and away from large obstructions.

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.

See *Problems with Route Guidance* ⇨ 70 for a listing of steps that should be followed before contacting your dealer.

Map Data Updates

The map data in the vehicle is the most up-to-date information available when the vehicle was produced. The map provided may not contain updates of newly constructed roads or monuments or any other points of interest (POI) due to the geographical data compilation lead time. GM may or may not release periodic updates to the map data and if available, visit the nearby authorized dealer for map updates with applicable changes.

For questions about the operation of the navigation system or the update process, contact your dealer.

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 that previously had limited detail. See *Map Data Updates* ⇨ 71.

Phone

Bluetooth (Overview)

The Bluetooth-capable 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 system.


- Pair cell phone(s) to the vehicle. The system may not work with all cell phones. See "Pairing" in this section.


Vehicles with a Bluetooth system can use a Bluetooth-capable cell phone with a Hands-Free Profile to make and receive phone calls. The infotainment system is used to control the system. The system can be used while in ON/RUN or ACC/ACCESSORY. The range of the Bluetooth system can be up to 9.1 m (30 ft). Not all phones support all functions and not all phones work with the Bluetooth system. See www.gm.com/bluetooth for more information about compatible phones.

Controls

Use the buttons on the infotainment system and the steering wheel to operate the Bluetooth system.

Steering Wheel Controls

 **(Push to Talk)** : Press to answer incoming calls.

 **(End Call)** : Press to end a call, decline a call, or cancel an operation. Press to mute or unmute the infotainment system when not on a call.

Infotainment System Controls

For information about how to navigate the menu system using the infotainment controls, see *Introduction* ⇨ 2.

PHONE : Press this screen button to enter the phone main menu.

Audio System

When using the Bluetooth phone system, sound comes through the vehicle's front audio system speakers and overrides the audio system. Press just above the chrome volume bar during a call to change the volume level. The adjusted volume level remains in memory for later calls. The system maintains a minimum volume level.

Bluetooth (Infotainment Controls)

For information about how to navigate the menu system using the infotainment controls, see *Introduction* ⇨ 2.

Pairing

A Bluetooth-enabled cell phone must be paired to the Bluetooth system and then connected to the vehicle before it can be used. See the cell phone manufacturer's user guide for Bluetooth functions before pairing the cell phone.

Pairing Information

- A Bluetooth phone with music capability can be paired to the vehicle as a phone and a music player at the same time.
- Up to 10 devices can be paired to the Bluetooth system.
- The pairing process is disabled when the vehicle is moving.

- Pairing only needs to be completed once, unless the pairing information on the cell phone changes or the cell phone is deleted from the system.
- If multiple paired cell phones are within range of the system, the system connects to the paired cell phone in the order that they were last used in the system. To link to a different paired phone, see "Linking to a Different Phone" later in this section.

Pairing a Phone

1. Touch the PHONE screen button.
2. Select PHONES and select Pair Device.
3. A four-digit Personal Identification Number (PIN) appears on the display. The PIN, if required, may be used in Step 5.
4. Start the pairing process on the cell phone to be paired to the vehicle. See the cell phone manufacturer's user guide for information on this process.

5. Locate "Cadillac CUE" on the display. Follow the instructions provided in Step 3 on the cell phone to enter the PIN or confirm the six-digit code shown on the display. After the PIN is successfully entered or the code is confirmed, the system responds with "<Device name> has been successfully paired" when the pairing process is complete.
6. If "Cadillac CUE" does not appear, turn the phone off or remove the phone battery and retry.
7. If the phone prompts to accept connection or allow phone book download, select Always Accept and Allow. The phone book may not be available if not accepted.
8. Repeat Steps 1–7 to pair additional phones.

Listing All Paired and Connected Phones

1. Touch the PHONE screen button.

2. Select PHONES.

Disconnecting a Connected Phone

1. Touch the PHONE screen button.
2. Select PHONES.
3. Touch the **X** next to the phone to disconnect.

Deleting a Paired Phone

Only disconnected phones can be deleted.

1. Touch the PHONE screen button.
2. Select PHONES.
3. Touch the \ominus next to the phone to delete and follow the on screen prompts.

Linking to a Different Phone

To link to a different phone, the new phone must be in the vehicle and paired to the Bluetooth system.

1. Touch the PHONE screen button.
2. Select PHONES.

3. Select the new phone to link to from the not connected device list.

Switching to Handset or Handsfree Mode

To switch between handset or handsfree mode, touch the PHONE icon on the Home Page to display "Call View."

- While the active call is hands-free, touch the Handset screen button to switch to the handset mode. The screen button changes to Handsfree once the Bluetooth device confirms it is operating as handset.
- While the active call is on the handset, touch the Handsfree screen button to switch to the hands-free mode. The screen button changes to Handset once the Bluetooth device confirms it is operating as hands-free.

Making a Call Using Contacts and Recent Calls

Calls can be made through the Bluetooth system using personal cell phone contact information for all phones that support the Phone Book feature. Become familiar with the phone settings and operation. Verify the cell phone supports this feature.

When supported, the Contacts and Recent Calls menus are automatically available.

The Contacts menu accesses the phone book stored in the cell phone.

The Recent Calls menu accesses the recent call list(s) from your cell phone.

To make a call using the Contacts menu :

1. Touch the PHONE screen button.
2. Select CONTACTS.
3. Select the name to call.
4. Select the desired contact number to call.

To make a call using the Recent Calls menu :

1. Touch the PHONE screen button.
2. Select RECENT.
3. Select the name or number to call.
4. If necessary, select between Missed, Recent, and Sent calls by selecting the View button in the top right corner of the list.

Making a Call Using the Keypad

To make a call by dialing the numbers :


1. Touch the PHONE screen button.
2. Select KEYPAD and enter a phone number.
3. Select Call to start dialing the number.

Accepting or Declining a Call

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


Accepting a Call

There are three ways to accept a call :

- Press  on the steering wheel controls.
- Touch Answer on the center stack display.
- Press Answer on the instrument cluster using the select button.

Declining a Call

There are three ways to decline a call :


- Press  on the steering wheel controls.
- Touch Ignore on the center stack display.
- Press Ignore on the instrument cluster using the select button.

Call Waiting

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


Accepting a Call

There are three ways to accept a call-waiting call :

- Press  on the steering wheel controls.
- Touch Switch on the center stack display.
- Press Switch on the instrument cluster using the select button.

Declining a Call

There are three ways to decline a call-waiting call :

- Press  on the steering wheel controls.
- Touch Ignore on the center stack display.
- Press Ignore on the instrument cluster using the select button.

Switching Between Calls (Call Waiting Calls Only)

To switch between calls, touch the phone icon on the Home Page to display "Call View." While in Call View, touch the call information of the call on hold to change calls.

Three-Way Calling


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

To start a three-way call while in a current call :

1. In the Call View, select Add to add another call.
2. Initiate the second call by selecting from RECENT, CONTACTS, or KEYPAD.
3. When the second call is active, touch the merge icon to conference the three-way call together.
4. Once all calls are merged, the merge icon button becomes an unmerge icon button. Touch to unmerge the calls.

Some wireless service carriers may not allow a merged call to become unmerged.

Ending a Call

- Press  on the steering wheel controls.

- Touch End on the center stack display to end all existing calls, or press End next to a call to end only that call.
- Press End on the instrument cluster using the select button.

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. Touch the PHONE screen button.
2. While in the Call View, touch the up arrow to raise the Interaction Selector.
3. Select KEYPAD and enter the number.



Text Messaging

If equipped, the infotainment system may allow text messages to be received and replied to. Received messages can also be read aloud.

Before using the text messaging feature, check GMTTotalConnect.com to see if the phone is compatible.

Text Menu

Inbox : Touch to display incoming messages. To view a message, touch on the name of the sender.

Touch  to listen to the text message. Touch the  Back screen button to go back to the previous menu.

Settings : See “Text Settings” later in this section.

Reply : Touch to reply using a predefined text message. See “Text Settings.”

Call : Touch to place a call to the sender of the text message.

Viewing a Text Message

While viewing a text message :

- Touch Reply to reply using a predefined text message.
- Touch Call to place a call to the sender of the text message.

Viewing Sender Information

If equipped, touch the name of the sender to view sender information if this information matches contact information already stored.

Select a Predefined Message :

Touch to select from a set of quick messages. Touch the message to send.



Predefined Messages

These are short text messages that can be used to send so responses will not have to be typed.

The messages can be deleted or a new message can be added.

To add a new message :

1. Touch Text Settings, then touch Manage Predefined Messages.
2. While in the predefined messages list view, select Add New Predefined Message and a keyboard displays.

3. Type a new message and touch NEW MSG when done to add the message. Touch the  Back screen button to go back to the predefined messages list. touch  to delete one character at a time.

Memory Full

This message may display if there is no more room on the phone to store messages.

Text Settings

Text Alerts : When on, this feature will display an alert when a new text message has been received. Touch to turn on or off.

Manage Predefined Messages :

Touch to add, change, or delete predefined messages.


Settings

The Settings Menu allows adjustment of different vehicle and radio features. The menu may contain the following :

Time and Date

See “Clock” in the owner manual.

Language

This will set the display language in the radio and instrument cluster. Touch Language and select the appropriate language. Touch the  Back screen button to go back to the previous menu.

Valet Mode (If Equipped)


This will lock the infotainment system, steering wheel controls, and steering column. It will also limit top speed, power, and access to vehicle storage locations. The storage behind the infotainment system can still be accessed manually.

To access :

1. Enter a four-digit code on the keypad.

2. Touch Enter to go to the confirmation screen.
3. Re-enter the four-digit code.


Touch LOCK to lock the system.

Touch  Back to go back to the previous menu.



Radio

Touch to display the Radio Menu and the following may display :

- **Manage Favorites** : Touch a displayed Favorite to select that favorite to edit. Touch Rename to rename the favorite or Delete to delete it. Touch and hold the station to drag it to a new location. Touch Done to go back to the previous menu.
- **Number of Favorites Shown** : Touch to set the number of favorites to display. Select Auto, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, or 60. Auto will automatically add or hide additional Favorite pages based on the number of Favorites

stored. Touch the  Back screen button to go back to the previous menu.

- **Tone Settings** : Touch + or – to adjust Bass, Midrange, Treble, or Surround. See *AM-FM Radio* ⇨ 10.
- **Tag Song** : Touch to tag song information, including artist and title, to transfer to an iPod®. See *AM-FM Radio* ⇨ 10.
- **Timeshift**: Timeshift is the recording of a radio station for up to 25 minutes. See “Timeshifting (If Equipped)” under *AM-FM Radio* ⇨ 10.
- **Auto Volume** : If equipped, this feature adjusts the volume based on the vehicle speed. See *AM-FM Radio* ⇨ 10.
- **Bose AudioPilot noise compensation technology (If Equipped)** : This feature adjusts the volume based on the noise in the vehicle and speed. See *AM-FM Radio* ⇨ 10.


- **Maximum Startup Volume** : This feature sets the maximum startup volume. If the vehicle is started and the volume is greater than this level, the volume is adjusted to this level. To set the maximum startup volume, touch + or – to increase or decrease. Touch the  Back screen button to go back to the previous menu.
- **Audio Cue Volume (If Equipped)** : This feature adjusts the startup and shutdown sounds. To adjust the volume, touch + or – to increase or decrease. This feature can be turned on or off. Touch the  Back screen button to go back to the previous menu.


Vehicle Settings

See “Vehicle Personalization” in the owner manual.

Bluetooth (If Equipped)



From the Bluetooth screen button, the following may be displayed :

- **Pair New Device** : Touch to add a new device.
- **Device Management** : Touch to connect to a different phone source, disconnect a phone, or delete a phone.
- **Ringtones** : Touch to change the ring tone for the specific phone. The phone does not need to be connected to change the ring tone.
- **Voice Mail Numbers** : This feature displays the voice mail number for all connected phones. To change the voice mail number, touch the EDIT button, type in the new number, and touch SAVE. Touch the  Back screen button to go back to the previous menu.
- **Text Message Alerts (If Equipped)** : This feature will turn text message alerts on or off. Touch Text Message Alerts and then select OFF or ON. Touch

the  Back screen button to go back to the previous menu. See *Text Messaging* ⇨ 76.

Display

From the Display screen button, the following may be displayed:

- **Mode** : Touch Auto, Day, or Night to adjust the display. Touch the  Back screen button to go to the previous menu.
- **Calibrate Touchscreen** : Touch to calibrate the touchscreen and follow the prompts. Touch the  Back screen button to go back to the previous menu.
- **Turn Display Off** : Touch to turn the display off. Touch anywhere on the display area or any faceplate button again to turn the display on.




Rear Camera (If Equipped)

Touch to display the Rear Camera menu. See “Driver Assistance Systems” in the owner manual.

Return to Factory Settings

Touching Continue restores all factory settings.

Select Return to Factory Settings and the following list may display :

- **Restore Vehicle Settings :**
Restores factory vehicle personalization settings. Touch Restore Vehicle Settings. Touch Cancel or Continue. Touch the  Back screen button to go back to the last menu.
- **Clear All Private Data :** Clears all private information. Touch Clear All Private Data. Touch Cancel or Continue. Touch the  Back screen button to go back to the last menu.
- **Restore Radio Settings :**
Restores factory radio settings. Touch Restore Radio Settings. Touch Cancel or Continue. Touch the  Back screen button to go back to the last menu after the confirmation screen has completed.

English and Metric Unit Conversion

To change the display units between English and metric units, see “Instrument Cluster” in the owner manual.

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Make : BOSCH

Mode I: NG111 HMI; NG 2.0, 2.5 HMI

NOM-121-SCT1-2009

ID : RCPBONG12-0725

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



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Schedule I : Gracenote EULA (If Equipped)



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