

Welcome!



**NATIONAL
CORVETTE
MUSEUM**

"a member driven 501(c)(3)
nonprofit foundation"

Our trip to Disney World



Introduction to the 2014 Corvette Stingray Infotainment system.



Chevrolet MyLink™

Awards

- ▶ 2013 CES (Consumer Electronics Show) C/net Best of Show.



- ▶ 2013 CTIA (Cellular Telecommunications Industry Association) 2013 Emerging Technology Award, 1st place mobile apps, automotive Navigation and Safe Driving.



Components of the 2014 Stingray Infotainment system



Overview

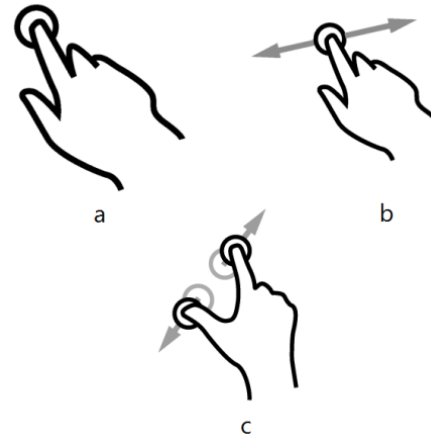
- ▶ Two 8" 720p HD displays.
- ▶ 650 NIT screen in the instrument panel, 1,000 NIT screen in the center display. (iPad 4 White level brightness is 407 NITS for comparison.)
- ▶ Multi-touch center display navigation, hard keys and a four way selector switch on the steering wheel for navigation of the IP.
- ▶ Hard keys available for Power/Volume/Mute, Radio modes, Media ports, Home screen, Menu functions, Seek/Track advance and a Back button. Also retained hard key functionality for climate controls.
- ▶ Connectivity available via three USB ports, one SD Media port, 3.5mm auxiliary port and Bluetooth streaming.

Here's what 650 NITS looks like....



System interface

Example multi-touch gestures

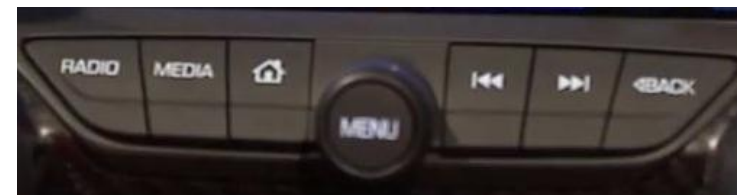


In addition to the multi-touch screen

- Steering wheel 4 way switch
- SEL button for acknowledging selections and alerts
- Use the arrows for navigating menus.



- Multi touch, Hard keys and Menu selection button.
- Use hard keys for direct access to features.
- Rotate outer ring on menu button to scroll menus



System controls

Cruise control

Voice control / Call function



Favorites +/-

Volume +/-

4 Way / Select

Chevrolet MyLink™



- ▶ Multi-touch user interface.
- ▶ Applications for Audio, Phone, Weather, Pandora, Onstar, Navigation (optional) and Settings.
- ▶ Open source – more applications can be added over time.

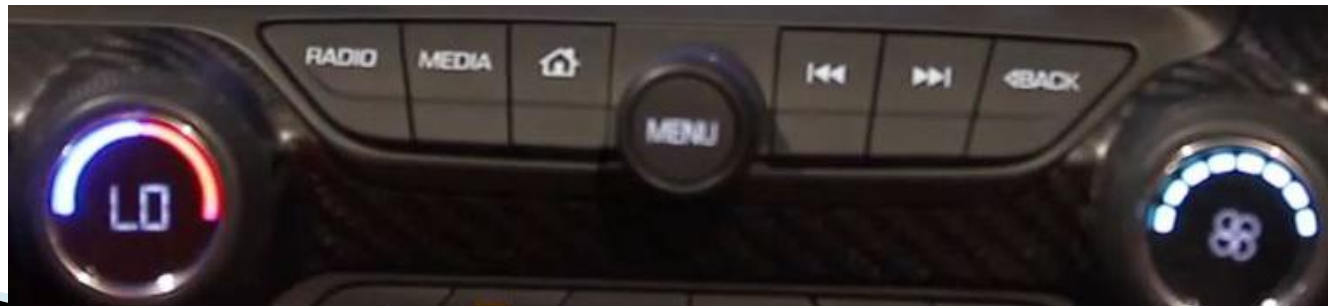
Chevrolet MyLink™



Chevrolet MyLink™

- Hard keys available for Power/Volume/Mute, Radio modes, Media ports, Home screen, Menu functions, Seek/Track advance and a Back button.

- Retained hard key functionality for climate controls.



Chevrolet MyLink™

- Screen key raises and lowers the motorized screen to reveal a hidden storage compartment.
- Screen locks when car is locked and can be locked in Valet Mode



Chevrolet MyLink™ – Settings

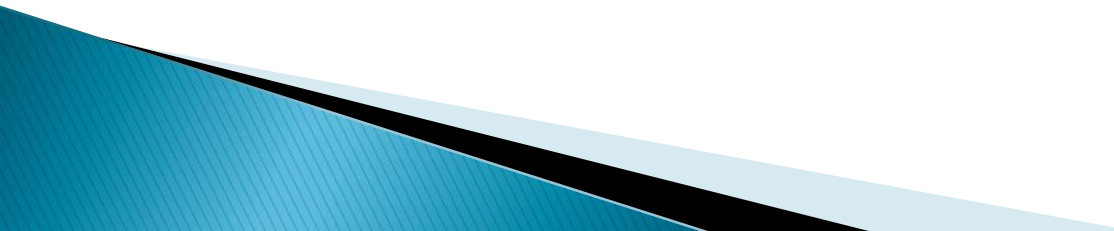


Settings menu will allow for access to system settings, vehicle settings, radio settings, owner preferences, locking options etc.

Chevrolet MyLink™ Audio



Audio

- ▶ Audio connectivity available via 3 USB ports, 1 SD Media port, 3.5 mm (1 / 8” audio) port and Bluetooth.
 - ▶ Media support for two connected devices with up to 8,000 songs.
 - ▶ Maximum file structure depth of 11 nested folders.
 - ▶ Integrated voice activation and recognition features.
- 

Connectivity



Chevrolet MyLink™ – Bose Centerpoint Surround system.

TEN HIGH-PERFORMANCE SPEAKERS

- 1 One 3.25-inch (80mm) neodymium Twiddler®, positioned in the center of the instrument panel.
- 2 Two 1-inch (25mm) Tweeters, one in each corner of the instrument panel.
- 3 Two 3.25-inch (80mm) neodymium Twiddlers, one in each door.
- 4 Two 10-inch (255mm) Nd® woofers, one in each door.
- 5 Two 5.25-inch (130mm) neodymium full-range speakers, one in each rear side panel.
- 6 8-inch Nd woofer with 14-liter bassbox, located in the trunk.

SYSTEM ELECTRONICS

- 7 A Bose digital amplifier mounted in the left part of the rear compartment with digital signal processing · next-generation Centerpoint® surround technology · SurroundStage® signal processing circuitry · next-generation AudioPilot® noise compensation technology.

The system also includes an AudioPilot microphone mounted inside the cabin.

THE BOSE® CENTERPOINT® SURROUND SOUND SYSTEM FOR THE CHEVROLET CORVETTE COUPE



Audio

Song List

Direct song interaction

Album Art



Menu

Audio

Playback options

Source information



Playback controls

Favorite menu

Audio



Song details



Source display for FM

Some examples of the IP audio selection



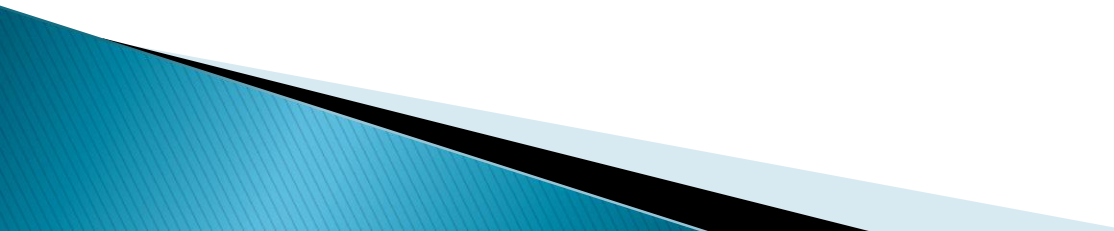
Audio



Chevrolet MyLink™ Phone



Phone

- ▶ Phone connections via Bluetooth or USB cable.
 - ▶ Access to calling features, contacts via touch screen.
 - ▶ Phone sub-menu on the instrument panel to access basic calling features and information.
 - ▶ Caller Id, call waiting, conference calling, voicemail and keypad dialing.
- 

Phone



One example of the IP phone interaction



Instrument Panel



- ▶ User configurable instrument panel.
- ▶ Can be tied to the “driver mode (default)” selection or individualized to your preference.

Instrument Panel



- ▶ The left side of the IP contains an analog speedometer.
- ▶ The right side of the IP contains the analog fuel gauge at the top and an analog water temperature gauge at the bottom.
- ▶ The center section is configurable and will show your tachometer, odometer, driver mode selection, gear selection and vehicle cautions and messages. This is the section we'll focus on.

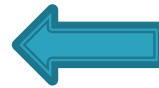
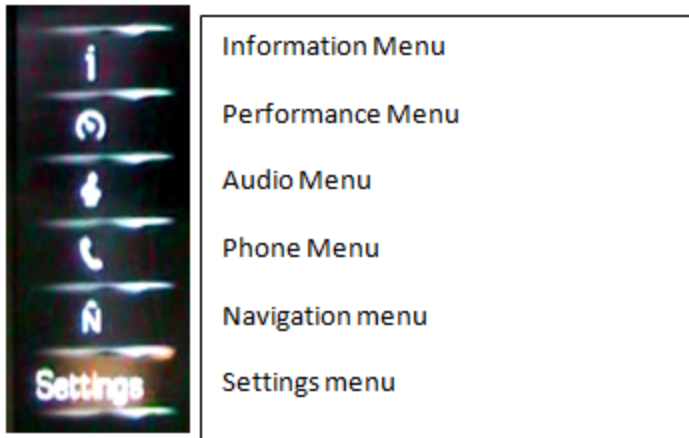
Instrument Panel

- ▶ The car has five Driver Modes; Weather, Eco, Tour (default), Sport and Track.
- ▶ The IP has three themes, Tour, Sport and Track.
- ▶ There are six configuration menus; Information, Performance, Audio, Phone, Navigation and Settings.
- ▶ Configurable “Pocket Gauges” (Sport Theme) immediately to the left and right of the center tachometer display. These are sub-menus of the center display where additional gauges can be displayed.
- ▶ Additional performance data available in Track Mode.
 - Up to 4 selectable subordinate gauges available for Track display.



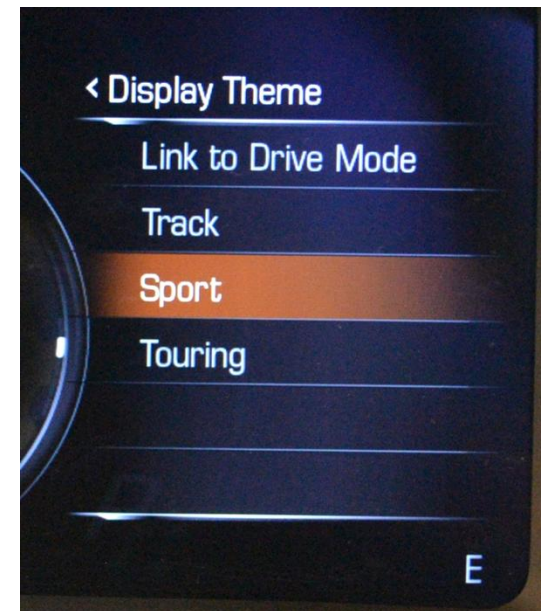
Instrument Panel

► Options Menu



Instrument Panel – Theme Menu

Highlighted arrow indicate menu availability



Use the steering wheel selector to navigate and select

Instrument Panel



Top and bottom Arrows indicate Which direction Menus are available.



Use the up and down Arrows to navigate



Instrument Panel

- ▶ **Information Menu** – Select this item with the left arrow key to bring up the main menu and then make your selection using the up and down arrow and pressing the select button on the steering wheel. This will again change the center display information area and you will be presented with up and down arrows to scroll through your choices. Available information displays are as follows:
 - Speedometer in a digital display format.
 - Trip meter A.
 - Trip meter B.
 - Fuel Range – Indicates V4/V8 Mode
 - Eco Index information.
 - Oil Life Remaining (expressed in percent)
 - Tire pressure sensors
 - Best Fuel Economy / Average Fuel Economy
 - Fuel Used / Timer
 - Engine hours and Lifetime RPM

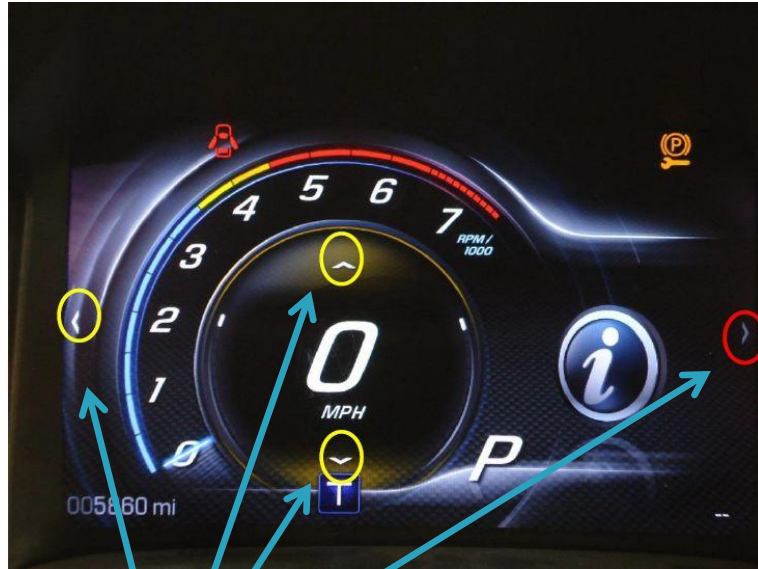
Instrument Panel

- ▶ **Performance Menu** – Select this menu to bring up performance metrics.
 - G Meter
 - Friction Circle (G Force bubble meter)
 - Performance timer (Triggered by acceleration, configurable with the ability to change ending speeds.)
 - Performance timer log (Lap timer with current time, previous time)
 - Oil Temperature
 - Oil Pressure
 - Battery voltage
 - Transmission fluid temperature
 - Tire temperature
 - Tachometer variation with swept needle (no center information displayed, Sport Mode only.)

Instrument Panel

- ▶ Selecting the Audio menu (from the left information menu) will change the center information display to reflect your current audio system selection (FM, XM, Pandora, Aux).
- ▶ you can select your source, browse your settings or setup and choose your favorites. This can all be done from the steering wheel without having to go back to the radio screen.
- ▶ **Audio Source Sub-Menu**
 - AM
 - FM
 - XM
 - Pandora
- ▶ **Audio Browser Sub-Menu**
 - If a media drive was detected (USB, SD) it would show on this menu
 - If a bluetooth device was detected, it would show on this menu.
 - If an iPhone or iPod was plugged in, it would show on this menu.

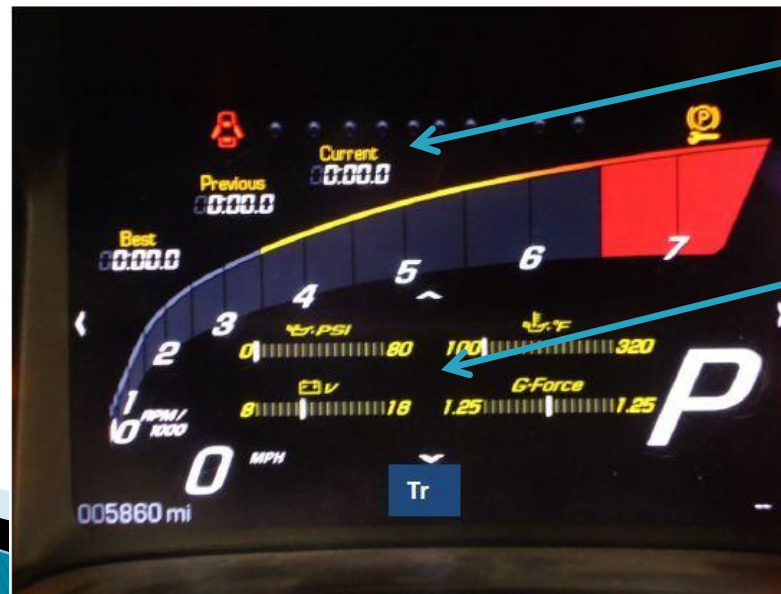
Instrument Panel



Menu navigation arrows



Vehicle information



Lap Timer

Configurable gauge displays

Instrument Panel – Head Up Display (HUD)*



*If equipped

HUD

- ▶ Like the IP, the HUD will display different information for the different driver modes.
- ▶ HUD displays available are Tour, Sport and Track. These display modes can be tied to the driver mode selection or independent of the driver mode selection.
 - Weather/Eco/Tour – Simple instrumentation showing speed gear selection and if under route guidance, route and turn information will be displayed.
 - Sport mode has a dominant tachometer display along with G forces and gear selection.
 - Track mode has a graphic horizontal tachometer along with G force displays (visual and numerical) and a shift indicator. This display most closely resembles the Corvette race car instrumentation.

Navigation (Optional, if equipped)



Navigation (Optional, if equipped)



Navigation display for IP.



Navigation

The sub-menu at the top that will give you access to your commonly used icons. For example, audio menu, return to the navigation menu, and telephone menu.



You can alter this configuration and include three to five favorites. Also, deleting an icon from the sub-menu will not delete it from the main menu.



Navigation

Along the bottom you will find zoom out, zoom in, reset view, destination entry sub-menu and system menu where you will change view and preference settings.



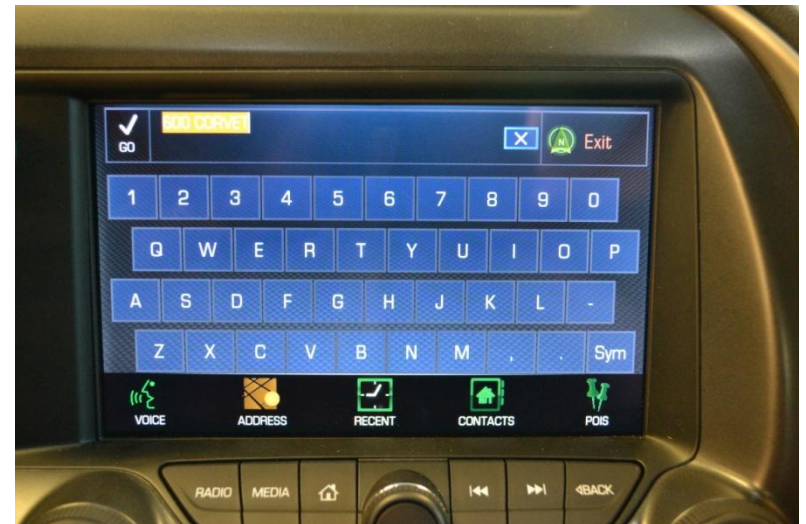
Navigation – Menu

- End/Resume Route.
- Navigation Voice Preferences.
- Current Location.
- Map View.
- Traffic.
- Routing Preferences.
- Display “Places of Interest” Icons.
- Personal Data.



Navigation – Destination

- Voice Recognition
- Address
- Recent Destinations
- Contacts
- POIs (Points of Interest)
- Destinations (saved as favorites)



Navigation – Destination

- Keyboard auto complete
- Progressive searches (refined with subsequent keystrokes).
- System will display how it understood the entry
- Results are grouped by type:
 - Full address
 - States
 - Cities
 - Intersections
 - Streets
- Results are shown by group by distance.
- System uses logic to enhance results.



Navigation – Points of Interest

- POI Search by name, category, category name, phone number.
- Searches by proximity.
- First 20 options will be presented – Show next available for next 10 options.
- Scrolling the map will update with new POI icons being displayed based on new map location.
- Press a POI icon to display destination information.

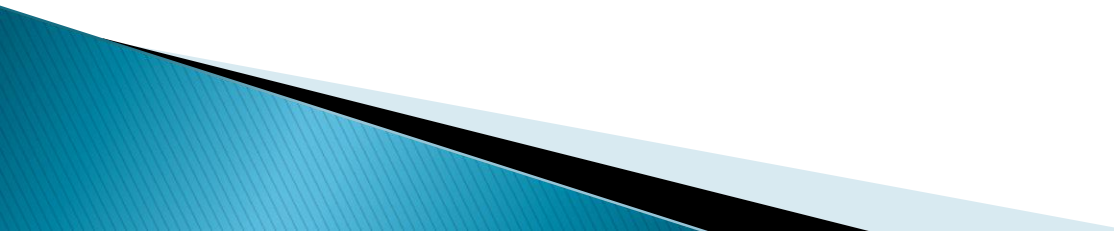


Navigation – Contacts

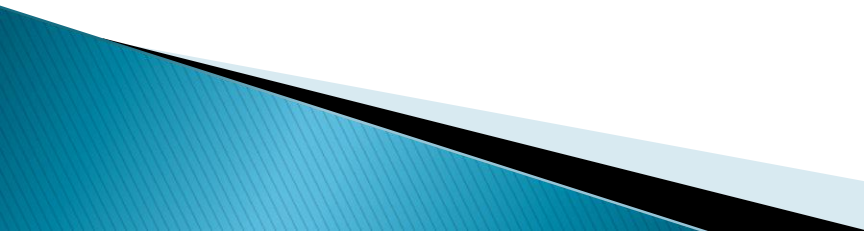
- Contact search by vehicle list or connected Bluetooth device.
- Contacts can be saved as favorites.



Navigation

- ▶ No more DVD's.
 - ▶ No more worrying about what region you are in or your destination is in.
 - ▶ Intuitive search features.
 - ▶ Improved voice recognition
 - Full spoken address
 - Points of Interest.
 - ▶ Better integration among systems.
 - ▶ Passenger operation while in motion.
- 

Navigation

- ▶ The MyLink™ System provides:
 - Ease of use – more intuitive.
 - Expanded features.
 - Upgradeability.
 - Current technology.
 - ▶ You are going to have to invest some effort in to learning the system.
 - ▶ Plan on spending 60 minutes with the manual in your driveway to familiarize yourself.
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Thank you!