

Harman International Corp

Ford CTR User Guide

ggs

v1

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Table of Contents

1. CTR System.....	7
a. Remote Display	7
b. Steering Wheel Controls	7
1. Volume Up	8
2. Volume Down.....	8
3. Mute.....	8
4. Call Pick-up.....	8
5. Call hang-up	8
6. Voice Assistant	8
c. Panel Control.....	8
1. Volume Knob.....	8
2. Tune Knob	8
3. Power Button	9
4. Seek Down	9
5. Seek Up	9
6. Play/Pause.....	9
7. Display Button.....	9
d. Climate Control	9
1. Fan Speed Knob	9
2. Temperature Knob.....	9
e. USB Connection	9
f. Microphone.....	9
2. Home Screen.....	10
a. Home.....	10
b. Audio	10
c. Connected Device	10
d. Mobile Navigation.....	11
e. Clock.....	11
f. Outside Temperature.....	11
g. Icons	11
1. 911 Assist/Emergency Assist OFF	11
2. Connected device signal strength indication	11

3.	Roaming	11
4.	Bluetooth device connected	12
5.	New Message	12
6.	Speaker Mute	12
7.	Microphone Mute	12
8.	Wi-Fi	12
9.	System Update	12
10.	Traffic Announcement Alarm	12
11.	Traffic Announcement News	12
3.	Audio Sources	13
a.	AM	13
1.	Sources	14
2.	Direct Tune	14
3.	TA	14
4.	Mixed Presets	14
b.	FM	14
1.	Text	14
2.	Browse	15
3.	Sources	15
4.	Direct Tune	15
5.	TA	15
6.	Mixed Presets	15
c.	SXM (US Only)	15
1.	Text	16
2.	Channel Guide	16
3.	Sources	17
4.	Direct Tune	17
5.	Alerts	17
6.	Repeat	17
j.	DAB (Europe Only)	18
1.	Text	18
2.	Browse	18
3.	Sources	19

4.	TA	19
5.	Extended Text Button	19
6.	Mixed Presets.....	19
k.	CD (not currently in Scope).....	19
l.	Connected Media.....	20
1.	Bluetooth Streaming Audio.....	20
2.	USB.....	20
3.	Music App	20
4.	Media Browse	20
1.	Play All.....	21
2.	iTunes Radio.....	21
3.	Playlists.....	22
4.	Artists	22
5.	Albums	23
6.	Songs.....	23
7.	Genres	24
8.	Podcasts	24
9.	Videos.....	25
10.	Explore Device.....	25
4.	Media Player	26
5.	Video Player	27
6.	Phone	28
a.	Add Phone.....	28
b.	Connect Phone	29
c.	Connected Device	29
1.	Recent Calls.....	29
2.	Contacts	29
3.	Device Name	29
4.	Voice Assistant	30
5.	Do Not Disturb	30
6.	Keypad.....	30
7.	Text Messages.....	30
8.	Change Device.....	31

d.	Incoming Call.....	32
1.	No Previous Call Connected.....	32
2.	Previous Call Connected	32
3.	Call Connected Features	33
7.	Apps	35
a.	Connect Device	35
b.	Find Mobile Apps	35
8.	Projection Modes.....	36
a.	First time connection	36
9.	Settings.....	37
a.	911 Assist	38
1.	911/Assist Feature	38
2.	Set Emergency Contacts	38
b.	Automatic Updates	38
1.	Automatic System Updates.....	39
2.	Manage My Connection.....	39
3.	View Current Software Versions.....	39
4.	Scan for Updates Now	39
c.	Bluetooth	39
1.	Bluetooth	39
2.	Change Vehicle Name	39
3.	Add a Bluetooth Device	39
4.	View Devices	39
d.	Clock.....	40
1.	Clock Setting.....	40
2.	Mode.....	40
e.	Display.....	40
1.	Display Off.....	40
2.	Calm Screen	41
3.	Background	41
4.	Mode.....	41
f.	General.....	41
1.	Language.....	42

2.	Temperature	42
3.	Touch Screen Beep.....	42
4.	About.....	42
5.	Software Licenses.....	42
6.	Master Reset	42
g.	Mobile Apps	42
1.	Enable Mobile Apps	42
2.	Enable Mobile Apps via USB	42
3.	Update Mobile Apps	43
4.	All Apps	43
5.	Nav Apps	43
h.	SYNC Connect.....	43
1.	Vehicle Hotspot.....	43
2.	Connectivity Settings	43
i.	Phone	44
1.	Bluetooth Devices	44
2.	Manage Contacts	44
3.	Set Phone Ringtone.....	45
4.	Text Messaging	45
5.	Volume	45
6.	Mute Audio in Privacy	45
7.	Roaming Warning.....	45
8.	Low Battery Notification	45
j.	Sound	45
1.	Trebel/Mid-range/Bass	45
2.	Balance and Fade	45
3.	Speed Compensated Volume.....	46
4.	Occupancy Mode	46
k.	Vehicle.....	46
1.	Camera Settings	46
2.	Door Keypad Code	46
3.	Onboard Modem Serial Number (ESN).....	46
l.	Wi-Fi	47

1.	System WiFi.....	47
2.	View Available Networks	47
3.	Wi-Fi Available Notifications.....	47
m.	Ambient Lighting.....	47
n.	Apple Carplay Preferences.....	48
o.	Android Auto Preferences.....	48
p.	Baidu Carlife Preferences.....	48
10.	Emergency Assist	49
11.	Software Updates	50
12.	Nav Map.....	51
13.	Vehicle Features.....	52
a.	Active Park Assist/ Visual Park Assist.....	52
b.	Chimes.....	52
c.	Climate Control	52
d.	Emergency Assistance.....	52
e.	MyKey	52
f.	Rear View Camera.....	52
g.	Wireless Charging	52

1. CTR System

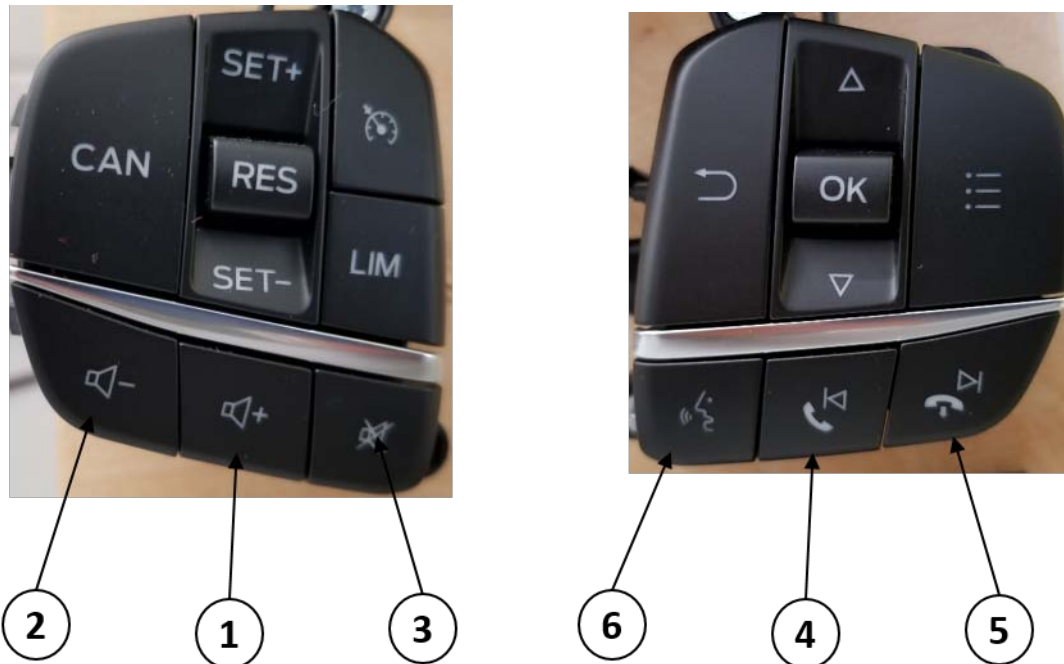
The CTR system includes the following for user interaction and response.

- 8 inch touch screen display
- Steering wheel controls
- Panel control
- Microphone for limited voice control
- USB hub for streaming audio and video
- BT connection for phone and streaming audio.
- Audio output thru the audio speaker system.

a. Remote Display

The remote display has a touch screen that will allow the user to interact directly with the objects on the screen. Refer to the following sections for the details of user interaction.

b. Steering Wheel Controls



1. Volume Up

Pressing the button will increase the volume of the currently playing mode. This volume will be stored for that mode. A pop-up on the screen will appear to show the volume level.

2. Volume Down

Pressing the button will decrease the volume of the currently playing mode. This volume will be stored for that mode. A pop-up on the screen will appear to show the volume level.

3. Mute

Pressing the button will mute the audio until the button is again pressed.

4. Call Pick-up

Pressing the button will pick up an incoming call.

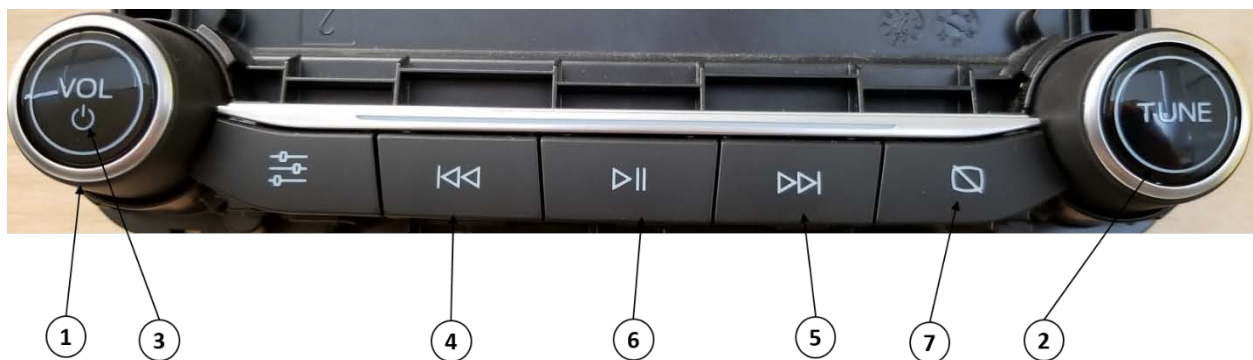
5. Call hang-up

Pressing the button will end a current call.

6. Voice Assistant

If a Voice Assistant is available and activated on a connected mobile phone, pressing and holding the button will activate a voice assistant session. Pressing during the active session will cancel the session.

c. Panel Control



1. Volume Knob

Rotating the knob will increase/decrease the volume of the currently playing mode. This volume will be stored for that mode. A pop-up on the screen will appear to show the volume level.

2. Tune Knob

Rotating the knob will increment/decrement the current frequency or station to the next frequency or station.

3. Power Button

Pressing this button will toggle the power of the infotainment system On and Off. If the Ignition is off and the Power button is pressed, the infotainment system will power on in Extended mode. Pressing the Power again will turn off the system.

4. Seek Down

Pressing the button will seek from the current station or frequency to the next lower available station or frequency.

5. Seek Up

Pressing the button will seek from the current station or frequency to the next higher available station or frequency.

6. Play/Pause

Pressing the button will toggle between playing and pausing available controlled USN or Bluetooth streaming media.

7. Display Button

Pressing this button will toggle the display from Off to On. In Off mode, the screen can be activated with touch or by using this button. In Off mode, the screen will only show the time.

d. Climate Control

1. Fan Speed Knob

When the knob is rotated, a pop up display will appear to indicate the fan speed level.

2. Temperature Knob

When the knob is rotated, a pop up display will appear to indicate the temperature level.

e. USB Connection

The USB connection supports connecting multiple USB devices that may provide streaming audio, video or support projection modes (Android Auto, Carplay, Applink or Baidu).

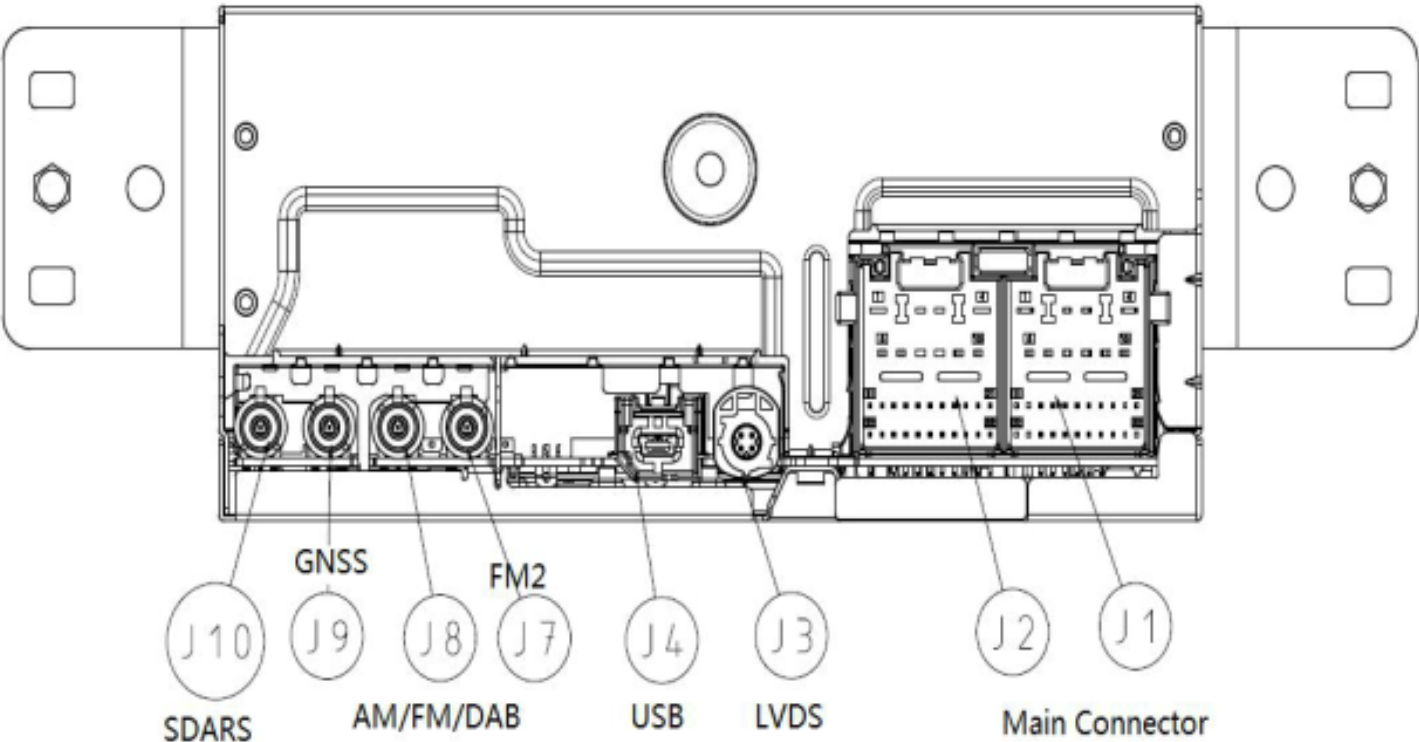
- For audio, the infotainment system will support fast forward, fast reverse and play/pause.
- For video, the infotainment will support fast forward, fast reverse and play/pause.
-

f. Microphone

The infotainment system uses two microphones to support voice recognition for connected device control.

g. Infotainment headunit

The following table shows the CTR headunit connectors with signal information and description.



2. Home Screen



a. Home



Pressing the home button in the top menu bar for any screen will change the display to this Home Screen.

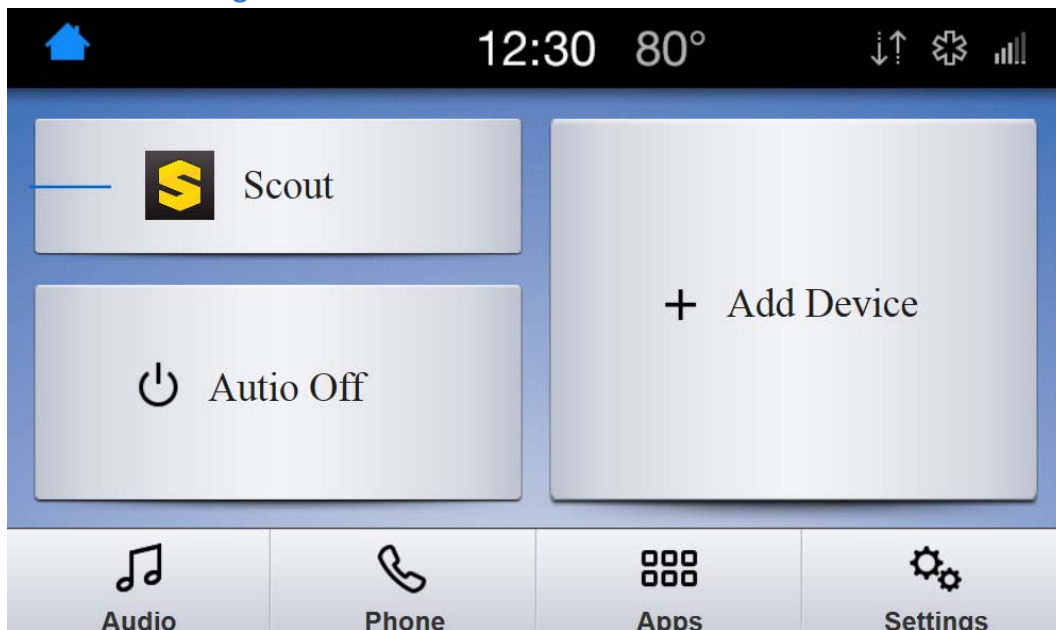
b. Audio

The audio button to the left displays the currently selected Audio source. Pressing this button will display the Audio mode information screen.

c. Connected Device

The Connected Device button to the right displays the connected device status. Pressing the button will change the screen to the Phone main screen.

d. Mobile Navigation



When mobile navigation is in use, the Audio button will share the left side with the Mobile navigation button.

e. Clock

Displays the clock in 12 or 24 hour format.

f. Outside Temperature

Displays the outside temperature in degrees F or C.

g. Icons

1. 911 Assist/Emergency Assist OFF



This icon shows the status of the 911 Assist/Emergency Assist feature.

2. Connected device signal strength indication



When a Bluetooth device is connected and signal strength is available, the signal strength icon will be displayed.

3. Roaming



When a Bluetooth device is connected and roaming, the roaming icon will be displayed.

4. Bluetooth device connected



When a Bluetooth device is connected and signal strength is not available, the Bluetooth icon will be displayed.

5. New Message



When a new message is received, the icon will be displayed.

6. Speaker Mute



When the system audio is muted, the icon will be displayed.

7. Microphone Mute



When the system microphone is muted, the icon will be displayed.

8. Wi-Fi



When Wi-Fi is enabled, the icon will be displayed.

9. System Update



The icon will be displayed when there is a software download in process.

10. Traffic Announcement Alarm



When a traffic announcement alarm is active and there is an interrupt announcement, the icon will be displayed.

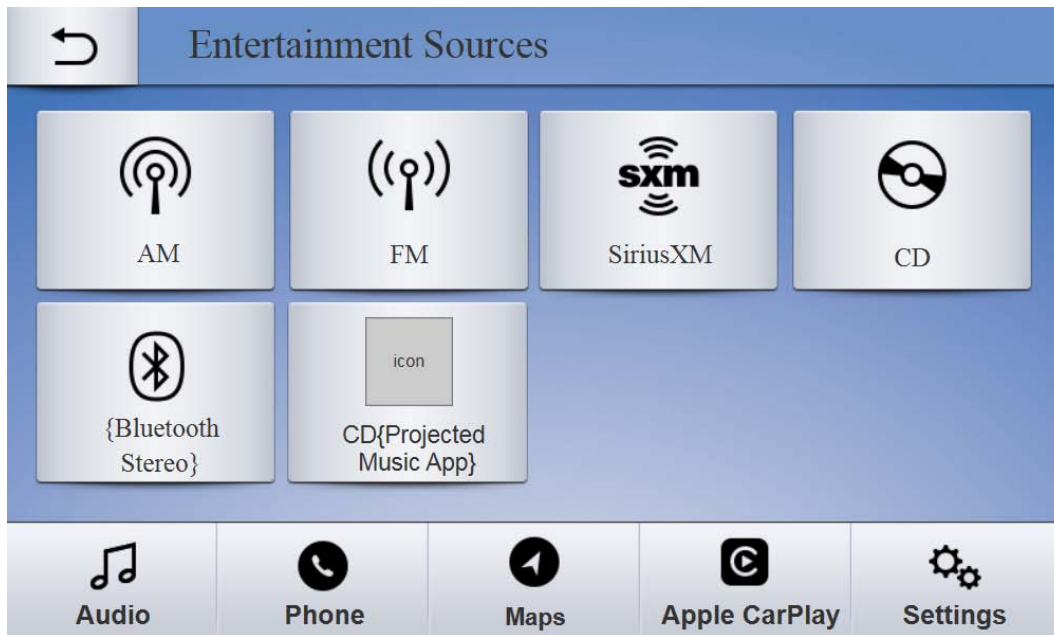
11. Traffic Announcement News



When a traffic announcement news is active and there is an interrupt announcement, the icon will be displayed.

3. AudioSources

Pressing the Sources button for any of the sources entered with the Audio button will change the screen to allow the section of another audio source.



a. AM



When the AM entertainment source is selected, the screen will change to the main AM screen and tune to the last selected AM frequency.

1. Sources

When the Sources button is pressed, the Entertainment screen will be displayed to allow the user to select another source.

2. Direct Tune

When the user pressed the direct tune button, a display will show a numeric keyboard for the user to manually enter a frequency number.

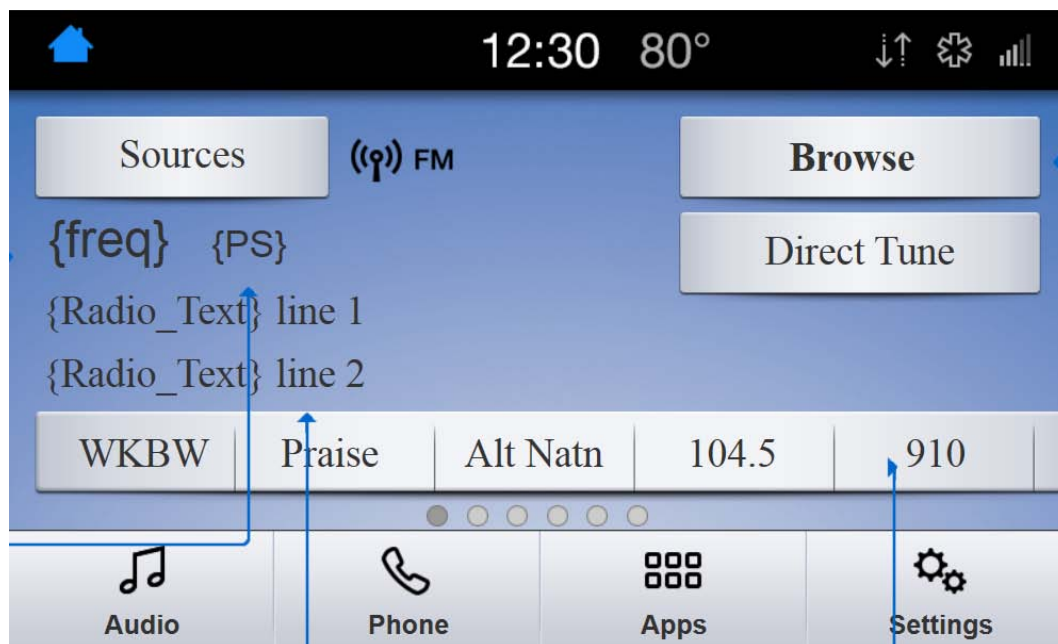
3. TA

When the TA button is pressed, the systems will search for the next available station that supports a Traffic Alert feature.

4. Mixed Presets

There is a set of preset buttons that can be programmed to any AM, FM, SXM or DAB channel. There is a total of 32 buttons that can be programmed. Swiping the row of buttons will show additional buttons. Pressing the button will change to that mode and channel/frequency. Pressing and holding the button will program the currently playing channel/frequency.

b. FM



When FM is selected from the Entertainment screen, the screen will display the FM mode, the tuner is changed to FM mode and tuned to the last selected FM frequency.

1. Text

The display will show radio text if available.

2. Browse



For markets with RDS, the browse list will contain the Program station list (see above). For markets with RDS, the available station frequencies will be displayed. The user can select from this list which will tune to that station and return to the now playing FM screen.

3 Sources

When the Sources button is pressed, the Entertainment screen will be displayed to allow the user to select another source.

4 Direct Tune

When the user pressed the direct tune button, a display will show a numeric keyboard for the user to manually enter a frequency number.

5 TA

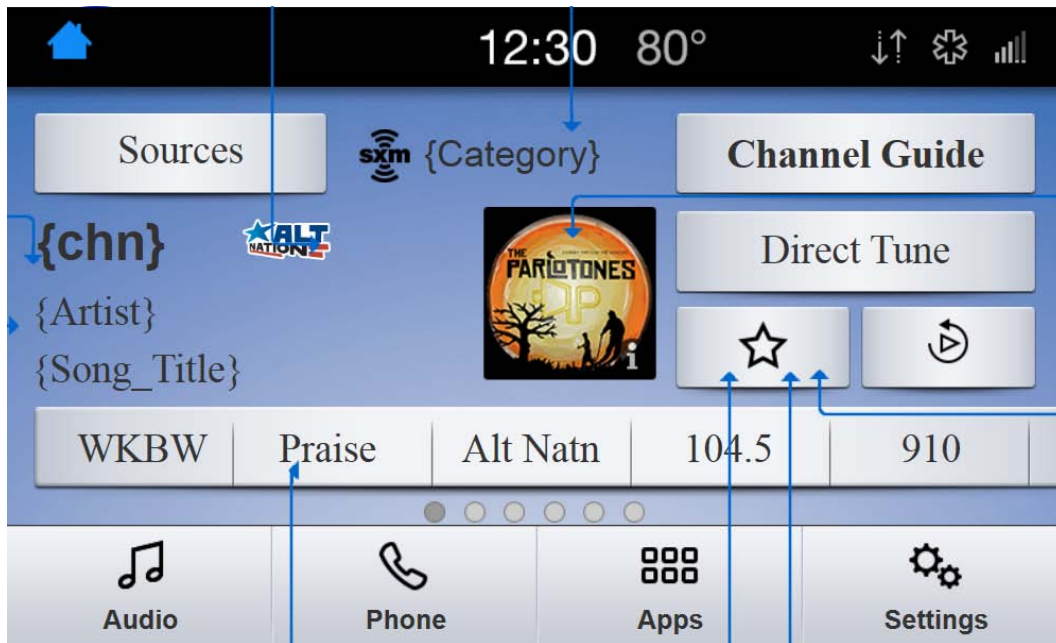
When the TA button is pressed, the systems will search for the next available station that supports a Traffic Alert feature.

6 Mixed Presets

There is a set of preset buttons that can be programmed to any AM, FM, SXM or DAB channel. There is a total of 32 buttons that can be programmed. Swiping the row of buttons will show additional buttons. Pressing the button will change to that mode and channel/frequency. Pressing and holding the button will program the currently playing channel/frequency.

c. SXM (US Only)

A subscription must be active for the SXM feature to be supported. If the subscription is not active, a display will indicate that subscription is not active and suggest calling to enable the subscription. If the subscription is active, the following features will be supported.



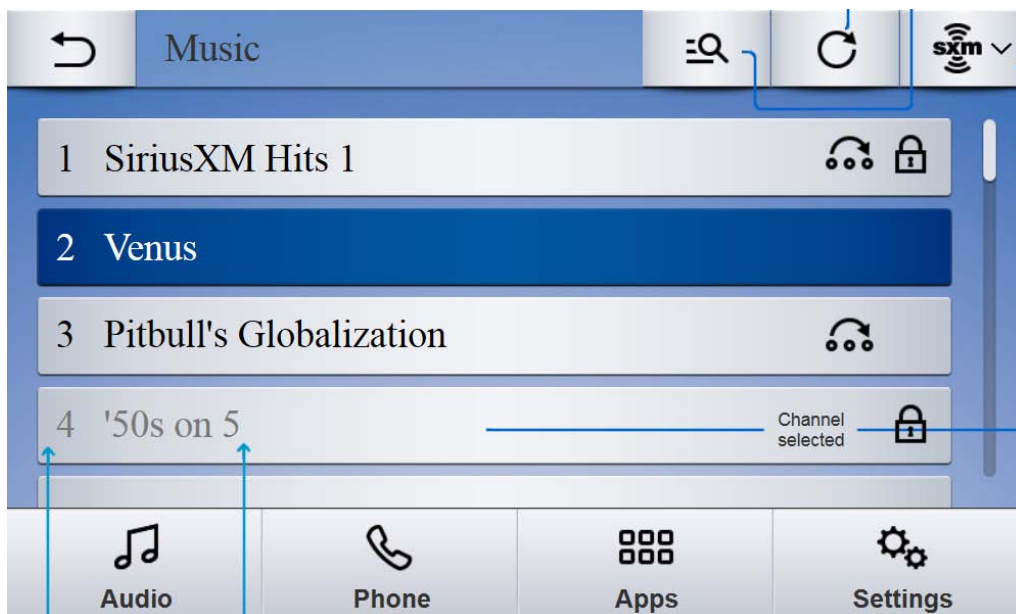
When the SXM source is selected, the screen will change to the SXM main screen and tune to the last played channel.

1. Text

The display will show the artist and song title.

2. Channel Guide

Pressing the channel guide button will display a list of all available SXM channels. The user can select a channel from this list. When selected, the display will show the media player with the active channel.



i. Search



When the Search all categories button is pressed, the screen will display list of all categories that can be selected by the user.

ii. Refresh



When the Refresh button is pressed, the screen will refresh the list.

iii. SXM View



When the View button is pressed, the screen will display a popup list to allow the user to select Channel, Title or Artist to view.

iv. Skip



For each station on the channel guide, the user can press the skip button to skip this station when seeking through stations.

v. Lock



For each station on the channel guide, the user can press the lock button to lock this station and not allow tuning to the station. A PIN will be required to lock the station.

3. Sources

When the Sources button is pressed, the Entertainment screen will be displayed to allow the user to select another source.

4. Direct Tune

When the user pressed the direct tune button, a display will show a numeric keyboard for the user to manually enter a channel number.

5. Alerts

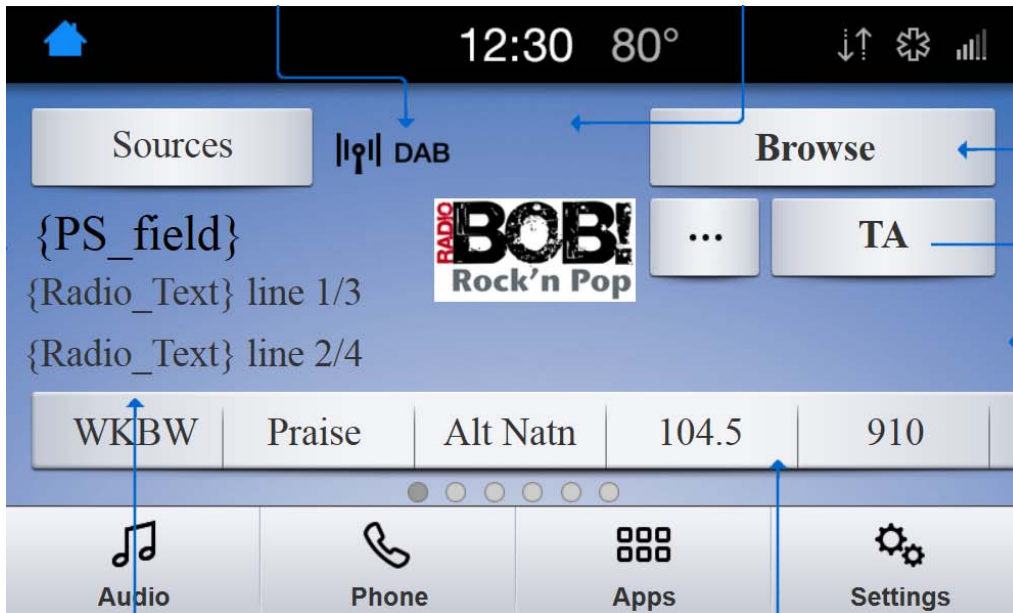
The Alerts button will allow the user to add the currently playing song title, game or other broadcast to the alert list. When the song title is played in the future, the user will get an alert to tune to the station playing that alert.

The user will be able to manage the alerts with an Alerts list display that will allow editing or deleting an item on the list.

6. Repeat

The user can repeat the song title by pressing the repeat button.

j. DAB (Europe Only)

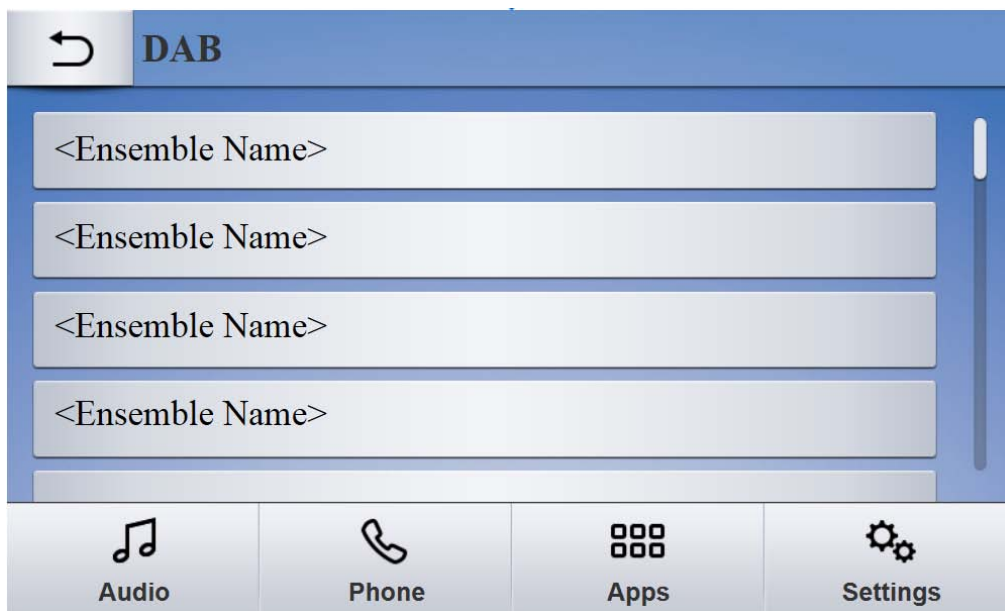


When DAB is selected from the Entertainment screen, the screen will display the DAB mode, the tuner is changed to DAB mode and tuned to the last selected DAB station.

1. Text

The display will show radio text if available.

2. Browse





When the Browse button is pressed, the screen will display a list of Ensembles. When the user selects an Ensemble name, the screen will show the list of stations in that Ensemble. The station list will indicate if Traffic Announcement is supported.

3. Sources

When the Sources button is pressed, the Entertainment screen will be displayed to allow the user to select another source.

4. TA

When the TA button is pressed, the systems will search for the next available station that supports a Traffic Alert feature.

5. Extended Text Button

When the  button is pressed, the user can scroll through text that may be truncated in the text field.

6. Mixed Presets

There is a set of preset buttons that can be programmed to any AM, FM, SXM or DAB channel. There is a total of 32 buttons that can be programmed. Swiping the row of buttons will show additional buttons. Pressing the button will change to that mode and channel/frequency. Pressing and holding the button will program the currently playing channel/frequency.

k. CD (not currently in Scope)

If a remote CD player is available in the vehicle, pressing this button will change the audio source to the CD player.

I. Connected Media

1. Bluetooth Streaming Audio

If a Bluetooth device is connected and there are audio files available for streaming, pressing this button will change the audio mode to Bluetooth streaming audio.

The screen will change the media player. (see media player section)

2. USB

If a device is connected into the USB hub and there are audio files available for streaming, pressing this button will change the audio mode to USB streaming audio or video.

If the source is audio, the screen will change to the media player. (see media player section)

If the source is video, the screen will change to the video player. (see video player section)

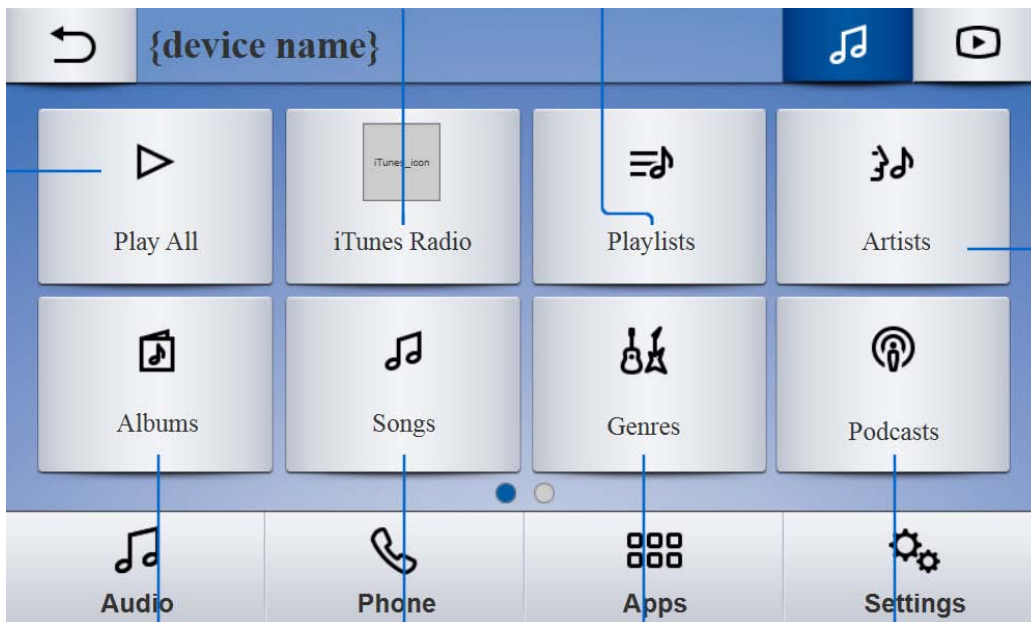
3. Music App

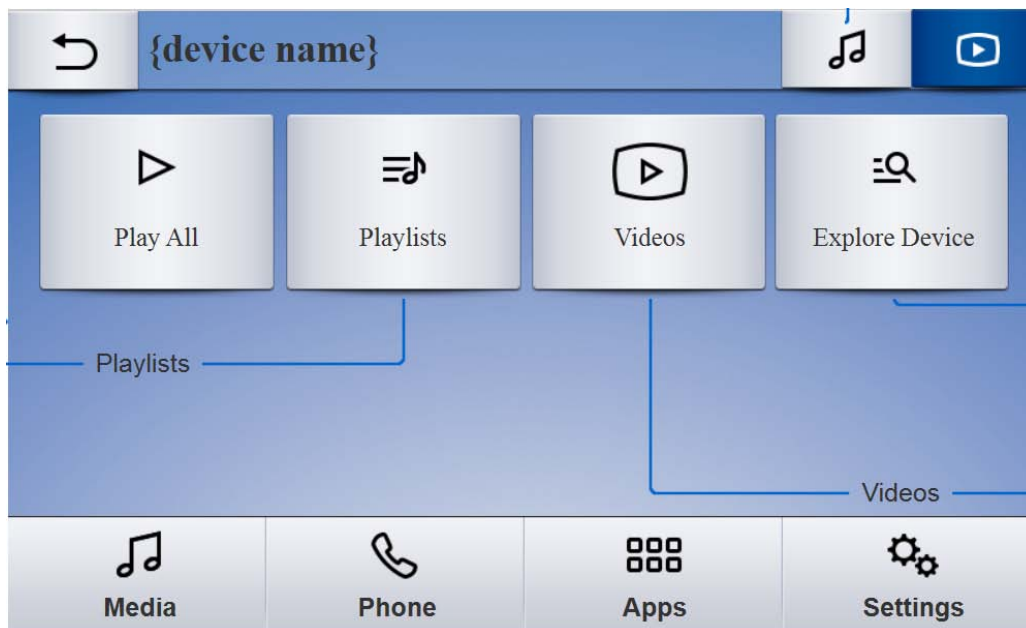
If a device is connected and a music app is available, pressing this button will enable the music app.

The screen will change the media player. (see media player section)

4. Media Browse

When the search icon for a Now Playing list is pressed, the screen will display the Media Browse and display all supported browse options that are available for that device. Below is a summary of all possible browse options.



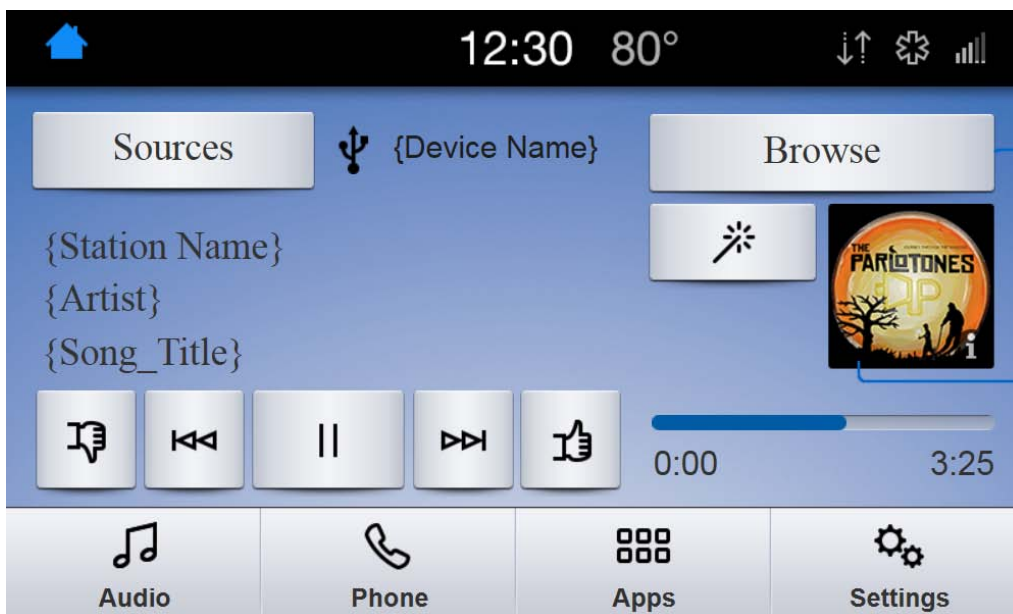


1. Play All

When this button is pressed, the screen will change to the Media Player (see media player section) for audio or the Video Player (see video player section) for video.

2. iTunes Radio

If an Apple device is connected and supported iTunes, pressing this button will change the screen to display the list of iTunes radio stations. When a station is selected, the screen will display a specific media player.



i. Wish List

When the  button is pressed, the iTunes wish List request will be supported.

ii. Thumbs Up

When the button is pressed, the iTunes Thumbs down will be supported.

iii. Thumbs Down

When the button is pressed, the iTunes Thumbs down will be supported.

3. Playlists

When the button is pressed, the screen will change to display the available playlists.

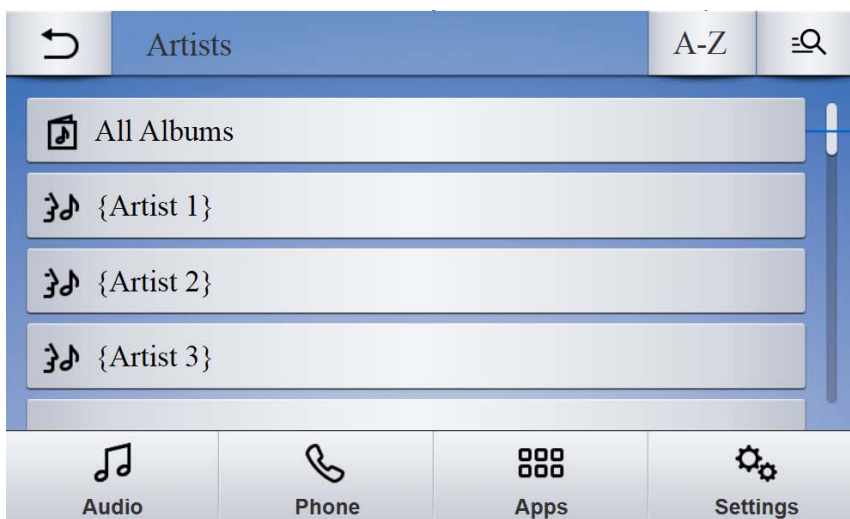


When a playlist is selected, the screen will display the Now Playing list and play the first song on the list and continue playing from the playlist.

The A-Z button allows the user to search items within the list.

4. Artists

When the button is pressed, the screen will change to display the available Artists.



When the All Albums list item is selected, the screen will display a list of available albums.

When an artist is selected the screen will display the Now Playing List and begin playing available songs from that artist.

The A-Z button allows the user to search items within the list.

5. Albums

When the button is pressed, the screen will change to display the available Albums.

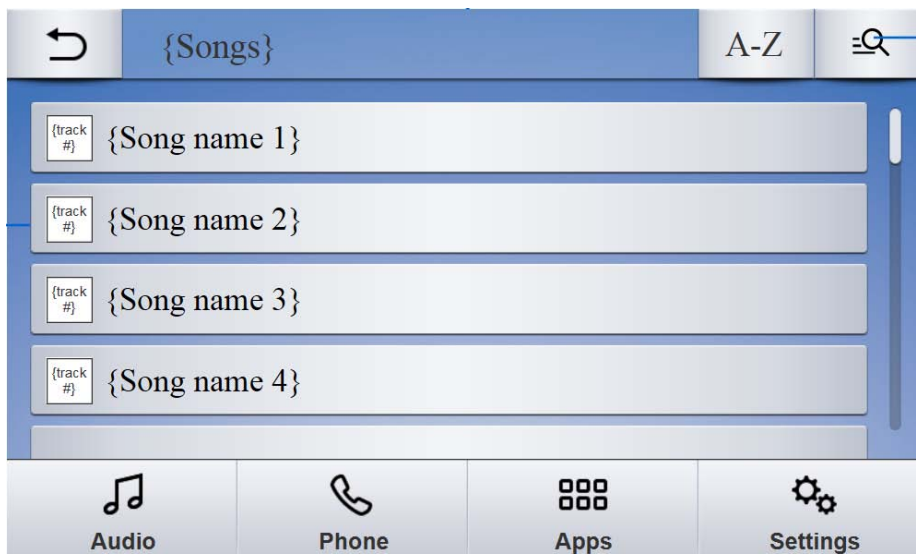


When an album is selected the screen will display the Now Playing List and begin playing available songs from that album.

The A-Z button allows the user to search items within the list.

6. Songs

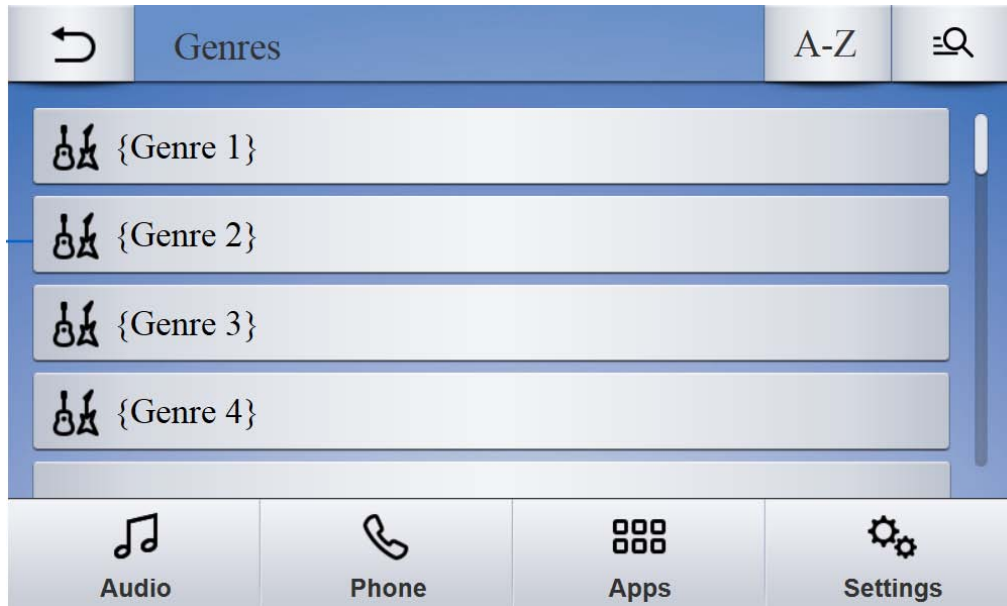
When the button is pressed, the screen will change to display the available songs.



The A-Z button allows the user to search items within the list.

7. Genres

When the button is pressed, the screen will change to display the available genres.



When a genre is selected the screen will display the Now Playing List and begin playing available songs from that genre.

The A-Z button allows the user to search items within the list.

8. Podcasts

When the button is pressed, the screen will change to display the available genres.

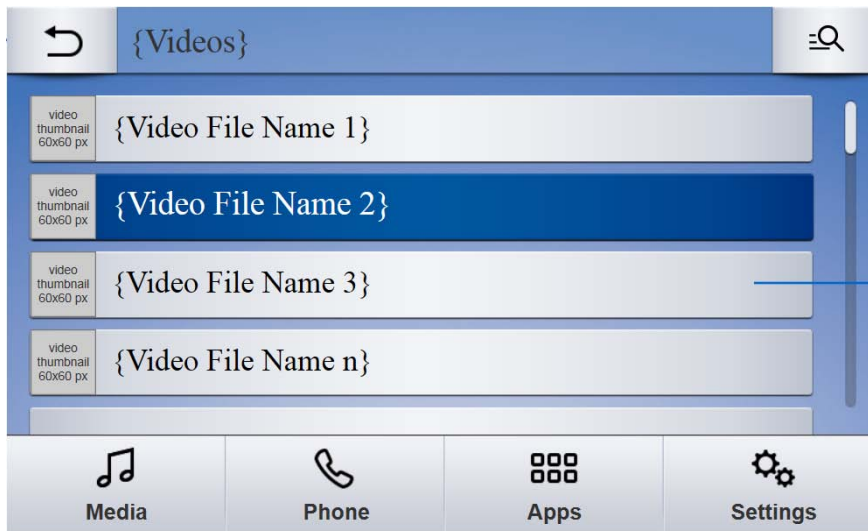


When a podcast is selected the screen will display the Now Playing List and begin playing available podcasts.

The A-Z button allows the user to search items within the list.

9. Videos

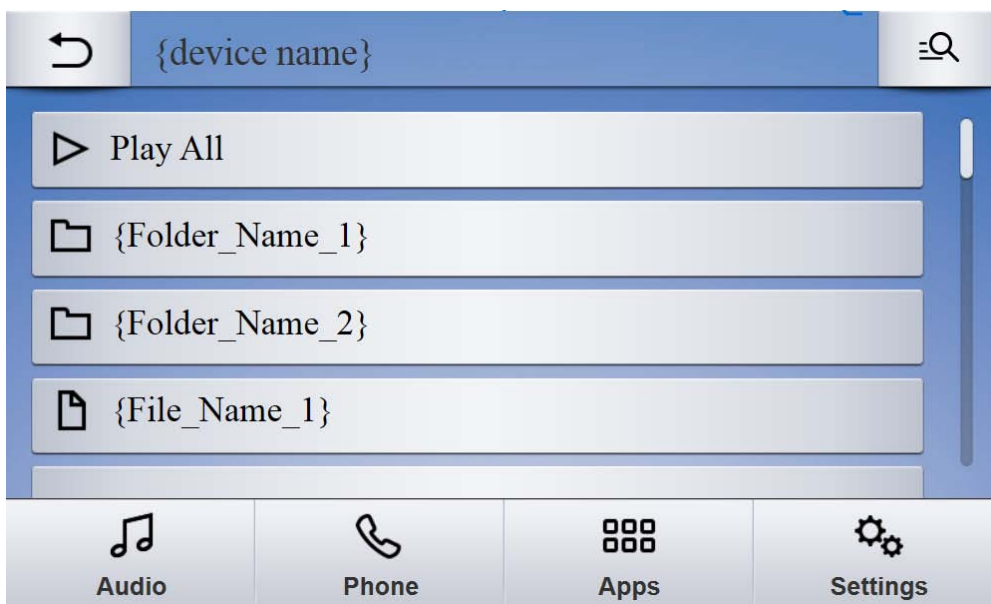
When an album is selected the screen will display the Now Playing List and begin playing available podcasts.



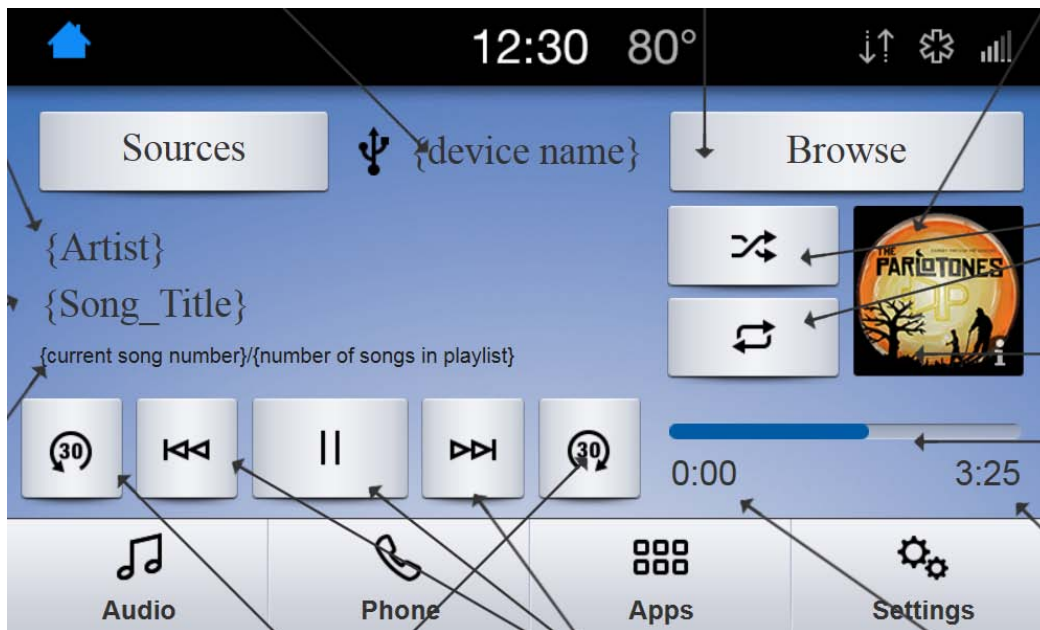
When a video file is selected the screen will display the Video player.

10. Explore Device

When an album is selected the screen will display the directory for the device.



4. Media Player



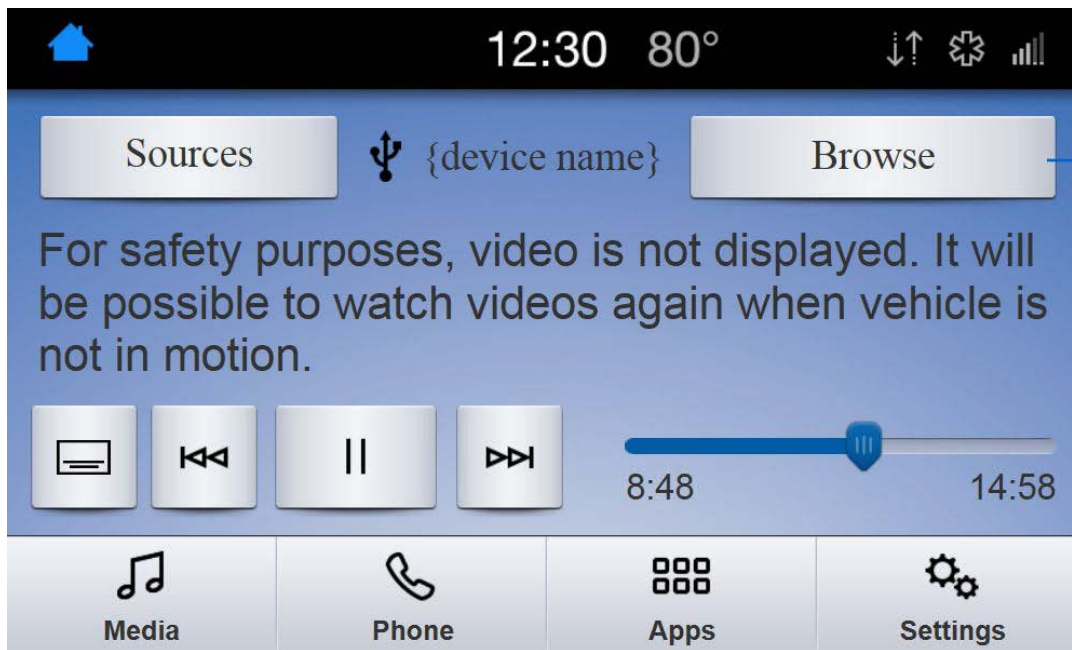
Pressing the Audio button in the bottom menu bar will change the screen to the main Media Player screen if the current source is a connected media source.

If a valid media file is selected from a connected device, the Audio becomes Media and the infotainment systems shall support the playing of the connected audio. The buttons displayed will depend on the media source being played.

- The screen will support the Sources button.
- The screen will display the connected device name if available.
- The screen will display the Artist and Song Title if available.
- The screen will display and support a fast backward button, a fast forward button and a play/pause button.
- The screen will support 30 second skip forward or 30 second skip backward.
- The screen will support a shuffle button.
- The screen will support a repeat button.
- The screen will display and progress bar or a simple media progress bar depending on what the media will support.
- The screen will show a total time and elapsed time.
- The screen shall have a Browse button. The video player will have an independent list from the audio browse list.

The Media Player screen will also show the Artist, Song Title and Cover art if available.

5. Video Player



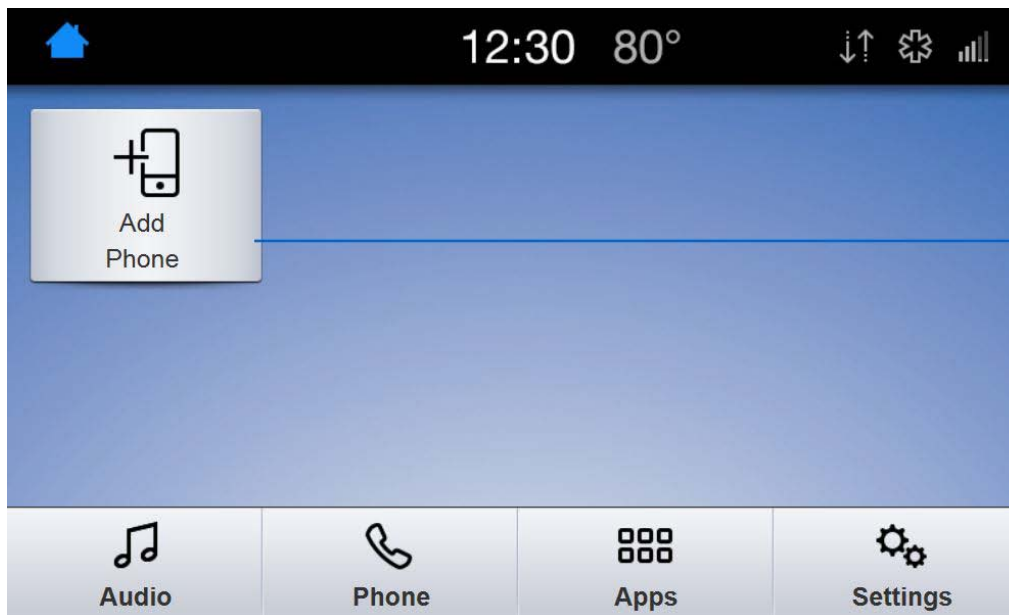
Pressing the Audio button in the bottom menu bar will change the screen to the main Video Player screen if the current source is a video file.

For most regions, the video player will not allow video to be displayed until the vehicle is not in motion.

If a valid video file is selected from a connected device, the Audio becomes Media and the infotainment systems shall support the playing of the video.

- The screen will display and support a fast backward button, a fast forward button and a play/pause button.
- The screen will display and progress bar or a simple media progress bar depending on what the media will support.
- The screen will display a subtitle button that will turn available subtitles On/Off.
- The screen will show a total time and elapsed time.
- The screen shall have a Browse button. The video player will have an independent list from the audio browse list.
- Once the video begins playing, the video will be displayed on a full screen, removing the upper status and lower menu bars. Touching the screen will return to the normal screen.
- If the driver restriction is enabled, the video will not be played and there will be a warning displayed.

6. Phone



Pressing the Phone button on the bottom menu bar will change the screen to the Phone main screen. The main phone screen will show a button to add a new device and will show buttons to connect to any previously paired devices.

a. Add Phone

The option to add a phone will always be present for this screen. Pressing this button will initiate a discoverable mode to search for Bluetooth phones. If Bluetooth is not on, the system will display a message to turn on.

Once the discovery is completed, pairing screen will be displayed. The system will allow up to 12 paired devices. If there are 12 paired devices, there will be a warning to delete a device.

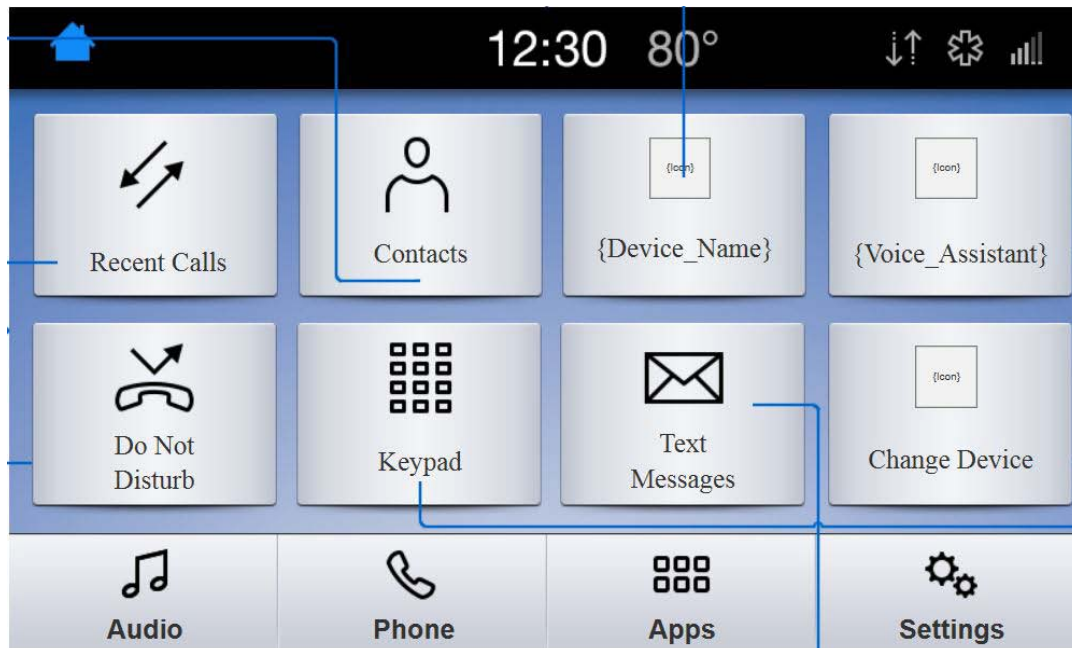


b. Connect Phone

As devices are connected, they will appear on the main screen as a possible connected source. Pressing the icon button for any previously paired device will attempt to connect to that phone (with the highest priority).

c. Connected Device

When a device is connected, the device will transmit information from the phone to be displayed and controlled in the Connected Device screen. When a connected device is selected, a main screen for that device will be displayed to allow the customer to manage the device. See below.



1. Recent Calls

Displays the list of recent calls. The list will include the following information:

- Name
- Which contact: Mobile, home, work
- Incoming/outgoing
- Time or date of call

2. Contacts

Displays the list of contacts. The initial screen will show the list of names. Selecting a name will change the screen to show more detailed information:

- List of contact numbers: Mobile, home, work (any contacts from mobile phone)
- Contact image if available

3. Device Name

Displays the device name and allows the customer to change the name of the device.

4. Voice Assistant

If the voice assistant is available and turned on from the mobile phone, the button will be enabled. Pressing this button will initiate an active voice assistant session. Pressing the button during an active session will cancel the session.

5. Do Not Disturb

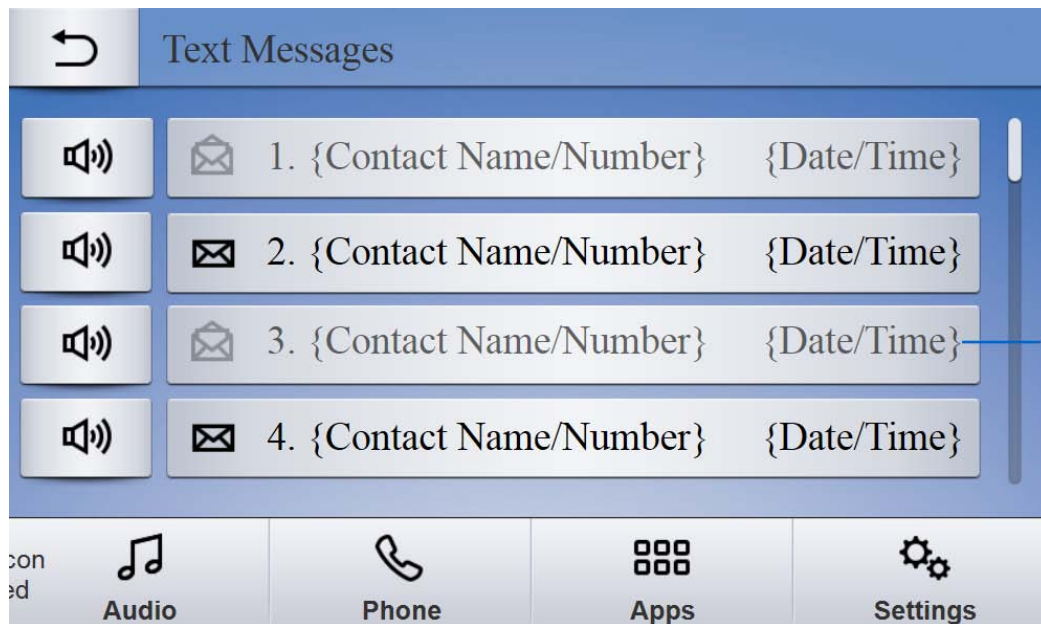
Enables or disables the do not disturb feature. When enabled, the phone will not transfer the call from the device to the infotainment system.

6. Keypad

Displays a keypad to be used to enter a phone number to call.

7. Text Messages

If the mobile phone supports the transfer of text messages, pressing the Message button will attempt to display the text messages on the display. Displays the list of text messages that have been received. If all current messages had been downloaded, the list will be displayed. If there are new messages, the user will be notified of downloading messages, and then the list will be displayed.



- The list will show which messages had been previously reviewed.
- When the HearIt button on the far left is pressed, the message will be audibly read to the user.
- When the line item is pressed, the screen will change to show the View Text display.



The user will have options for responding to the text message.

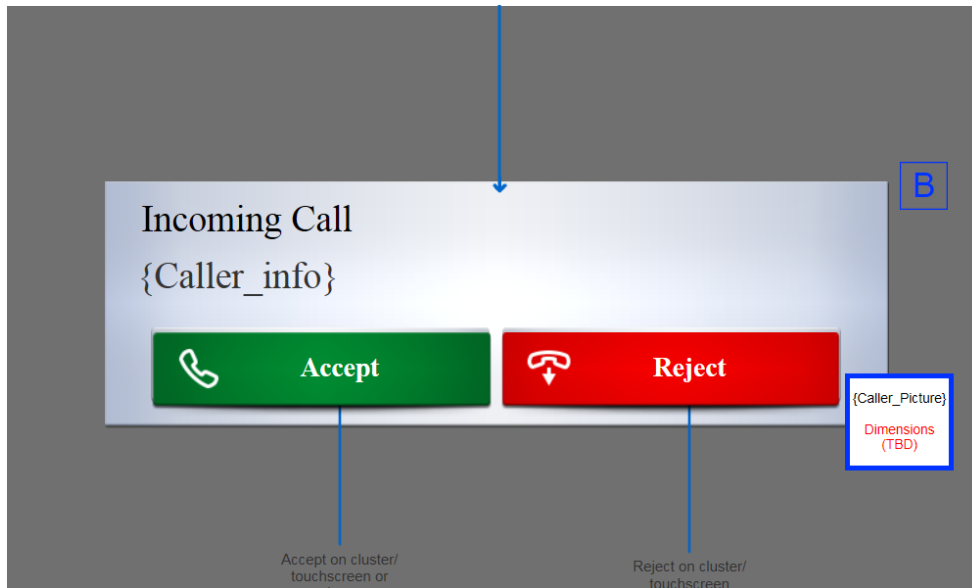
- When the HearIt button on the far left is pressed, the message will be audibly read to the user.
- When the Call button is pressed, a call will be initiated to the contact sending the text message.
- When the Reply button is pressed, the screen will display a list of pre-defined responses. The user can press any of these responses and a text message will be sent to the mobile phone.

8. Change Device

Allows the customer to select another connected device.

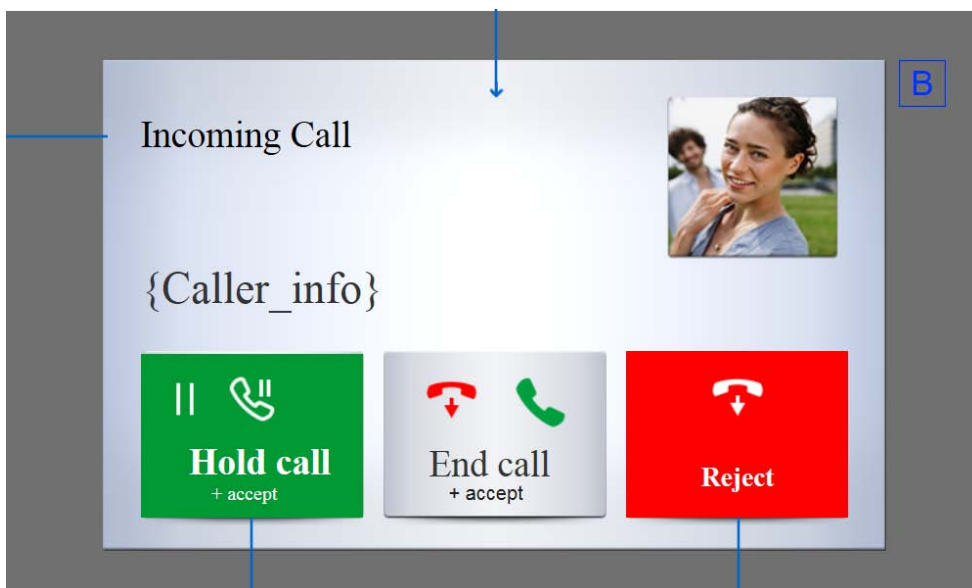
d. Incoming Call

1. No Previous Call Connected



- When an incoming call is recognized, the display will indicate the incoming call and the ringtone will be played.
- The screen will allow the user to accept or reject the call. If the call is rejected, the call will be recorded as a missed call. If the call is accepted, the call will be recorded as a recent call. The steering wheel controls can also be used (see steering wheel controls section).
- If the incoming call number is not on the contact list, the system will not display any contact information.
- If the incoming call is on the contact list, the contact information that is available will be displayed on the screen.

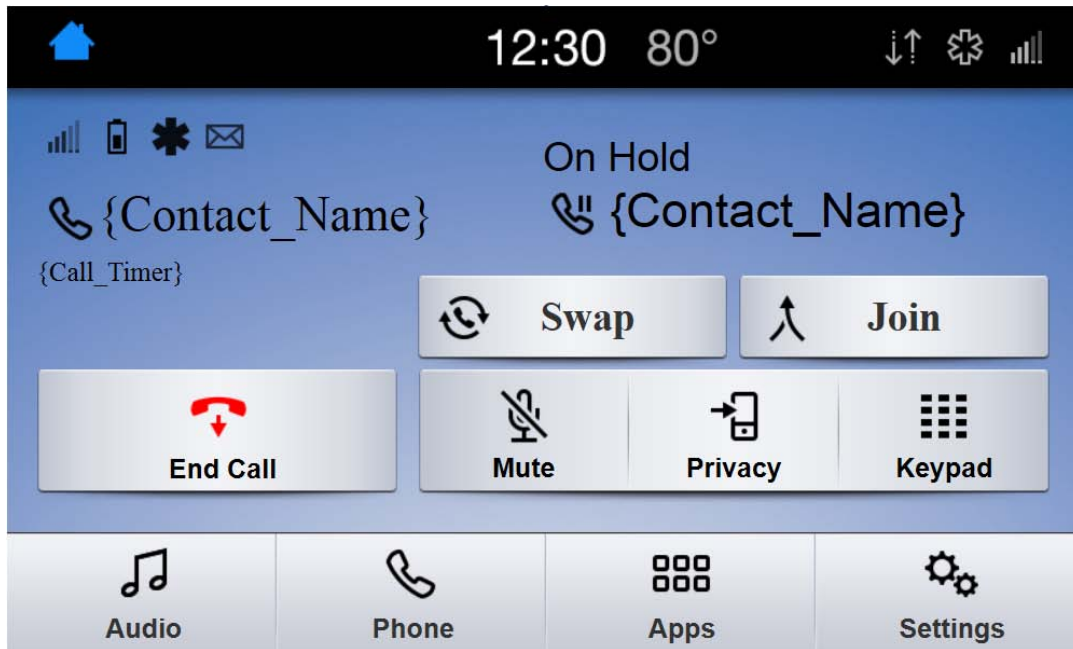
2. Previous Call Connected



If there is an active call when there is an incoming call, the user will see a screen with additional options.

- The user can Reject the call and continue with the current call.
- The user can end the current call and accept the new incoming call.
- The user can place the current call on hold and the new call will be connected. Once the call has ended, the call on hold will be reconnected.

3. Call Connected Features



Once the call is connected, the display will show the connected call screen.

i. Contact Name

Displays the contact name if available. If not available, the phone number will be displayed.

ii. Phone status

Provides icons for the phone status that can be supported by the phone.

iii. Call timer

Displayed the current duration of the call.

iv. End Call

Button to end the call.

v. Mute Microphone

Button to mute the in vehicle microphone.

vi. Privacy

Button to transfer the call audio to the mobile phone.

vii. Keypad

Will provide the DTMF tones and display the keypad digit when pressed.

viii. On Hold

If there is a call is on hold, the contact name on Hold will be displayed, the Microphone mute button will be replaced with a Hold button.

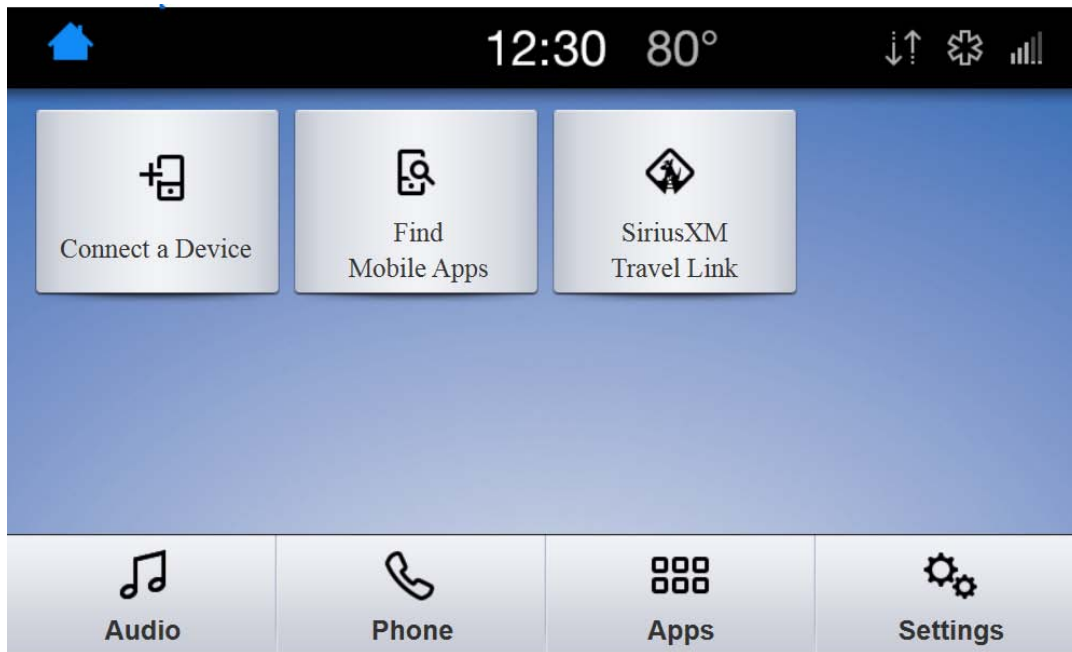
ix. Swap

If there is a call on hold, the user can press, the Swap button to place the active call on hold and activate the call that is on hold. The displays will be updated to show the swapped status.

x. Join

If there is a call on hold, the user can press the Join button to create a conference call with the two calls. Once the second call is active, the screen will indicate a conference call and display the contact name or number that has joined.

7. Apps



Pressing the Apps button on the bottom menu bar will change the screen to the main Apps screen.

a. Connect Device

Pressing this button changes the screen to allow the selection of already paired devices or to connect to a new device. The currently connected device will be indicated.

Pressing any of the already paired devices will connect to that device

b. Find Mobile Apps

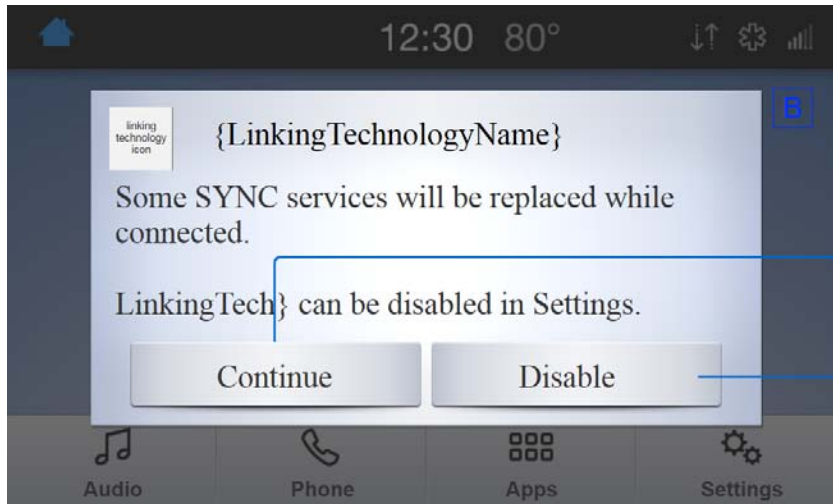
Pressing this button will result in the system searching for apps in the connected device if available.

8. Projection Modes

Possible projection modes, depending on availability in a market: Android Auto, Carplay, Baidu Carlife.

a. First time connection

When a device is connected and will support a projection mode, the screen will display a first time connection to the projection mode.



If the selects to continue, the screen will display the specific projection mode privacy and terms of use. The user must agree to proceed with setting up the projection mode.

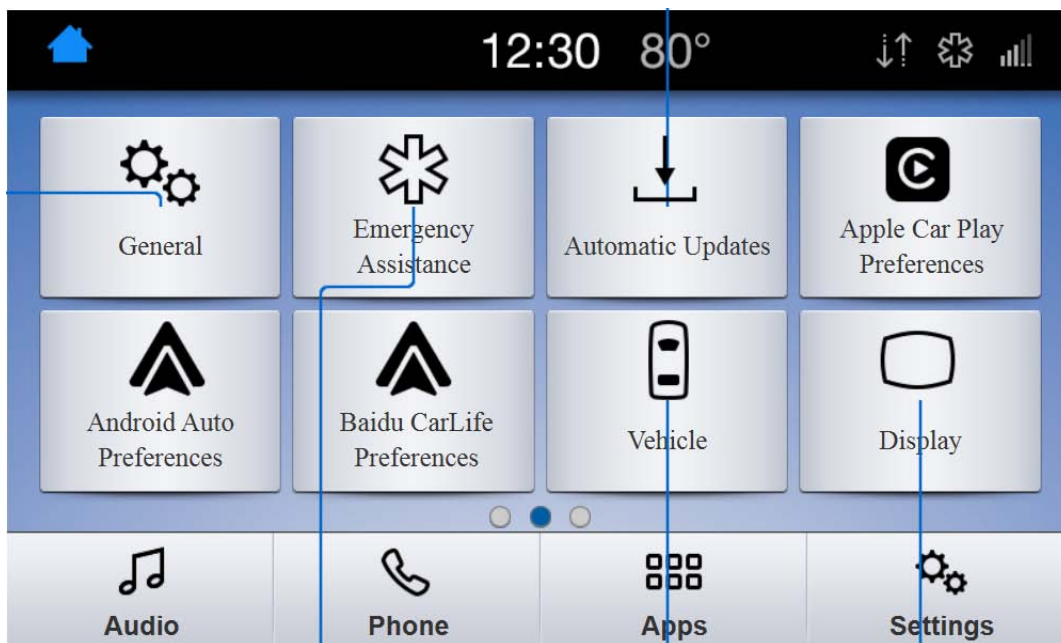
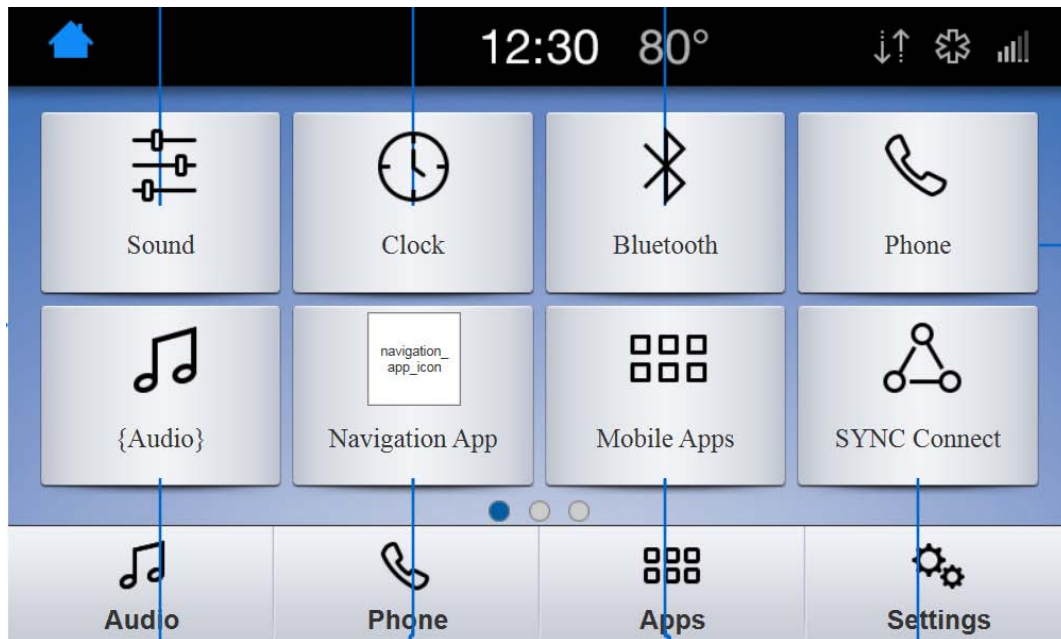
Once the projection mode is set up, the system will add the following:

- The Entertainment system will add the projection mode to the Entertainment Sources display.
- The Apps button will be replaced with the connected projection mode.
- Nav Maps button will be displayed if supported.

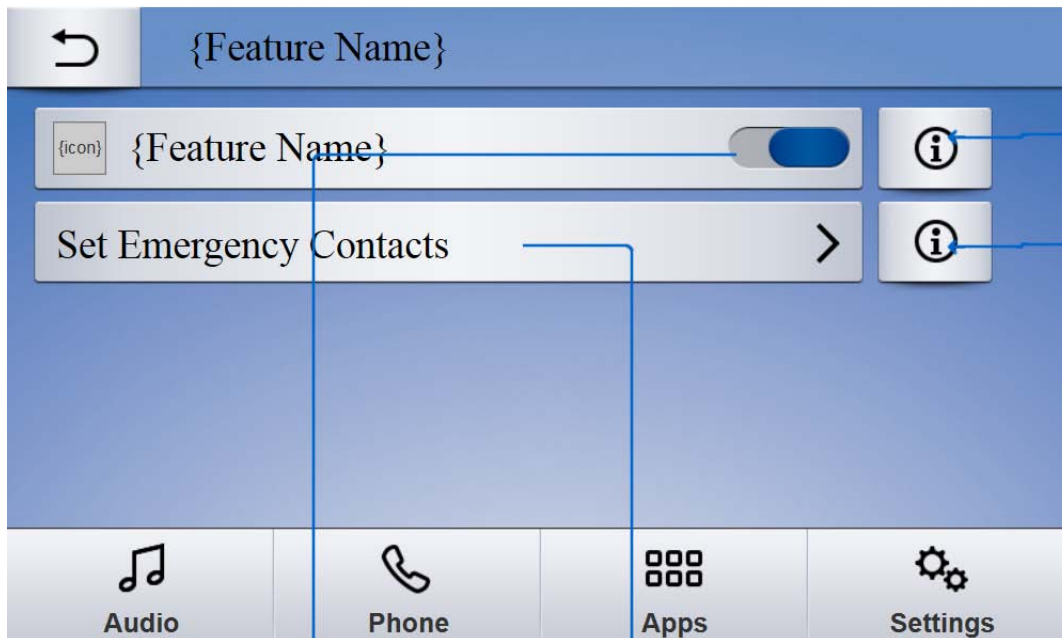
The system will check for automatic connection to projection modes is set. If set and the connection has successfully completed, the display will transition to the projection screen controlled by the device.



9. Settings



a. 911 Assist



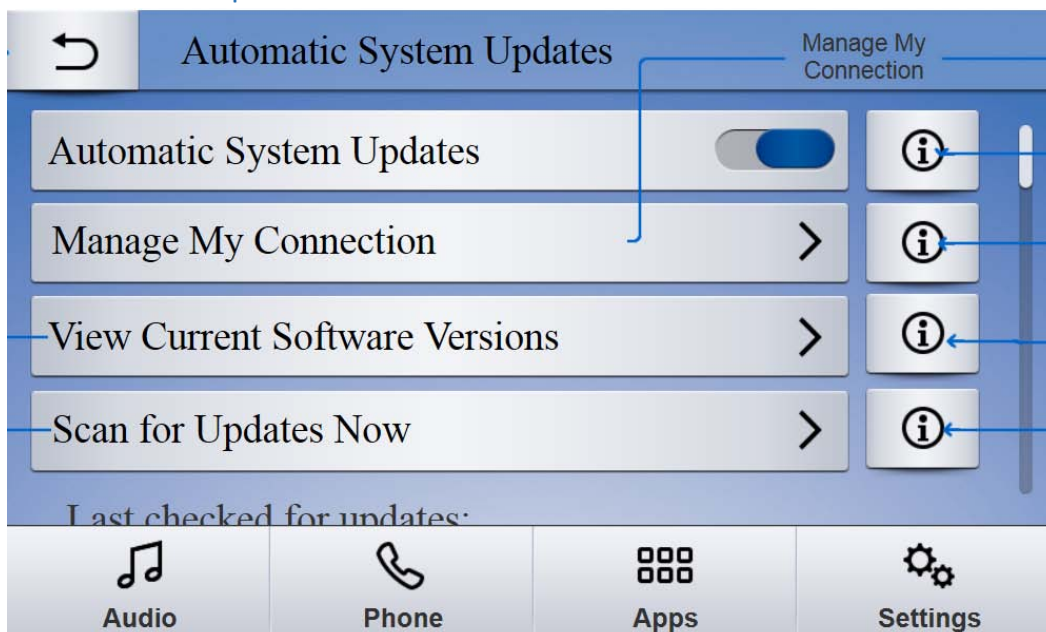
1. 911/Assist Feature

- If a device is connected, a selection to allows the 911 Assist/Emergency Assist to be turned On or Off. If there is no device connected, there will be a message that a connected phone is required.

2. Set Emergency Contacts

- If the phone contacts have been downloaded, there will be a setting to allow a contact to be set for an emergency call.

b. Automatic Updates



1. Automatic System Updates

- User can turn the automatic software downloads On and Off.

2. Manage My Connection

- User can determine the status of connections and be able to connect and disconnect from networks.

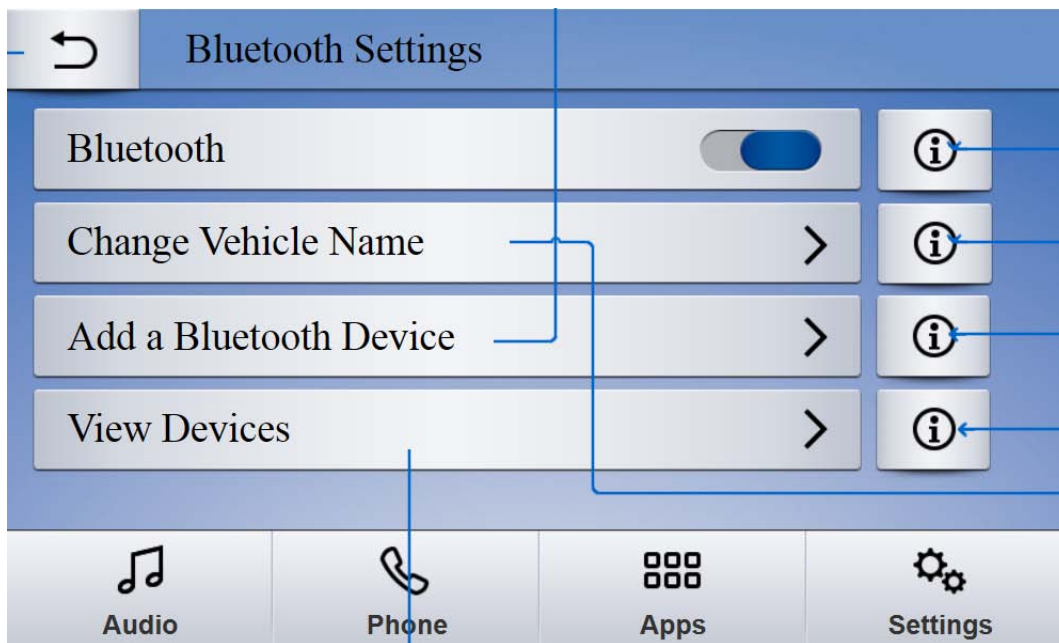
3. View Current Software Versions

- User can view current software versions.

4. Scan for Updates Now

- When connected, the user can check if software updates are available. If updates are available, the system will start the download and shows the progress bar for percentage complete.

c. Bluetooth



1. Bluetooth

- User can select to turn Bluetooth connection On and Off.

2. Change Vehicle Name

- Allows the vehicle name to be changed; the name displayed on the device when pairing or connecting.

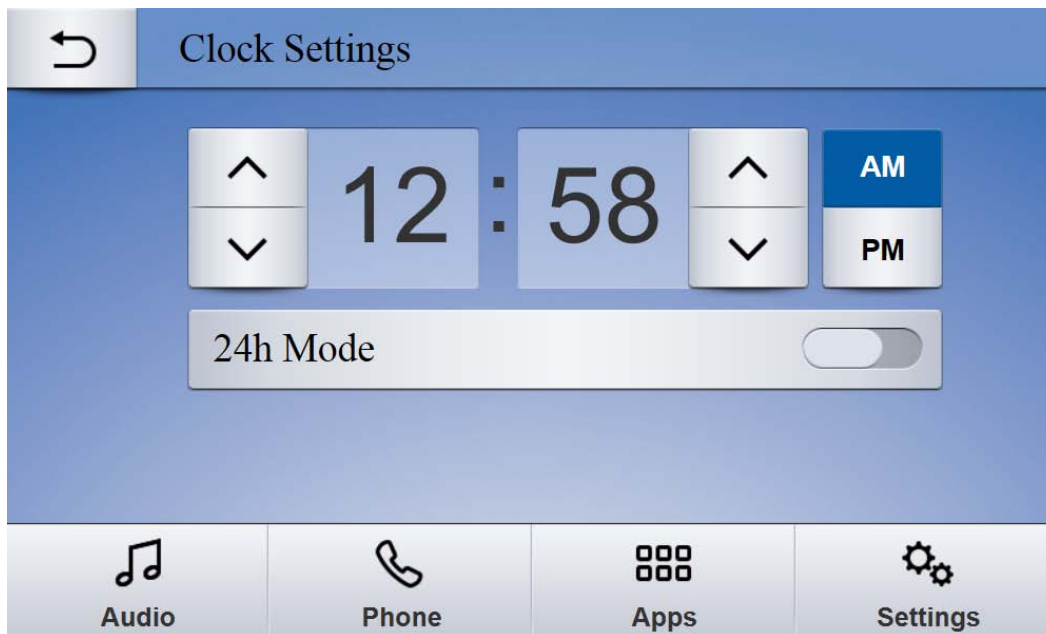
3. Add a Bluetooth Device

- User can add a new Bluetooth device.

4. View Devices

- If at least one device is connected, user will be able to view a list of the available devices.

d. Clock



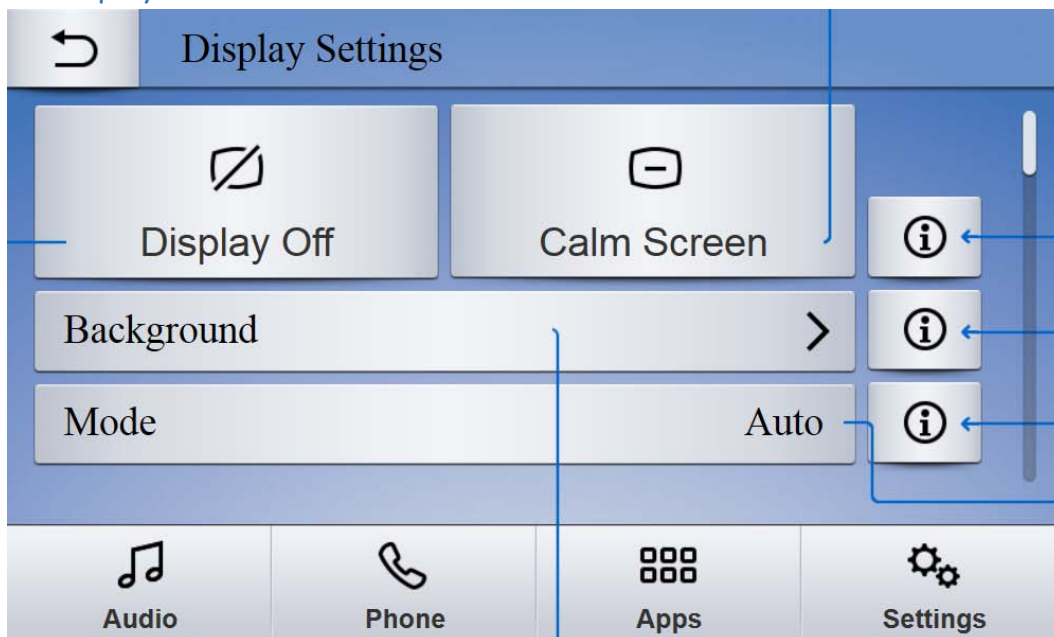
1. Clock Setting

- User can directly change the hours and minutes and AM/PM (for 12h clock mode).

2. Mode

- User can choose from 12 hours clock or 24 hour clock display format.

e. Display



1. Display Off

- User can choose to turn the DisplayOff. If Off is selected, the display will be completely black. Touching any area on the screen will turn the display On.

2. Calm Screen

- User can select to display a Calm Screen (clock display only).

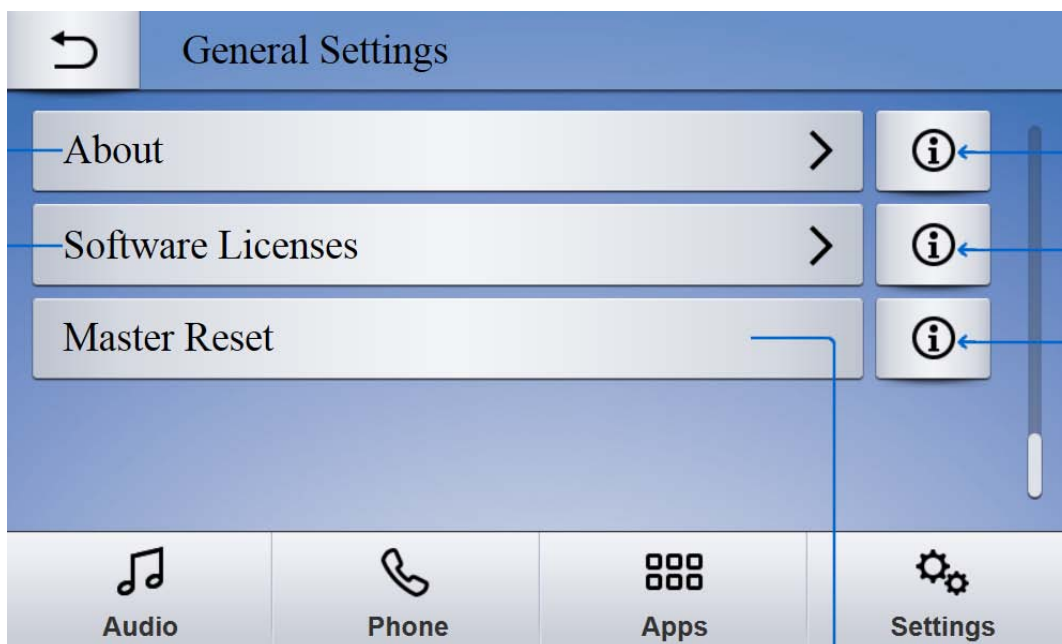
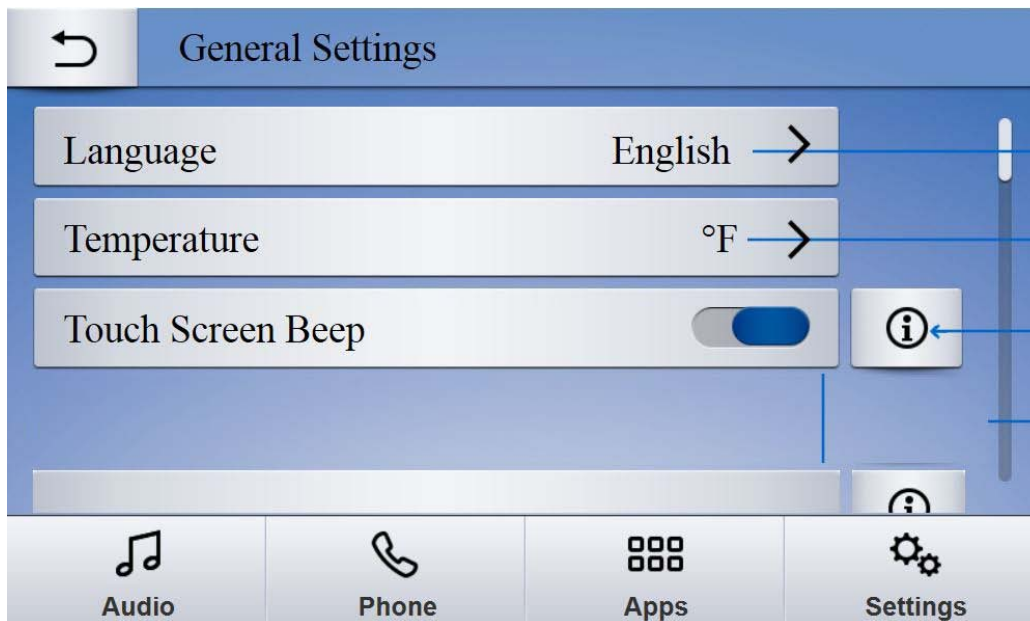
3. Background

- User can select from a set of backgrounds.

4. Mode

- User can select the mode (Day, Night or Auto)

f. General



1. Language

- Provides a setting to change the language. The list of languages available will depend on the default language.

2. Temperature

- User can change the temperature units between degrees C and F.

3. Touch Screen Beep

- User can turn the touchscreen beeps On and Off.

4. About

- Provides an “About” screen to display software version and some part numbers.

5. Software Licenses

- Provides a screen to show SW license information.

6. Master Reset

- Provides a Master Reset to change settings back to factory default.

g. Mobile Apps



1. Enable Mobile Apps

- User can enable or disable mobile apps connected through Bluetooth.

2. Enable Mobile Apps via USB

- User can enable or disable mobile apps to be connected through USB. If mobile apps are connected using USB, the device may lose the ability to play music over USB.

3. Update Mobile Apps

- User can choose to update the mobile apps.

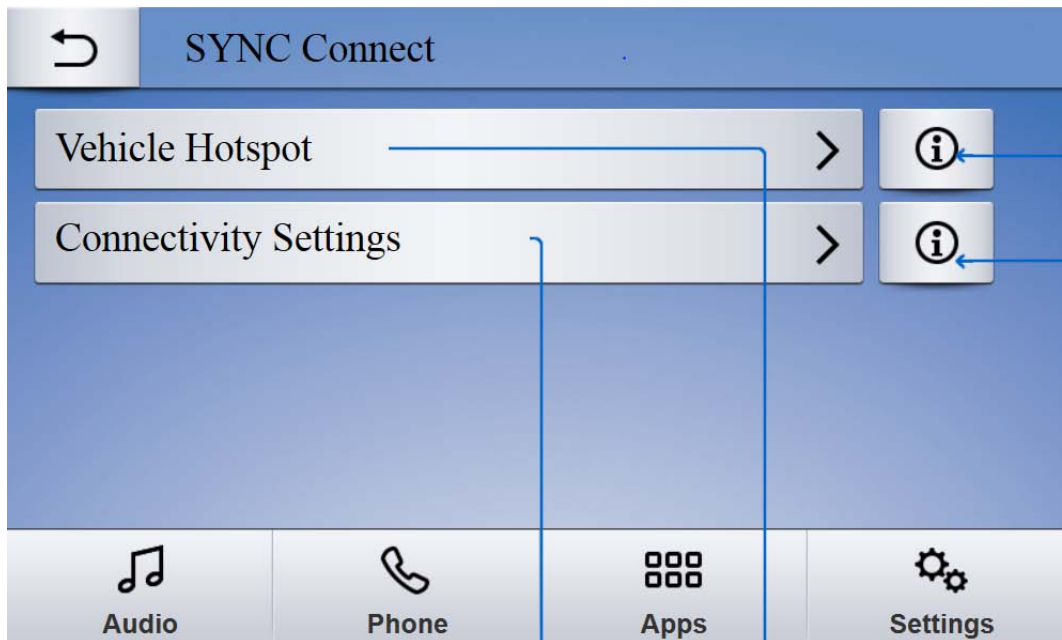
4. All Apps

- User can select to show all mobile app and change some functionality features.

5. Nav Apps

- User can select an available Nav app.

h. SYNC Connect



The SYNC connect setting supports the Vehicle Hotspot and the Wi-Fi Connectivity settings.

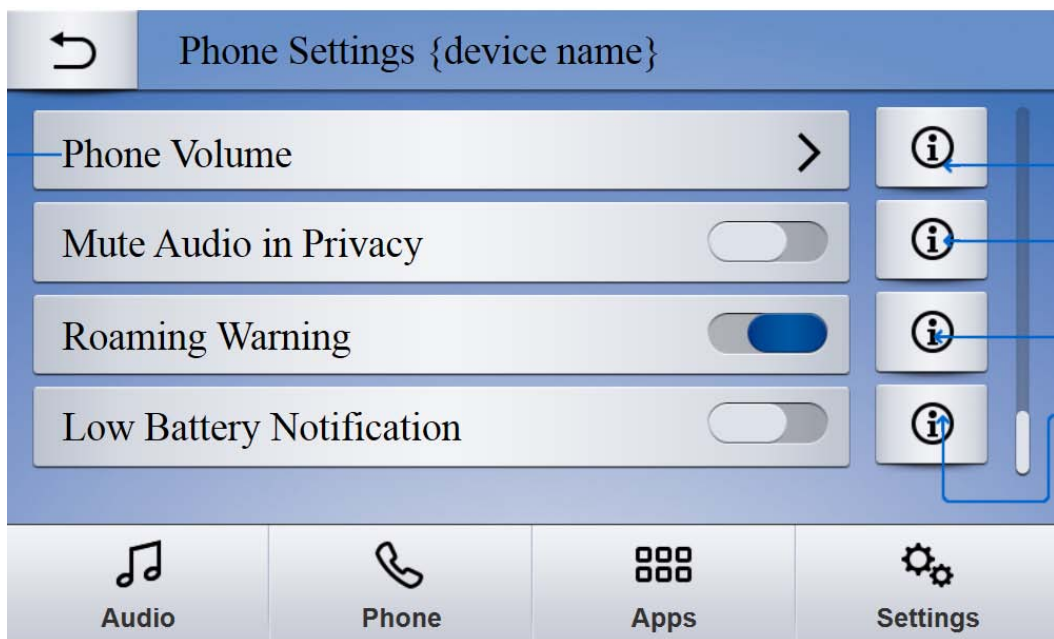
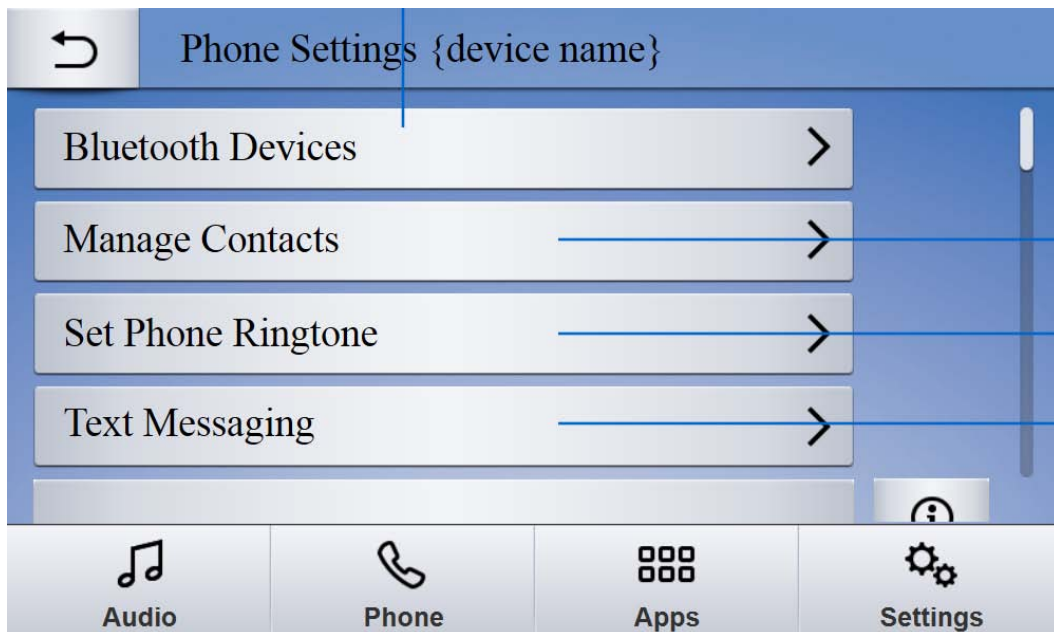
1. Vehicle Hotspot

- Will provide a free trial for Provides information for the carrier
- Will provide the ability to manage My Account
- Will provide information about the Hotspot connection availability
- Will provide information about the data usage
- Will show signal strength status

2. Connectivity Settings

- There will be settings to control automatic updates
- Will allow pop-up display to be active or inactive
- Will allow location and vehicle data sharing to be enabled or disabled

i. Phone



1. Bluetooth Devices

- Pressing the Bluetooth Devices button will change the screen to the Bluetooth Settings screen.

2. Manage Contacts

- User can select to automatically download contacts when connected.
- User can select how to sort contacts
- User can choose to reload contacts
- User can delete all contacts from vehicle

3. Set Phone Ringtone

- User can select a ringtone or choose to use the phone ringtone

4. Text Messaging

- User can turn On and Off Text Messaging
- User can edit a list of defined text message responses
- User can choose no audible alert or select an alert when a message is received.

5. Volume

- User can adjust the phone volume independently from the media volume.

6. Mute Audio in Privacy

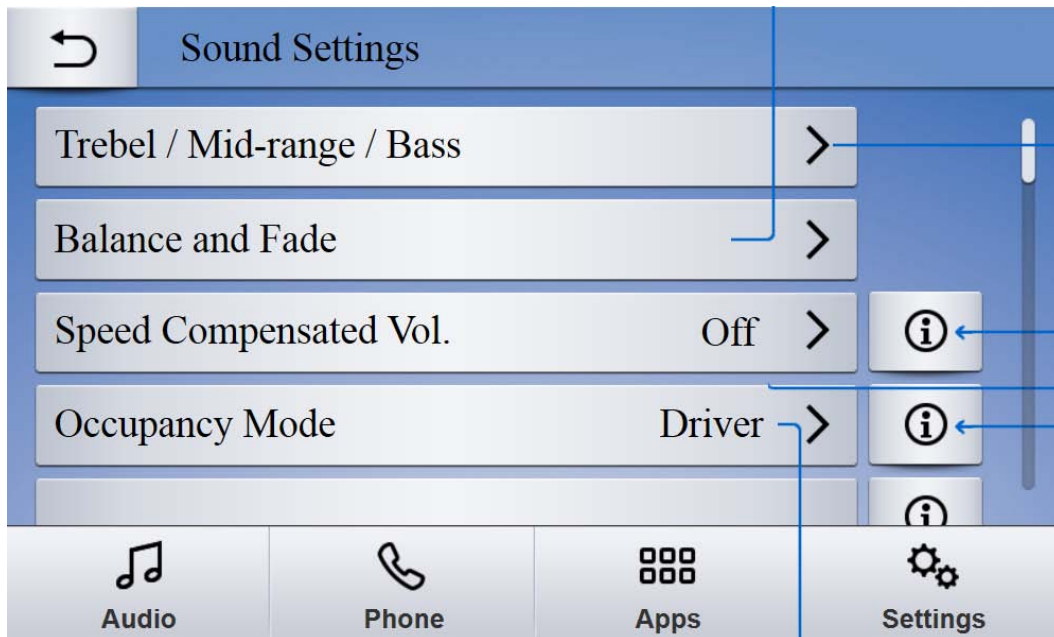
- User can select to mute audio when Privacy Mode is selected

7. Roaming Warning

- User can choose to turn On and Off a roaming warning

8. Low Battery Notification

j. Sound



1. Trebel/Mid-range/Bass

- User can adjust the levels for Treble, Midrange and Bass.

2. Balance and Fade

- User can adjust the levels for balance and fade.

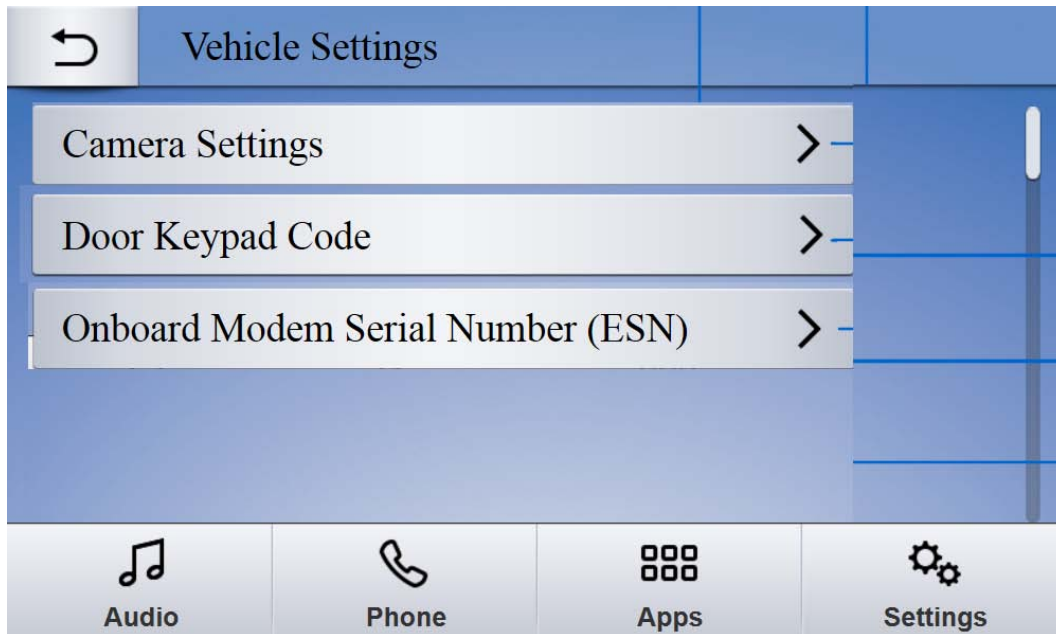
3. Speed Compensated Volume

- User can choose the level of Speed Compensated Volume (OFF, Low, Medium, High)

4. Occupancy Mode

- User can select a setting to tune the audio for the occupancy Mode (Driver or All Seats)

k. Vehicle



1. Camera Settings

- User can select the enhanced parking aid to be turned On and Off.
- User can select to turn On and Off the Rear View camera delay (displaying camera in Forward gear)

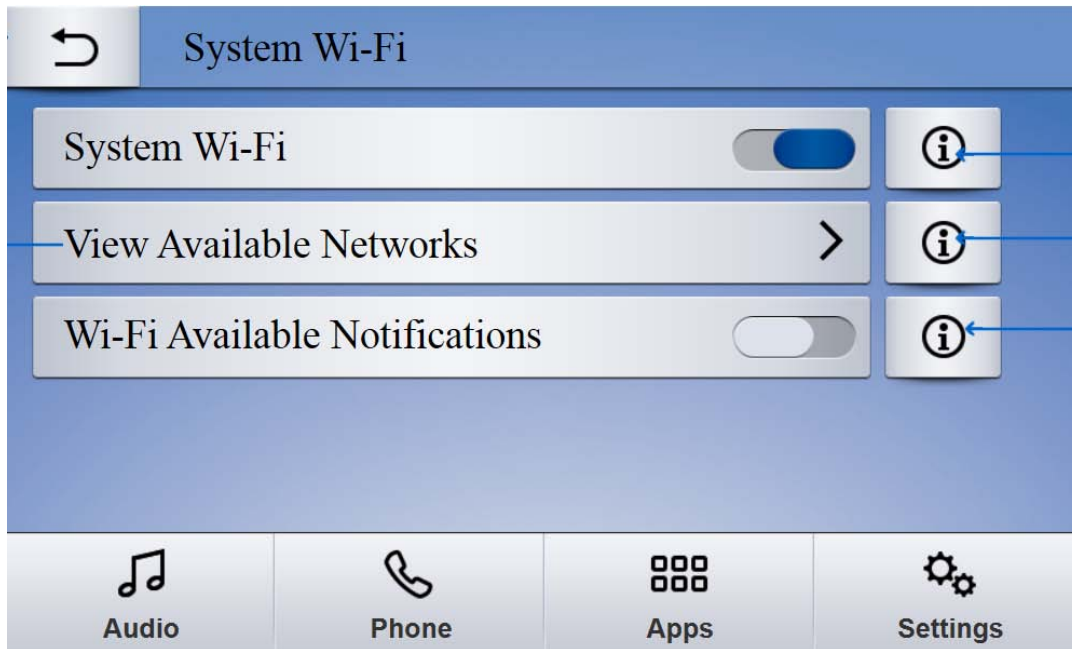
2. Door Keypad Code

- User can reset or edit a door keypad code.

3. Onboard Modem Serial Number (ESN)

- Displays the On-Board Modem ESN (If equipped).

l. Wi-Fi



1. System WiFi

- User can select to turn the Wi-Fi system On and Off.

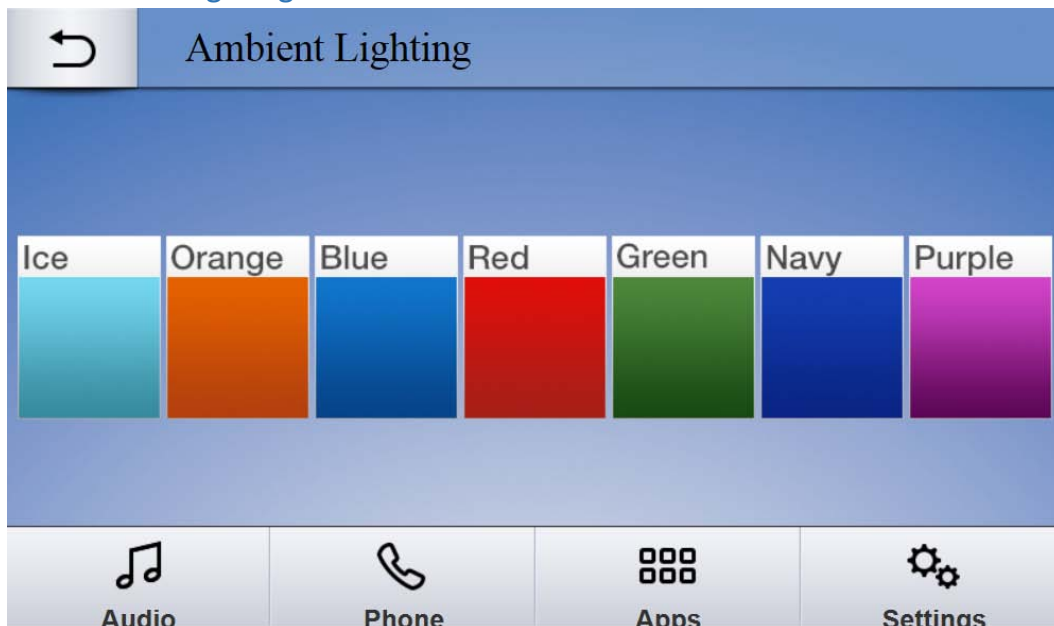
2. View Available Networks

- User can view available networks.

3. Wi-Fi Available Notifications

- User can select to turn On and Off the Wi-Fi availability notification.

m. Ambient Lighting



- Allows the customer to change the vehicle ambient lighting color

n. Apple Carplay Preferences

The screen will show the list of devices that have been paired. For each of these devices, there are selections available.

- Has a selection to Turn On and Off the Apple Carplay projection mode.
- Has a selection to show Apple Carplay when device is connected.
- Has a selection to delete the device.

o. Android Auto Preferences

The screen will show the list of devices that have been paired. For each of these devices, there are selections available.

- Has a selection to Turn On and Off the Android Auto projection mode.
- Has a selection to show Android Auto when device is connected.
- Has a selection to delete the device.

p. Baidu Carlife Preferences

The screen will show the list of devices that have been paired. For each of these devices, there are selections available.

- Has a selection to Turn On and Off the Baidu Carlife projection mode.
- Has a selection to show Baidu Carlife when device is connected.
- Has a selection to delete the device.

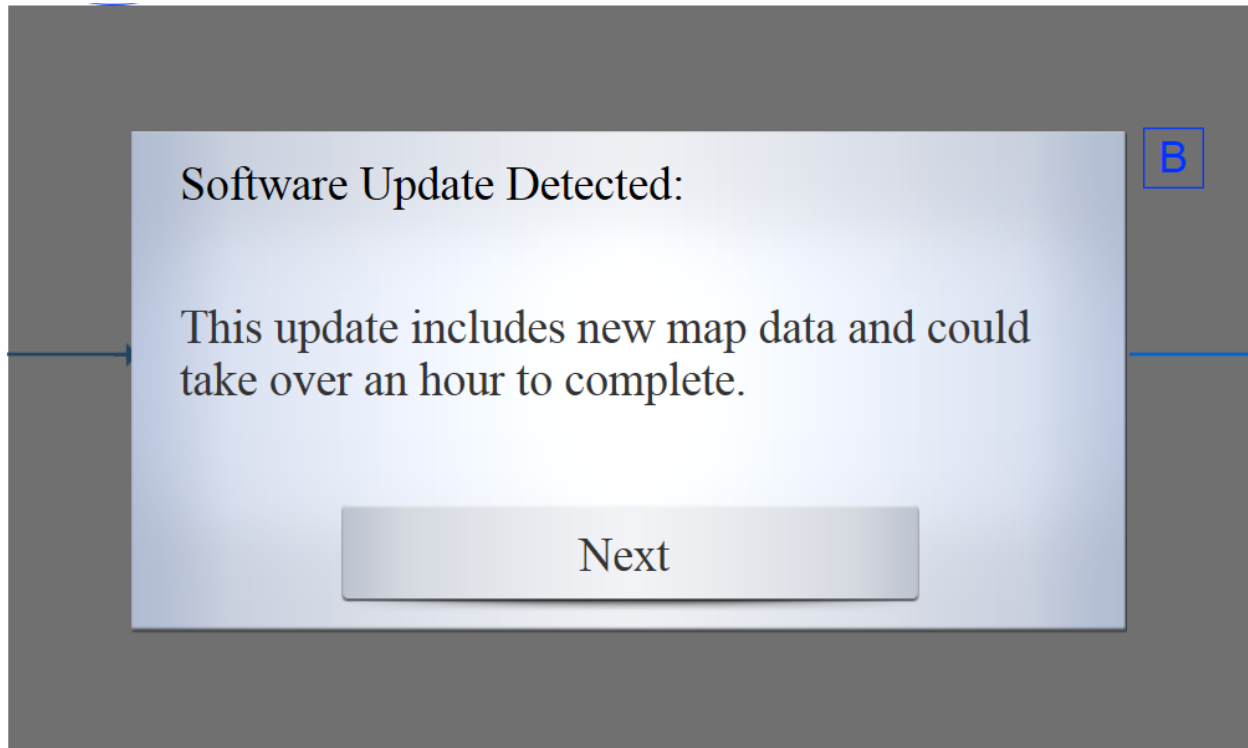
10. Emergency Assist

If the vehicle reports a qualified crash event in a market that support the feature, the infotainment system will support the Emergency Assist feature.

- If the user has turned off the feature, there will be a notification that the Emergency Assistance is Off and the emergency call will not be placed.
- If the feature is turned on and there is no mobile phone connected, the user will be notified that a call cannot be placed.
- If, at any time, the feature is determined to be non-operational, a warning will displayed to indicate this status to the user.
- If the feature is turned on and there is a mobile phone connected, the feature will be active and support the following:
 - A prompt will be played to indicate that the systems will attempt to call 911.
 - A display will inform the user that the call is being placed. The user will have the option to cancel the call using the screen or the steering wheel controls.
 - Once the call is connected, the system will provide Prompts to a PSAP operator with crash information.
 - When the call is connected to the PSAP operator, the screen will indicate that the systems is connected to an emergency operator.

11. Software Updates

When a USB device is inserted, the infotainment system will determine if a software update is available to be downloaded. The user will be informed that a software update is available and indicate some information for the download.



The screen will offer the user to proceed with the software update or decline the update. When the update is completed, the user will see an indication that the Update installation is completed.

12. Nav Map

If a nav map is enabled and available using a projection mode, the Nav Map buttons will appear on the lower menu bar. When pressed, the nav map app will be activated.

13. Vehicle Features

a. Active Park Assist/ Visual Park Assist

- The infotainment display will support many warning and information icons as part of the active and visual park assist

b. Chimes

- The infotainment system will provide many chimes and warnings using the in-vehicle audio system

c. Climate Control

- The infotainment system will support a reduced fan blower speed to limit the noise and enhance the voice recognition
- The infotainment system will provide a pop-up screen to allow the Auto Fan speed to be limited to a level (Low, Medium, High)
- A pop-up will be displayed when the fan blower speed is increased or decreased
- A pop-up will be displayed when the driver or passenger is increased or decreased

d. Emergency Assistance

- When a crash event occurs and the 911/Assist feature is enabled and a connected phone is available, the system will notify the customer and attempt to place a 911/emergency call. The customer will have the option to cancel the call.
- If privacy mode is enabled, the customer will be notified to use the mobile phone to make the call.

e. MyKey

MyKey is a feature that will reduce driver distraction by restricting some functionalities while the vehicle is moving.

- If the Volume Limiter feature is enabled, the infotainment systems will limit the audio volume above a specified speed. A message will be displayed to indicate the volume limit.
- If the Beltminder Mute feature is enabled, the infotainment system will mute the audio system (tuner, media and TA) until the seatbelt is fastened. A message will be displayed to indicate the mute condition.
- If the Mykey is enabled, the Do Not disturb feature will overridden to On.
- If the MyKey is enabled, the 911 Assist will be overridden to On.

f. Rear View Camera

When the vehicle transmission is in reverse, the rear view image will be displayed on the infotainment screen.

g. Wireless Charging

- When a device is charging or attempting to charge, notification or information will be displayed.

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.