

Stinger®

6.8"
Infotainment
System


Wireless

Works with
 Apple CarPlay
Works with
 Android Auto

PN: IE268



IE268

USER GUIDE

SiriusXM
READY

 **Bluetooth®**



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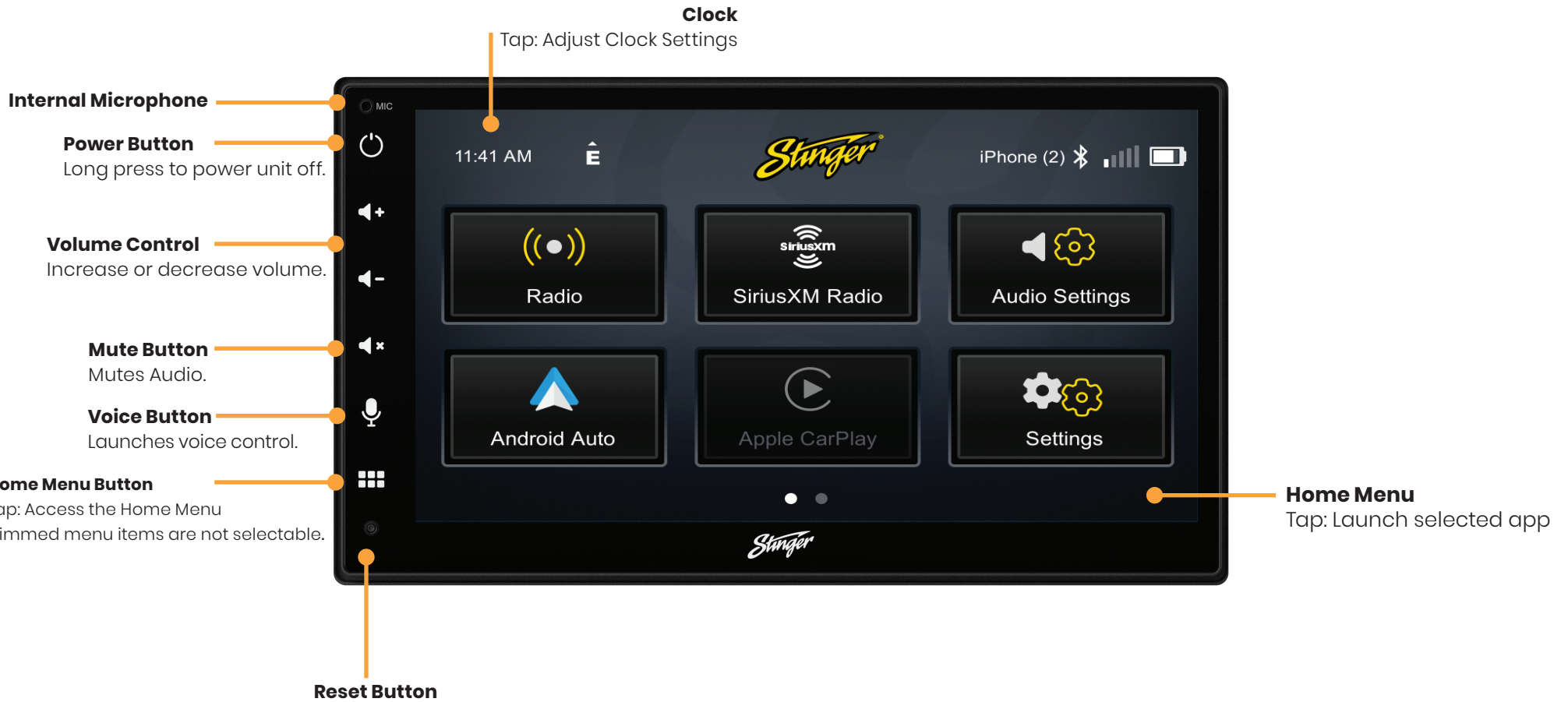
WELCOME TO YOUR NEW

IE268

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THE BASICS



GETTING STARTED



POWER UP!

With vehicle ignition in the ON or ACC position, the radio will automatically power on.

The source will automatically default to the last source used prior to powering down your IE268.

You can adjust the audio volume at start-up in **Audio Settings** on page 43.

The **Information Bar** is located at the top of the screen. Depending on the SOURCE, it will provide information or content sensitive controls. Also, displays time, phone info and Android Auto or Carplay connection status.

To select a SOURCE, press the HOME button. Sources that are not currently available are grayed out.

Display Off

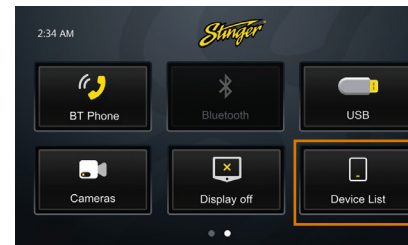
Press **Home Button > Swipe left > Display Off** to turn off your IE268. You can also short press the Power button on the face to power off display.

This is useful at night to prevent eye fatigue

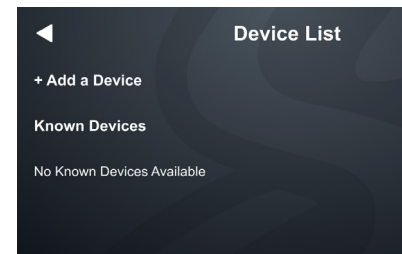
Tap anywhere on the screen to turn the display back on.

GET CONNECTED

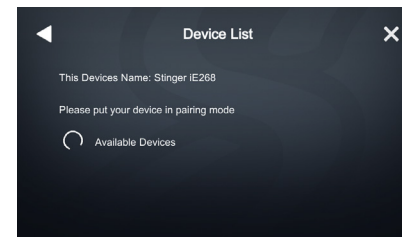
1. Swipe left on the homescreen and tap Device List.



2. Make sure your device is in pairing mode and tap +Add a Device.

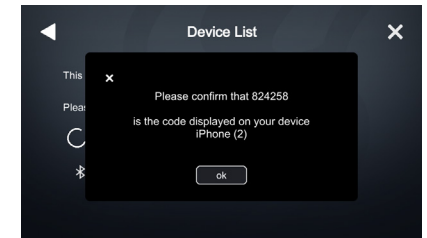


3. Select your device from the list.

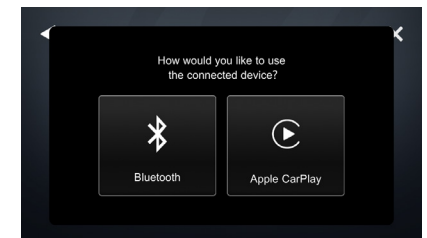
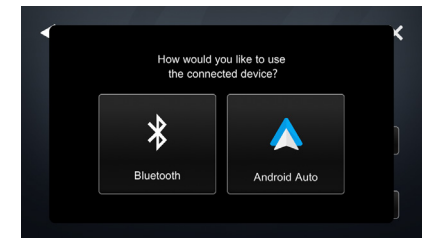


If your device does not appear in the device list, confirm it is discoverable and tap Available Devices to rescan.

4. Confirm PIN Code on the head unit screen and the device.

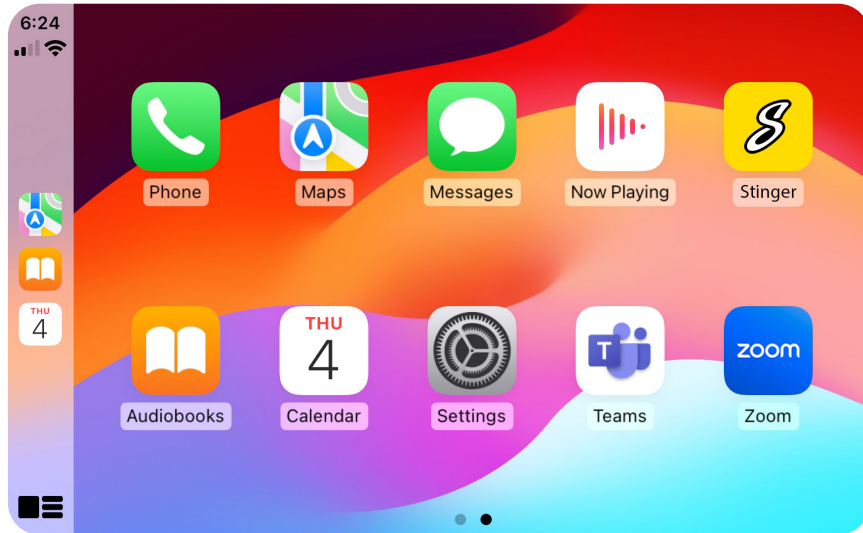


5. Select the connection type you want to use with your device (bluetooth / phone projection).



If you choose phone projection, your phone projection application will launch automatically.

APPLE CARPLAY™



You can use Apple CarPlay to get directions, make calls, send and receive messages, and more.

You need an iPhone 5 or later to use Apple CarPlay. Also, make sure that you're in an area that supports Apple CarPlay and that Siri is on. To turn on Siri on your phone, go to Settings > Siri & Search.

Set up Apple CarPlay

With the your vehicle running, plug your iPhone into the your head unit's USB-C port. Apple CarPlay will launch automatically.

You can also connect your iPhone wirelessly to enjoy Apple CarPlay. For detailed instructions see GET CONNECTED on Page 7.

Using Apple CarPlay

If your iPhone is already connected, press **HOME BUTTON > Apple CarPlay** to launch Apple CarPlay. You can also tap the CarPlay icon in the top right information bar to launch CarPlay.

The display will show available applications that are compatible with Apple CarPlay

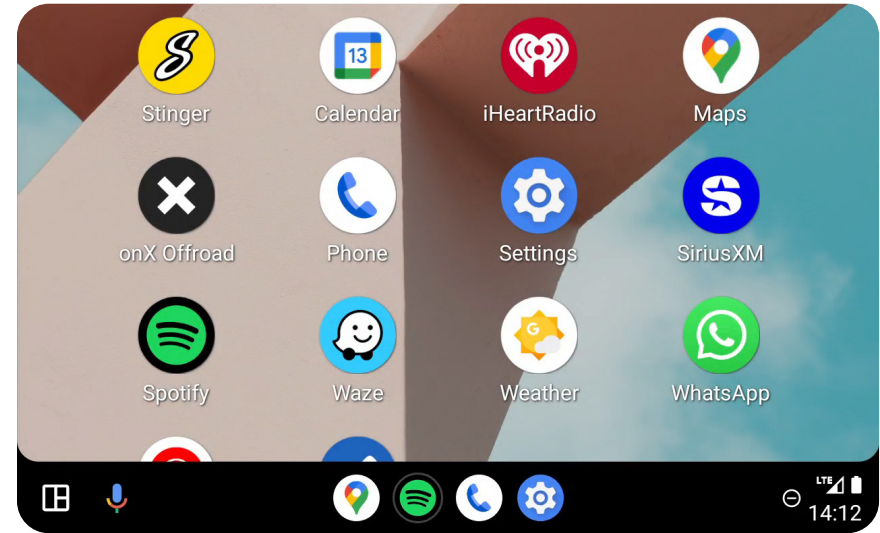
To exit Apple CarPlay, press the Stinger Home Menu icon.

NOTE: If Apple CarPlay will not launch, see Troubleshooting.

More Info

For details about Apple CarPlay, visit <https://support.apple.com/en-us/HT205634>

ANDROID AUTO™



You can use Android Auto to get directions, make calls, send and receive messages, and more.

Make sure your phone is running Android 5.0 (Lollipop) or later. Download the Android Auto app from Google Play on your device. Once the app is installed, open the app and follow the setup steps.

Set up Android Auto

With your vehicle running, but parked, connect your USB-C Android Phone into your head unit's USB-C port.

You can also connect your Android device wirelessly to enjoy Android Auto. For detailed instructions see GET CONNECTED on Page 7.

Using Android Auto

If your Android device is already connected, press **HOME BUTTON > Android Auto** to launch Android Auto. You can also tap the Android Auto icon in the top right information bar to launch Android Auto.

The display will show available applications that are compatible with Android Auto

To exit Android Auto, press the Stinger Home Menu icon.

NOTE: If Android Auto will not launch, see Troubleshooting.

More Info

For details about Android Auto, visit <https://www.android.com/auto/>

AM/FM RADIO™



Press the **HOME BUTTON** > **Radio** to select the Radio source.

1. Station Presets

To assign a preset, go to desired channel, press and hold a preset button for 2 seconds to store the station. A total of 15 FM & 10 AM stations can be stored in memory.

2. AM/FM

Press to cycle through AM/FM Presets.

3. Station Information Display

These two lines display Show / Artist / Track Name for current station. They also include ads and alerts.

Note: Information will only appear when broadcasted by the station selected.

4. Tune / Seek Down

Tap to tune frequency down. Press and hold to seek the next available radio station.

5. Station Frequency Display

Displays currently tuned frequency.

6. DX/LOC

Changes radio tuner sensitivity. Touch to toggle between distant (DX) and Local (LOC).

7. Auto Presets

Tap to automatically program channel presets. This will reprogram all existing presets.

8. Direct Tune

Touch to tune directly in the current band (FM/AM). Once the desired frequency is entered, tap go to tune.



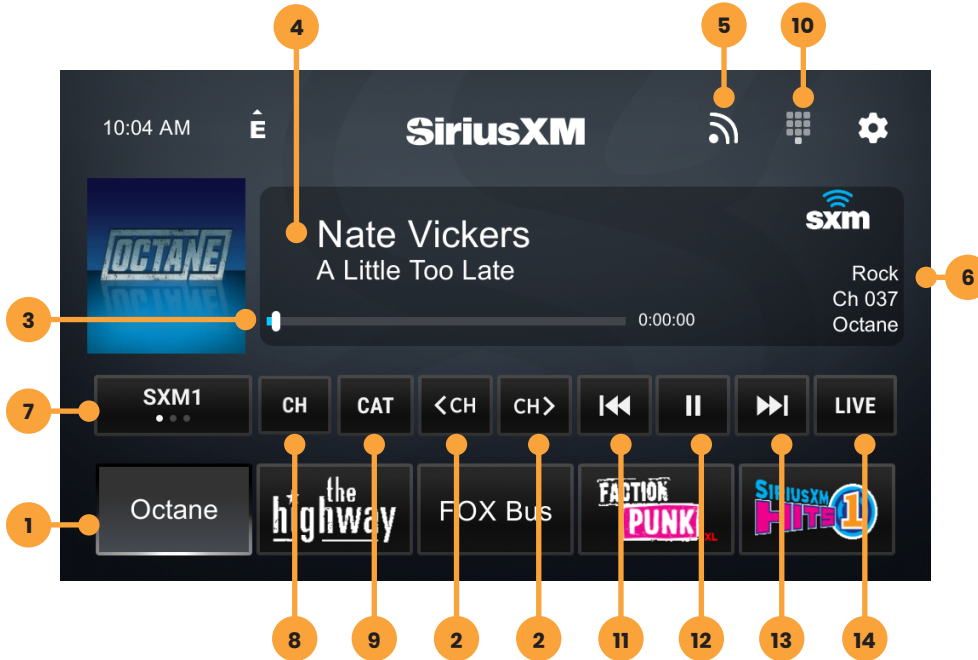
9. Scan By Genre

Tap to select a genre. The head unit will display the HD Radio screen and scan for the next available station whose PTY genre listing matches the selected option.

10. Displayed Genre

This section will display what PTY genre has been selected to set radio presets.

SIRIUSXM® SATELLITE RADIO (optional)



Press the **HOME BUTTON > SiriusXM** to select the SiriusXM Radio Source

1. Channel Presets

To assign a preset, press and hold until button highlights and channel name appears. Tap a preset to tune to the preset station.

2. Channel Down/Up

Tap to advance through station presets. Long Press to advance to previous/next channel. Hold 5+ seconds to rapidly browse channels.

3. SiriusXM Replay™ Time Bar

Shows time remaining in the Replay audio playback buffer.

4. Channel Info

Displays channel name, song/content info.

5. Signal Strength

Displays tuner signal strength, 0-3 bars.

6. SiriusXM Info

Displays current channel category, channel number, and preset bank number.

7. Band

Tap to cycle through SXM Preset banks (1-3)

8. CH

Tap to display a list of available channels with channel information.

9. CAT

Tap to display a list of channel categories.

10. Direct Tune

Tap to tune by channel number directly.

11. Rewind/Track Down

Tap to browse to previous song. Hold to move backwards through stored audio. (Replay Only)

12. Pause/Play

Touch to pause live broadcast / play stored audio. (Replay Only)

13. Fast Forward / Track Up

Tap to advance to next song. Hold to move forward through stored audio. (Replay Only)

14. LIVE

Tap to return to live broadcast when listening to stored audio. (Replay Only)

SiriusXM Radio Overview

SiriusXM is where moments happen. The widest, deepest variety of music, ad-free. More games, more sports, more coverage than anywhere. Listen in your car, on your phone, online and at home.

A SiriusXM Vehicle Tuner and subscription are required. For more information, visit www.siriusxm.com.

** SiriusXM Satellite Radio controls on this unit are only available when a SiriusXM Tuner is connected.*

SIRIUSXM® Activation

Activating your SiriusXM Subscription

After installing your SiriusXM Connect Vehicle Tuner and antenna, wake your radio and select SiriusXM mode.

You should be able to hear the SiriusXM preview channel on Channel 1. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the preview channel, tune to Channel 0 to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and its packaging. You will need this number to activate your subscription. **The SiriusXM Radio ID does not include the letters I, O, S, or F.*

Activating in the US:

- Visit www.siriusxm.com/activatenow
- Call SiriusXM Listener Care at 1-866-635-2349

Activating in Canada:

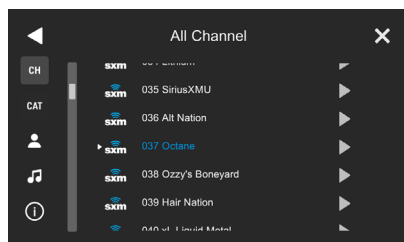
- Visit www.siriusxm.ca/activatexm
- Call XM customer Care at 1-877-438-9677

As part of the activation process,

the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: Subscription Updated. Once subscribed, you can tune to channels in your subscription plan. Note, the activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be on and receiving the SiriusXM signal to receive the activation message.

Channels (CH)

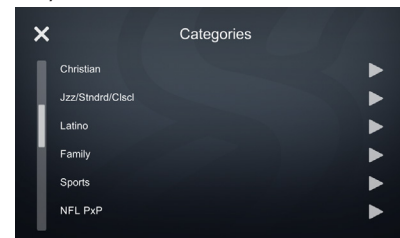
Displays a list of available SiriusXM channels in numerical order. Scroll up or down to navigate, touch a channel listing to tune to the desired channel. Selecting Name, Artist, Song, or Station Info will toggle the information being displayed.



Categories (CAT)

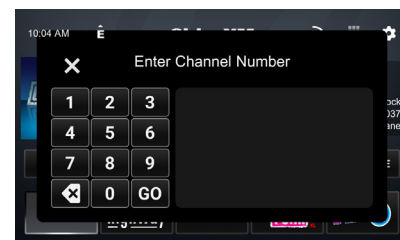
Displays a list of channel categories. Selecting a category shows a filtered list of channels. Selecting All Channels will remove

any filters on the Channel List.



Direct Tuning

Touch the keypad icon to launch a keypad for direct channel number entry. See Page (15) for Parental Control function.



SiriusXM Replay™

Replay allows you to pause, rewind, and replay up to 1 hour of live SiriusXM Satellite Radio.

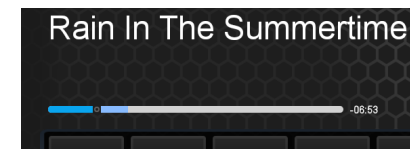
Pressing Pause or Rewind while listening to a live broadcast will enable Replay mode.

The replay time bar will appear when replay is active.

When you reach the end of the stored audio buffer, you will return

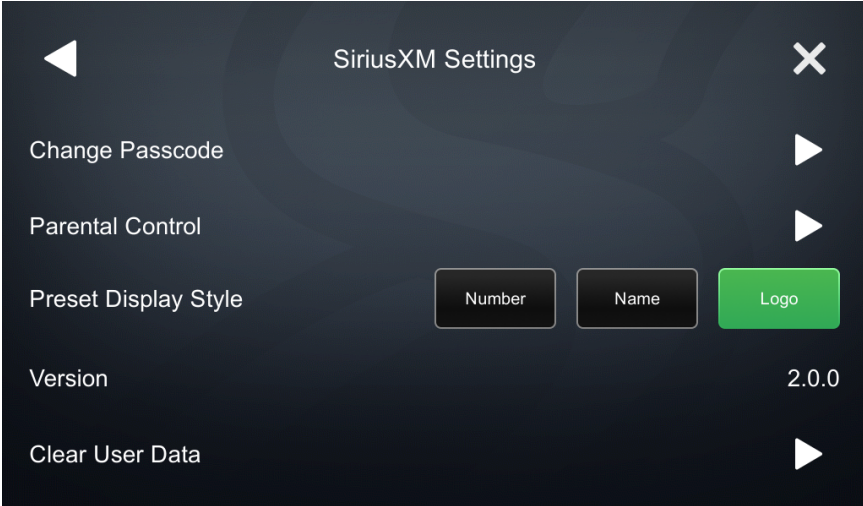
to live broadcast audio.

You can also touch the **[LIVE]** button to return to live broadcast of the current channel.



SiriusXM allows you to prevent access to inappropriate mature content. When enabled, Parental Control requires you to enter a passcode to access channels rated Mature.

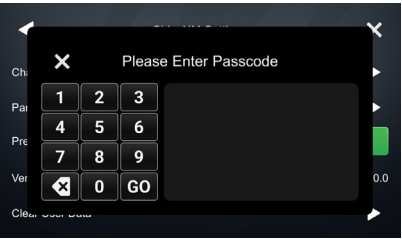
SIRIUSXM® Settings



Passcode

By default, all channels are unlocked and the lock code is **1234**

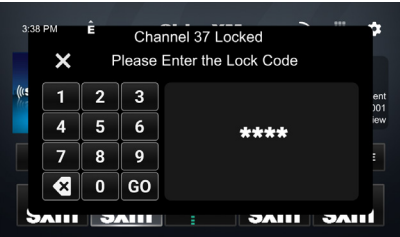
To change the passcode click **Change Passcode > Set Lock Code > Enter Passcode.**



Parental Controls

To access Parental Control Settings:
1. When direct tuning, tap the parental controls button to enter the Parental Controls menu directly. You'll be asked to enter the lock code before you can change settings.

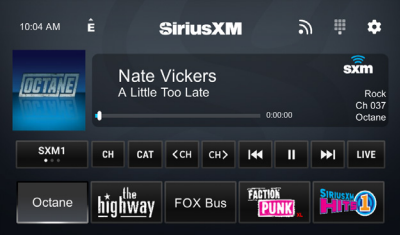
2. Once you've entered the parental controls code, you can lock or unlock channels



Preset Display Style

The preset display style will allow you to display station number, station name, or station logo.

Logo Style shown below.



Version

The version tab will display the current SXM version.

Clear User Data

To reset all saved SiriusXM data, click the arrow next to the Clear User Data tab.



BLUETOOTH MUSIC



Press the **HOME BUTTON > BT Music** to select the Bluetooth Music source.

1. Playback Progress Indicator

Shows progress in current track.

2. Song / Program Information

Displays information for the current track.

3. Previous Track/Program

Touch to play the previous track or program.

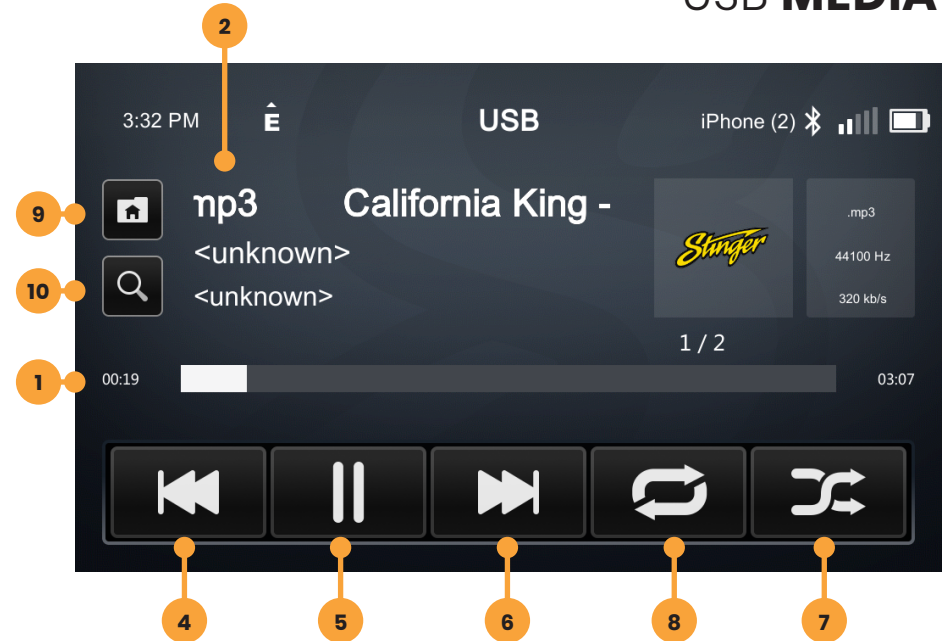
4. Play/Pause

Touch to play or pause audio playback.

5. Next Track/Program

Touch to advance to the next track or program.

USB MEDIA



Press the **HOME BUTTON > USB Media** to select the USB Media source.

1. Playback Progress Indicator

Shows progress in current file, touch anywhere on the bar to immediately navigate to that segment of the file.

2. Song / Program Information

4. Previous File

Touch to play the previous file that is the same media type.

5. Play/Pause

Touch to play or pause playback

6. Next File

Touch to playback to the next file that is the same media type.

7. Toggle Randomize Modes

8. Toggle Replay Modes

9. File Browser

From the USB Root Menu you can browse Audio, Video, and Image files.

Touch to select a file to view/play.

10. Search for File

USB MEDIA



1. Photos

Touch to view stored Photo Content..

2. Video

Touch to view stored Video content.

3. Music

Touch to access stored Music content.

4. Search

Touch to search for a specific file by name

5. Home Folder

Tap to return to main file browser.

6. Previous Folder

This will return user to preveously accessed folder.

7. Breadcrumb / Path

Only one filter can be active at a time.

USB VIDEO PLAYBACK

When playing a USB video file, the application controls will auto-hide.

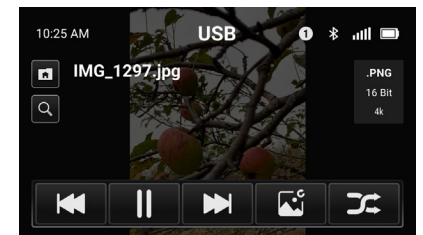
To access the application controls, touch anywhere on the screen.



USB PHOTO VIEWING

When viewing USB images, the application controls will auto-hide.

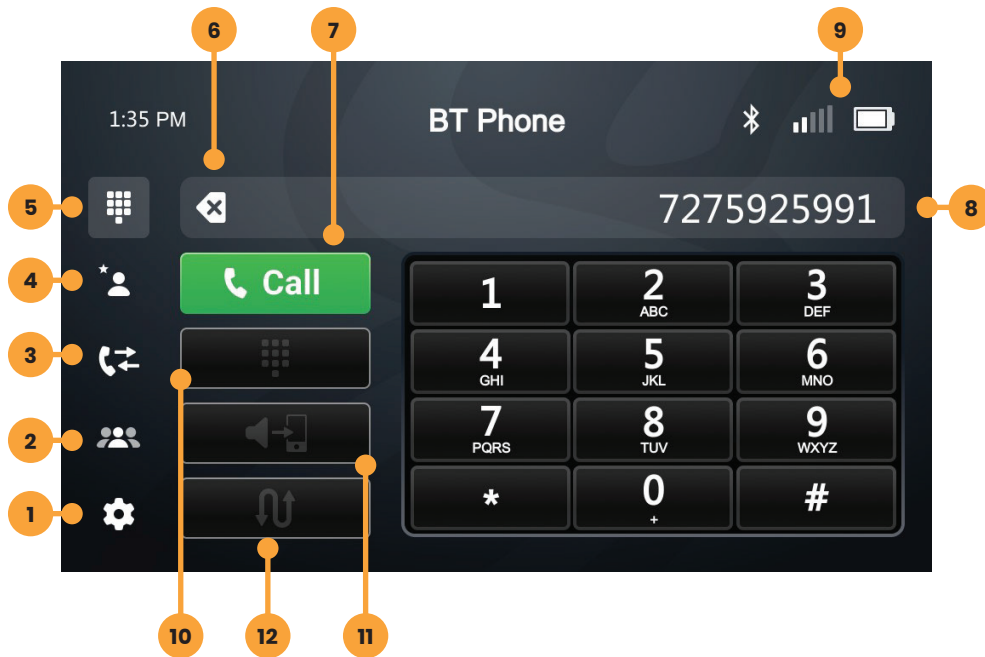
To access the application controls, touch anywhere on the screen.



WARNING!

Driver is prohibited by law from viewing a video signal on any in-dash monitor while the vehicle is in motion.

BLUETOOTH PHONE



Press the **HOME BUTTON > Phone** to launch the Bluetooth Phone app.

1. Phone Settings

Tap here to access phone settings.

2. Contacts

List of contacts from paired phone. Not supported by all phones.

3. Call Log

Recent Dialed, Received, and Missed Calls.

4. Favorites

Customizable list of favorite contacts.

5. Direct Dial

Direct Dial is the default phone view. Make and receive calls here.

6. Backspace / Clear

Tap to delete the last character entered. Hold to clear entire entry.

7. Call / Answer / End Call Button

Dial the number entered on the phone or number pad. Answer incoming calls. While connected, changes to End Call, when tapped in this mode, ends currently connected call.

8. Dialing Window

Displays currently dialed number.

9. Phone Info Area

Shows connected, active phone information.

10. Number Pad

Tap to show number pad for dialing phone numbers.

11. Speaker / Phone

Switches phone call audio between car speakers and phone handset.

12. Swap Call

Tap to switch between active and held call.

Autoconnect

Once a device has been paired, it will automatically connect whenever the system is turned on and the device is within range. You can disable this feature by toggling the microphone when using hands-free phone.

Pairing a Device

Refer to **Get Connected** on page 28.

Contacts

While a device is paired, Contacts can be accessed by selecting Contacts from the Phone main menu. It may take several minutes to load all contacts. When a contact is selected from the list, all associated numbers (Home/Work/Mobile, etc.) will be displayed on the right side of the screen. Touch the number you want to dial.

1. Favorites

The Favorites list can be accessed from the Phone main menu.

2. Setting Favorites

To add a contact number to the Favorites list, touch the Add Favorites from Contacts button.

3. Search Contacts

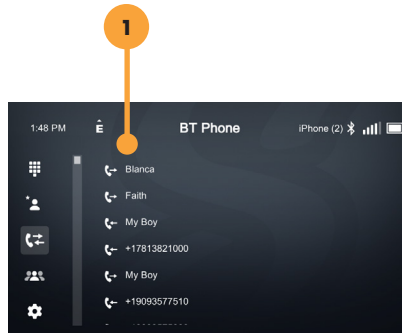
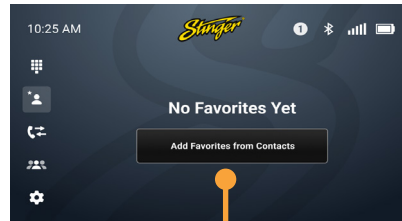
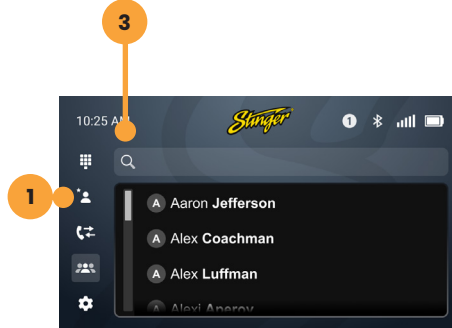
To Search your contact list, select the SEARCH icon on the Phone Selector area.

Call Log

The Call Log lists recently dialed, received, and missed calls.

1. Dialing a Number From Call Log

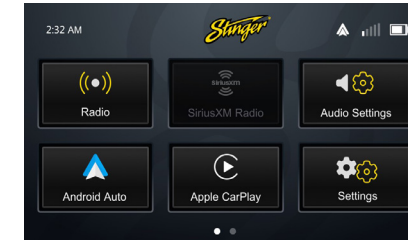
Tap the contact or phone number to dial a number.



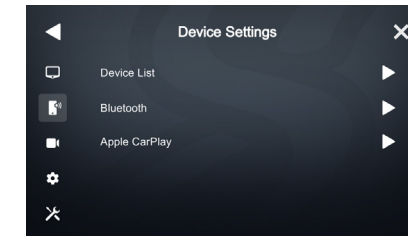
Autoconnect Settings

Adjusting Autoconnect

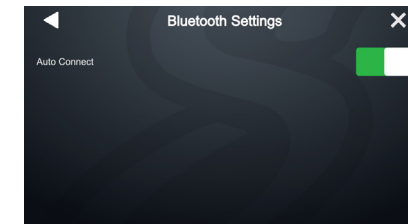
1. Start by clicking on the setting icon from the IE268 home screen.



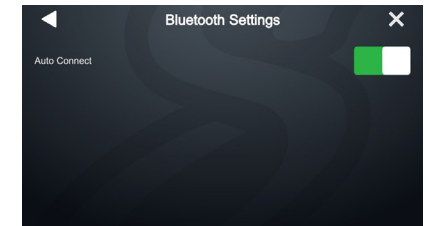
2. Select the Device Setting icon in settings menu.



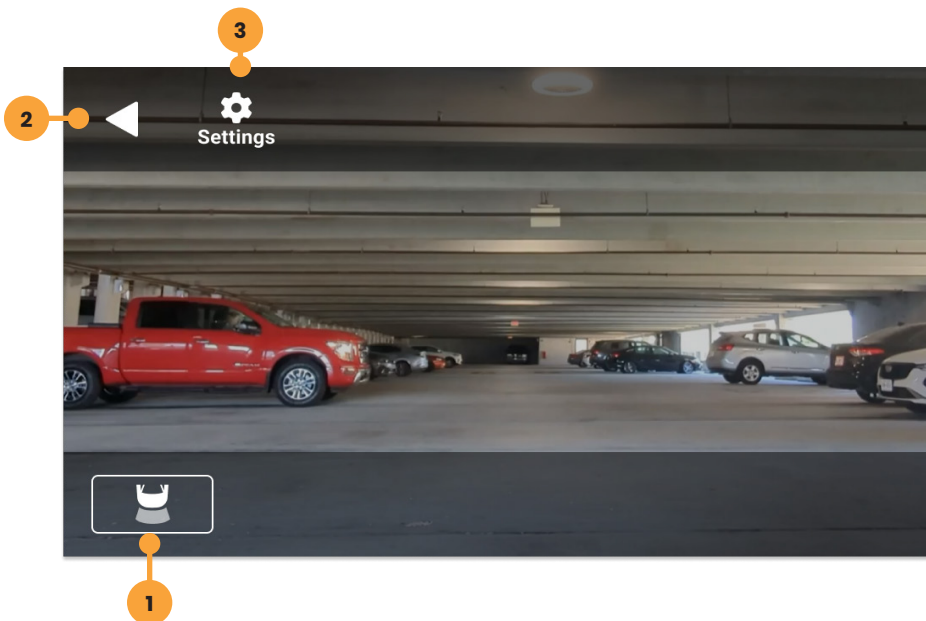
3. Tap the arrow icon to the right of Bluetooth.



4. You can disable this feature by toggling Autoconnect OFF



CAMERAS



Press the **HOME BUTTON > Cameras** to select the Cameras app.

1. Camera Selection Bar

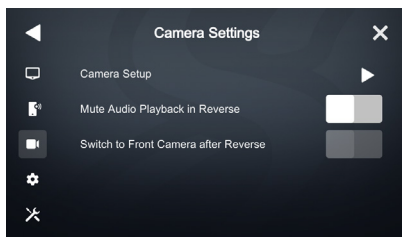
If there are optional cameras installed, you may view them at anytime using the camera selection bar at the bottom of the screen.

2. Back Arrow

Touch to exit camera view.

3. Settings

Touch to access Camera Settings.

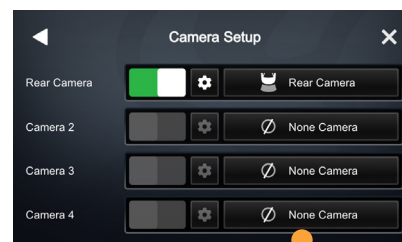


Press the **HOME BUTTON > Settings > Cameras** to access camera settings.

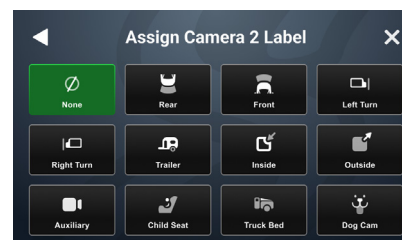
Set Up a Custom Camera

1. Tap Camera Setup

2. Tap a Trigger's Label Button



3. Assign a Label



Once you assign a label, that camera's trigger and settings will be active.

Your assigned Camera will now appear on the Camera Selection Bar.

Reverse Camera Audio

When set to ON and a microphone is connected, back up camera audio will be heard through the vehicle's speakers.

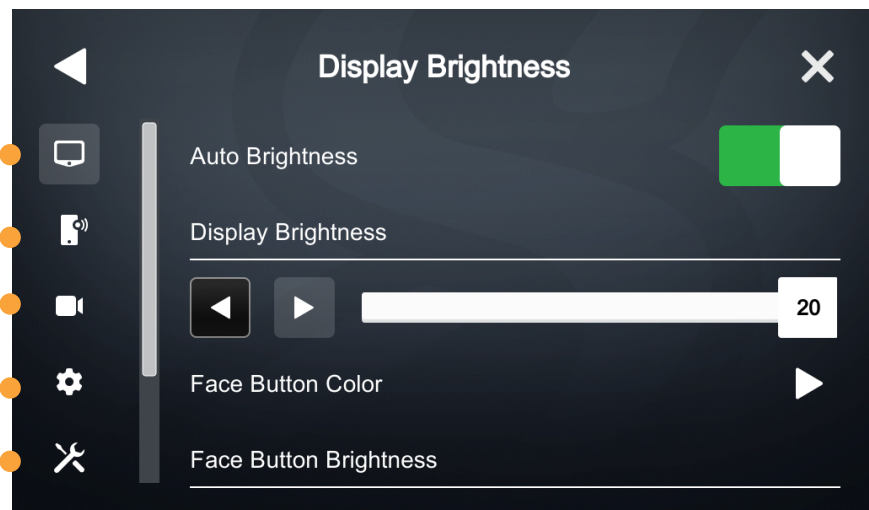
Mute Audio in Reverse

When set to ON the system will mute any audio playback while in reverse.

Switch to Forward Camera After Reverse

When set to ON the front camera will turn on after shifting from Reverse gear and remain On until the speed reaches above 5MPH or the display is touched

SYSTEM SETTINGS

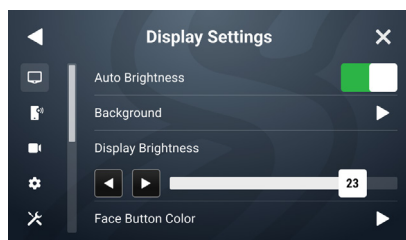


Press the **HOME BUTTON** > **Settings** to access the IE268 Head Unit Settings.

1. DISPLAY OPTIONS

Auto Brightness

Your IE268 unit can adjust brightness to suit external conditions. Toggle on/off. Only works if illumination wire is connected.



Display Brightness

Adjust overall display brightness with arrows or the slider control.



Face Button Color

Select the face button color you like and hold "Favorite" to save that color.

Face Button Brightness

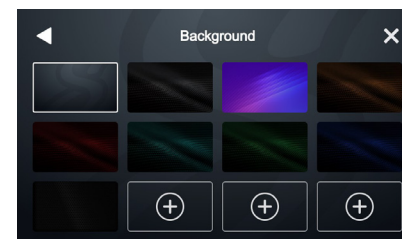
Adjust face button brightness with arrows or the slider control.

System Highlights

Change the highlight colors for active buttons & system controls.

Background

You can select from one of nine available backgrounds or upload one of your own.



Make sure a thumb drive with a compatible image (1024 x 600 Jpg/ Png) is inserted into an available USB port.

Tap one of the available **+ Buttons** and a pop up menu showing available images will appear. Select the desired background and tap **ADD**

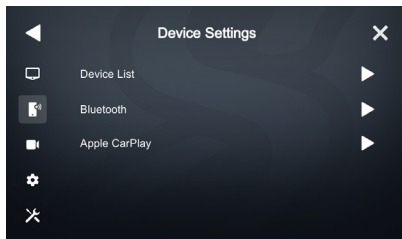
2. DEVICES SETTINGS

Device List

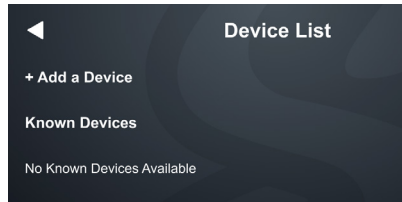
Your iE268 can store multiple phones and can be selected under the Device List Tab.

Add a New Device

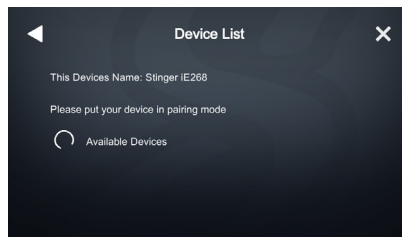
1. Tap Device Settings > Device List



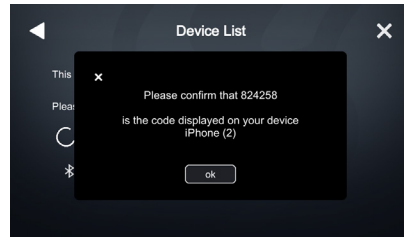
2. Make sure your device is in pairing mode and tap +Add a Device.



3. Select your device from the list.



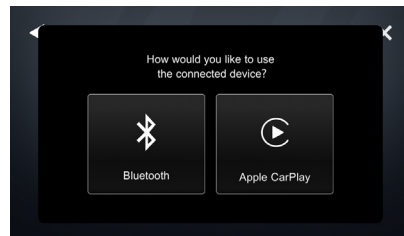
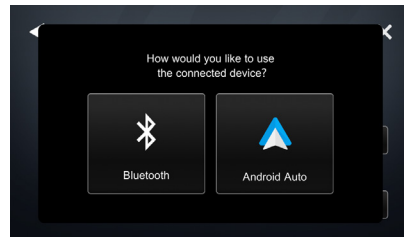
If your device does not appear in the device list, confirm it is



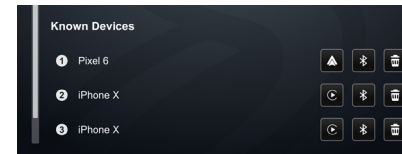
discoverable and tap Available Devices to rescan.

4. Confirm PIN Code on the head unit screen and the device.

5. Select the connection type you want to use (bluetooth / phone projection).



If you choose phone projection, your phone projection application (Apple CarPlay/Android Auto) will launch automatically.



Connect to a Saved Device

A list of previously connected devices is available under Known Devices.

1. Make sure bluetooth is enabled on your mobile device.

2. Press the phone projection or bluetooth button to connect to your device.



Disconnect a Device

Tap the DISCONNECT button to disconnect a connected device.

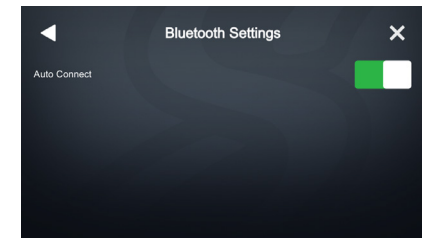


Delete a Device

Tap the DELETE button to delete a known device.

Bluetooth Settings

Bluetooth Settings will allow you to turn On/Off the phone Auto Connect feature. When this feature is turned off, your phone will not auto connect when radio powers on.



Apple CarPlay Options

You can change the orientation of Apple CarPlay's interface by toggling the Steering Wheel control left or right.

3. CAMERAS

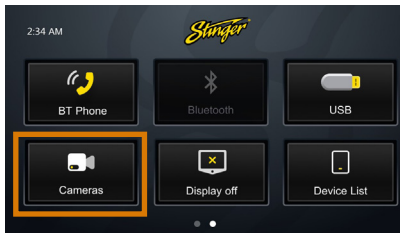
Camera Setup

Your iE268 Head Unit supports up to four cameras, each with their own trigger.

Your Head Unit comes with a preset reverse camera slot, and three more customizable slots that are activated in the Cameras application once they are labeled and their video format set up.

1. Tap Cameras

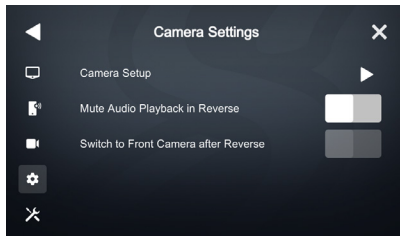
This is located on the second page of the home screen.



2. Tap Settings

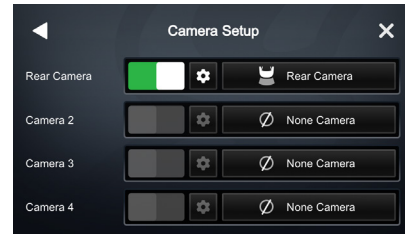
Gear icon located on the top left side of the screen.

3. Tap Camera Setup



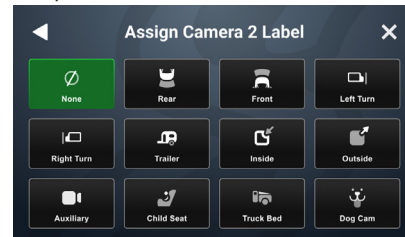
3. Assign Label

Tap one of the assign a Camera icons to assign a label.



4. Select Icon

Tap the icon you want to display for your camera.



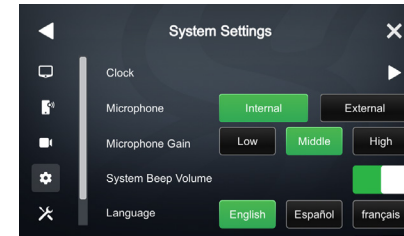
Mute Audio In Reverse

When set to ON the system will mute source audio playback while in reverse: camera audio still plays.

Switch to Front Camera after Reverse

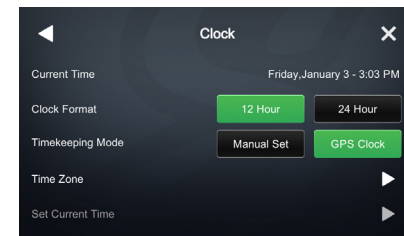
When set to ON the front camera will turn on after shifting from Reverse gear and remain On until the speed reaches above 5MPH or the display is touched.

4. SYSTEM OPTIONS



Clock

Change GPS Time Zone and Time Display Format (12/24 HR).



Microphone

Set control to external if an external microphone is installed. Set to Internal to use the microphone located on the front of the display.

Microphone Gain

Adjusts the volume (sensitivity) of the microphone when using hands-free phone.

System Beep Volume

Your iE268 Head Unit plays a feedback sound when you touch the unit. This controls feedback sound volume.

System Language

Change display language (English/Spanish/French).

Compass

Toggle Compass display on/off.

5. INSTALLER SETTINGS



System Info

Touch System Information to access application build numbers for support.

Update Firmware

Your iE268 can receive Firmware updates through a USB thumbdrive. See page 36.

System Firmware Updates

Checking and updating the System Firmware is an important step for proper operation. This should be done first before setting any system and vehicle settings as those settings may be lost after an update.

Make sure a thumb drive containing your firmware update is inserted into an available USB port and tap System Firmware Update.

You can find firmware updates on the iE268 Product Page

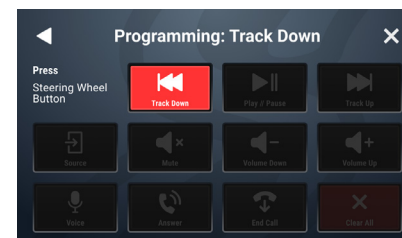


Steering Wheel Controls

Your iE268 can reassign any of your steering wheel buttons to any available head unit from this menu.

Assign a Function to Steering Wheel Column Button

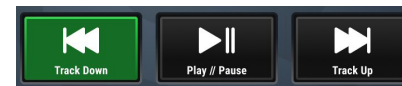
1. Touch the function you want to assign to a steering wheel column button.



The button will Flash red for ~10 seconds. This indicates it is ready to be programmed.

2. Touch the button on the steering wheel that you want to assign to the chosen function.

When your function is programmed successfully, its short press button will have a small green programmed indicator.



Factory Reset

Touch the Master Reset item to restore your head unit to factory settings. This action will reset

installer settings, user settings, and PAC Integrations.

Amp Remote Out

There are two options for automatically turning on external amplifiers. ACC turns on the external amp when Ignition ACC is on. The Power Off option will turn off your external amplifier whenever the head unit is asleep or off.

UPDATING SYSTEM FIRMWARE

1. Format a USB Drive

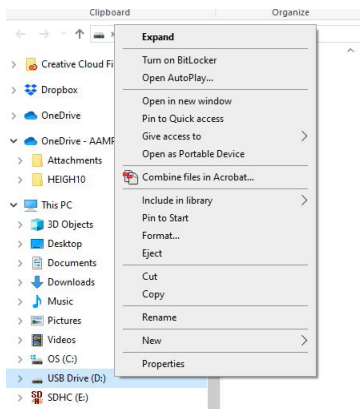
In order to prepare a USB Flash Drive for use with your IE268 system, the USB drive must be formatted to FAT32 / MS-DOS(FAT).

Windows PC

1. Insert an 32GB+ USB Drive

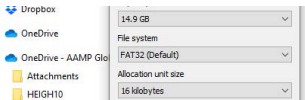


2. Open File Explorer
3. Right click on USB Drive and select

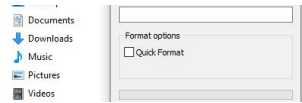


Format

4. Select FAT 32 (Default) File System



5. Deselect Quick Format



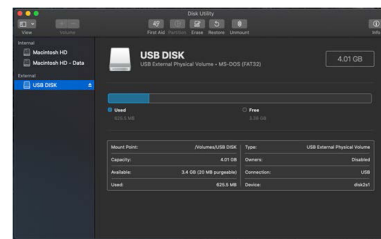
6. Click Start

MAC OSX

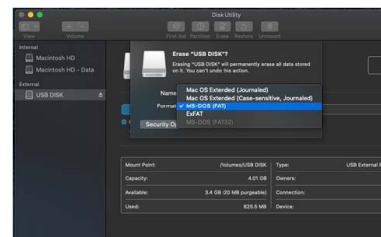
1. Insert an 32GB+ USB Drive
2. Launch the Disk Utility App from the Utilities folder



3. Select the USB drive from the External List and click Erase



4. Select MS-DOS(FAT) from the format drop-down menu and click Erase



2. Download Firmware

Download the firmware file from StingerSolutions.com. Transfer the firmware file as-is onto the formatted USBDrive.

Once the file is located in the **Root** menu, unzip and open file to view the file contents.

Copy all the file contents into the **Root** menu of your **USB**. The root menu is the first menu that appears when you open your thumbdrive on your PC.

3. Install System Update

Insert the USB drive into any USB port on the radio.

NOTE: When updating the firmware, all settings will be reset to factory defaults.

Station presets, EQ presets, audio/crossover settings, time alignment, camera settings will all be overwritten.

Navigate to **SETTINGS > INSTALLER SETTINGS > UPDATE FIRMWARE** and the IE268 will begin updating.

Tap Update Firmware on the popup. The update will take 6 - 8 minutes.

NOTE: Do not attempt to stop an update. DO NOT turn off power. The system will be damaged if power is lost during the update process.

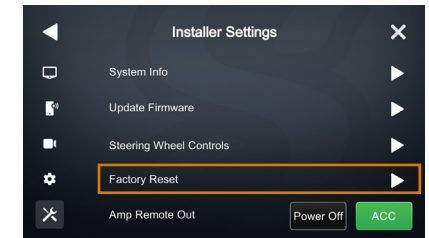
4. System Reset (optional)

When the update is complete and display is on the Radio source, it is recommended to perform a Factory Reset. This is not required and will reset any modified settings, including presets.

The reset process takes 1-2 minutes,

when completed, the unit will return to the Radio source.

You can reset by going to **Settings > INSTALLER SETTINGS > FACTORY RESET**

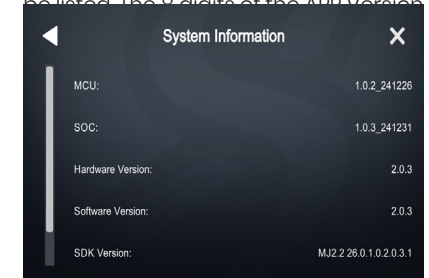


5. Confirm Firmware Update

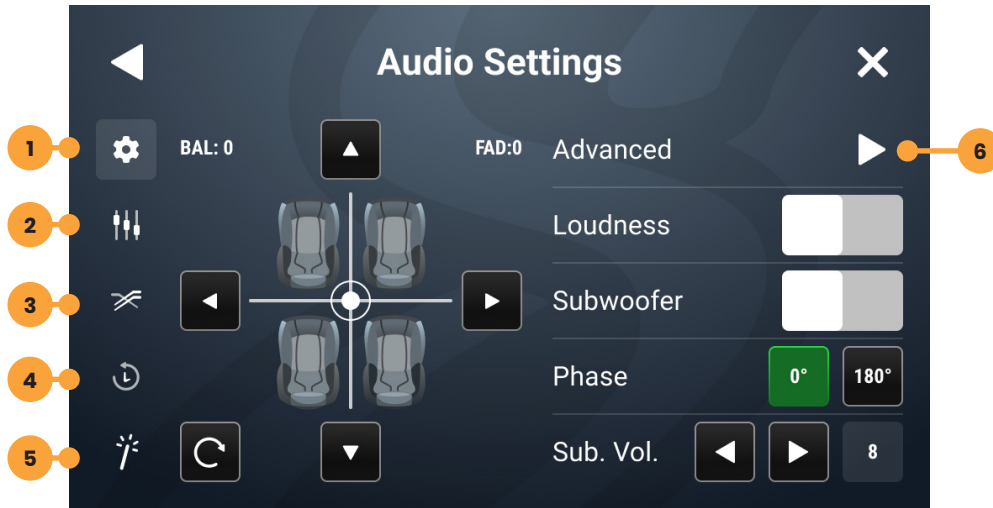
Confirm firmware update by accessing System Information in Installer settings.

Note the APP Version and visit the IE268 page at StingerSolutions.com

Select the Firmware Tab on the product page. The most current firmware will be listed. The 8 digits of the APP Version



AUDIO SETTINGS



Press the **HOME BUTTON** > **Audio Settings** to access iE268 Audio Settings.

1. Balance & General Settings

Adjust Fade, Balance, defeat, and Subwoofer settings quickly from this menu.

2. Equalizer

13 band graphic equalizer with multiple customizable preset slots.

3. Crossover

Internal electronic variable crossover with 2 customizable preset slots.

4. Time Delay

Compensate for uneven distances between speakers and listener.

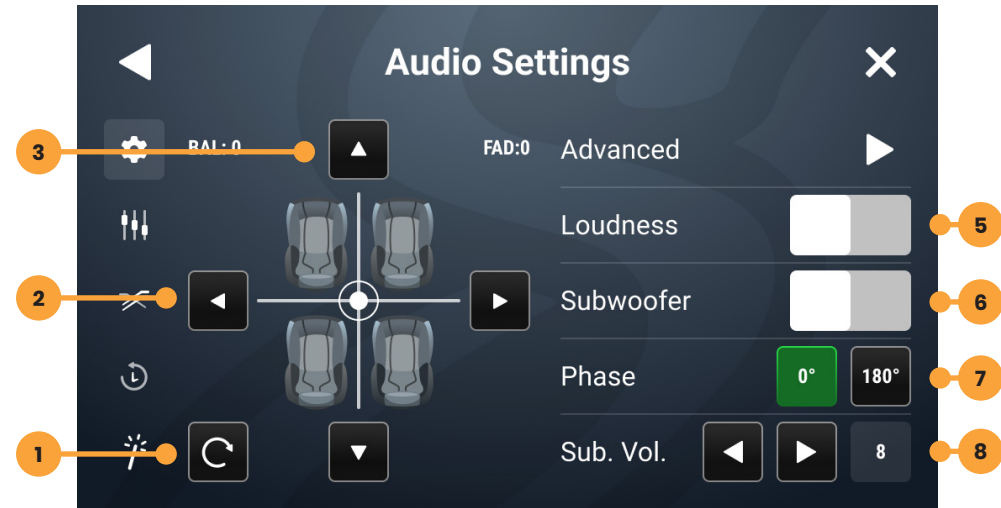
5. Factory EQ

Quickly set popular equalizer settings for a variety of Genres.

6. Advanced Audio Settings

Loudness, Volume Settings, Source Gain, and Reset Audio Settings.

BALANCE / GENERAL AUDIO SETTINGS



Press the **HOME BUTTON** > **Audio Settings** > **Balance** to select the Balance/General Audio Settings

1. Reset

Press to set balance and fade to zero.

2. Balance

Using left/right arrows, adjust speaker balance left/right. You can also drag the set point to the desired fade & balance.

3. Fader

Using up/down arrows, adjust speaker fade front/rear

4. Loudness

When ON, boosts +3db for frequencies between 100Hz & 2000Hz

5. Subwoofer

Turns subwoofer output ON/OFF.

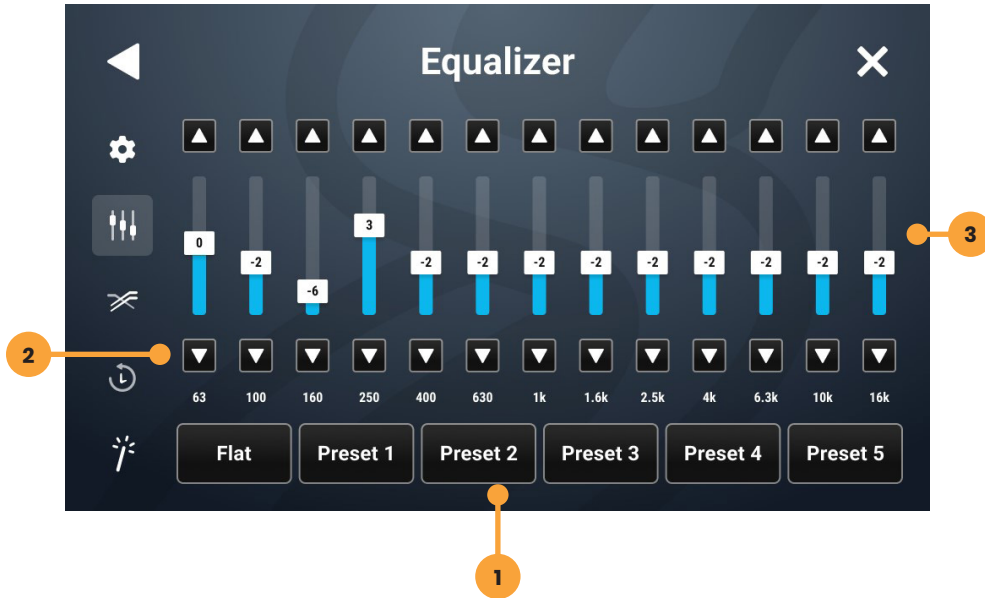
6. Phase

Changes phase of subwoofer signal.

7. Subwoofer Level

Use left/right arrows or drag slider to adjust volume level of subwoofer.

EQUALIZER AUDIO SETTINGS



Press the **HOME BUTTON** > **Audio Settings** > **Equalizer** to select the Equalizer Audio Settings

1. Programmable Presets

There are 5 user Presets that can be used to save EQ settings. This is useful for having EQ settings for different types of music, volume levels or for different sources.

When you are done adjusting the EQ, touch and hold a Preset location to save the settings. The Preset will highlight.

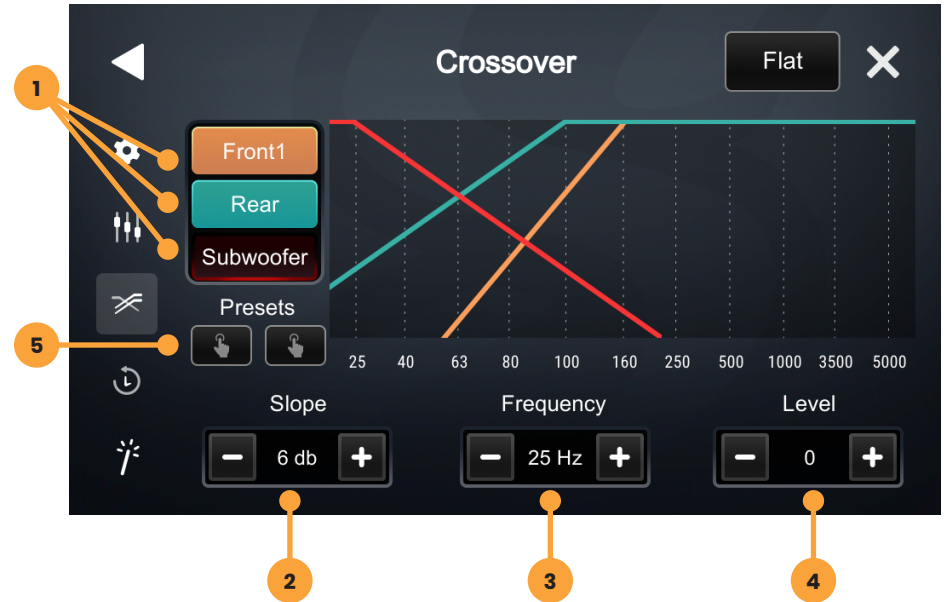
2. Up/Down Volume Arrows

Adjust frequency volume by tapping the up/down arrows.

3. Frequency Volume Slider

Drag slider to adjust frequency Volume.

CROSSOVER AUDIO SETTINGS



Press the **HOME BUTTON** > **Audio Settings** > **Crossover** to select the Crossover Audio Settings

1. Audio Channel Selection

Select Front (Orange), Rear (Teal), or Subwoofer (Red) channels to set crossover setting.

2. Slope

Adjust the slope of the crossover for selected audio channel.

3. Frequency

Adjust crossover frequency for selected audio channel and pass.

4. Level

Adjusts signal level for selected audio channel.

5. Programmable Presets

Touch and hold a Preset location to save your settings. The Preset will be highlighted once saved.

TIMING AUDIO SETTINGS



Press the **HOME BUTTON** > **Audio Settings** > **Timing** to select the Timing Audio Settings

1. Programmable Presets

2. +/- Distance Controls

Time Correction Instructions

Time Correction compensates for the uneven distances between the speakers and a listeners ears.

Time Correction delays signals from the closest speaker(s), so that all the sound arrives at the listening position at the same time,

giving the listener a more accurate, lifelike stereo image.

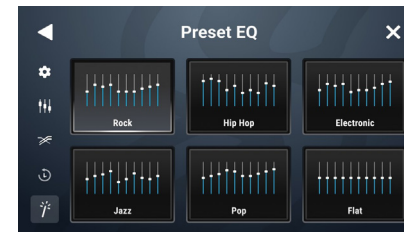
To set Time Correction, select a listening position, for example the drivers seat headrest.

Measure from each speaker to the listening position (be sure to mark those measurements down!).

Set Units to Inches and input recorded distances for each speaker using the +/- buttons.

FACTORY EQ AUDIO SETTINGS

Press the **HOME BUTTON** > **Audio Settings** > **Preset EQ** to select Factory EQ Audio Settings.

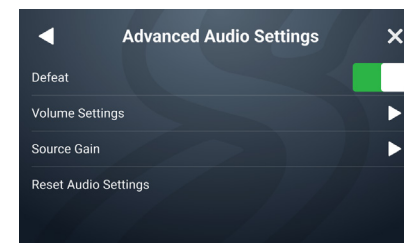


Selecting Factory EQ from the Audio Menu Bar will access factory equalizer presets for different music types.

When a Factory EQ preset is selected, it can be fine-tuned using the Equalizer and then re-saved as a User Preset.

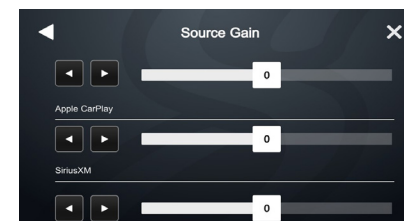
ADVANCED AUDIO SETTINGS

Press the **HOME BUTTON** > **Audio Settings** > **Factory EQ** to select Advanced Audio Settings.



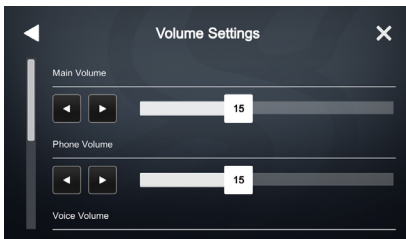
Defeat [ON/OFF]

When set to ON, will defeat/disable all equalizer, crossover, and speaker settings. This is useful when connecting to a Digital Signal Processor (DSP) When defeat is on, other audio settings will be



Source Gain Settings

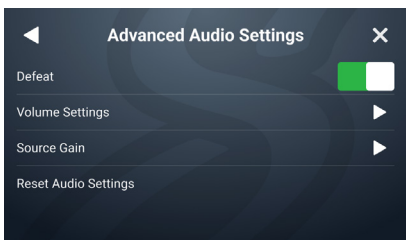
Make gain/volume adjustments for individual sources. For example, if AM/FM is much louder than BT Music, lower AM/FM and/or raise BT Music to even out volume levels.



Volume Settings

Selecting Volume Settings from the Advanced Audio Settings will access the following Volume settings:

Start Volume, Bluetooth, Navigation and Siri Voice



Reset Audio Settings

Selecting this will reset all of your audio settings after you confirm your selection. This action cannot be undone.

RESET BUTTON



Reset Button

The Reset Button is located on the lower right hand corner of the display.

To reset the unit, make sure it's on, use a paper clip or similar to push the reset button for 2 seconds and release.

The reset will take a few minutes, do not disconnect power during this time.

TROUBLESHOOTING

General

Black Screen w. Audio

Touch the screen anywhere as it may have been turned off, see page 6.

Bluetooth

Device will not Pair

Ensure Bluetooth is turned ON in your device settings. Delete all unused devices. Delete any "Stinger" device. Restart/Reboot device and try pairing again. (Page: 30).

Music Volume is low

- Turn up volume on device
- Turn up volume on head unit.
- Turn up Phone Volume (Page: 4).

Phone Volume is low

- Turn up volume on device.
- Turn up volume on head unit.
- Turn up BT Volume Gain (Page: 43).
- Turn up Microphone Gain (Page: 33).

Cameras

Rear Camera not displaying in reverse

- Make sure rear camera trigger is ON (Page: 26)
- If display is showing NO SIGNAL in reverse, ensure camera RCA is plugged into the correct RCA

input (CAMERA IN).

- Confirm camera has power and ground.
- Confirm camera trigger is receiving positive 12V.

Installed Camera not showing Video

- Make sure the correct video format (NTSC, PAL, AHD, PAL 25HZ, AHD NTSC 30HZ) is selected.

User Note: Backgrounds

Your iE268 head unit utilizes a Liquid Crystal Display (LCD) panel to display clear, crisp images in a variety of lighting conditions.

Your iE268 unit is optimized to provide the highest quality image in a variety of use cases, but you should be aware that certain contrast ratios and backgrounds can cause temporary image retention.

When customizing your background, avoid images that include high contrast static patterns; these images can cause temporary image retention in LCD panels through repeated use.

Retained images should vanish within 10-40 minutes of normal operation. If you see from your custom background, we strongly suggest you choose another option, or use one of the included iE268 background options to ensure uninterrupted enjoyment. :)

SiriusXM Satellite Radio

Check Antenna

The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.

- Verify that the antenna cable is connected to the SiriusXM Connect Vehicle Tuner.
- Inspect the antenna cable for damage and kinks.

Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com.

Check Tuner

The radio is having difficulty communicating with the SiriusXM Connect Vehicle Tuner. The tuner may be disconnected or damaged.

Verify that the SiriusXM Connect Vehicle Tuner cable is securely connected to the radio.

No Signal

The SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite signal.

- Verify that your vehicle is outdoors with a clear view of the sky.
- Verify that the SiriusXM magnetic mount antenna is mounted on a metal surface

on the outside of the vehicle.

- Move the SiriusXM antenna away from any obstructions. Inspect the antenna cable for damage and kinks.
- Consult the SiriusXM Connect Vehicle tuner installation manual for more information on antenna installation.

Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or online at www.shop.siriusxm.com.

Channel Locked

The channel that you have requested is Locked by the radio Parental Control feature. See the Parental Control section on Page 18 for more information on the Parental Control feature and how to access locked channels. Default lock code is **1234**

Wrong Code

The code you entered is incorrect. The default lock code is **1234**. If you've changed your code and can't remember it, you will have to perform a master reset of your head unit to restore the old code.

Subscription Updated

The radio has detected a change in your SiriusXM subscription status.

Press anywhere on the screen to clear the message.

Channel Unavailable

The channel that you have requested is not a valid SiriusXM channel or the channel that you were listening to is no longer available. You may also see this message briefly when first connecting a new SiriusXM Connect Vehicle tuner.

Visit www.siriusxm.com for more information about the SiriusXM channel lineup.

Memory End

This message will display when the beginning of stored audio has been reached. You cannot rewind any further.

IR Buffer Memory Full

The stored audio memory has become full while audio was paused.

Channel Unsubscribed

The channel that you have requested is not included in your SiriusXM subscription package or the channel that you were listening to is no longer included in your SiriusXM subscription package.

In the U.S.A., visit www.siriusxm.com or call 1-866-635-2349 if you have questions about your subscription. In Canada, visit www.siriusxm.ca or call 1-877-438-9677 if you have questions about your subscription.

Apple CarPlay

Restart your Phone

A common first step to take when you're having connection issues is to restart your device.

1. Turn your phone off.
2. Wait 30 seconds.
3. Turn your phone back on

Make sure your operating system is up to date

Apple often releases updates to your phone's operating system, known as iOS®, to keep it secure and working at its best. These software updates are important. Not updating your iPhone can lead to software issues and glitches, like CarPlay not working.

For step by step instructions, visit <https://support.apple.com/en-us/118575>

Make sure CarPlay is turned on

If your iPhone isn't connecting to Apple CarPlay, the feature may not be enabled on your device or you may have turned it off and need to turn it back on. Here's how:

Go to Settings > General > CarPlay > My Cars, then select your car to reconnect it to the app. Make sure to turn on the Allow CarPlay When Locked option, too, so that CarPlay works when your phone is locked.

If your car is already connected, tap your car, then tap Forget This Car. Then connect it again.

If you've turned off CarPlay in Screen Time, go to Settings > Screen Time > Content & Privacy Restrictions. If you've turned on Content & Privacy Restrictions, tap Allowed Apps and confirm that CarPlay is enabled. (Tap the button until it's green.)

Confirm Siri is turned on

CarPlay won't work unless Siri® is turned on. To turn it on, go to Settings > Siri & Search on your iPhone, then confirm that Listen for "Hey Siri" is on.

Make sure to include the Allow Siri When Locked option, too, so that CarPlay works when your iPhone is locked.

Make sure Bluetooth is connected

If you're using a wireless CarPlay connection, go to Settings > Bluetooth to confirm that Bluetooth® is turned on. Then go to Settings > Wi-Fi to check that Wi-Fi is also turned on. Finally, go to Settings > General > CarPlay and check that Auto-Join is turned on.

Check your USB cable

Make sure the wire isn't frayed or broken. Try using it with another device—if it doesn't work, you probably have a faulty USB cable and need to replace it. Also, make sure you're plugged into the correct USB-C port for phone projection. Apple CarPlay

Android Auto

Restart your Phone

A common first step to take when you're having connection issues is to restart your device.

1. Turn your phone off.
2. Wait 30 seconds.
3. Turn your phone back on

Make sure your operating system is up to date

You can find your device's Android version number, security update level, and Google Play system level in your Settings app. You'll get notifications when updates are available for you. You can also check for updates there as well

For step by step instructions, visit <https://support.google.com/android/answer/7680439>

Make sure Bluetooth is connected

If you're using a wireless Android Auto connection, go to Settings > Bluetooth to confirm that Bluetooth® is turned on.

Check your USB cable

Not all USB cables will work with all cars. For the best quality and reliability when you connect to Android Auto try a high-quality USB cable.

SPECIFICATIONS

General

Operating Voltage: 10.5VDC to 16VDC
Grounding system: Negative Ground
Max current consumption: 15A fused

Dimensions

Display:
178 mm X 87.8 mm X 100mm
(W x H)

Display

6.8-inch Diagonal
16:9 aspect ratio
1024 x 600
Pixels: 614400
Active area 151.76 (W) x 79.8 (H) mm
Operating Temperature (C) -20° to 70°

Audio

Load impedance: 4Ω nominal / 2Ω allowable
Continuous power output:
18W x 4ch/4Ω 20Hz to 20KHz, 1%THD at 14.4V
Speaker level adjustment: 0-40 steps
Audio Preamp Output level: 3 Vrms typical.
Audio Preamp 6 Channels: Front Left, Front Right, Rear Left, Rear Right, Subwoofer Left, Subwoofer Right.
Equalizer: (13-band)
63Hz/100Hz/160Hz/250Hz/400Hz/630Hz/1KHz/1.6KHz/2.5KHz/4KHz/6.3KHz/10KHz/16KHz

Gain: ±6dB (0.5dB/step)
Crossover level: 13 steps
Front output:
HPF: 25Hz/40Hz/63Hz/80Hz/100Hz/160Hz/250Hz/500Hz/1kHz/3.5kHz/5kHz/bypass
Slope: 6dB, 12dB, 18dB
Level: 0-12
Rear Output:
HPF: 25Hz/40Hz/63Hz/100Hz/250Hz/bypass
Slope: 6dB, 12dB, 18dB
Level: 0-12
Subwoofer Pre-lineout: 3Vrms typical.
LPF: 25Hz/40Hz/63Hz/100Hz/250Hz/bypass
Slope: 6dB, 12dB, 18dB
Subwoofer level: 0-15
Phase: 0 or 180
Time Alignment for 6 channels: 0 to 133 steps for inches and 0-99 steps for 9.9ms/133inches.
User Preset EQ: Rock, Hip-Hop, Electronics, Jazz, Pop, Flat.
Source Gain: default 0db, -10 to 10 adjustable, 0.35db/Step.
Volume Settings: Main Volume, Phone Volume, Navigation Volume, Voice Volume, Ringtone Volume adjustable separately.

USB

USB 2.0ax
 Max current supply 1.5A
 Max storage size: 128GB
 USB Class: A
 Supports: Video/Audio/Image Media Playback, Charging, and Firmware Update
 USB 3.0 (one)
 Max current supply 3A
 Max storage size: 128GB
 USB Class: C
 MSC (Mass Storage Class),
 File system: FAT32, NTFS
 Supports: Apple CarPlay, Android Auto, Video/Audio/Image Media Playback, Charging, and Firmware Update

Bluetooth

V5.1
 4dBm Class2
 2.402GHz to 2.48GHz

Wifi

Support IEEE 802.11 a/b/g/n/ac
 Supports 802.11ac 1x1, Wave-2 compliant with MU-MIMO STA mode
 Complete 802.11n MIMO solution for 2.4GHz and 5GHz band

Radio™ FM Tuner

87.9MHz to 107.9MHz
 Usable sensitive 3dBuV (mono S/N: 30dB)
 SNR: 65dB

AM Tuner

530KHz to 1710KHz
 Usable sensitive 25dBuV (mono S/N: 30 dB)
 SNR: 55dB

4 Camera Video Inputs

NTSC, PAL, AHD PAL 25Hz & AHD NTSC 30 Hz
 Support Mirror Camera Image ON/OFF

Audio

FLAC / Wave / MP3
 AAC/M4A
 OGG
 APE

Video

MP4/AVI H264.avi
 AVI XVID-MPEG-3.avi
 AVI 1024X768.avi
 AVI 1920x1080.avi
 MPG-MPEG-1.mpg
 Mov/FLV/Vob/Mkv

Image

JPG/PNG/BMP

Background Image (User)

File Format: JPG / PNG
 Recomend Resolution: 1024 x 600

User Note: Backgrounds

Your IE268 head unit utilizes a Liquid Crystal Display (LCD) panel to display clear, crisp images in a variety of lighting conditions.

Your IE268 unit is optimized to provide the highest quality image in a variety of use cases, but you should be aware that certain contrast ratios and backgrounds can cause temporary image retention.

When customizing your background, avoid images that include high contrast static patterns; these images can cause temporary image retention in LCD panels through repeated use.

Retained images should vanish within 10-40 minutes of normal operation. If you see from your custom background, we strongly suggest you choose another option, or use one of the included IE268 background options to ensure uninterrupted enjoyment. :)

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SiriusXM
READY

 **Bluetooth**[®]