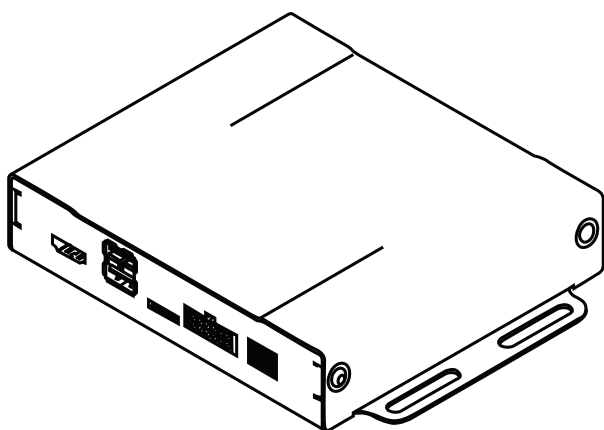


vline



USER GUIDE

CONTENTS

Chapter 1 — getting started.	3
Initial configuration.....	3
Setting up WIFI	3
Setting up Bluetooth.....	5
Chapter 2 — MEDIA PLUGINS.	7
A2DP stream.....	8
Google music	9
Local Music	10
Spotify.	11
Web Radio.	12
Chapter 3 — Advanced setup (Optional).	13
3.1 Installing Google Apps	
Adding Apps to Home Launcher.....	16
Signing onto Google Account.....	17
Changing Text-to-Speech Output.....	20
3.2 Maps Installation	22
Chapter 4 — VLine OTA update.	23
Chapter 5 — Support.....	26

CHAPTER 1 – GETTING STARTED

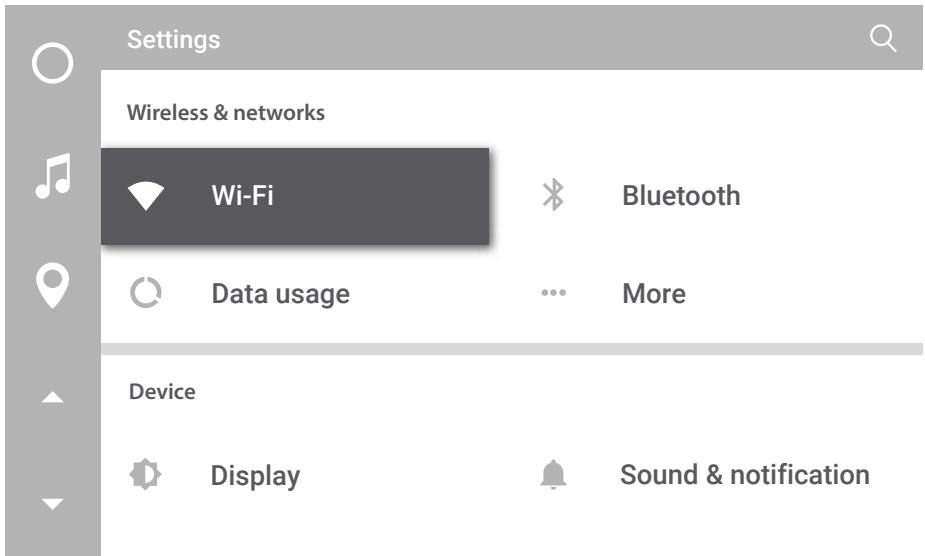
Initial configuration

Setting up WIFI

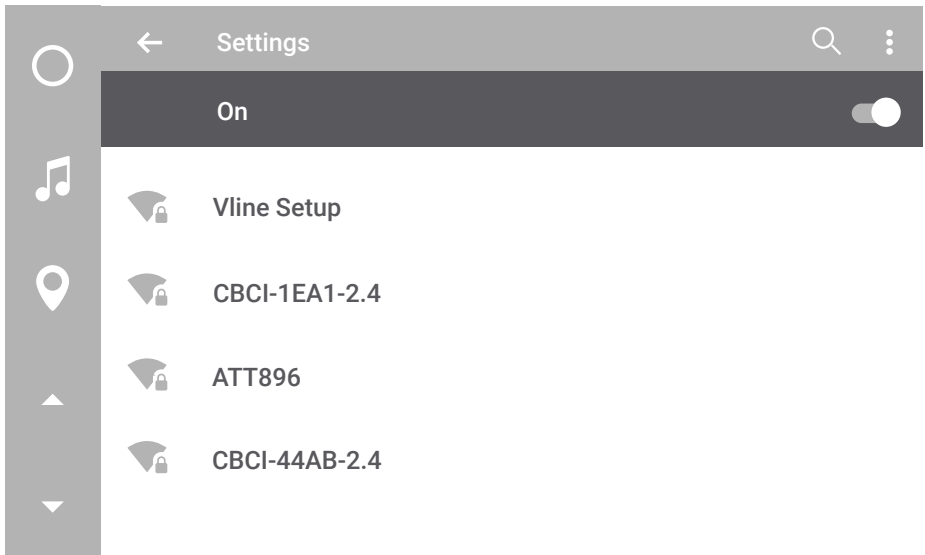
The VLINE module will require a data connection while vehicle is in mobile on road to take advantage of majority of its features.



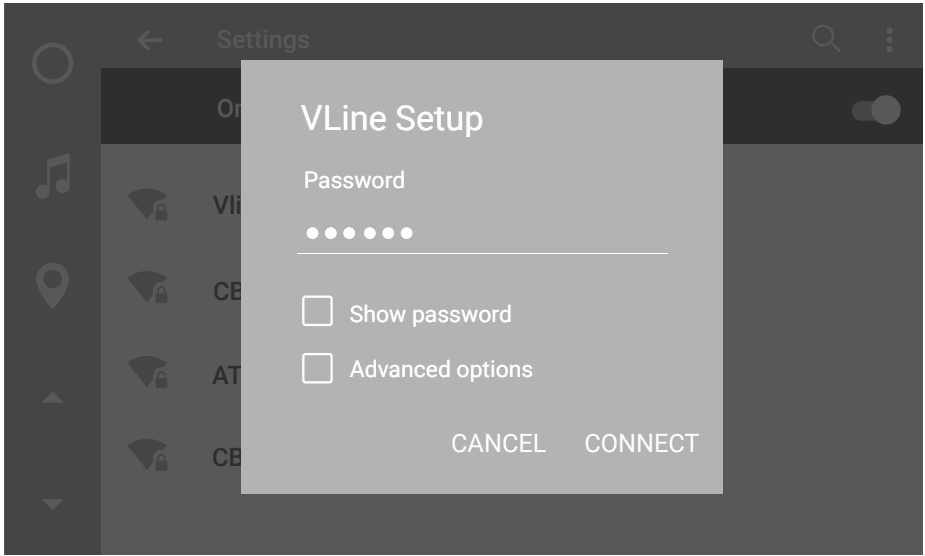
Go into WiFi Settings



Select WiFi channel to connect



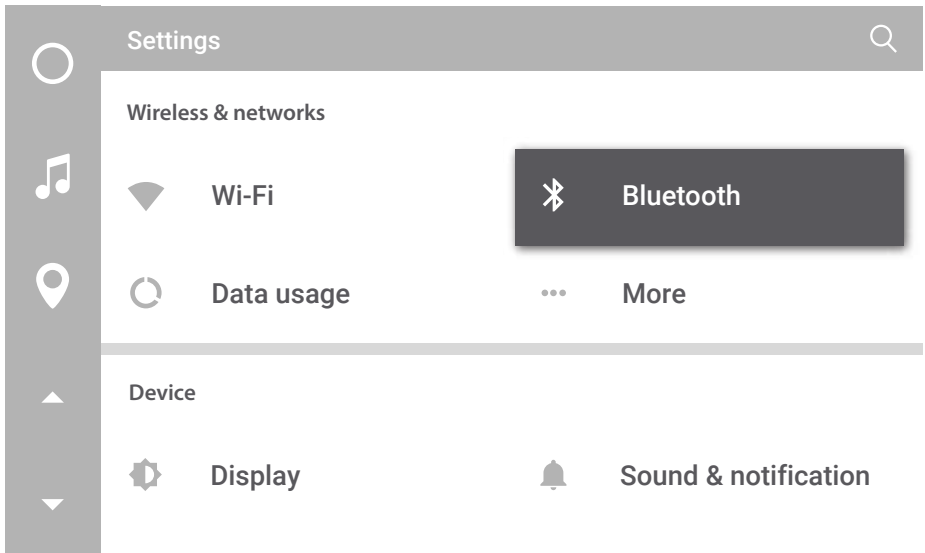
Enter In [Password] and select on CONNECT



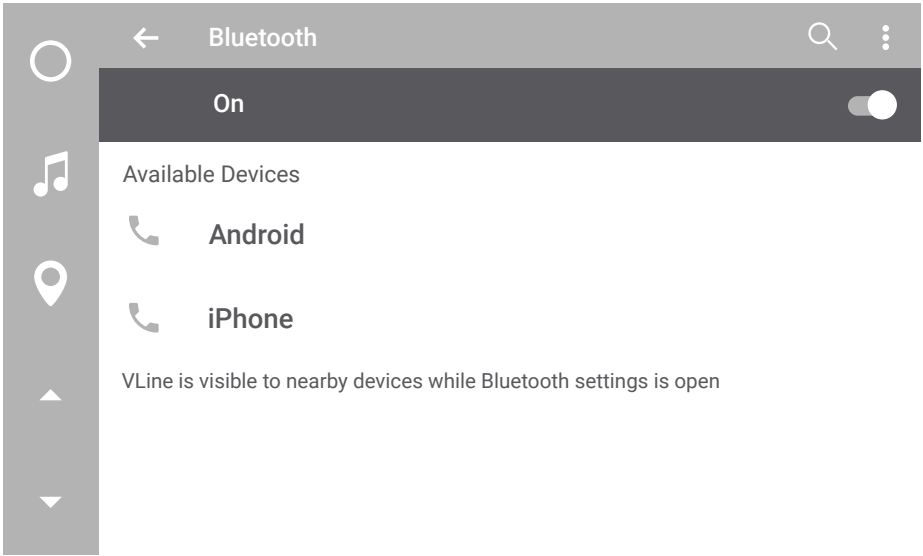
NOTE: Please check with Mobile Carrier for Hotspot data usage limits. Depending on mobile provider you might be a subject to mobile data and tethering charges.

Setting up Bluetooth

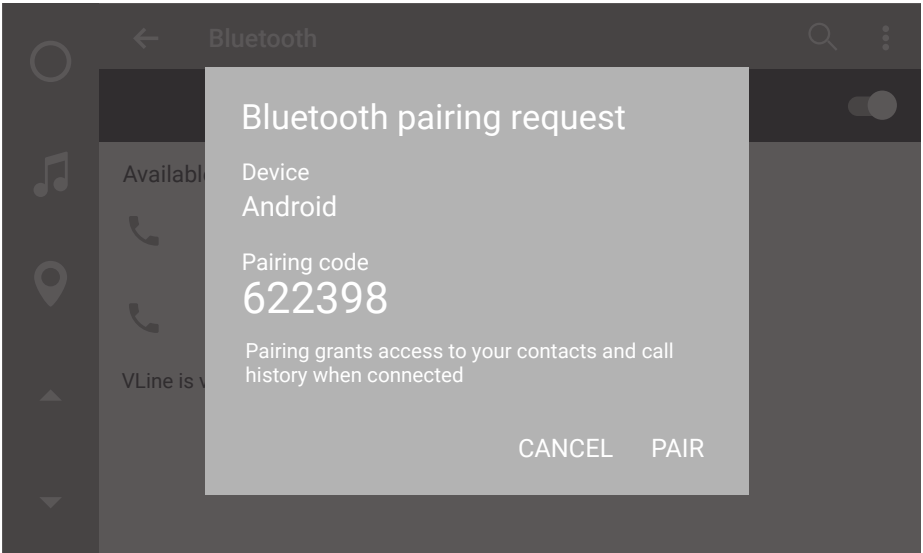
Select Settings->Bluetooth



Use your phone to find VLine device



Confirm PIN code on VLine and Phone



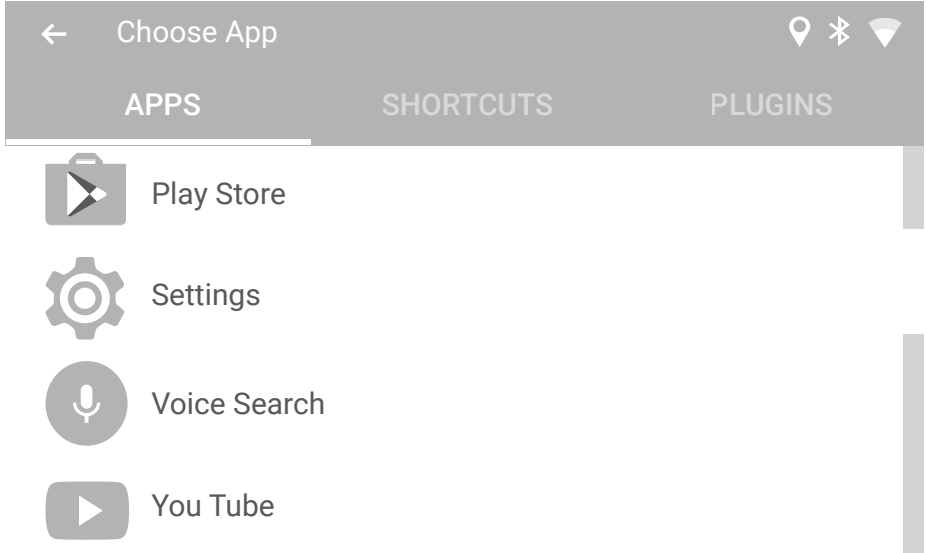
NOTE: Bluetooth Connection will allow for A2DP music streaming only

CHAPTER 2 — MEDIA PLUGINS

VLINE provides media plugins with an optimized interface with bold graphics and easy to press buttons for the vehicle environment. Most of these plugins require a Data connection to work besides Local Music and A2DP Stream

To add plugin onto the Home screen, select EMPTY “+” where you would like to place the icon.

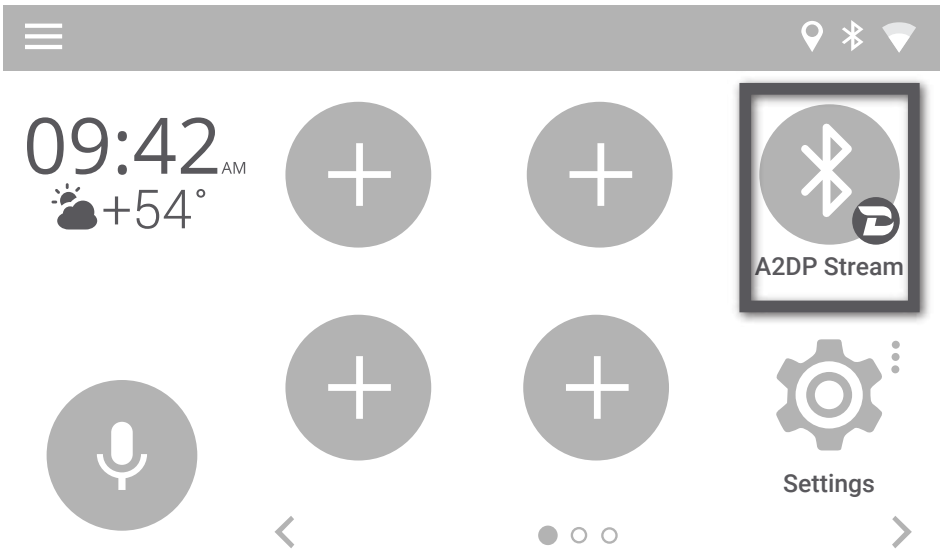
Then scroll to Plugins and selected desired plugin to add



A2DP Stream



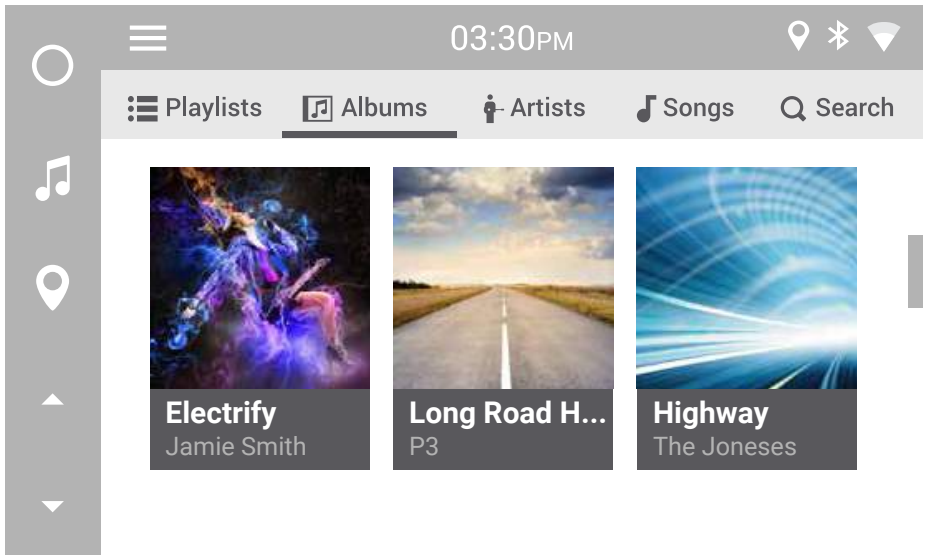
- Bluetooth Music streaming from a Bluetooth enabled device
- Grey icon means there is no Bluetooth connection from Phone to VLine
- Blue icon means Bluetooth device is connected and ready to stream audio. (Please refer to Bluetooth setup portion of manual)
- Song/artist info will display on screen
- Album artwork will display if VLINE is connected to WiFi data connection, (Please refer to WiFi setup portion of manual)



Google Music



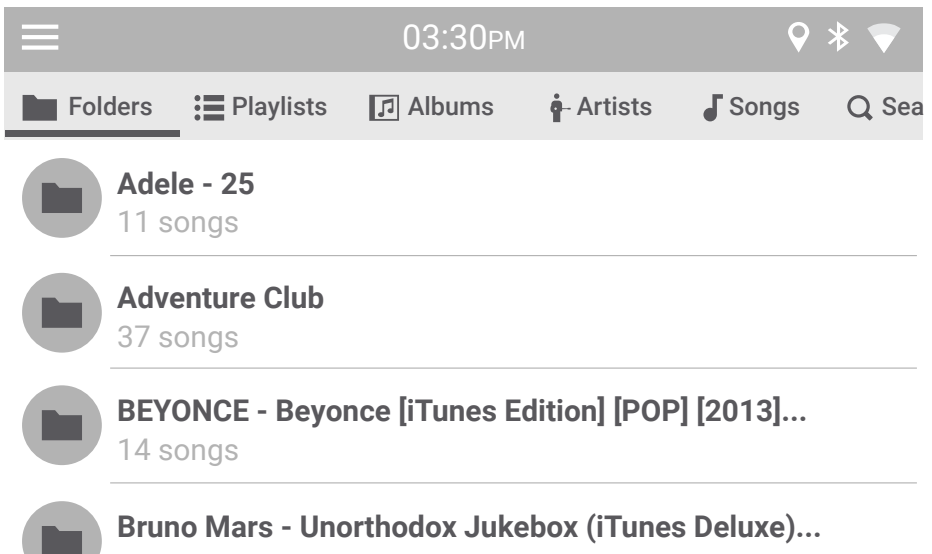
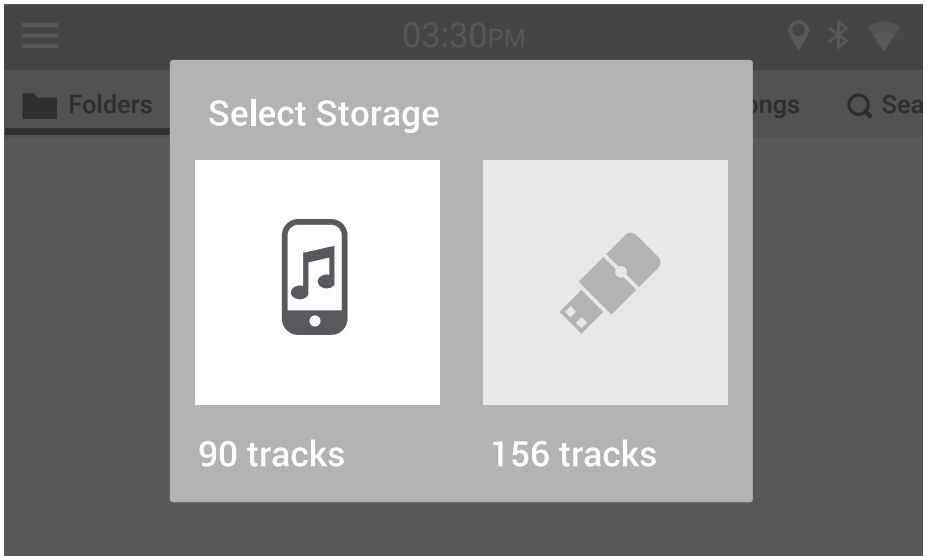
- Allows access to your Google Play music Purchased/ uploaded*
- Will require Gapps to be installed on VLINE (Please refer to Gapps Installation section of manual)
- To use Gapps you must have a Google account and be signed into the account
- *Only Purchased music library and Uploaded media will work, unlimited subscription/radio music will not work



Local Music



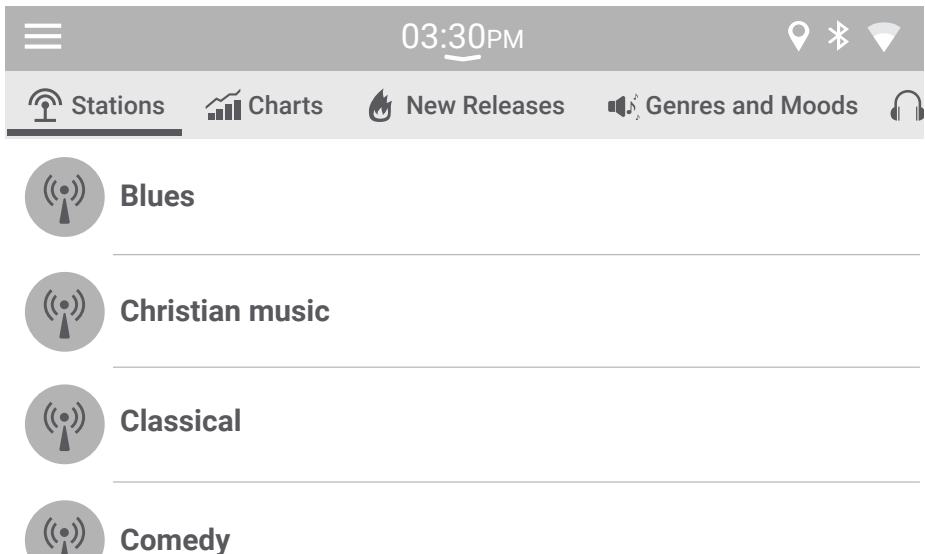
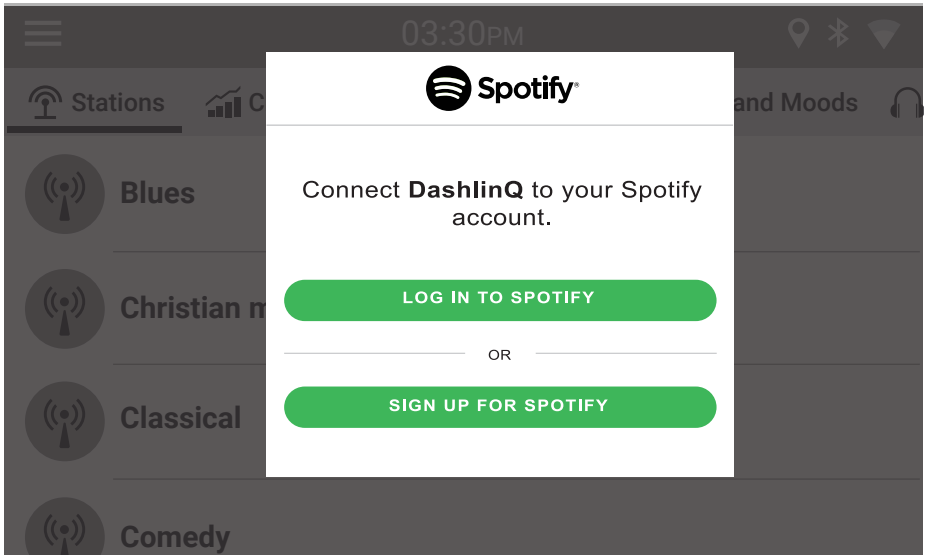
- Play music/audio stored on VLINE, USB drive or microSD card
- Plugin will read the music on selected storage and automatically organize music library by categories (Folder, Playlist, Album, Artist and Songs)
- Create Playlists from within the Plugin.



Spotify



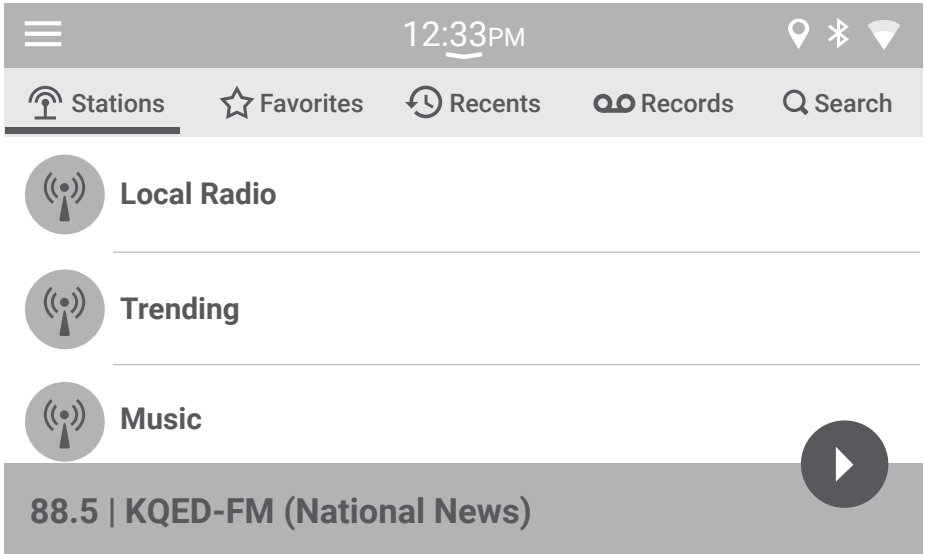
- Millions of songs on Spotify.
- Play your favorites, discover new tracks, and build the perfect collection.
- Requires Spotify premium account and to be logged in (free Spotify account will not work with this plugin)



Web Radio



- Stream Radio stations from around the world as well as local radio stations
- Listen to 100,000+ live radio stations, plus on-demand content like podcasts & shows anywhere you go.
- Searchable Stations by Local, Trending, Music Genre, Sports, News, Location, and Language.
- Star your favorite radio stations so you can easily access next time
- Record what is currently playing and listen to it later without WiFi connection.



CHAPTER 3 — ADVANCED SETUP

3.1 Installing Google Apps

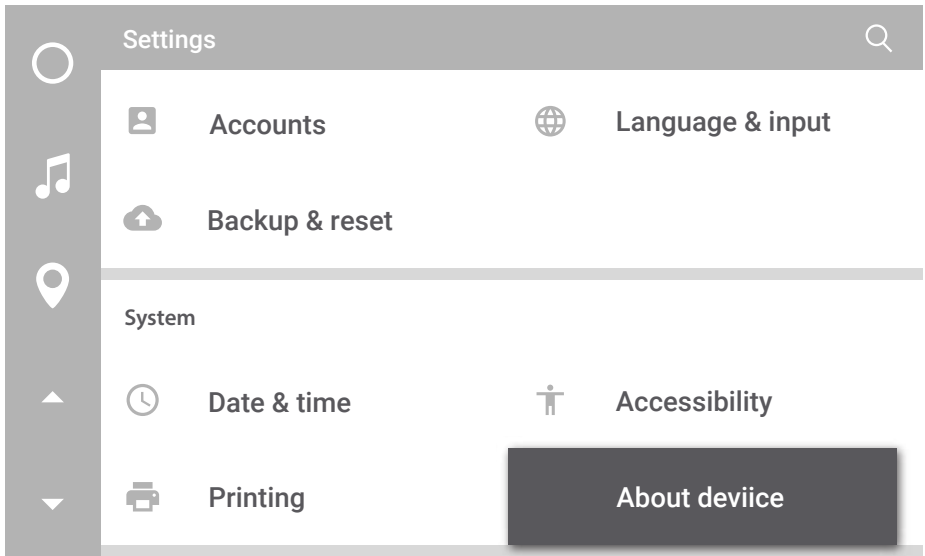
Installing Google Apps will provide you with Google Play Services on the VLINE as well as add an option for Google Play Store App to download any application available. This is strictly optional to install but with it installed it will open up more functions for the VLINE module.

To install the Gapps Package:

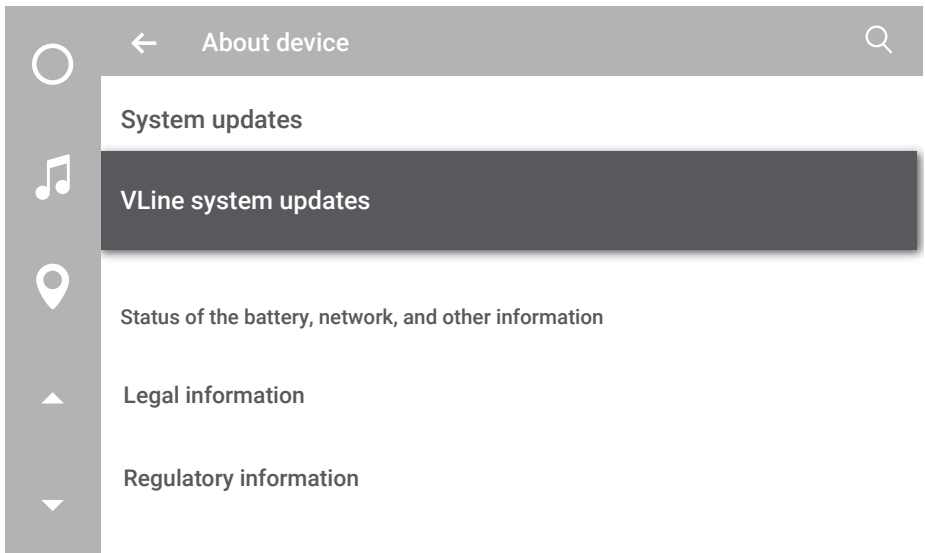
Go into Settings



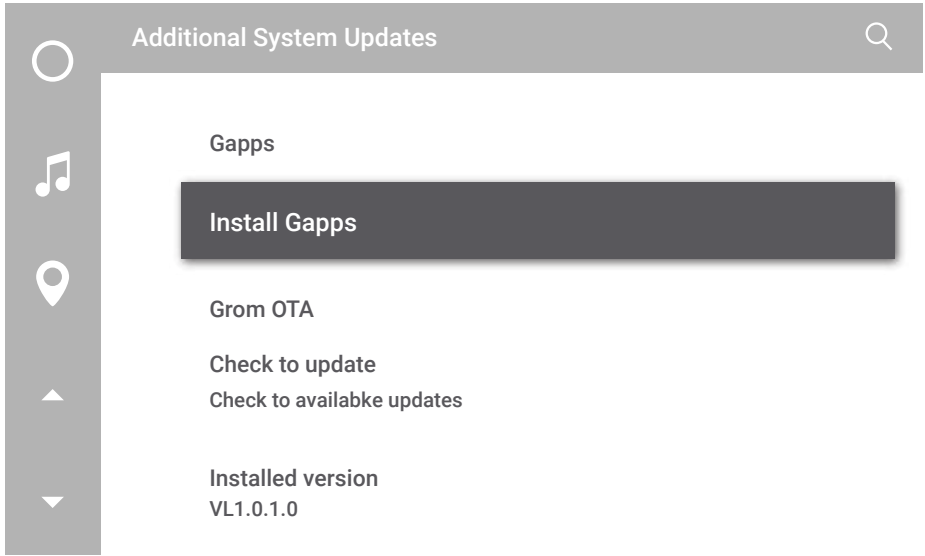
Scroll down all the way to the bottom and select “About Device”



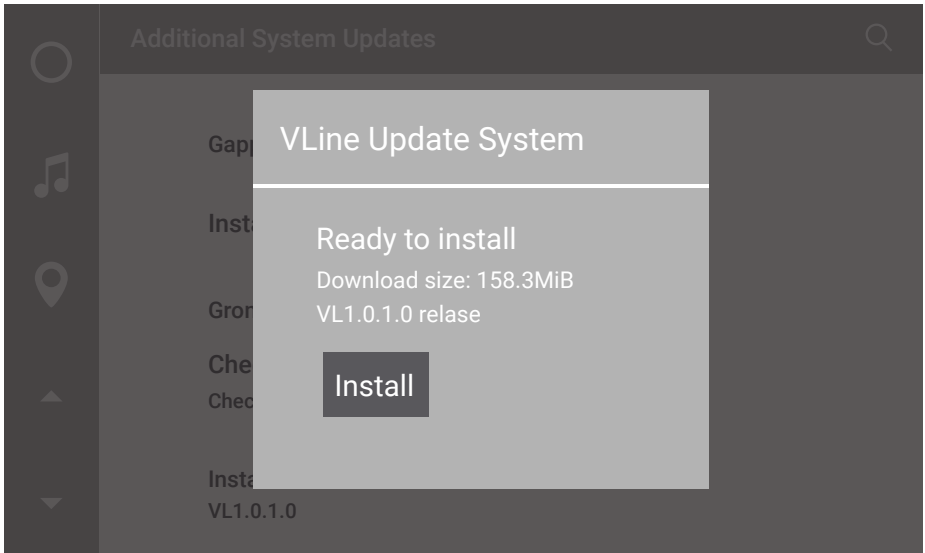
Then select “VLINE System Updates



Select "Install GApps"



Press the "Install" button to apply update.

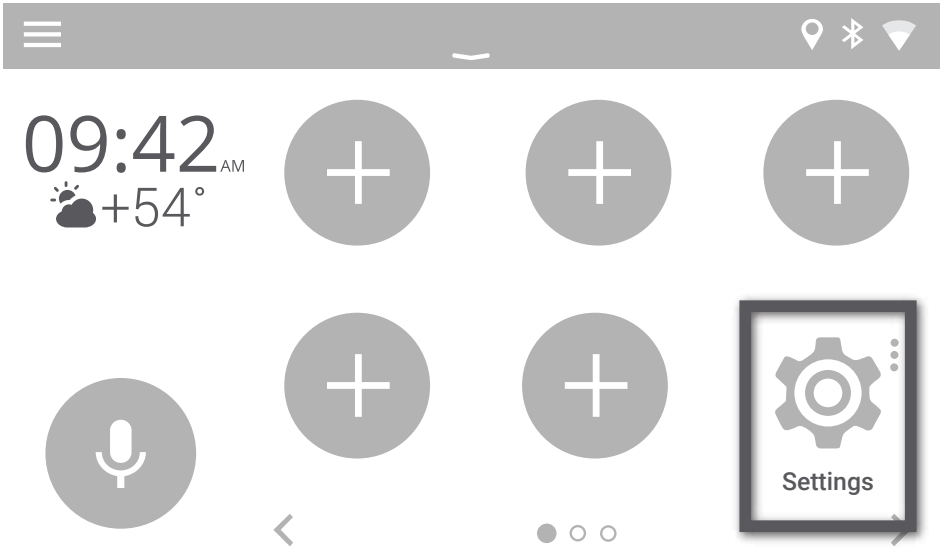


Wait for update to download and apply. The VLINE will restart during the process (this may take up to 10 minutes)

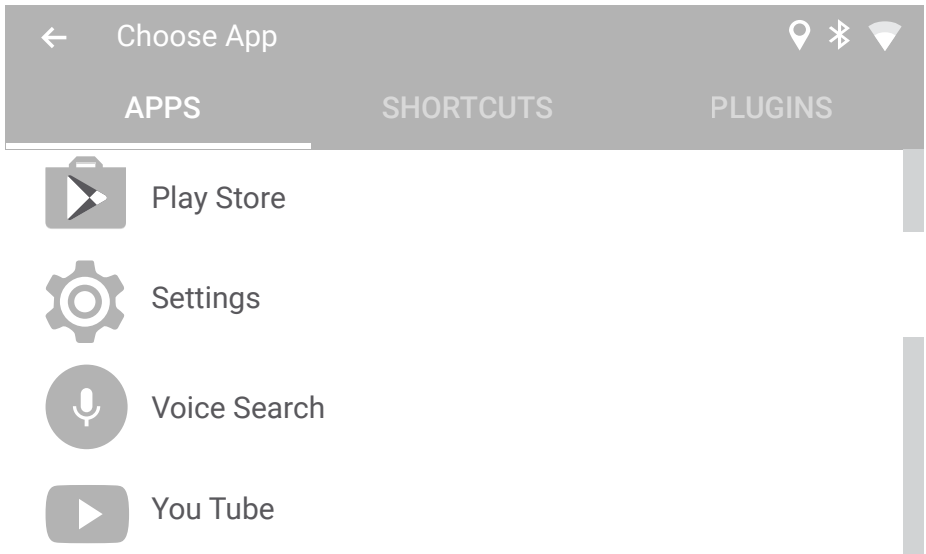
If System does not boot up within 15 minutes, Please turn off Ignition and wait 1 minute and then turn Ignition on again.

Adding Apps to Home Launcher

Select Empty Spot You Wish to Add Icon to

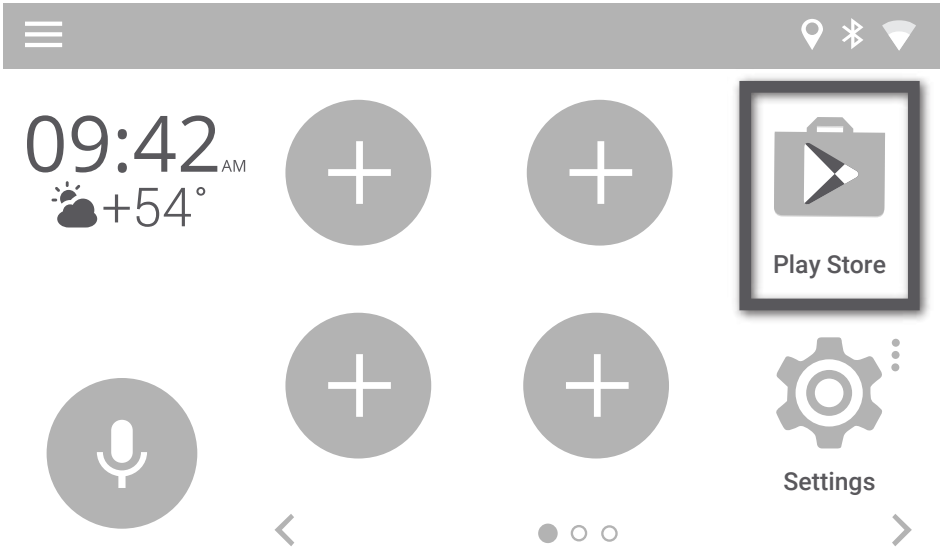


Select the Application/Shortcuts/Plugins you wish to add, in this case the "Play Store" Application.

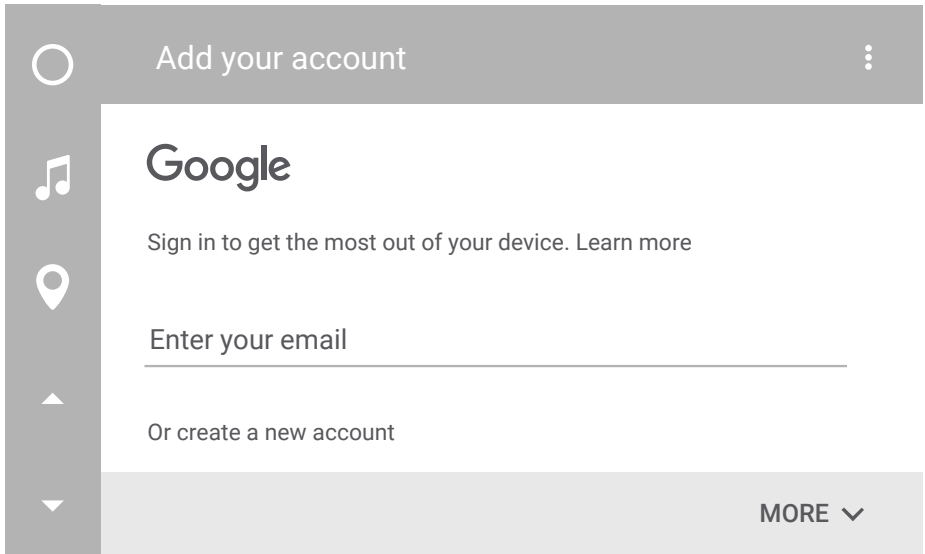


Signing onto Google Account

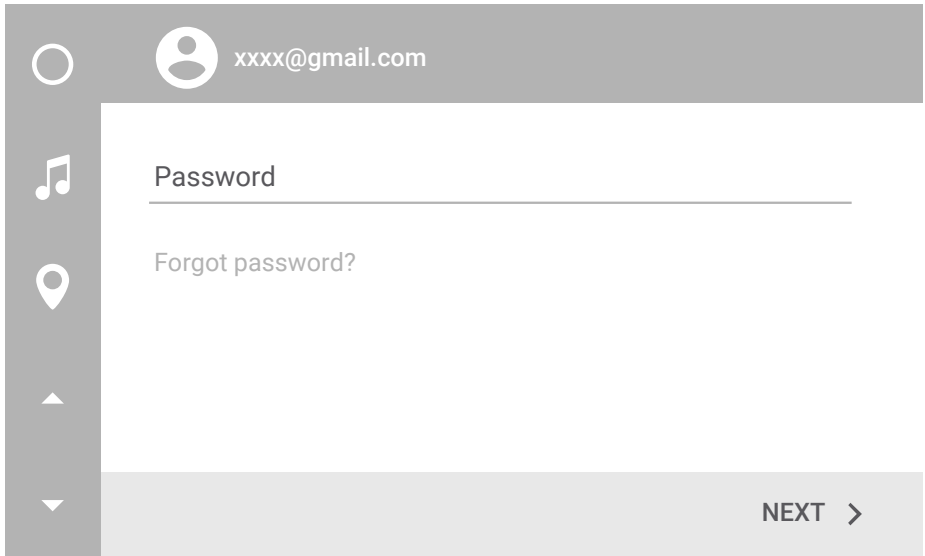
Select the Play Store Icon



First time signing into the Google Play Store, you will be promoted to enter your Google (Gmail) account information.

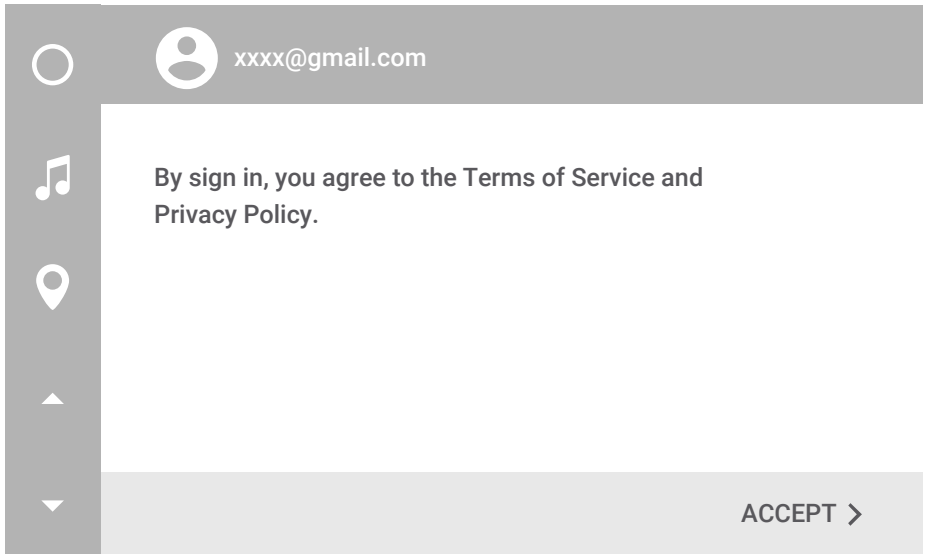


Enter in password for Gmail account



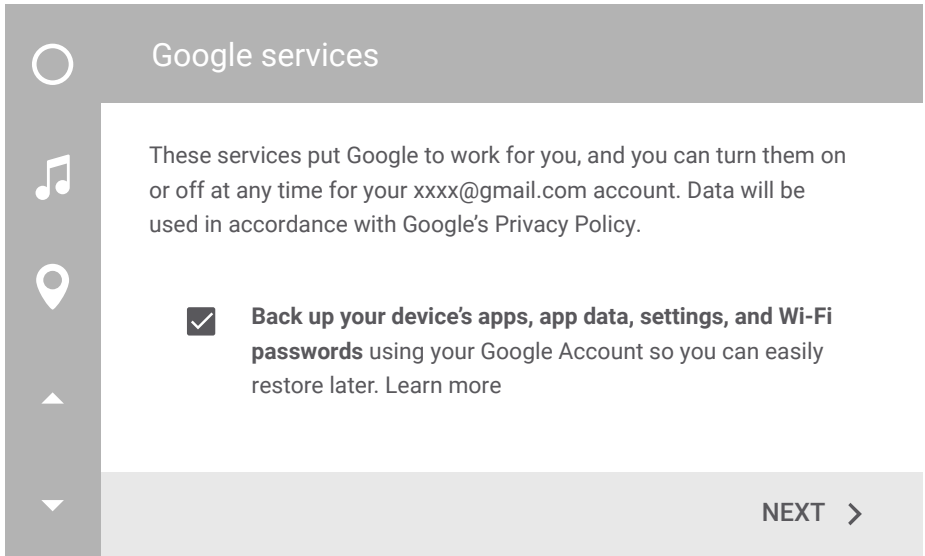
A screenshot of the Gmail login interface. At the top, there is a grey header bar containing a circular profile icon on the left and the email address "xxxx@gmail.com" on the right. Below the header, a vertical sidebar on the left contains five icons: a circle, a musical note, a location pin, an upward-pointing triangle, and a downward-pointing triangle. The main content area is white and contains the text "Password" followed by a horizontal input line. Below the input line is the text "Forgot password?". At the bottom right of the screen, there is a grey button with the text "NEXT >".

Confirm the onscreen Terms of Service and Privacy Policy prompts from Google

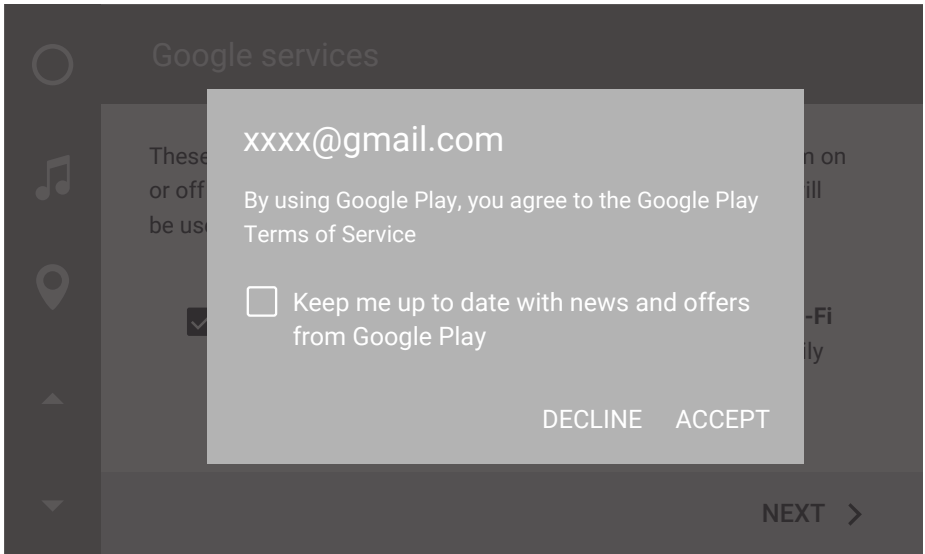


A screenshot of the Gmail login interface showing a terms of service prompt. The layout is identical to the previous screenshot, with the same header bar, sidebar, and input field. The main content area now displays the text "By sign in, you agree to the Terms of Service and Privacy Policy." in bold. At the bottom right, the grey button now contains the text "ACCEPT >".

Select next on Google Services Prompt

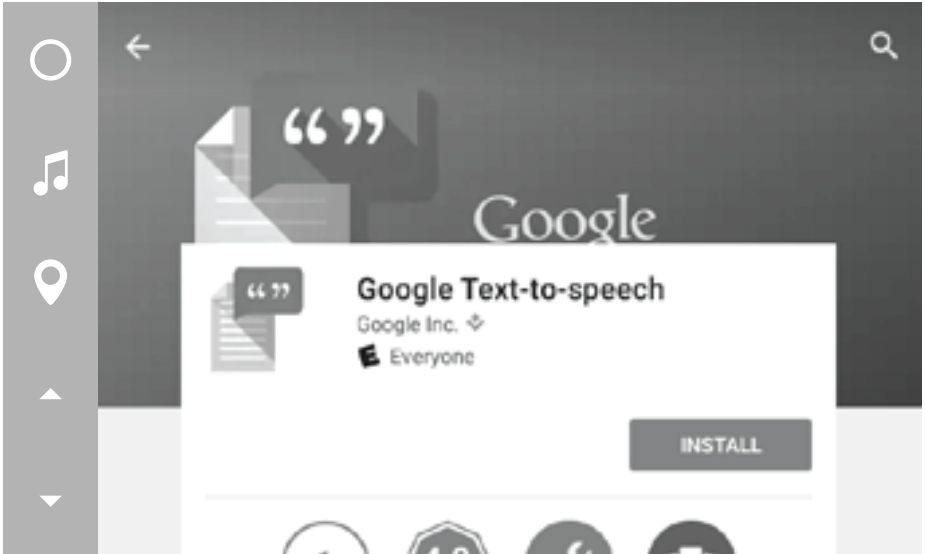


Confirm Google Play store agreement



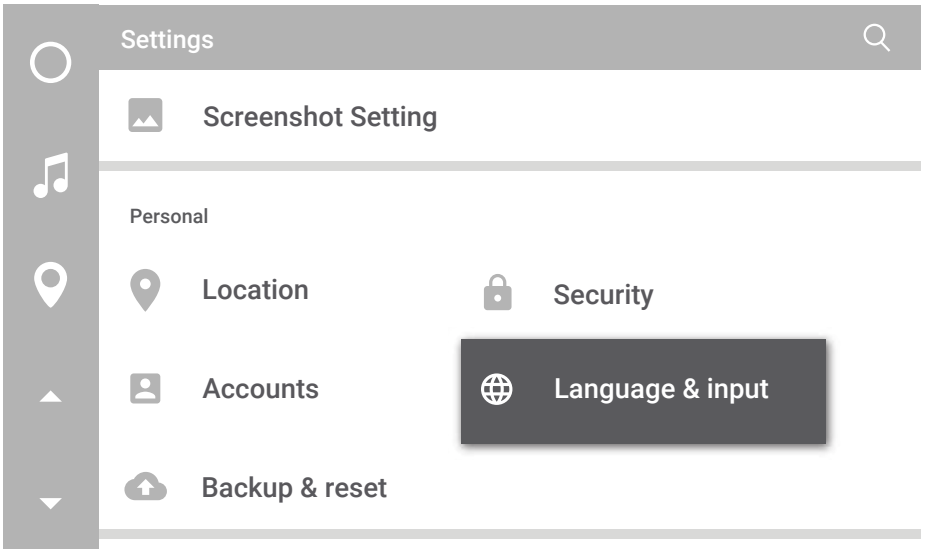
Changing Text-to-Speech Output

Once you have GApps installed, we recommend downloading and installing Application “Google Text-To-Speech” from the Google Play store to change the Voice Synthesizer to one that is more pleasing to listen to.

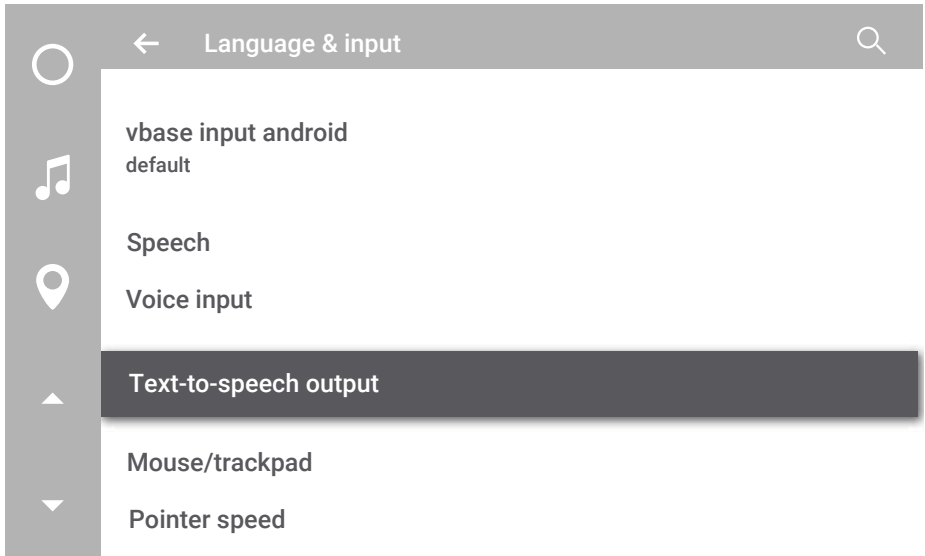


After installing “Google Text-To-Speech” from the Google Play store a change to in VLINE settings under “Language & Input/Text-to-Speed Output” will be necessary.

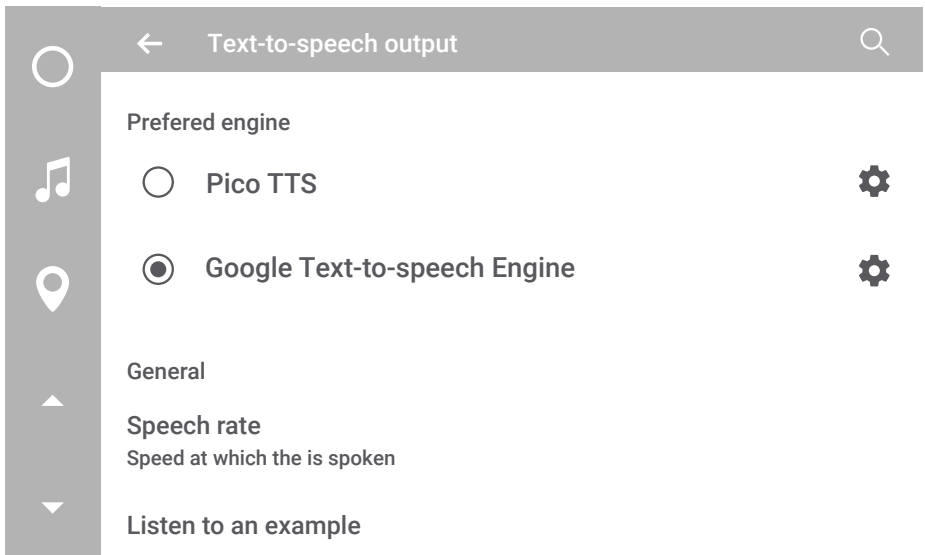
In settings, “Select Language & Input”



Select "Text-to-speech output"



Select "Google Text-to-Speech Engine" for Preferred Engine

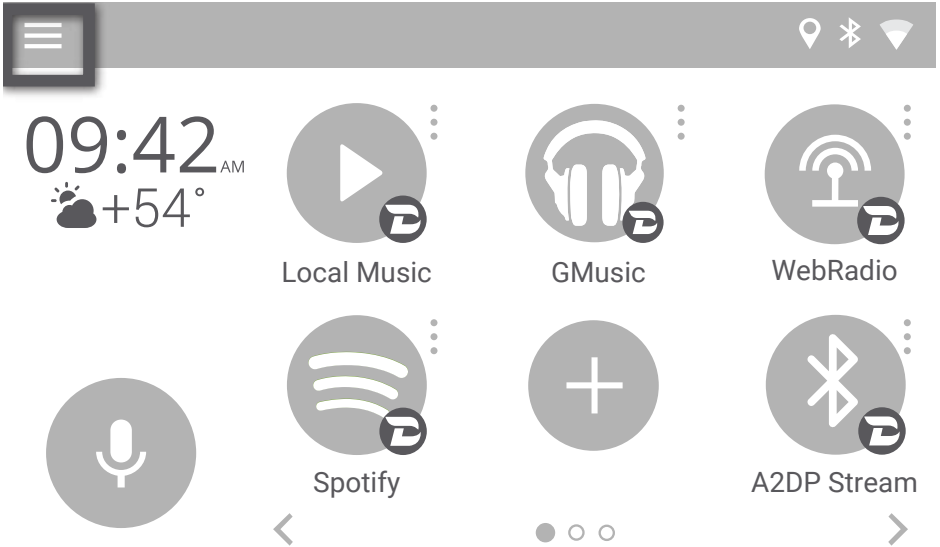


A reboot of VLINE will be required before changes are reflected.

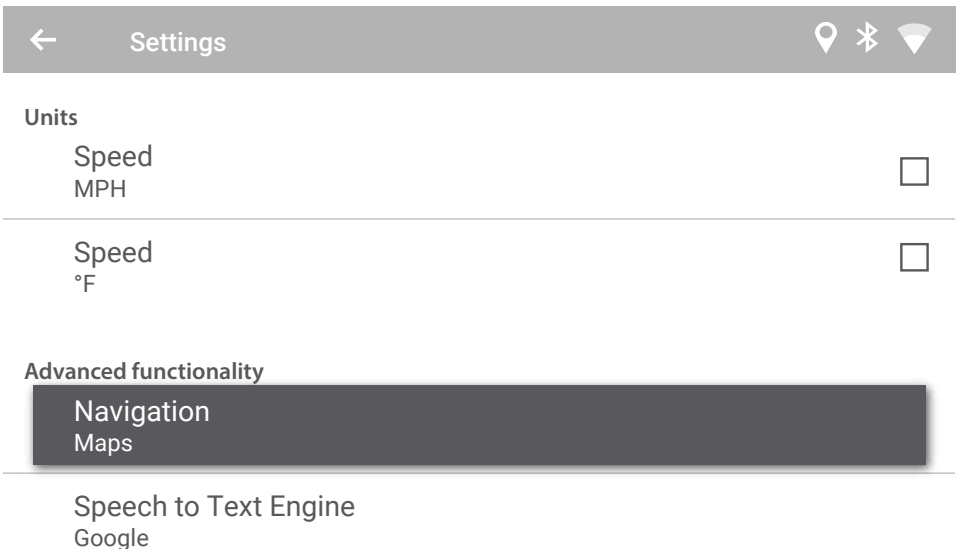
3.2 Maps Installation

Google Maps

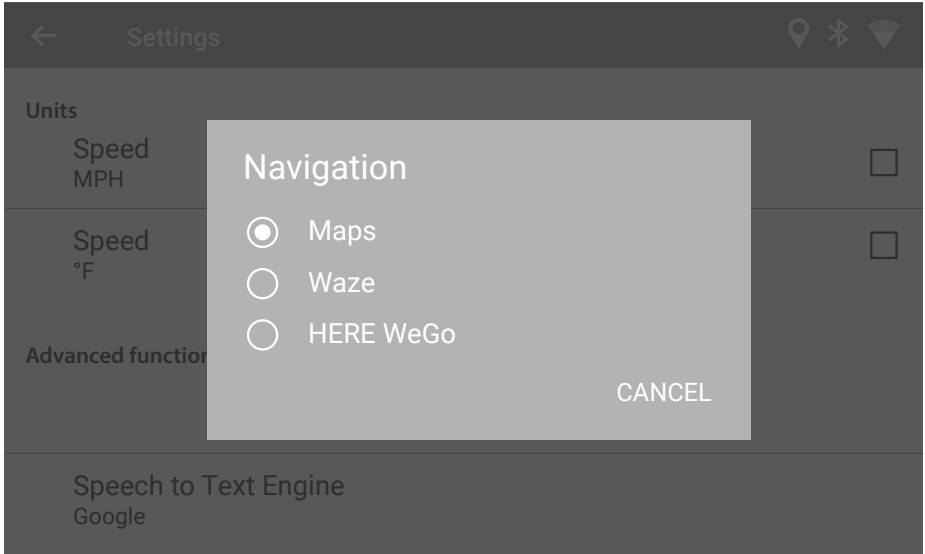
Select menu



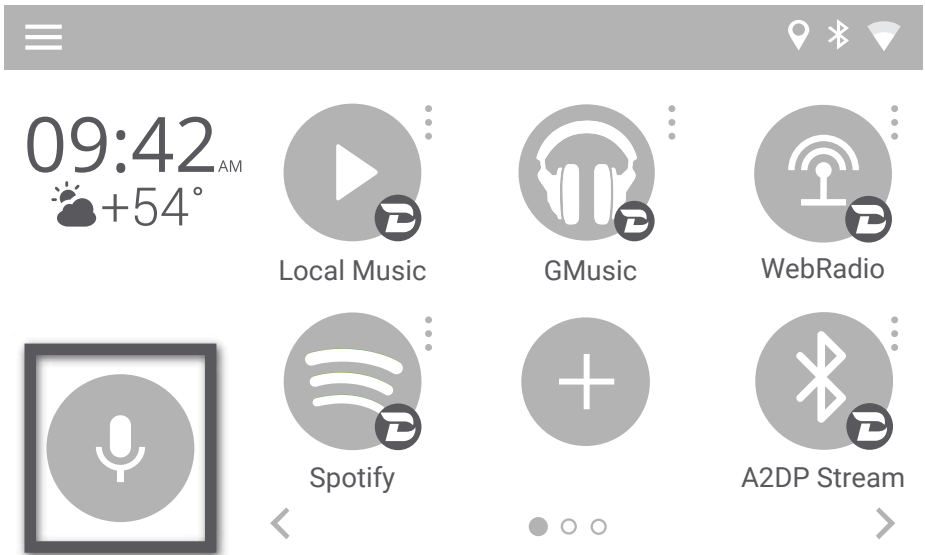
Select navigation



Choose your preferred map application



Activate navigation using voice icon

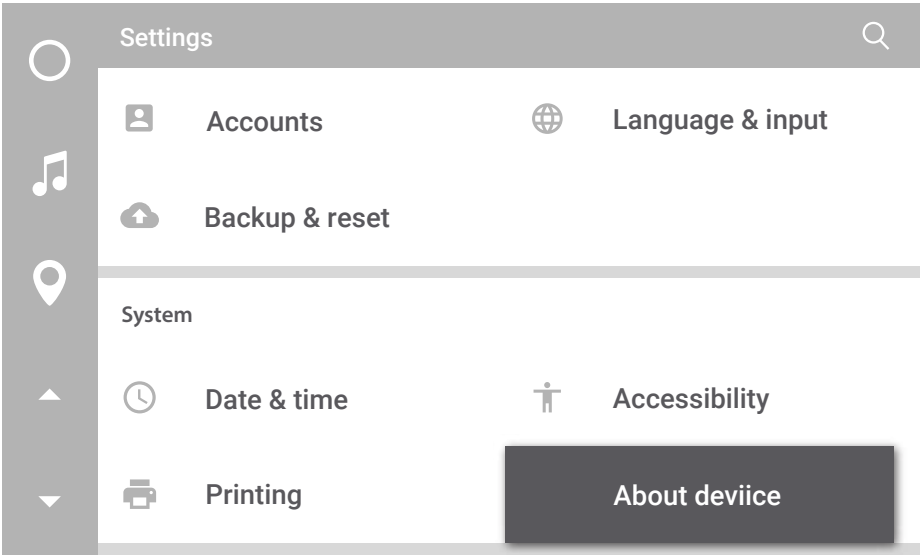


CHAPTER 4 – OTA UPDATES

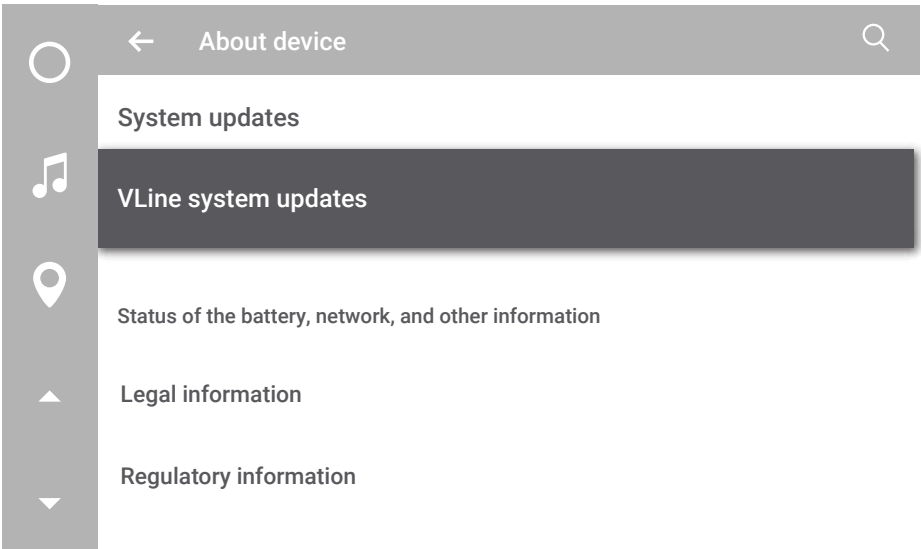
Periodically there will be Updates available for the VLINE to enhance features or to fix minor bugs.

NOTE: Make sure you are connected to a Wifi Connection before checking for update.

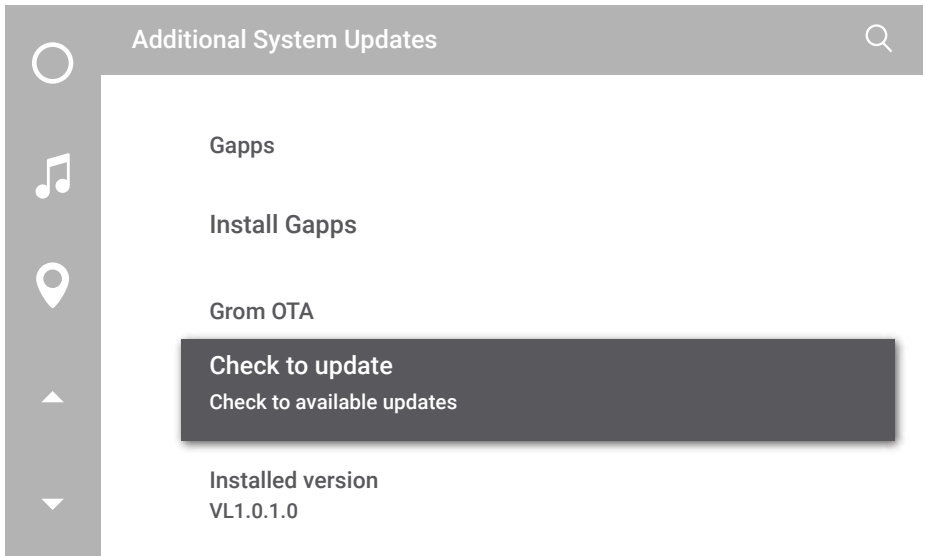
To install OTA updates go to “Settings->About Device”



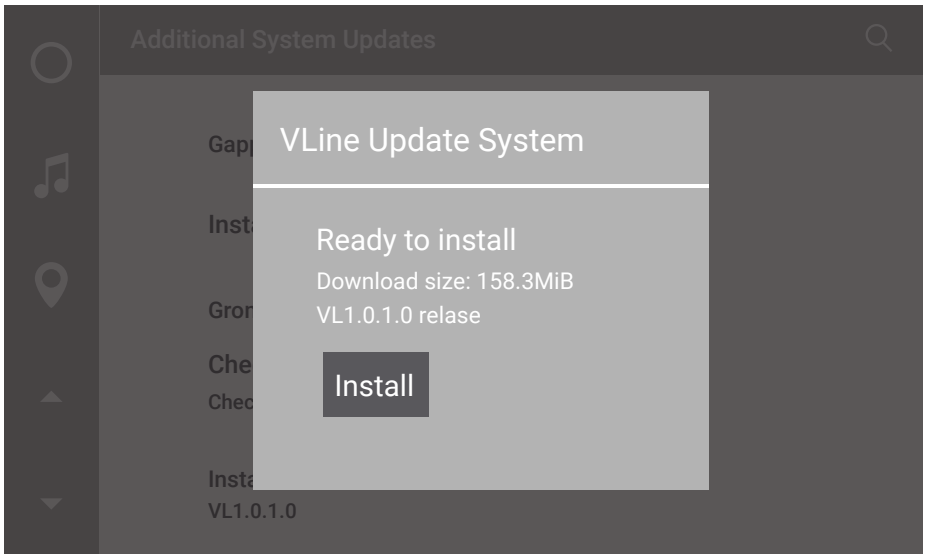
Select “VLINE System Updates”



Then select "Check for Updates"



If there is update available it will appear on screen to downloading



Wait for update to download and apply. The VLINE will restart during the process (this may take up to 10 minutes)

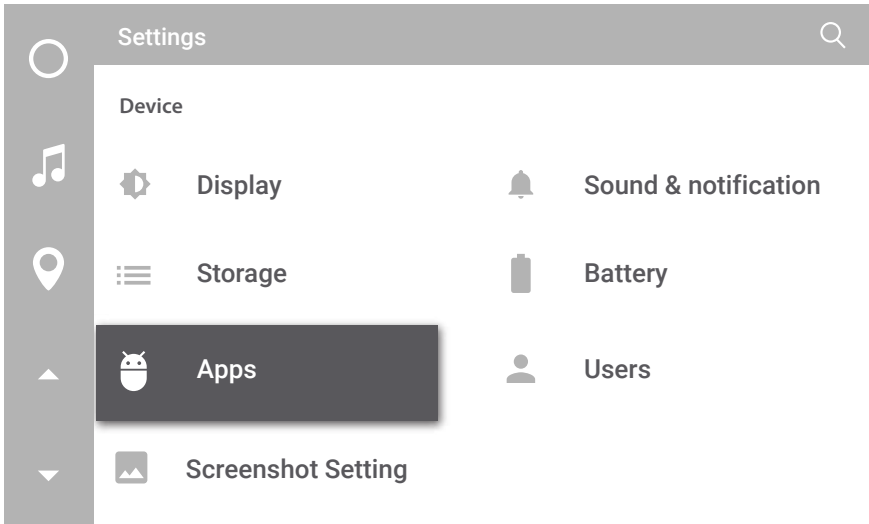
If System does not boot up within 15 minutes, Please turn off Ignition and wait 1 minute and then turn Ignition on again.

CHAPTER 5 – SUPPORT

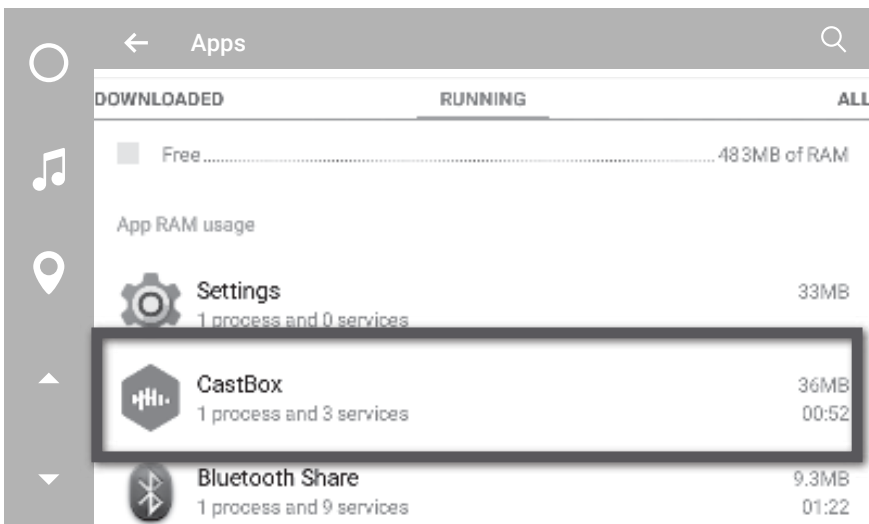
TROUBLESHOOT: HOW TO BOOST VLINE PERFORMANCE

To improve speed and performance on your VLine, periodic clean-up of your apps is recommended.

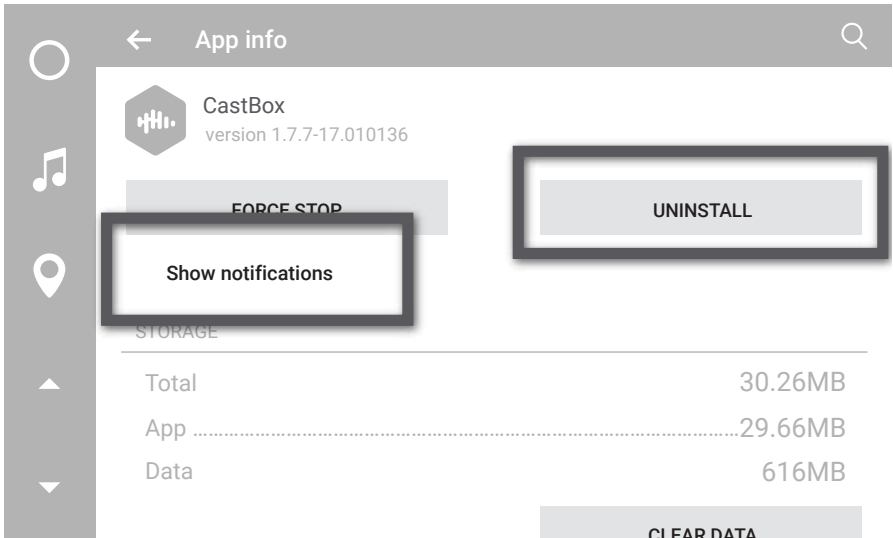
Go to Apps --> to check active apps, and then to Downloaded.



To close one app at a time, select each close icon individually.



If you still want the app in the system, but do not need it to run, uncheck Show Notifications. Please note that some apps still may run in the background.



For technical support please visit us at <http://gromaudio.com/support.html> and fill out the form. For live support, please go to <http://gromaudio.com>.

Please check our FAQ at <http://gromaudio.com/support/faq.html> videos and installs at <http://gromaudio.com/installs/index.html>.

