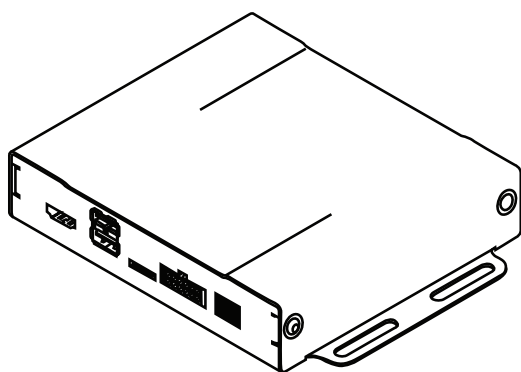


VLine



GROM-VL1 SYSTEM

LEX5VL1

www.gromaudio.com
www.gromaudio.com/support.html

 **GROM**
AUDIO

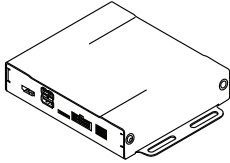
CONTENTS

Package contents.....	4
CHAPTER 1 — INSTALLATION.....	4
1.1 Before Installation	4
1.2 Tools	4
1.3 Vehicle Installation	4
1.4 Safety Guidelines & Appropriate Use	5
Connect supplied Display Harness Cable to factory Display.....	6
Connect VLine Interface cable to Factory Head unit.....	7
Connecting to VLine	
Routing the GPS Antenna.....	8
Routing the Microphone.....	9
Mounting the VLine Module.....	10
Understanding VLine Ports.....	11
Chapter 2 — getting started.....	12
2.1 Initializing	
2.2 Functions	
Initial configuration.....	13
Setting up WIFI	13
Setting up Bluetooth.....	15
Chapter 3 — MEDIA PLUGINS.....	17
A2DP Stream.....	18

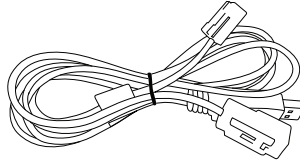
Google music	19
Local Music	20
Spotify.....	21
Web Radio.....	22
Chapter 4 — VLine OTA update.....	23
Chapter 5 — Advanced setup (Optional).....	25
5.1 Installing Google Apps	
Adding Apps to Home Launcher.....	28
Signing onto Google Account.....	29
Changing Text-to-Speech Output.....	32
SUPPORT.....	34
WARRANTY.....	34
EIGHTEEN MONTH (18) LIMITED WARRANTY	
GRANT OF LICENSE.....	35
OPERATIONAL WARNING AND SAFETY INSTRUCTIONS.....	36

GROM-V1 SYSTEM

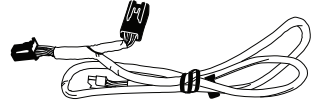
PACKAGE CONTENTS



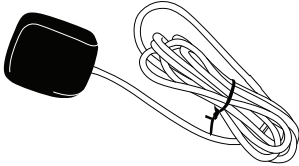
VLine module



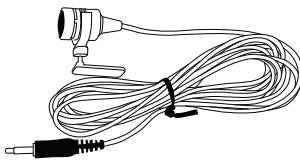
GVMF
Display Harness



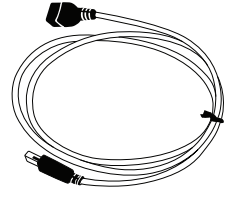
MCFTOY
Power Harness



GPS Antenna



Microphone



USB Extension cable

CHAPTER 1 — INSTALLATION

1.1 Before Installation

Before starting work with any wiring, please wait 90 seconds after turning the Ignition to the OFF position and disconnecting the negative (-) terminal of the battery. This is to ensure that no SRS airbags faults are triggered during the installation when disassembling the vehicle's panels and wiring connections for the VLINE module installation.

Please review the entire manual to familiarize yourself of the VLINE module and the installation requirements before installing the unit and using it.

1.2 Tools

Have Tools ready for disassembling the dashboard panels to remove the stereo.

Some basic tools will be required for stereo removal and installation, Plastic prying tools, Phillips head screwdriver, 10mm socket and ratchet. Additional tools may be required depending on vehicle and installation preference.

1.3 Vehicle Installation

Each model vehicle disassembles differently. The removal of the stereo and

wiring installation requires special technical skills and experience. If you do not feel comfortable doing the installation please consult with your local car audio shop or installation professional for instructions or assistance if necessary.

Carefully remove the factory Stereo and Display out of the dash cavity with proper tools.

It may be necessary to disconnect items surrounding the stereo and display to remove them and gain access to the back of the stereo to make your connections.

1.4 Safety Guidelines & Appropriate Use

By using VLine you agree:

- to operate VLine only when there are safe driving conditions;
- to follow any applicable state and traffic laws;
- to keep an eye on the road at all time while driving;
- do not attempt to play video (such as YouTube) on a display while the vehicle is in motion;
- do not use VLine without running the engine for the extended period of time as it can drain the battery.

Do not use Vline in a manner that would distract the driver or that may otherwise cause injury or death to vehicle occupants or bystanders.

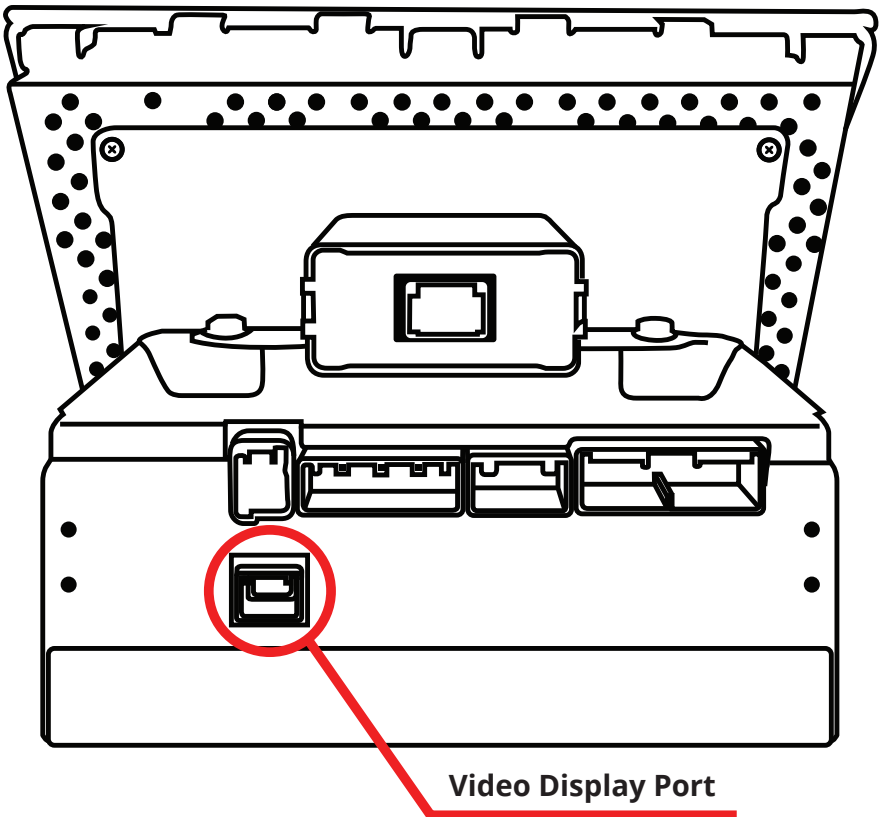
IT IS ILLEGAL IN MOST STATES OF THE UNITED STATES AND MAY BE ILLEGAL IN OTHER JURISDICTIONS FOR ANY TELEVISION OR OTHER VIDEO DISPLAY, STREAM, TRANSMISSION OR BROADCAST TO BE VISIBLE TO THE DRIVER WHILE THE VEHICLE IS IN MOTION. YOU AGREE NOT TO USE ANY VISUAL COMPONENT OF VLine WHILE IN CONTROL OF A MOVING VEHICLE WHERE DOING SO WOULD BE ILLEGAL OR DANGEROUS TO VEHICLE OCCUPANTS OR BYSTANDERS. DOING OTHERWISE CAN LEAD TO SERIOUS INJURY OR DEATH TO YOU AND OTHERS. PLEASE FIND A SAFE PLACE TO PARK AND ENGAGE THE PARKING BRAKE BEFORE VIEWING ANY VIDEO DISPLAYS, STREAMS, TRANSMISSION, OR BROADCAST AVAILABLE THROUGH VLIN.

Connect supplied Display Harness Cable to factory Display

Locate BLUE Display port on rear of Multi Display ECU.

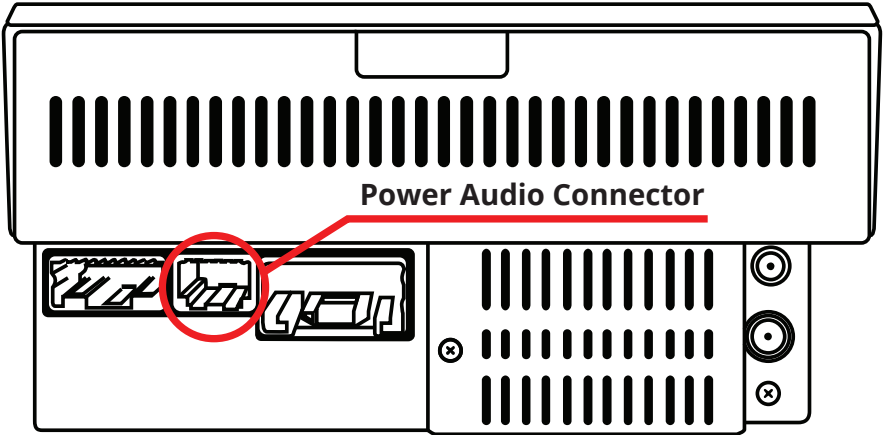
If the port is Empty, plug in supplied video cable (GVMF) into port and leave female portion of cable with nothing attached.

If there is cable plugged in, disconnect factory Display cable (typically Blue in color). Then plug in supplied Y cable and reconnect disconnected cable into female plug of the supplied Display cable.



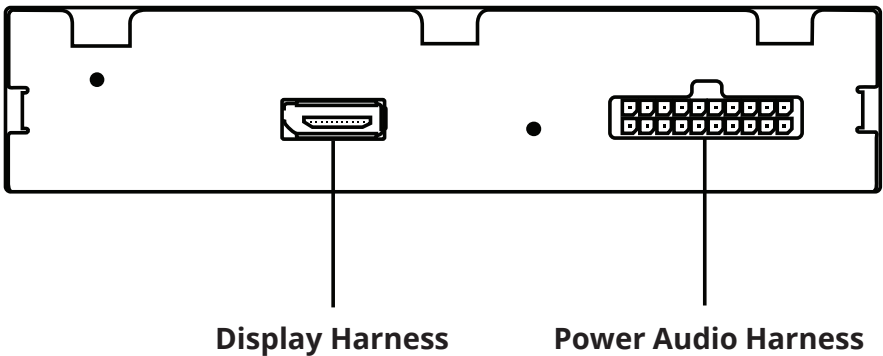
Connect VLine Interface cable to Factory Head unit

Located 12-pin connector and unplug. Plug in supplied Power Audio Wiring Harness Interface cable (MCFTOY). Reconnect back what was disconnected from the rear of the stereo back into the female plug of the supplied interface cable.



Connecting to VLine

Route the unused end of Display Cable and Power Audio Cable to the VLine module and connect them to the correctly labeled ports.

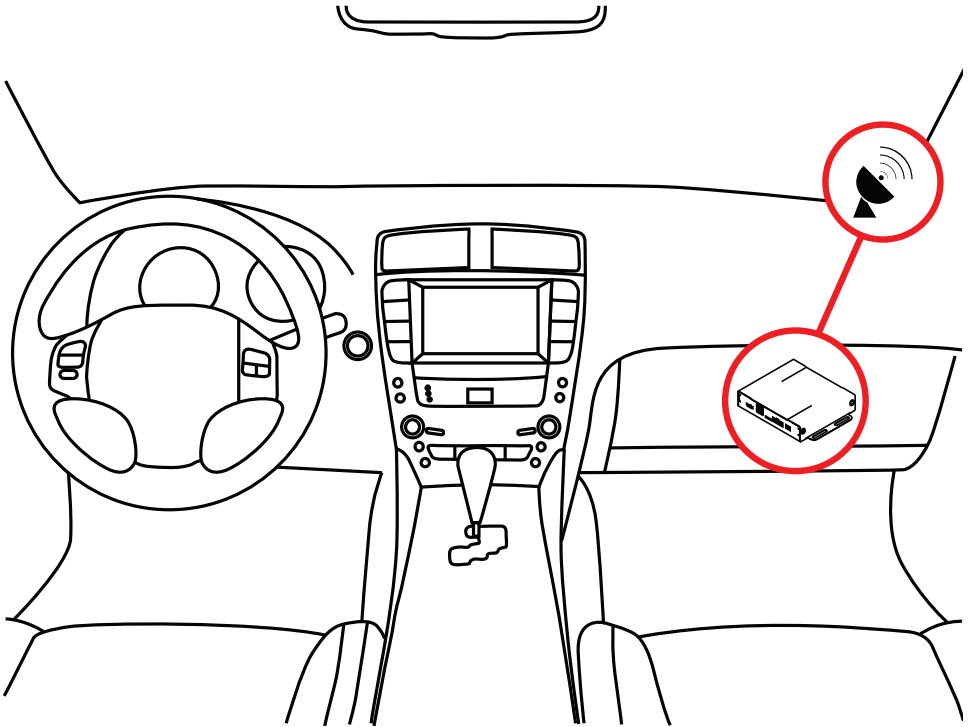


Routing the GPS Antenna

The GPS Antenna module is magnetic as well as supplied with double sided tape.

It can be mounted to the top of dashboard or to outside of vehicle whichever you prefer. Route to desired location. We recommend mounting on inside of vehicle on passenger side of the Dashboard as shown below.

Plug the GPS antenna into the port labeled **CAMERA AV1** on the VLine Module

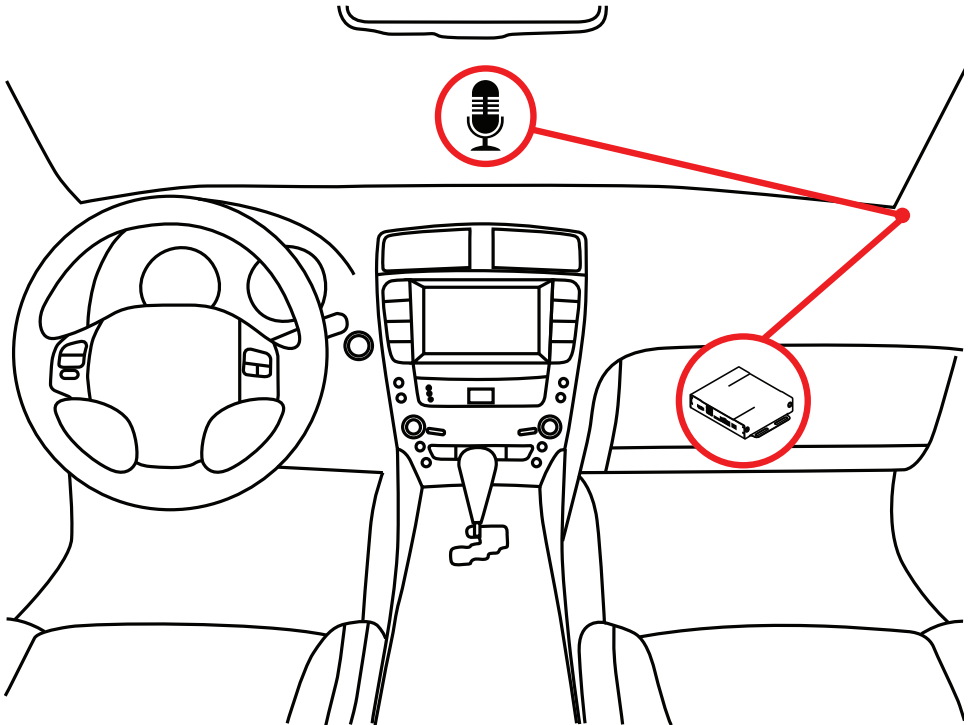


Routing the Microphone

Route microphone to a location where it will be able to pick up voice clearly.

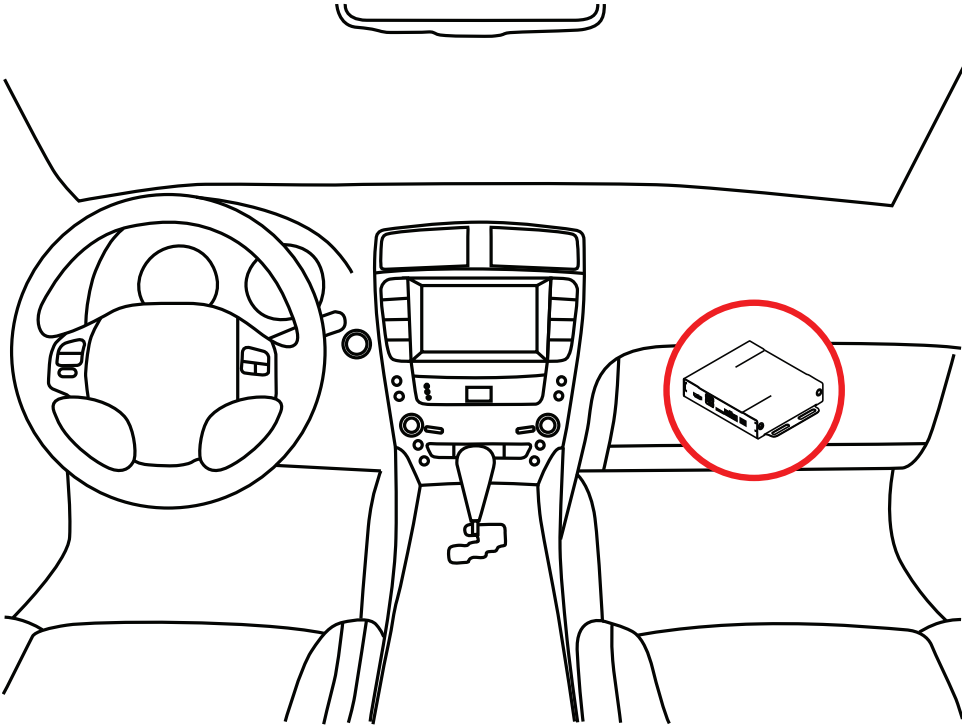
We recommend to mount MIC nearby the rear view mirror but not directly on windshield glass. Avoid sticking to the hard surface as it will pick up more noise.

Plug the microphone into the MIC port of the VLine module



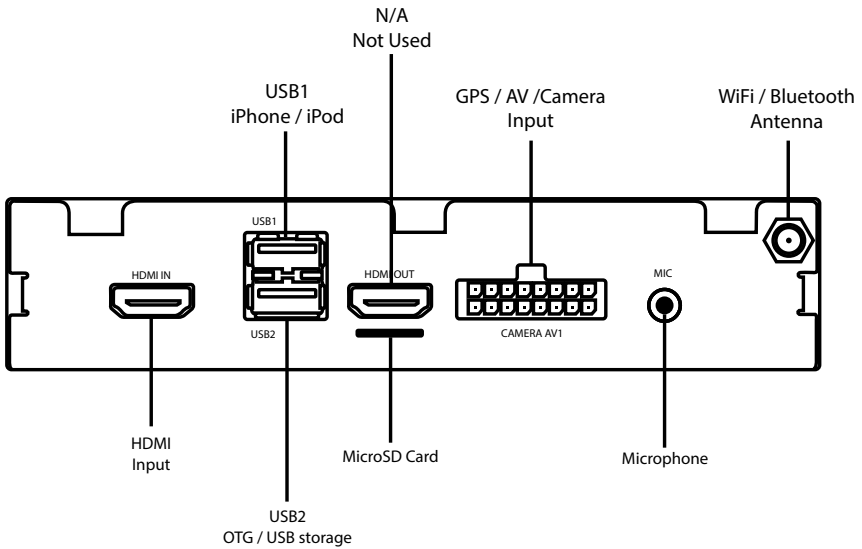
Mounting the VLine Module

Mount module in location free of any moving parts. We strongly recommend mounting the module in an easily accessible location such as the glove compartment for easy access to the USB ports and in case of needing to upgrade firmware on the VLine module.



Securely mount and install the interface in a location free from heat, humidity, moving parts, or direct sunlight. Beware of hot-air flow from your vehicle's climate control system. The interface should be secured in a suitable location, free of sharp metal edges, using double-sided tape, Velcro, or wire ties. The adapter's operating temperature range is -30°C to $+70^{\circ}\text{C}$ (-24°F to $+158^{\circ}\text{F}$)

Understanding VLine Ports



USB1

Ipod/Iphone connection

Any other USB device (Android phone, Keyboard / Mouse, USB flash drive)

USB2

Any other USB device (Android phone, Keyboard / Mouse, USB flash drive)

MicroSD

Insert micro SD card to increase storage space for Vline (up to 128GB supported)

HDMI IN

HDMI input connection to connect external video sources.

(add plugin to Dashling Launcher to use feature)

HDMI OUT

N/A, not used

MIC

Microphone input, Connect 3.5mm Mono Microphone

CHAPTER 2 — GETTING STARTED

2.1 Initializing

After connecting the VLine module to the stereo, an Ignition Cycle will have to be performed for the stereo to discover Vline and allow Vline to self configure.

To INITIALIZE:

1. Put Ignition Switch to “ACC” or “ON” position
2. Wait up to 5 Seconds
3. Put Ignition Switch to “OFF” position
4. Wait 1 minute
5. Turn Ignition Switch back to “ACC” or “ON” Position
6. Press the DISC button until you are able to select the VLINE interface.
(may take more than 2 presses of the DISC for accessing as first press is for built-in CD/DVD changer in most cases)

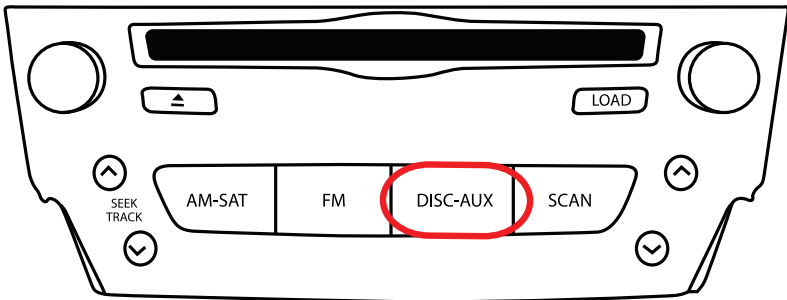
2.2 Functions

The GROM VLINE emulates the factory external CD changer mode or USB mode of the stereo depending on vehicle year and model that it is installed into.

No factory functions of the stereo will be disabled. Factory Bluetooth, Navigation, Radio and CD player will remain functional.

Selecting the VLINE mode:

Press the DISC button to access the external CD changer mode of the stereo to enter into VLINE interface mode (may need to press DISC few times).

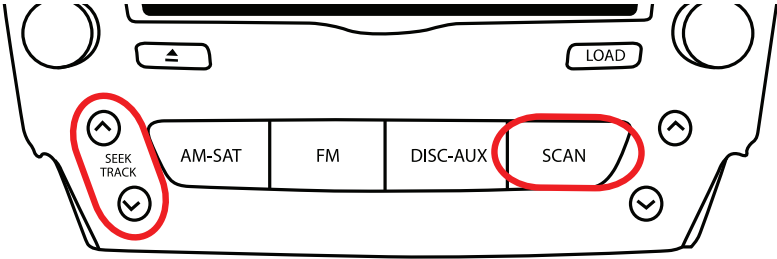


Adjusting Audio Bass, Treble, Balance/Fade for VLINE Mode.

To adjust, press SCAN button 3(three) times. Factory display will switch from VLine Interface into factory CD changer interface to adjust Audio settings.

Press SCAN button 3 (three) times again to switch back into VLine Interface mode again

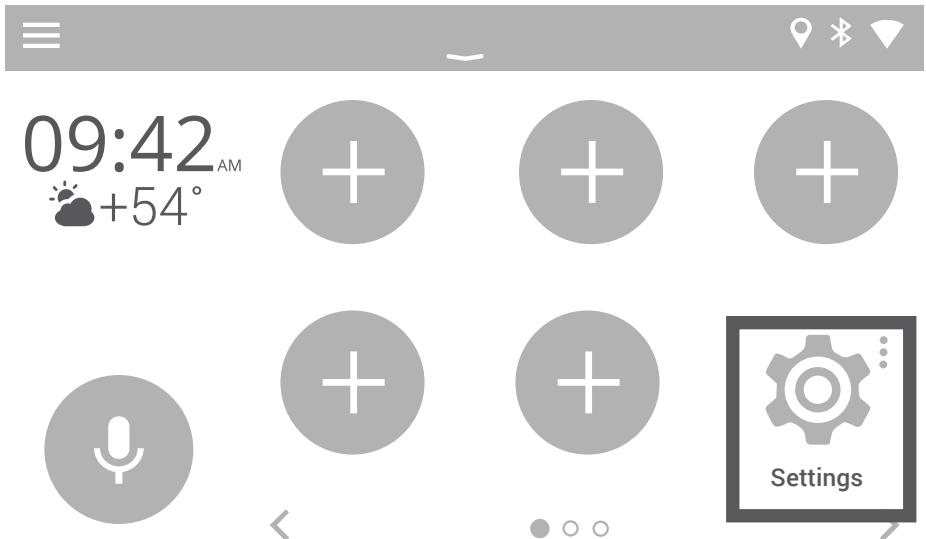
Track selection can be done with the stereo's SEEK TRACK ^ and v buttons or steering wheel buttons.



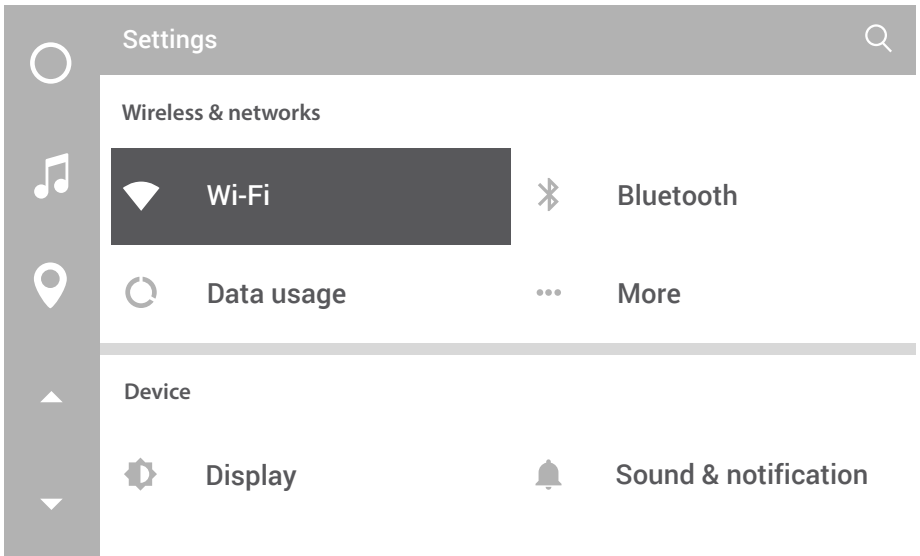
Initial configuration

Setting up WIFI

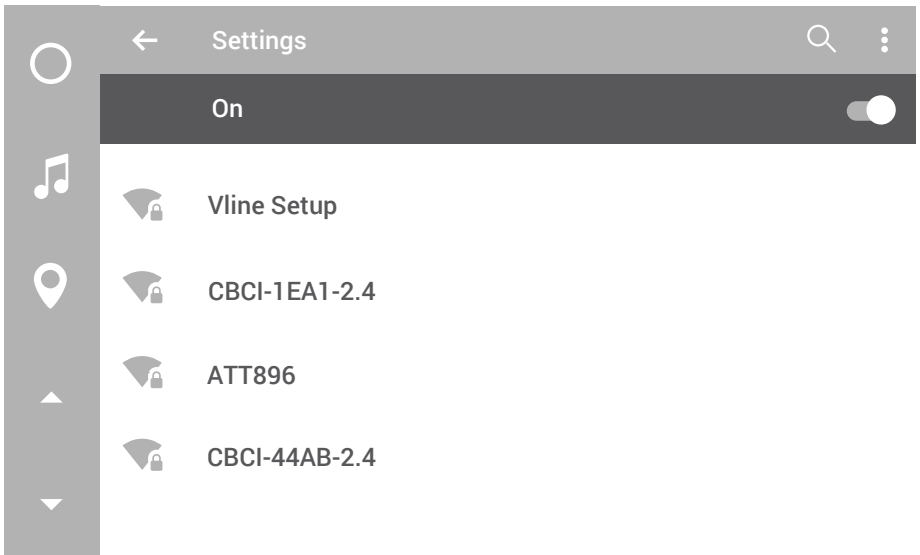
The VLINE module will require a data connection while vehicle is in mobile on road to take advantage of majority of its features.



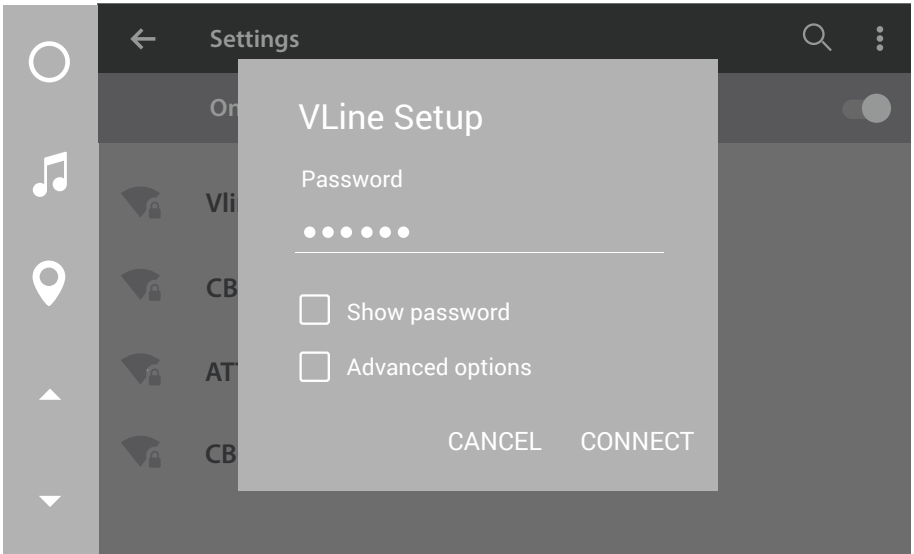
Go into WiFi Settings



Select WiFi channel to connect



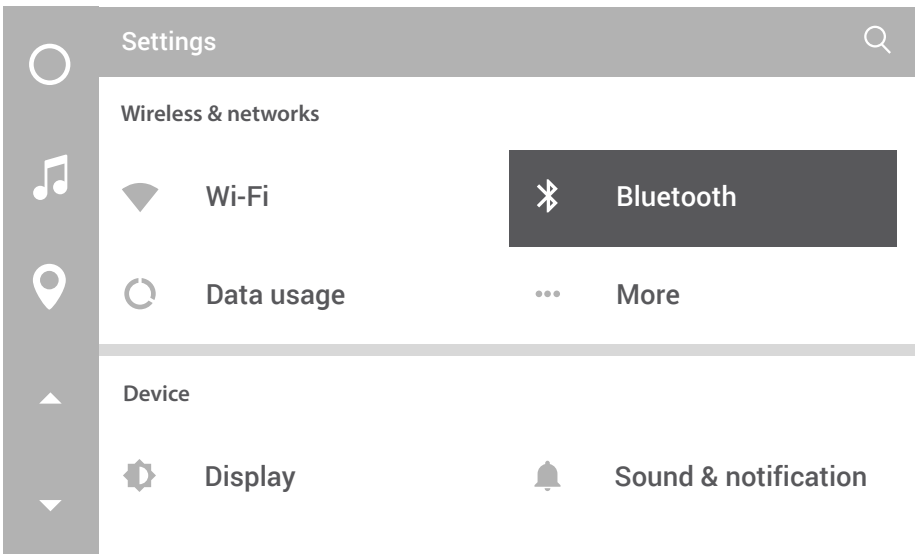
Enter In [Password] and select on CONNECT



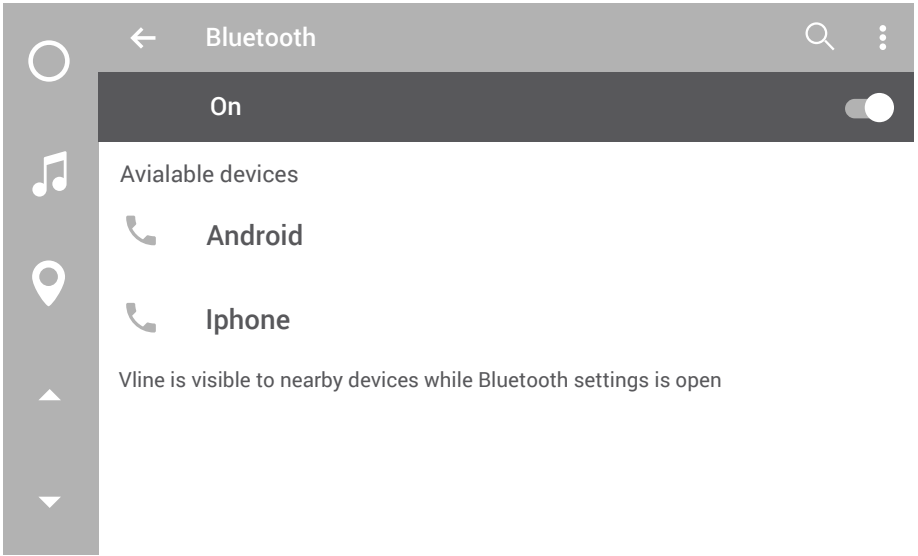
NOTE: Please check with Mobile Carrier for Hotspot data usage limits. Depending on mobile provider you might be a subject to mobile data and tethering charges.

Setting up Bluetooth

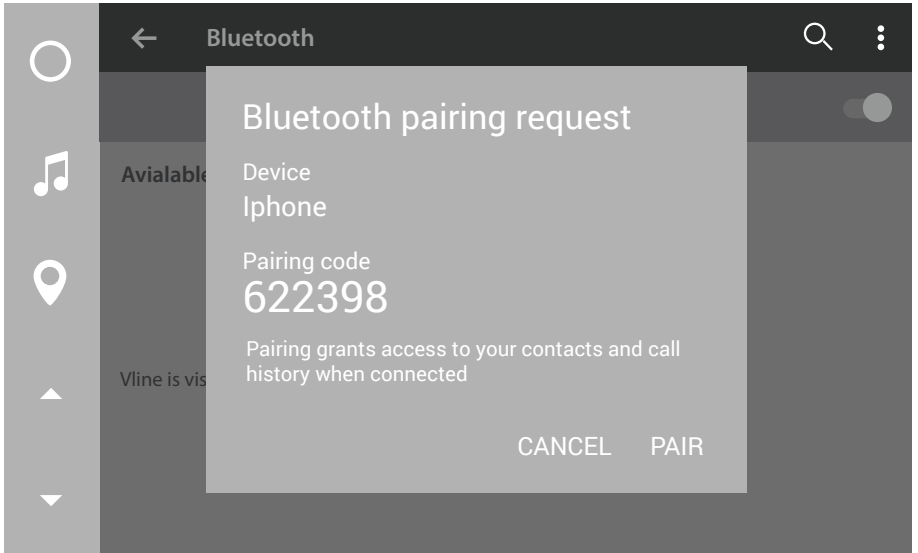
Select Settings->Bluetooth



Use your phone to find VLine device



Confirm PIN code on VLine and Phone



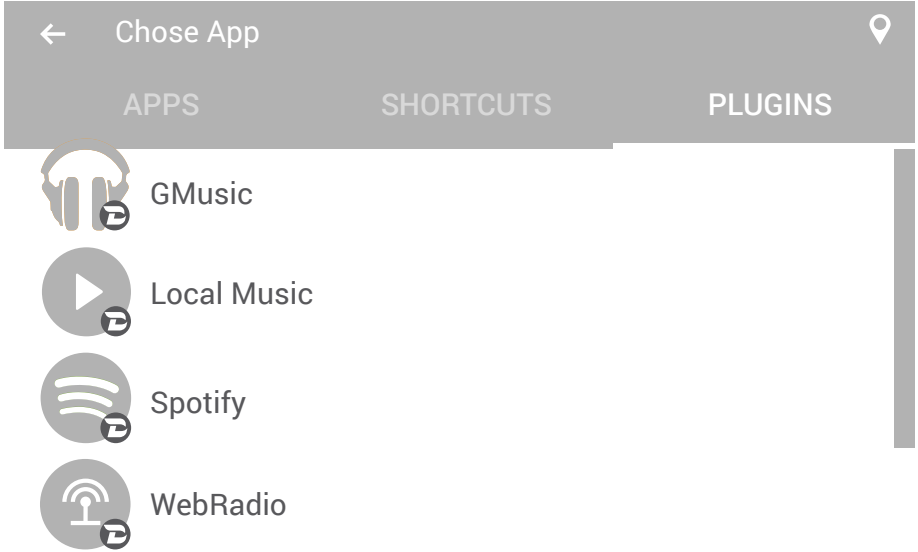
NOTE: Bluetooth Connection will allow for A2DP music streaming only

CHAPTER 3 — 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 on the Home screen, select EMPTY “+” where you would like to place the icon.

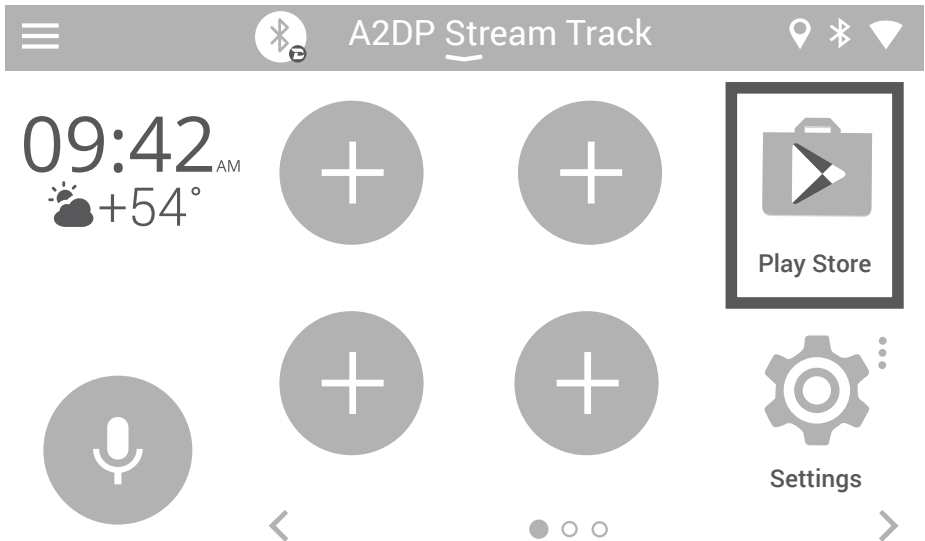
Then scroll to Plugins and selected desired plugin to add



A2DP Stream



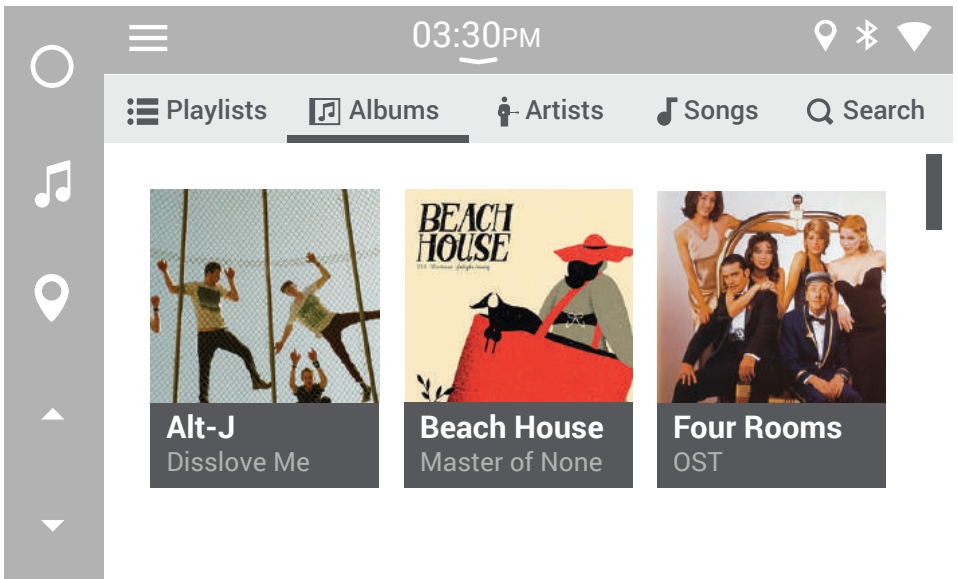
- Bluetooth Music streaming from a Bluetooth enabled device
- Grey icon means there is no Bluetooth connection from Phone to VLine
- Blue icon means Bluetooth device is connected and ready to stream audio. (Please refer to Bluetooth setup portion of manual)
- Song/artist info will display on screen
-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



Google Music



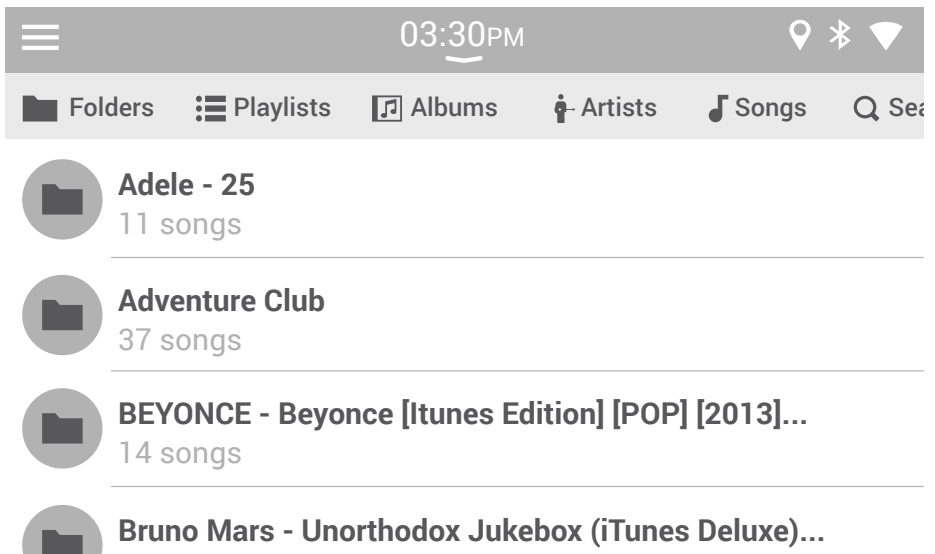
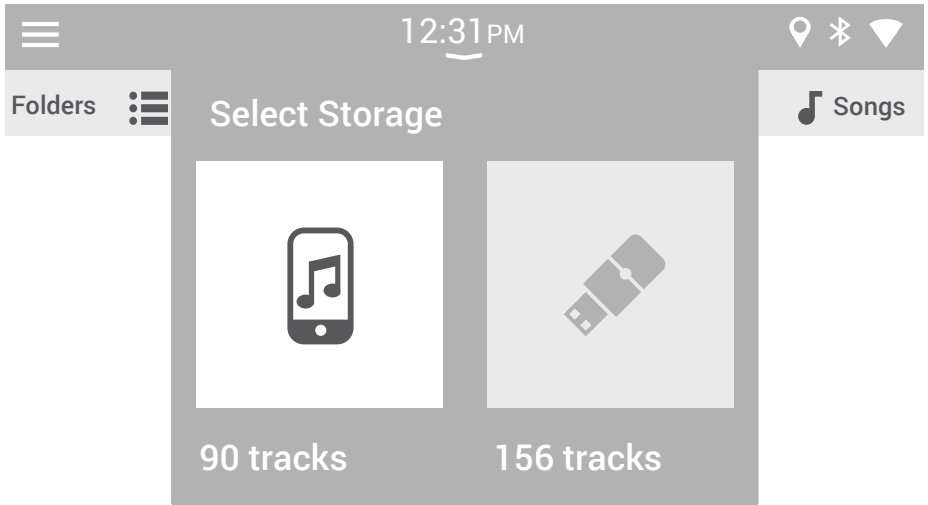
- Allows access to your Google Play music Purchased/ uploaded*
- Will require Gapps to be installed on VLINE (Please refer to Gapps Installation of manual)
- To use Gapps you must have a Google account and be signed into the account
- *Only Purchased music library and Uploaded media will work, unlimited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



Local Music



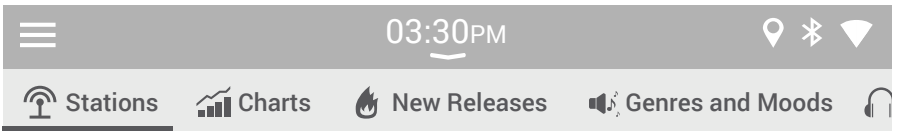
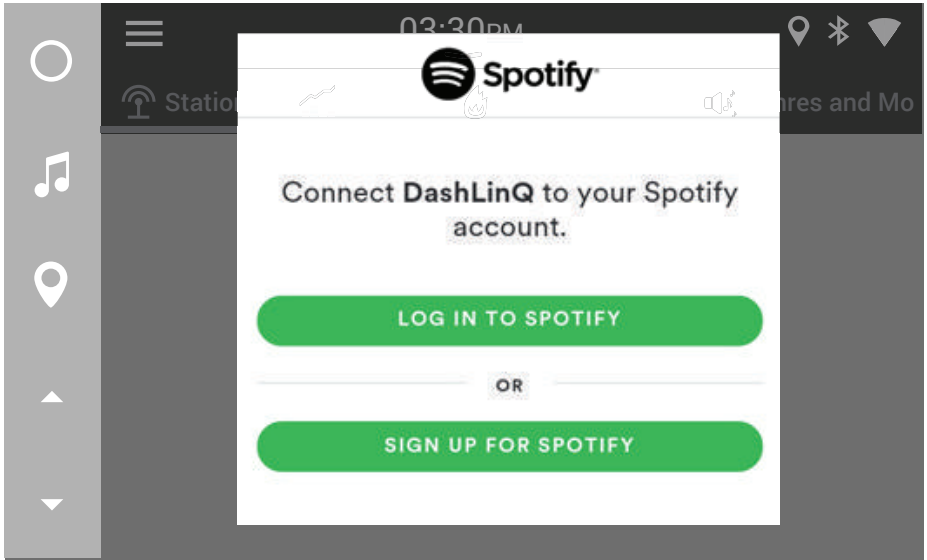
- Play music/audio stored on VLINE, USB drive or microSD card
- Plugin will read the music on selected storage and automatically organize music library by categories (Folder, Playlist, Album, Artist and Songs)
- Create Playlists from within the Plugin.



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)



Blues



Christian music



Classical

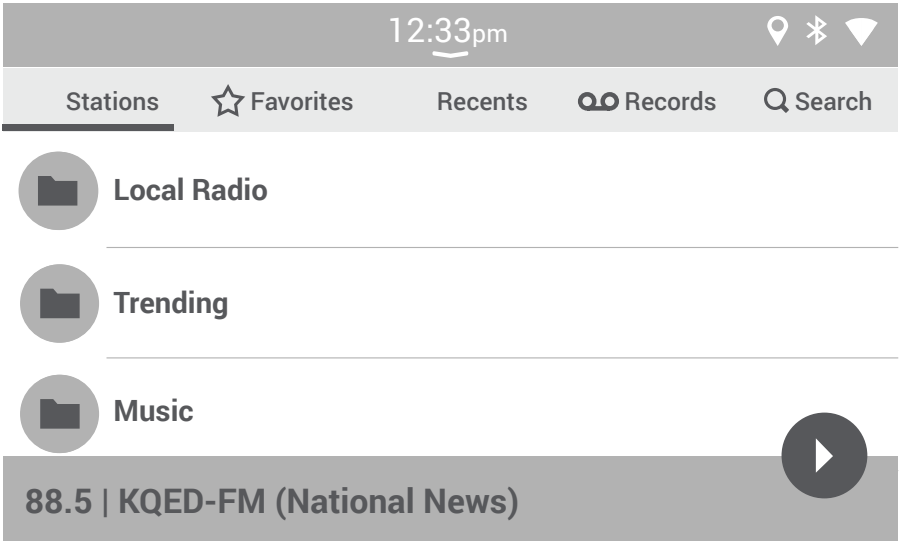


Comedy

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.

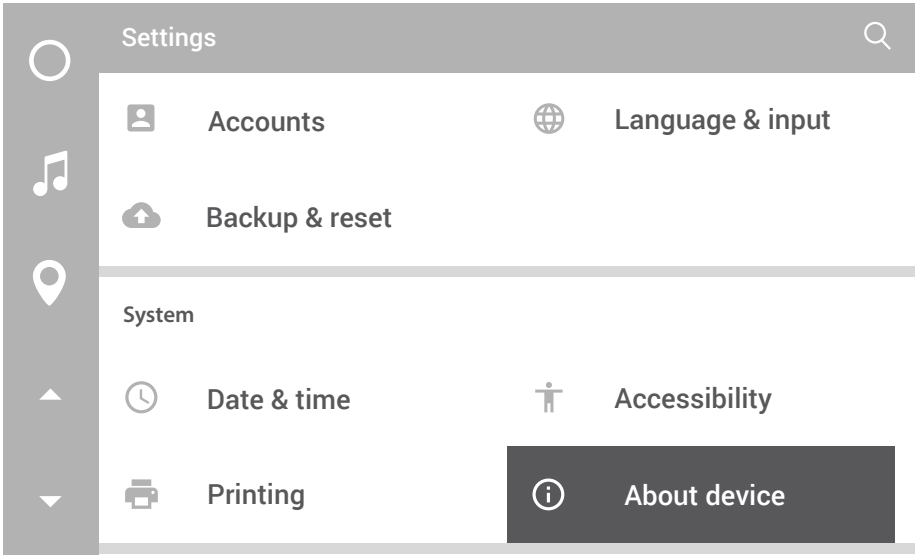


CHAPTER 4 — VLINE OTA UPDATE

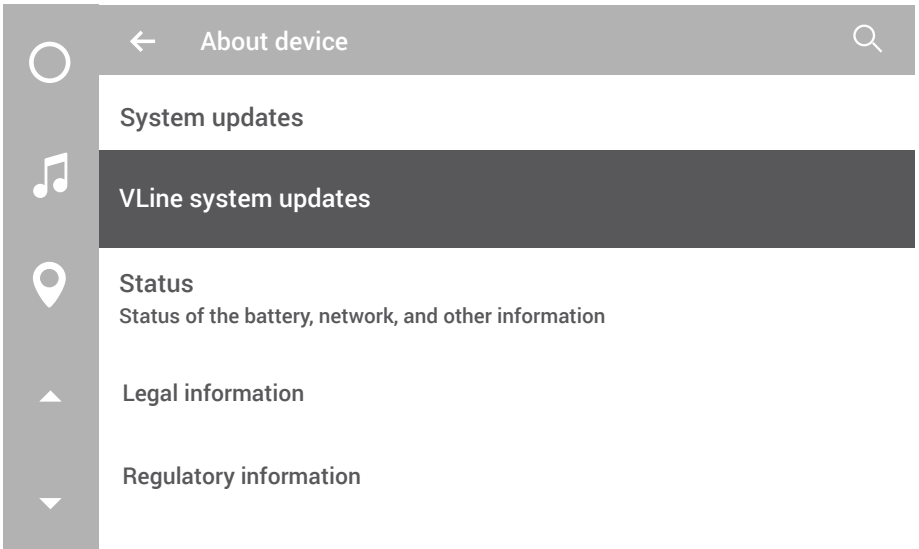
Periodically there will be Updates available for the VLINE to enhance features or to fix minor bugs.

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

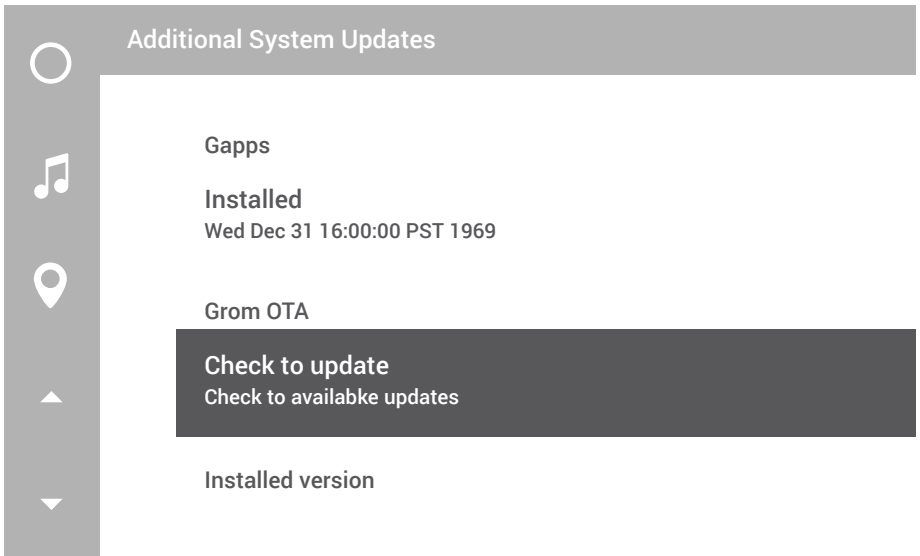
To install OTA updates go to “Settings->About Device”



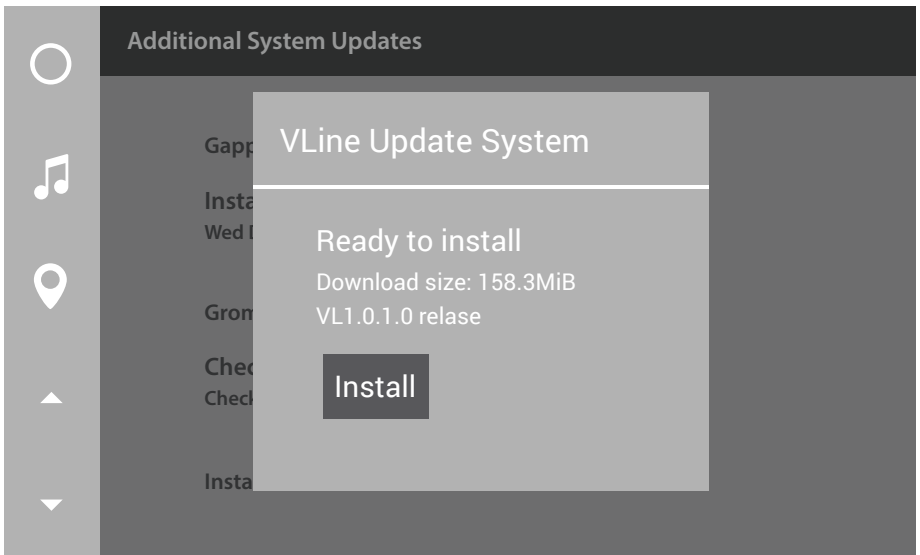
Select “VLINE System Updates”



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 — ADVANCED SETUP (OPTIONAL)

5.1 Installing Google Apps

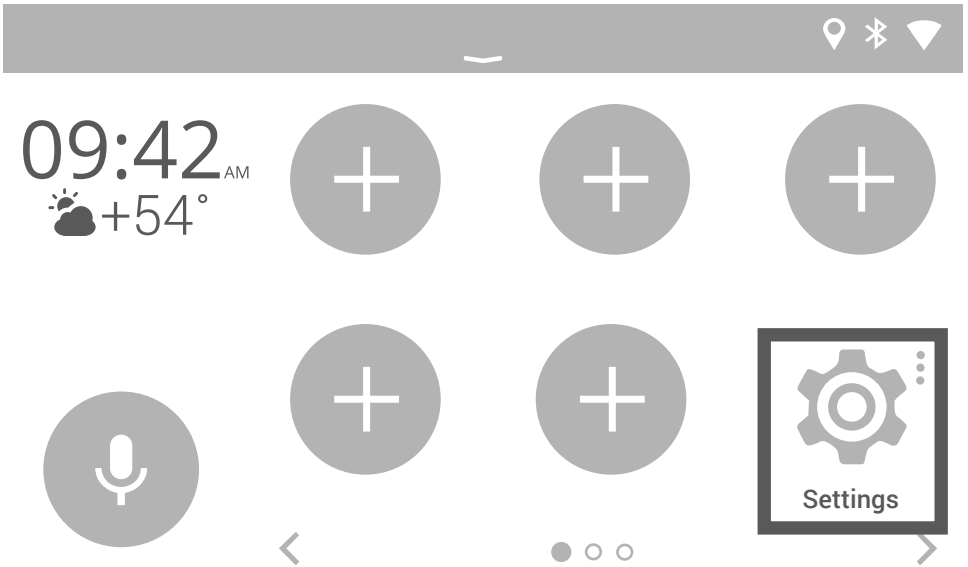
Installing Google Apps will provide you with Google Play Services on the VLINE as well as add an option for Google Play Store App to download any application available. This is strictly optional to install but with it installed it will open up more functional for the VLINE module.

Please note with the Google Apps installed boot up time of VLINE will be longer due to additional Google play services and application that need to be loaded.

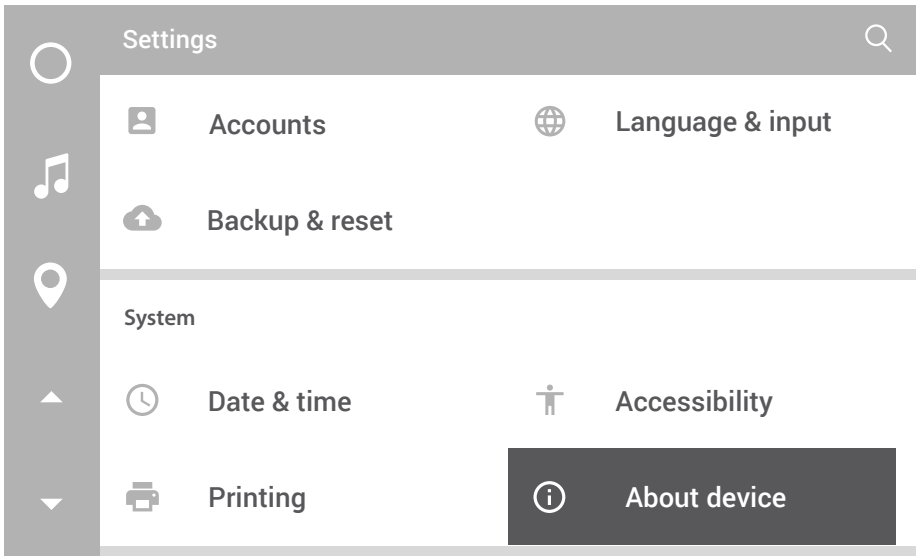
Typical Boot up time without Gapps installed is 15-30 seconds. With Google Apps installed it can take up to 1 minute or more too boot into VLINE Launcher screen.

To install the Gapps Package:

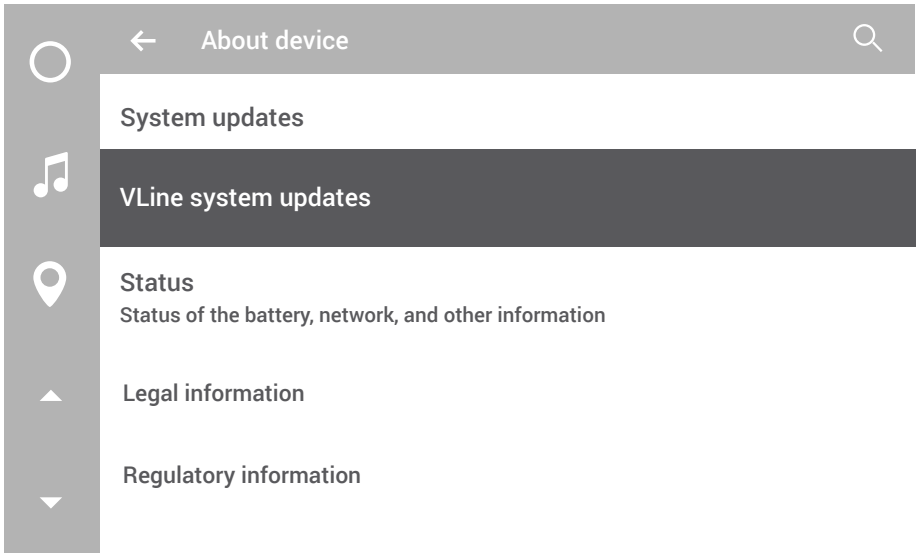
Go into Settings



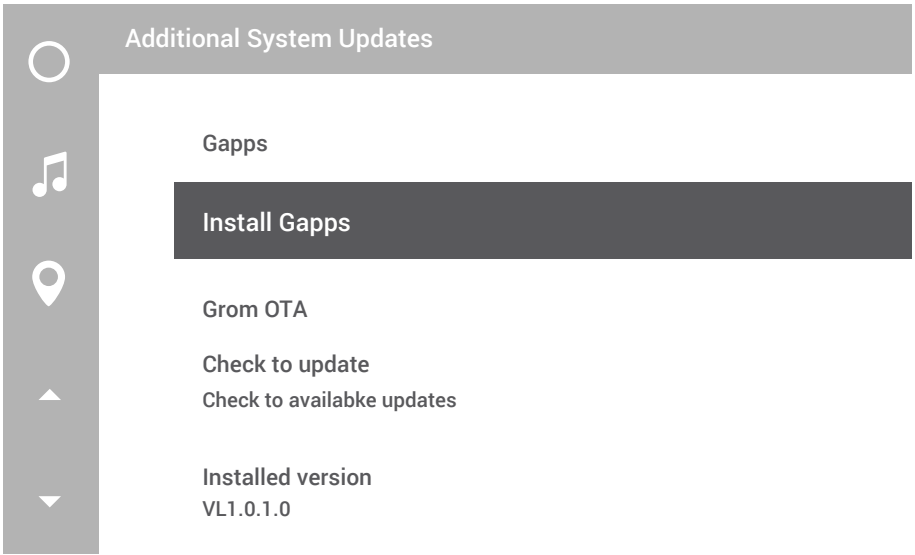
Scroll down all the way to the bottom and select “About Device”



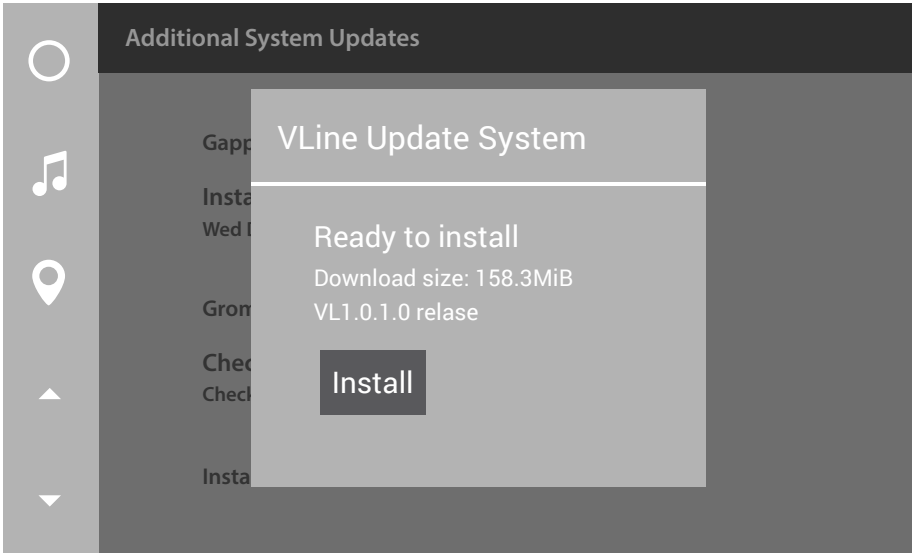
Then select “VLINE System Updates



Select "Install GApps"



Press the "Install" button to apply update.

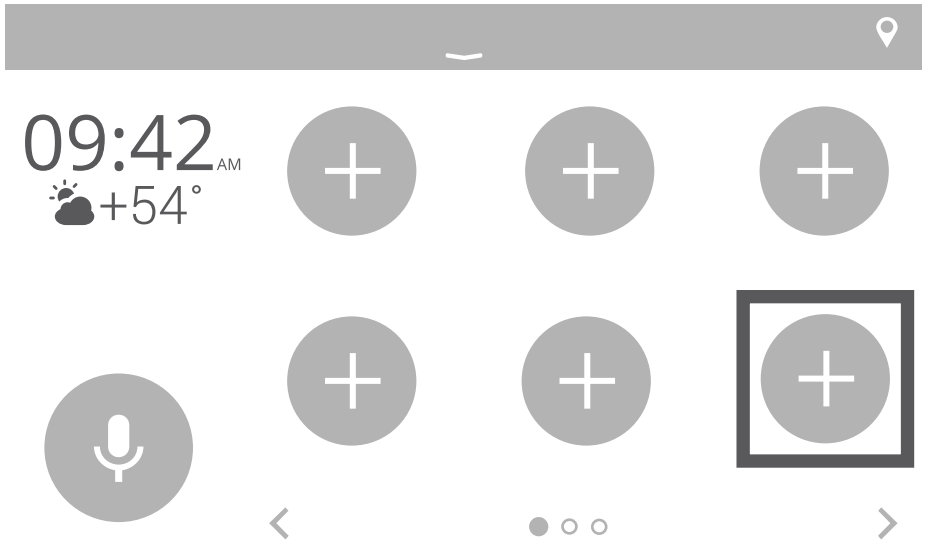


Wait for update to download and apply. The VLINE will restart during the process (this may take up to 10 minutes)

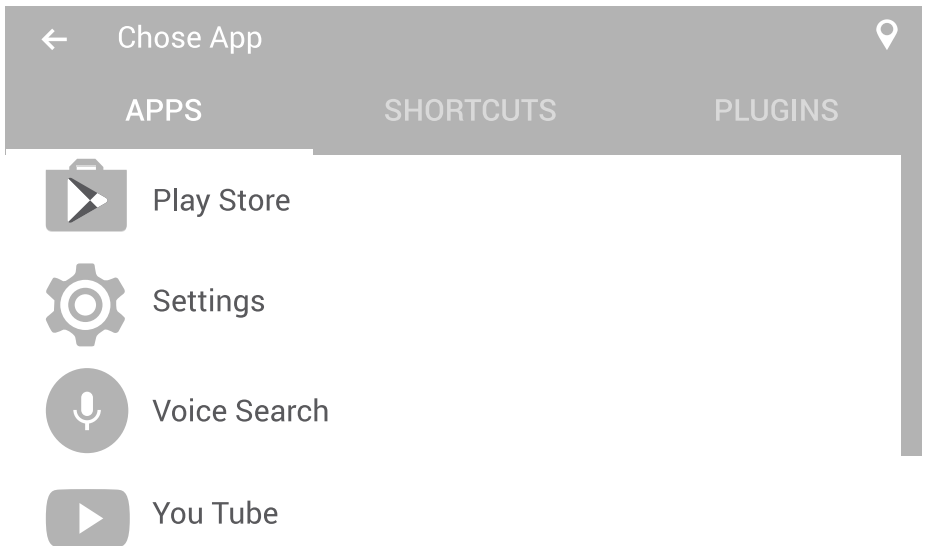
If System does not boot up within 15 minutes, Please turn off Ignition and wait 1 minute and then turn Ignition on again.

Adding Apps to Home Launcher

Select Empty Spot You Wish to Add Icon to

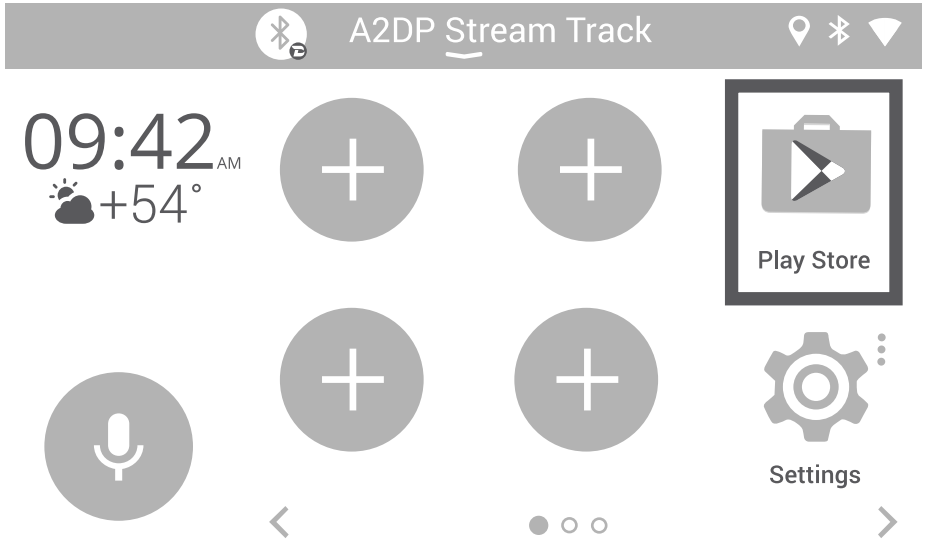


Select the Application/Shortcuts/Plugins you wish to add, in this case the "Play Store" Application.

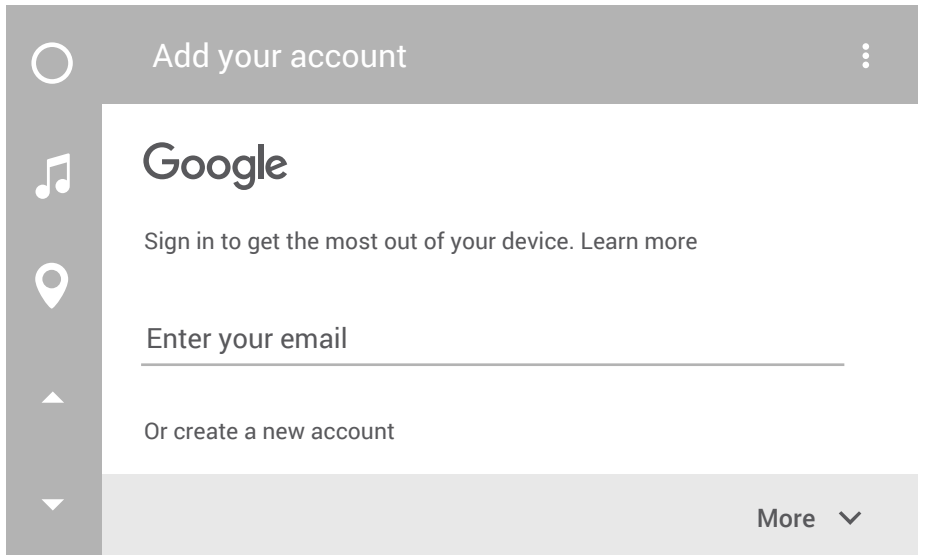


Signing onto Google Account

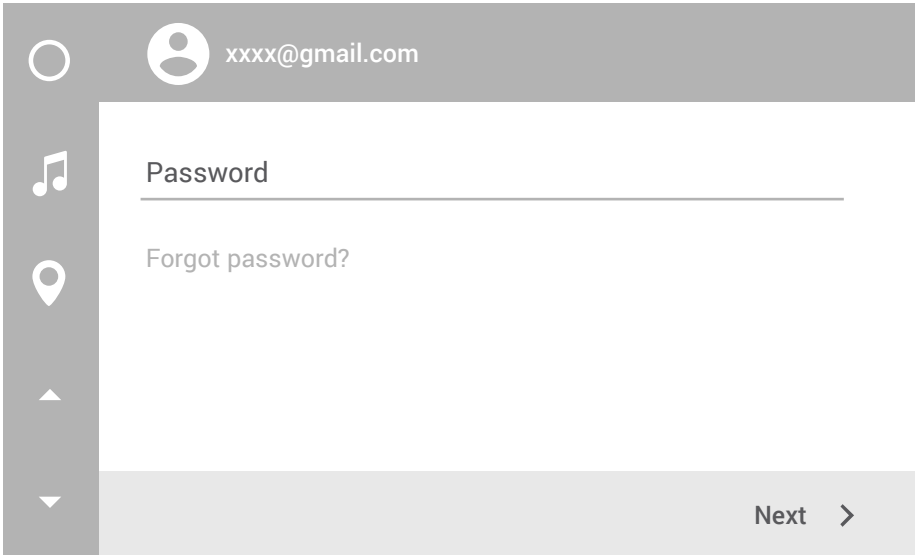
Select the Play Store Icon



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

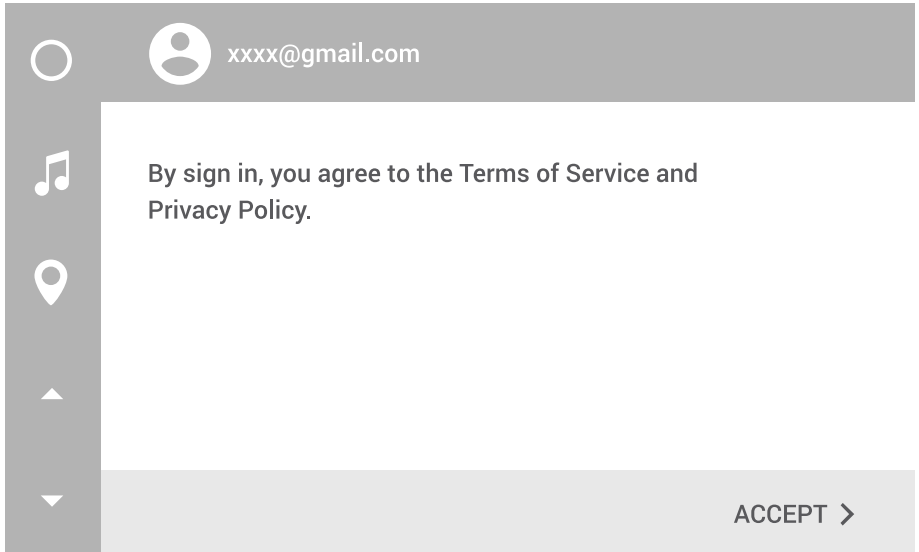


Enter in password for Gmail account



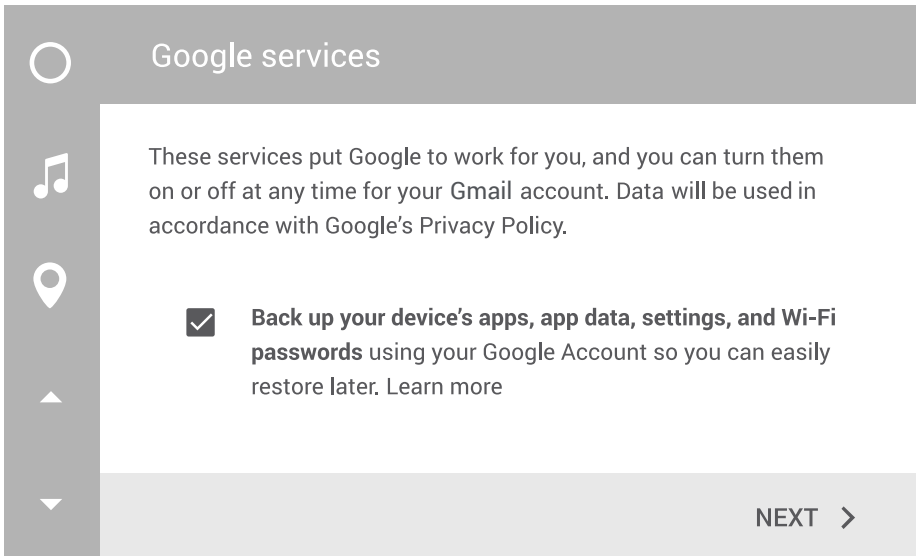
A screenshot of the Gmail login interface. At the top, there is a header bar with a circular profile icon on the left and the email address "xxxx@gmail.com" on the right. Below the header, a vertical sidebar on the left contains four icons: a music note, a location pin, an upward-pointing triangle, and 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 bar with the text "Next" and a right-pointing chevron icon.

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

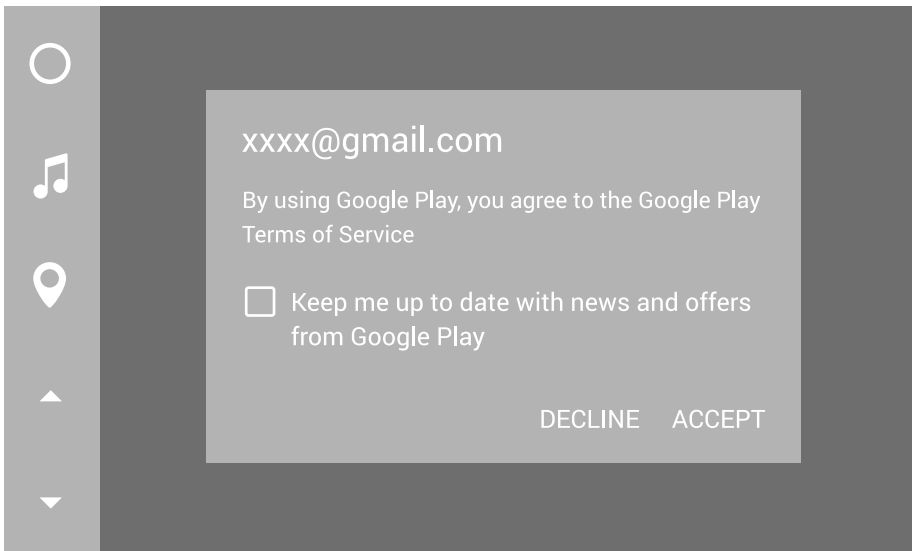


A screenshot of the Gmail login interface showing a terms of service prompt. The header bar at the top is identical to the previous screenshot, showing the profile icon and "xxxx@gmail.com". The sidebar on the left also contains the same four icons. The main content area is white and displays the text "By sign in, you agree to the Terms of Service and Privacy Policy." in bold. At the bottom right, a grey bar contains the text "ACCEPT" and a right-pointing chevron icon.

Select next on Google Services Prompt

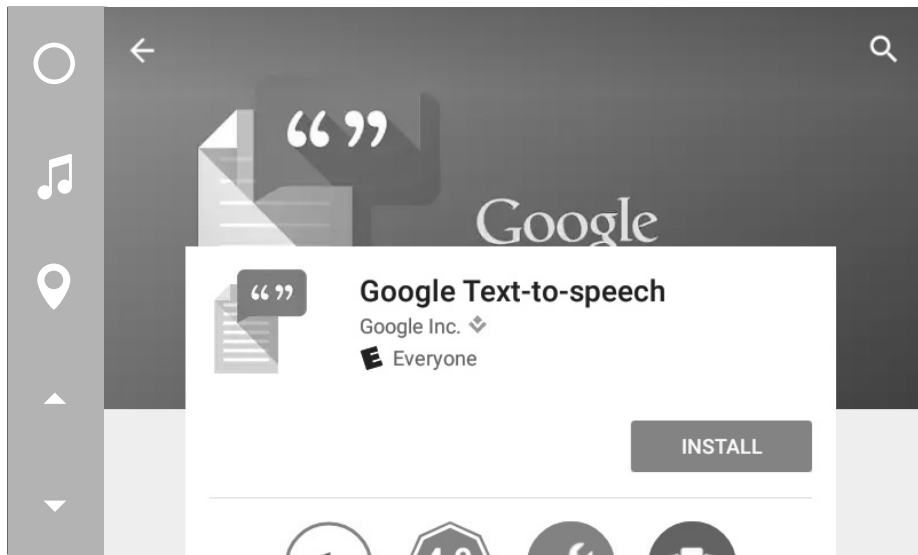


Confirm Google Play store agreement



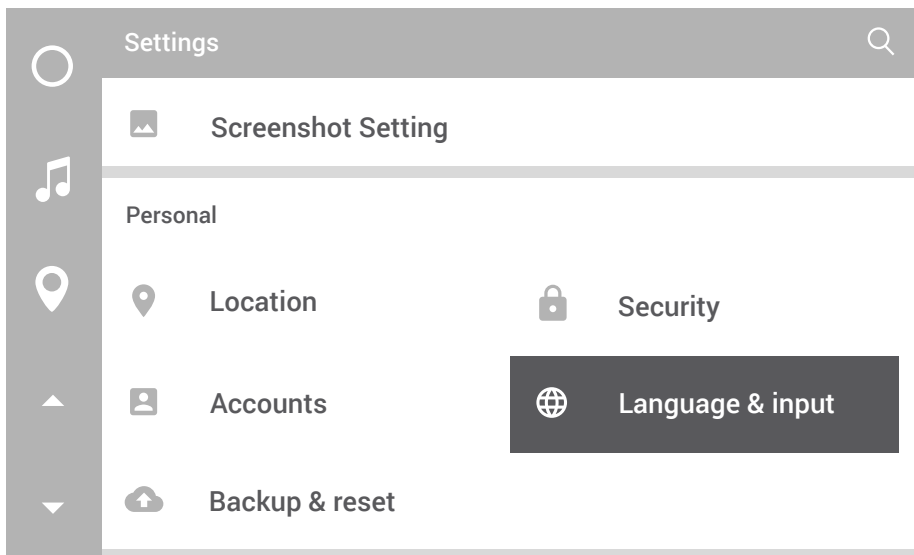
Changing Text-to-Speech Output

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.

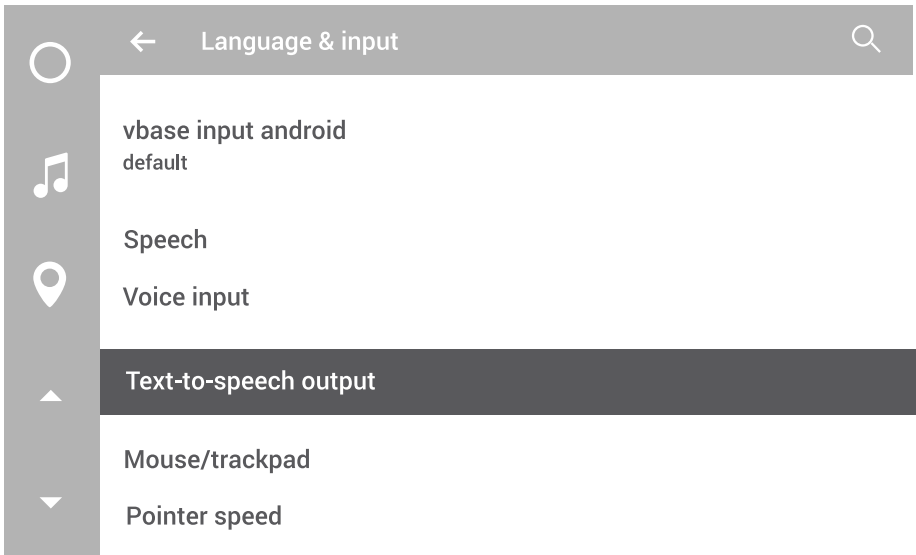


After installing “Google Text-To-Speech” from the Google Play store a change to in VLINE settings under “Language & Input/Text-to-Speed Output” will be necessary.

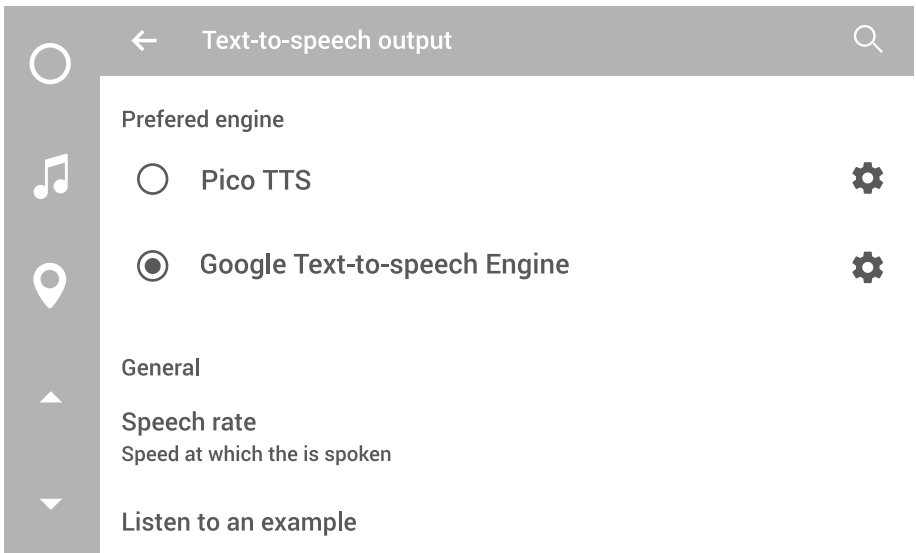
In settings, “Select Language & Input”



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.

SUPPORT

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

Please check our FAQ at www.gromaudio.com/support/faq.html, videos and installs at www.gromaudio.com/installs/index.html.

WARRANTY

Eighteen (18) Month Limited Warranty

This warranty covers any supplied or manufactured parts of the product that, upon inspection by GROM Audio authorized personnel, is found to have failed in normal use due to defects in the material or workmanship. This warranty does not apply to the installation expenses. Attempting to service or modify this unit, operating this unit under conditions other than the recommended will render this warranty void.

Unless otherwise prescribed by law, GROM Audio shall not be liable for any personal injury, property damage and or any incidental or consequential damages of any kind (including water damage) resulting from malfunctions, defects, misuse, improper installation or alteration of this product.

All parts of this product are guaranteed for a period of 18 month as follows:

Within the first 18 months from the date of purchase, subject to the conditions above, GROM Audio will repair or replace the product at their discretion, if it is defective in the material or workmanship.

All customers should contact GROM Audio support team at <http://gromaudio.com/support.html> and obtain an RMA number and Return Instructions. All defective product returned to GROM Audio within warranty period must be accompanied by the original invoice (or copy). All shipping handling charges are non-refundable. Warranty does not cover normal tear and wear, damages due to negligence, improper installation, and operation.

WITHOUT RMA NUMBER THE RETURNS ARE NOT ACCEPTED!

LEGAL AGREEMENT and SAFETY DISCLAIMER

GROM AUDIO VLINE Infotainment Upgrade System (hereinafter referred to as 'GROM PRODUCT') and its related software. THIS IS A LEGAL AGREEMENT

BETWEEN YOU, AS “THE END USER”, AND GROM Audio (“GROM”). PLEASE CAREFULLY READ THE TERMS AND CONDITIONS OF THIS AGREEMENT BEFORE USING THE GROM PRODUCTS. BY USING THE GROM PRODUCT AND THE SOFTWARE INSTALLED ON THE GROM PRODUCT, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF AGREEMENT. SINCE GROM DOES NOT INSTALL THIS EQUIPMENT, GROM DISCLAIMS ANY LIABILITY FOR IMPROPER INSTALLATION OF THE GROM PRODUCT. FURTHER, THE END USER ACKNOWLEDGES THAT THE PRODUCT AND ITS SOFTWARE ARE NOT INHERENTLY DANGEROUS AND DO NOT PROVIDE ANY INHERENT RISKS AND THEREFORE POTENTIAL DAMAGES TO THE END-USER, OTHER THAN ‘Fitness for its Purpose’. As manufacturers continuously develop and modify stereo receiver models, they may cause you to experience some technical difficulties. If the product does not operate properly, please contact technical department promptly at www.gromaudio.com/support.html

GRANT OF LICENSE

GROM grants to you a non-transferable, non-exclusive license to use the GROM PRODUCT and its software installed on the GROM PRODUCT (the “SOFTWARE”) and the related documentation solely for your own personal use or for internal use by your business, only on such GROM PRODUCTS. You shall not copy, reverse engineer, translate, port, modify or make derivative works of the Software contained in the PRODUCT. You shall not loan, rent, disclose, publish, sell, assign, lease, sublicense, market or otherwise transfer the Software in the PRODUCT or use it in any manner not expressly authorized by this agreement. You shall not derive or attempt to derive the source code or structure of all or any portion of the Software in the PRODUCT by reverse engineering, disassembly, recompilation, or any other means. You shall not use the Software in the PRODUCT to operate a service bureau or for any other use involving the processing of data for other persons or entities. GROM and its licensor(s) shall retain all copyright, trade secret, patent and other proprietary ownership rights to the Software in the PRODUCT. You may transfer all of your license rights in the Software or the PRODUCT, the related documentation and a copy of this License Agreement And Warranty to another party, provided that the party reads and agrees to accept the terms and conditions of this License Agreement And Warranty.

OPERATIONAL WARNING AND SAFETY INSTRUCTIONS

(A) EXCEPT AS OTHERWISE CONTAINED HEREIN, the PRODUCTS and related documentation are provided to you, "AS IS". IN NO EVENT SHALL GROM BE LIABLE FOR ANY DAMAGES, CLAIM OR LOSS INCURRED BY YOU (INCLUDING WITHOUT LIMITATION, COMPENSATORY, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES, LOST PROFITS, LOST SALES OR BUSINESS EXPENDITURES, INVESTMENTS, OR COMMITMENTS IN CONNECTION WITH ANY BUSINESS, LOSS OF ANY GOODWILL, OR DAMAGES. THE TERM 'INCIDENTAL DAMAGES' REFERS TO THE EXPENSES OF TRANSPORTING THE PRODUCTS TO THE GROM AUDIO SERVICE CENTER, LOSS OF THE END-USERS [ORIGINAL PURCHASER'S] TIME, LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHER COSTS RELATED TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM 'CONSEQUENTIAL DAMAGES' REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY, WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY, RESULTING FROM THE USE OR INABILITY TO USE THE PRODUCTS, INCLUDING ANY DAMAGES INCURRED DUE TO THE NEGLIGENT OPERATION OF A MOTOR VEHICLE, IN CONJUNCTION WITH THE USE OF SAID PRODUCTS. THE END USER ACKNOWLEDGES ITS RESPONSIBILITY FOR THE USE OF THE PRODUCT. THE ADDITION OF GROM PRODUCTS AND ANY AFTER-MARKET EQUIPMENT MAY ENHANCE THE VALUE OF A VEHICLE OR CAUSE A THIRD-PARTY TO ILLEGALLY ATTEMPT TO REMOVE THE PRODUCTS AND AFTER-MARKET EQUIPMENT. GROM DISCLAIMS ANY LIABILITY RELATED TO SUCH THEFT AND POTENTIAL DAMAGE TO PROPERTY. IT IS THE END-USERS RESPONSIBILITY TO PROTECT ITS OWN PROPERTY. THE END-USER FURTHER ACKNOWLEDGES THAT THE OPERATION OF A MOTOR VEHICLE IS AN INHERENTLY DANGEROUS ACTIVITY, AND BY ITS USE OF GROM'S PRODUCTS, ACKNOWLEDGES THAT THE PRODUCTS ARE REMOTELY RELATED TO SAID MOTOR VEHICLE OPERATION, AND THUS ANY DAMAGES CAUSED TO THE DRIVER OF THE VEHICLE, THE VEHICLE ITSELF OR ANY THIRD-PARTY AND ITS PROPERTY IS NOT THE RESPONSIBILITY OF GROM, ITS AGENTS OR ITS PRINCIPALS AND IS THE SOLE RESPONSIBILITY OF THE DRIVER OF SAID VEHICLE.

YOU, THE END-USER, OR ANY OTHER DRIVER OF THE VEHICLE, IS SOLELY RESPONSIBLE FOR THE SAFE OPERATION OF THE VEHICLE AND THE SAFETY OF BOTH YOU AND THE PASSENGERS. FOR SAFETY PURPOSES, THE PRODUCT SHOULD NOT BE USED FOR THE DRIVER'S ENTERTAINMENT, WHILE THE VEHICLE IS BEING DRIVEN. SUCH USE COULD BE A DISTRACTION TO THE DRIVER, WHICH COULD CAUSE AN ACCIDENT LEADING TO SERIOUS

INJURY OR DEATH. IF YOU, THE END-USER ALLOW ANOTHER PERSON TO USE THE VEHICLE, IT IS YOUR RESPONSIBILITY TO THOROUGHLY BRIEF THAT OTHER USER, ON THE SAFETY REQUIREMENTS FOR OPERATING THE VEHICLE AND THE PRODUCTS INSTALLED THEREIN.

(B) SAID DISCLAIMERS SHALL APPLY TO THE USE OF SAID PRODUCTS, EVEN IF GROM HAS BEEN INFORMED OF, KNEW OF, OR SHOULD HAVE KNOWN OF THE LIKELIHOOD OF SUCH DAMAGES. THIS LIMITATION APPLIES TO ALL CAUSES OF ACTION IN THE AGGREGATE, INCLUDING WITHOUT LIMITATION: BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY, MISREPRESENTATION AND OTHER TORTS. IF GROM'S WARRANTY DISCLAIMER OR LIMITATION OF LIABILITY SET FORTH IN THIS AGREEMENT SHALL, OR FOR ANY REASON WHATSOEVER, BE HELD UNENFORCEABLE OR INAPPLICABLE, YOU AND ANY OTHER END USER AGREE THAT GROM'S LIABILITY SHALL NOT EXCEED (70%) OF THE PRICE PAID FOR THE ENCLOSED GROM PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This Warranty Disclaimer and Limitation of Liability shall not be applicable to the extent that any federal, state, or local law, which cannot be preempted, prohibits any provision of this Warranty.

Any use of the PRODUCTS where it is illegal to do so, may be used against you as evidence of negligence in the event of an auto accident or other traffic infraction.

By purchasing or otherwise obtaining GROM Product you agree:

- to operate GROM Products only when there are safe driving conditions;
- to follow any applicable state and traffic laws;
- to keep an eye on the road at all time while driving;
- do not attempt to play video (such as YouTube) on a display while the vehicle is in motion;
- do not use GROM Product without running the engine for the extended period of time as it can drain the battery.

You further agree to use the GROM Product in:

- a manner consistent with all applicable laws and regulations and this Agreement;

- a reasonable, safe and appropriate manner considering all the circumstances associated with that use.

You agree not to use the GROM Product:

- for any illegal, non-personal or unauthorized purpose,
- in a manner that could damage or cause risk to GROM Audio business, reputation, employees, customers, facilities, or to any third party,
- in a manner that would distract the driver or that may otherwise cause injury or death to vehicle occupants or bystanders.

GROM Audio is not in any way responsible for any such use by you. In all cases, GROM Audio may limit or revoke your use for any reason and at any time. Use of some GROM Product features while a vehicle is in motion may be against the laws of the jurisdiction in which you use the GROM Product. Use of some GROM Product features by the driver or by the vehicle occupants while a vehicle is in motion may also be distracting to the driver and could cause serious injury or death to vehicle occupants or bystanders. IT IS ILLEGAL IN MOST STATES OF THE UNITED STATES AND MAY BE ILLEGAL IN OTHER JURISDICTIONS FOR ANY TELEVISION OR OTHER VIDEO DISPLAY, STREAM, TRANSMISSION OR BROADCAST TO BE VISIBLE TO THE DRIVER WHILE THE VEHICLE IS IN MOTION. YOU AGREE NOT TO USE ANY VISUAL COMPONENT OF GROM Product WHILE IN CONTROL OF A MOVING VEHICLE WHERE DOING SO WOULD BE ILLEGAL OR DANGEROUS TO VEHICLE OCCUPANTS OR BYSTANDERS. DOING OTHERWISE CAN LEAD TO SERIOUS INJURY OR DEATH TO YOU AND OTHERS. PLEASE FIND A SAFE PLACE TO PARK AND ENGAGE THE PARKING BRAKE BEFORE VIEWING ANY VIDEO DISPLAYS, STREAMS, TRANSMISSION, OR BROADCAST AVAILABLE THROUGH GROM Product.

THIRD PARTY MATERIALS

Through GROM Product, you can access third party websites, databases, networks, servers, information, software, programs, systems, directories, applications, products or services (collectively, "Third Party Materials"). GROM AUDIO is not responsible for any Third Party Materials available through the Services. You acknowledge and agree that GROM AUDIO does not have or maintain any control over Third Party Materials and is not responsible for examining or evaluating the content, accuracy, completeness, timeliness, validity, copyright compliance, legality, decency, quality or any other aspect of

such Third Party Materials.

Third Party Materials may have their own terms of use and/or privacy policy, and may have different practices and requirements to those operated by GROM AUDIO with respect to GROM Product. You are responsible for reviewing any terms of use, privacy policy or other terms governing your use of these Third Party Materials, which you use at your own exclusive responsibility and risk. By using the Third Party Materials, you agree to comply with the use terms of the provider of such Third-Party Materials.

GROM AUDIO does not warrant or endorse and does not assume and will not have any liability or responsibility to you or any other person for any Third Party Materials or for any other materials, products, or services of third parties. By using the Third Party Materials, you agree to comply with the use terms of the provider of such Third-Party Materials.

LOCATION, MAPS, NAVIGATION AND TRAFFIC DATA

Location and traffic data provided by GROM Product is for basic navigational purposes only and is not intended to be relied upon in situations where precise location information is needed or where erroneous, inaccurate or incomplete location data may lead to death, personal injury, property or environmental damage. Real world traffic restrictions, advisories and conditions are always more important than guidance given by third party navigation/mapping data providers. Neither GROM Audio nor any of its content providers, guarantees the availability, accuracy, completeness, reliability, or timeliness of traffic information, navigation, or location data provided by the GROM Product. Always exercise the caution and common sense when using and relying on the navigation, location, maps and traffic data with GROM Product.

By using GROM Product you acknowledge that the maps, location, navigation and traffic data maybe inaccurate or outdated. You agree to hold GROM Audio harmless from any claims caused by inaccurate maps, location, navigation and traffic data. You further agree to use maps, location, navigation and traffic applications when it is safe to the driver, vehicle occupants and bypassers. GROM Audio is not responsible for any mobile data charges resulted from using GROM Product.

OTHER PROVISIONS

A. INDEMNIFICATION OF GROM AUDIO, ITS AGENTS AND EMPLOYEES. By Purchasing, Installing and Using the Products, You, the End- User, agree to indemnify, defend and hold harmless, GROM AUDIO, and its Affiliates, Directors, Officers, Agents and Employees from any Liabilities, Damage, Loss, Claim and Expense (including reasonable Attorney's Fees) arising out of the installation and use of the GROM Product.

B. EXCLUSION OF REMEDIES. TO THE MAXIMUM EXTENT PERMITTED UNDER APPLICABLE LAW, IN NO EVENT WILL GROM AUDIO OR ITS EMPLOYEES, DIRECTORS, OFFICERS AND OTHER REPRESENTATIVES BE LIABLE TO YOU OR ANYONE ELSE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING OUT OF OR IN ANY WAY RELATING TO THIS AGREEMENT, INCLUDING YOUR USE OF OR INABILITY TO USE THE VLINE OR ANY CLAIM MADE BY A THIRD PARTY (INCLUDING, WITHOUT LIMITATION, LOSS OF REVENUE, PROFITS, DATA OR GOODWILL OR OTHER COMMERCIAL OR ECONOMIC LOSS) REGARDLESS OF THE CAUSE OF ACTION ON WHICH THE CLAIM IS BASED, EVEN IF GROM AUDIO HAS OR YOU HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR CLAIM.

C. GOVERNING LAW. THIS AGREEMENT and all Purchases hereunder shall be governed by, and construed under the laws of the State of California, without regard to conflicts of law rules. You agree that the Courts of California shall have exclusive jurisdiction over the Parties, for all disputes.

D. FORCE MAJEURE. GROM shall not be liable for any delay or failure in performance caused by or resulting from acts of God, fire, flood, storms, earthquakes, tornado, other acts of nature, any accidents, riots, wars, government intervention, embargoes, strikes, labor difficulties, equipment failures, or any other causes beyond the control of GROM AUDIO. Quantities are subject to availability.

E. ENTIRE AGREEMENT. These terms and conditions constitute the entire and exclusive agreement between you, the End-User and GROM AUDIO, concerning the Products, and your purchase hereunder, and supersede all statements or other agreements, whether oral or written, between you and GROM AUDIO. No change in this Agreement shall be effective, unless agreed to in writing by both, you, the end-user and GROM AUDIO.

GROM AUDIO COMPATIBILITY DISCLAIMER

GROM Audio strives to provide you with a high-quality product while

maintaining competitive pricing. We continuously work to test and develop our product, however, in some cases; our interfaces may not be compatible with your application. Due to the wide range of electronics / anomalies found in car stereos, compatibility and/or controls may vary. Should you experience incompatibility issues, you may contact us via our support page. GROM Audio also carries a standard 30 day return policy.

ENGINE/SYSTEM NOISE DISCLAIMER

Engine / system noise may occur in some installations and is not easily predictable. Should noise occur with your system, we will take commercially-reasonable steps to diagnose the source of the noise. Depending on the situation, noise suppressors and filters may need to be installed in order to correct the problem. Due to the nature of electronics, noise may not be correctable in all cases.

IF YOU DO NOT AGREE WITH THESE TERMS AND PURCHASED DIRECTLY FROM GROM AUDIO PLEASE RETURN THE GROM PRODUCTS IN ORIGINAL CONDITION AND IN ORIGINAL PACKAGE WITHIN FIVE (5) BUSINESS DAYS OF RECEIPT OF THE PRODUCTS FOR A FULL REFUND OF THE PURCHASE PRICE OF GROM PRODUCTS (SHIPPING COSTS NON REFUNDABLE).

*iPod®, iPhone®, iPad® are registered trademarks of Apple, Inc. Android® is the registered trademark of Google, Inc. All trademarks or registered trademarks used in this manual are for informational purposes only.

NOTES

