



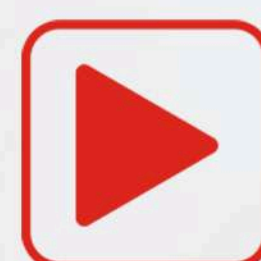
M-SERIES MANUAL

USER'S OPERATION MANUAL



This manual will guide you through the installation process, provide an overview of its features, and offer troubleshooting tips to ensure you get the most out of your new head unit. Please read through this manual carefully to familiarize yourself with all the functionalities and safety instructions.

Please read this manual thoroughly before operating the device, and keep it for future reference.
V1.0





EXPERIENCING PROBLEMS ?

- Item not as described?
- Damaged or Defective?
- Missing Accessories?
- Any other issues whatsoever?



**Get in touch with us, and we'll help
you resolve any problem ASAP!**



hey@vhedia.com.au



www.vhedia.com.au



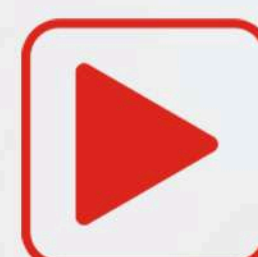
7am – 3pm WST





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INTRODUCTION AND PRODUCT OVERVIEW

Thank you for purchasing the VHEDIA Head Unit. This product is designed to provide an enhanced driving experience, offering seamless connectivity, intuitive controls, and high-quality multimedia features. The VHEDIA Head Unit allows you to upgrade your vehicle's infotainment system with ease, delivering everything from superior navigation to advanced audio and video capabilities.

Some of the major features of your VHEDIA Head Unit include:

- Plug-and-play installation for quick setup
- Android Auto and Apple CarPlay for hands-free control of apps, calls, and music
- High-definition touchscreen display for crystal-clear visuals and easy navigation
- Support for factory reverse cameras and steering wheel controls, ensuring compatibility with your vehicle's existing features
- Customisable apps and widgets, allowing you to tailor your head unit to your preferences
- Seamless integration with rear and front cameras for enhanced driving safety

Your VHEDIA Head Unit offers a powerful combination of modern features and ease of use, making your driving experience both safer and more enjoyable.





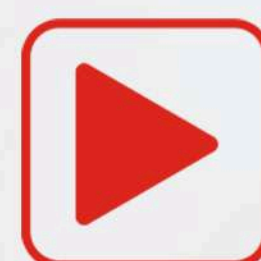
NOTICE FOR USERS

By Purchasing the VHEDIA Head Unit, It is assumed that you agree with the precautions, user warnings, and all the terms & conditions of warranty outlined in this manual. If, for any reason, you do not agree with any of terms mentioned, you may return the product in its original packaging, unused, within the designated return window for a full refund.

By proceeding with your purchase, you acknowledge that you have read and understood the guidelines for proper use and accept responsibility for adhering to them.

Our units are designed for DIY installation. If the customer decides to take to an auto electrician or a repairer then the cost of this will be at the expense of the customer. Vhedia will bear no responsibility for these expenses. In the event of a return for a faulty item, Vhedia will organise and pay for the return shipping costs and provide a replacement unit and help troubleshoot the issue. We will not cover the cost of a third party doing troubleshooting or if they need to rework the placement unit. Our friendly staff is here to help on our live chat or by phone Monday to Friday.

The 3-year warranty policy may be invalidated if you do not comply with the manual and cause product failure. We disclaim any liability for any bodily injury or property damage that might result from any improper or unintended use.





WARNING

- To ensure safety and comply with traffic rules, please do not watch videos or operate the unit while driving.
- Please keep this product away from liquids to avoid electric shock.
- If liquid or a foreign object enters the head unit, park your car in a safe place, turn off the ignition (ACC OFF) immediately, and consult your dealer. Do not use this product in this condition to avoid the risk of fire, electric shock, or other malfunctions.
- Please do not use the car audio for extended periods after turning off the engine, as this will drain the battery.
- Please do not insert objects into the vents or other openings of the head unit (except for a SIM card ejector or paperclip in the RST pinhole, which should only be used when performing a hard reboot).
- Please do not use sharp objects to touch, rub, or tap the screen.
- The head unit is designed for vehicles with a 12V power supply. Please do not install it in vehicles with a 24V power supply, as this may cause product failure.
- Please turn off the car and disconnect the ACC from B+ before installation to avoid a short circuit.





TECHY STUFF³

<ul style="list-style-type: none">• Latest Stable Android Operating System (Head units running on Android is a great way to enhance your car’s entertainment system. It allows you to integrate your smartphone, tablet, or other device into your car’s audio system.	
<ul style="list-style-type: none">• 1280*720 IPS, Full HD, Full Colour and Anti Reflect	
<ul style="list-style-type: none">• MT8667, CA75x2 (2.0GHz) + CA55x6 (1.8GHz)	
<ul style="list-style-type: none">• Mediatek 8GB DDR3 Rom & 128GB Storage (Never lags and more storage!)	
<ul style="list-style-type: none">• Wireless Car Play	
<ul style="list-style-type: none">• Wired & Wireless Android Auto	
<ul style="list-style-type: none">• Bluetooth MT6631	
<ul style="list-style-type: none">• Radio ST 7708	
<ul style="list-style-type: none">• TDA 7850 Amplifier IC 4-Channel	
<ul style="list-style-type: none">• 4 x 50W Speaker Output (4 x 25W RMS)	
<ul style="list-style-type: none">• Amplifier Pre-Outs with Sub	
<ul style="list-style-type: none">• DSP AKM7735	
<ul style="list-style-type: none">• GPS MT6631	
<ul style="list-style-type: none">• 3 x USBs Outputs	
<ul style="list-style-type: none">• DAB+ Available as an optional unit that plugs in	
<ul style="list-style-type: none">• 4G Modern Built In Cover all Australia Bands (Can send text messages and do phone calls directly from the Head unit)	
<ul style="list-style-type: none">• Wifi Support 2.4-5Ghz	
<ul style="list-style-type: none">• Pre Installed Apps to get you started but the Android OS allows you to download apps from the Google Play Store.	
<ul style="list-style-type: none">• Steering Wheel Control Learningg	
<ul style="list-style-type: none">• CAN BUS Settings (if applicable)	
<ul style="list-style-type: none">• Temperature Guidelines• Operating temperature: -20 to 70°C• Storage temperature: -40 to 80°C	<ul style="list-style-type: none">• Power Consumption:• MTK sleep mode: 0.3 mA• MTK close sleep mode: 0 mA

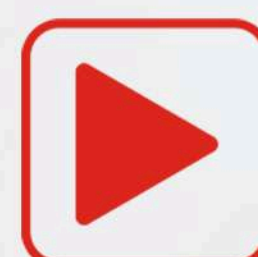




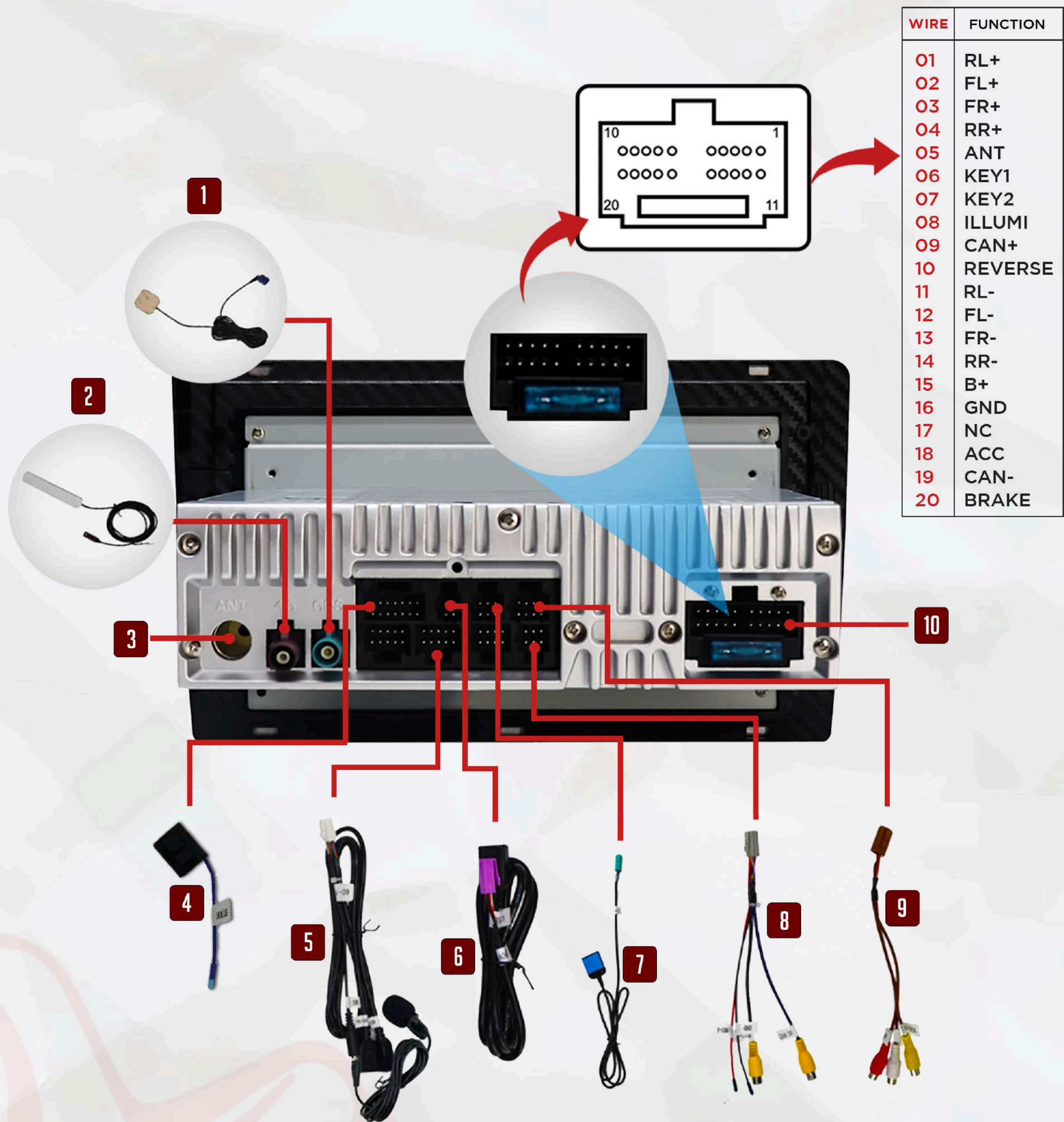
UNIT STRUCTURE APPEARANCE AND PANEL KEYS



- MIC
- RST HOLE
- POWER
- HOME
- BACK/PREVIOUS
- VOLUME UP
- VOLUME DOWN
- IPS DISPLAY



WHICH WIRES GOES WHERE:



1. GPS ANTENNA	6. 3RD USB CABLE
2. 4G ANTENNA	7. SIM CARD HOLDER
3. RADIO ANTENNA	8. REVERSE CAMERA INPUT CABLE
4. BLUETOOTH/WIFI ANTENNA	9. AUXILLARY VIDEO CABLES
5. MICROPHONE & 2 USB PORTS	10. MAIN HARNESS BLACK PLUG



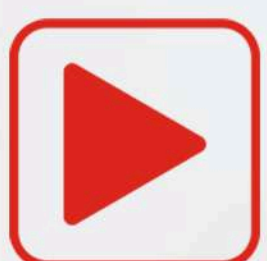
MAIN INTERFACE OPERATION



ICONS	DEFINITION/FUNCTION
(1) Home Icon (Top Left Corner)	Takes you back to the main home screen.
(2) Map Pin Icon (Left Sidebar)	Opens the navigation or mapping application.
(3) Bluetooth Icon (Left Sidebar)	Opens the Bluetooth settings for pairing and managing connected devices.
(4) Settings Gear Icon (Left Sidebar)	Opens the settings menu for adjusting system settings like sound, display, and connectivity.
(5) Car Icon (Bottom Left Sidebar)	Opens the PhoneLink/Auto Link app for utilising Android Auto or Apple Carplay
(6) Grid Icon (Bottom Left Sidebar)	Opens the app drawer or list of installed applications.
(7) Clock Widget (Centre Left)	Displays the current time and date.
(8) Radio Icon (Centre)	Opens the radio application to tune in to FM/AM stations.
(9) Music Control Panel (Bottom Left)	Displays playback controls for music files saved either on an external USB flash drive or locally within the head unit's storage, allowing you to play, pause, and skip tracks.
(10) Speedometer Widget (Centre Right)	Displays the current speed of the vehicle.



(11) Apps	Displays shortcut icons for various applications. You can customise these shortcuts by pressing and holding an icon, allowing you to select and arrange the apps you use most frequently
(12) Brightness/Sun Icon (Moon Icon) (Top Right Corner)	Indicator whether the head unit is in normal mode (sun icon) or dim mode (moon icon)Button to put the screen display to sleep.
(13) Double Rectangle (Top Right Corner)	Displays all currently open apps or menu settings, allowing you to switch between them or close them as needed.
(14) Back Arrow	When tapped, it returns you to the previous screen or menu you were viewing. It acts as a "back" button within the user interface, allowing you to retrace your steps within the system.



BLUETOOTH OPERATION

Functionality and Purpose of Bluetooth

The Bluetooth feature in your VHEDIA head unit allows you to connect your smartphone wirelessly. Once connected, you can make and receive phone calls, play music directly from your phone, and use apps like Android Auto or Apple CarPlay, all through the head unit. This makes your driving experience safer and more convenient, as you can keep your hands on the wheel and your focus on the road.

NOTE

Although our head unit operates on Android OS and includes Bluetooth functionality, not all Bluetooth devices may be compatible when connected to the head unit.

How Bluetooth Works

Bluetooth creates a short-range wireless connection between your phone and the head unit. This connection enables the head unit to access features and data from your phone, such as contacts for making calls, or music files for playing audio.



CARPLAY AND ANDROID AUTO ON VHEDIA HEAD UNITS

The VHEDIA M Series head units support both Wireless Apple CarPlay and Wired/Wireless Android Auto. These features allow you to mirror and control your smartphone apps directly from the head unit, providing seamless access to navigation, music, and communication apps.

The head unit uses the Phone/Auto Link app to connect to Android Auto and CarPlay.

Here's how you can set them up:

Wireless IOS CarPlay or Wireless Android Auto

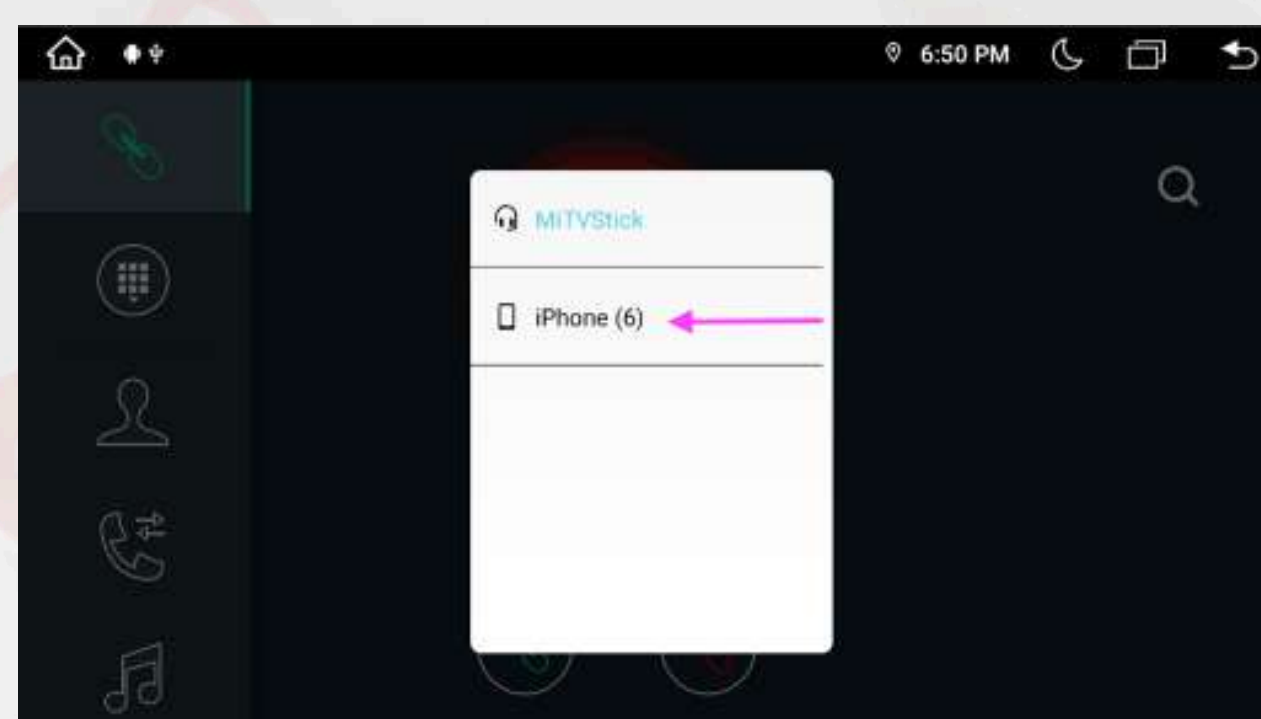
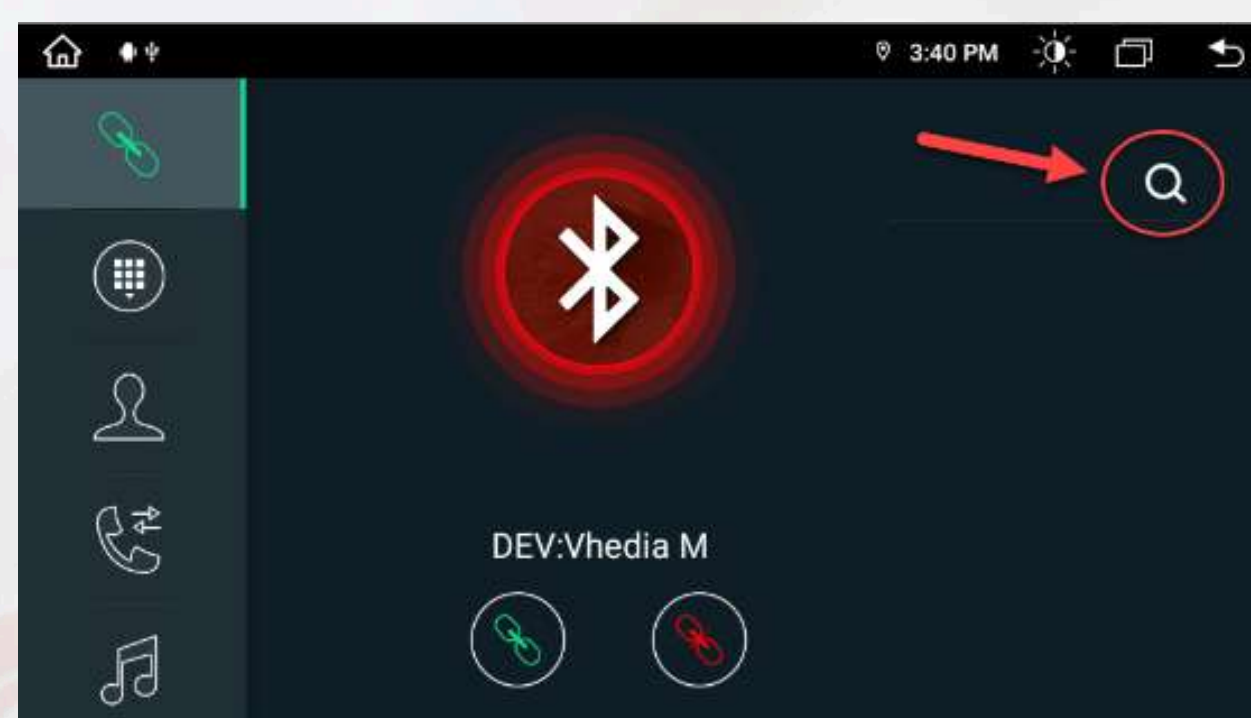
1. Ensure Bluetooth Connection:

A. Activate Bluetooth on Your Phone:

- Ensure that Bluetooth is turned on from your phone's settings.

B. Access Bluetooth on the Head Unit:

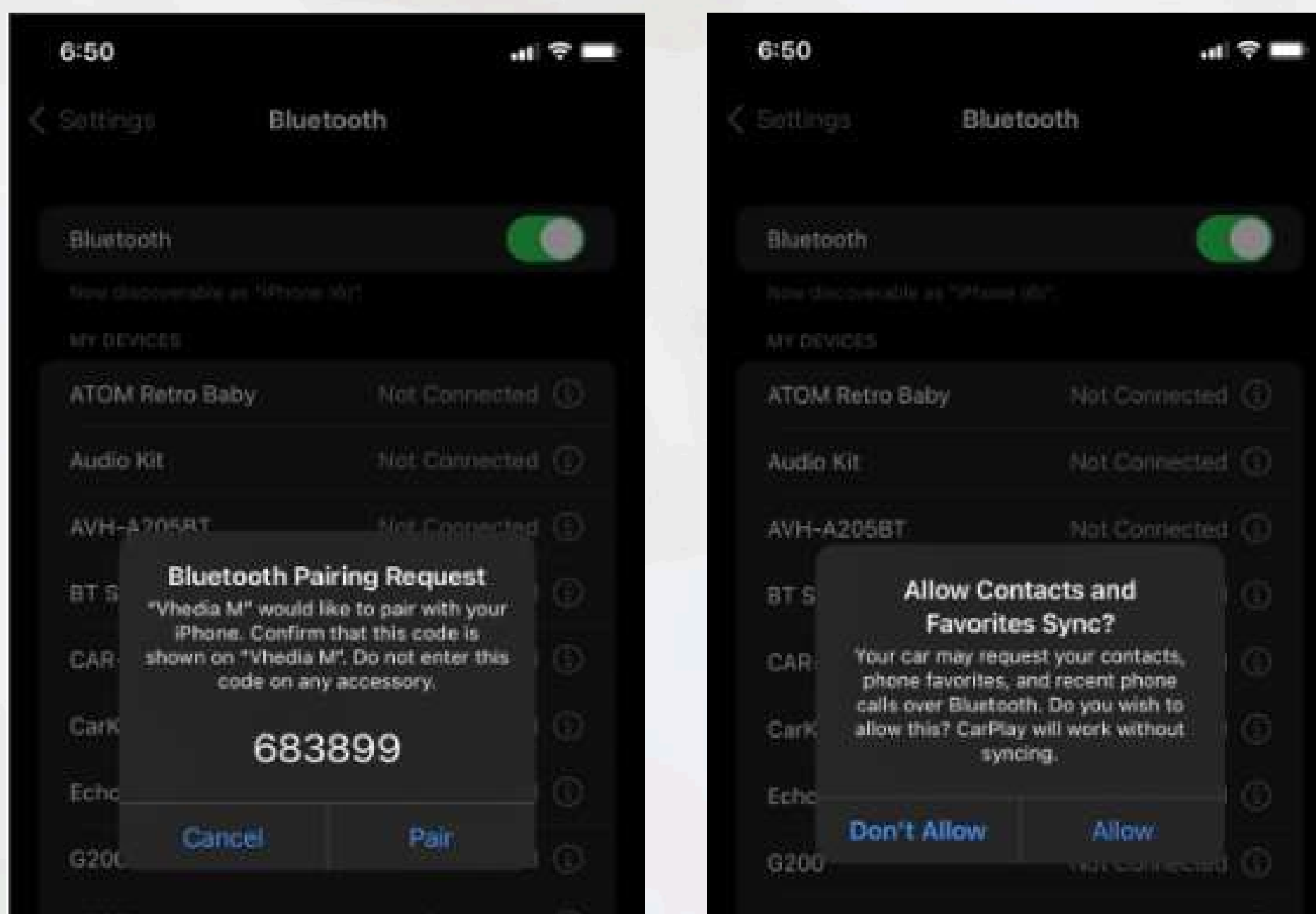
- Open the Bluetooth app on the VHEDIA head unit.
- Tap the search or magnifying glass icon located at the top right corner of the app. The head unit will scan for available devices.



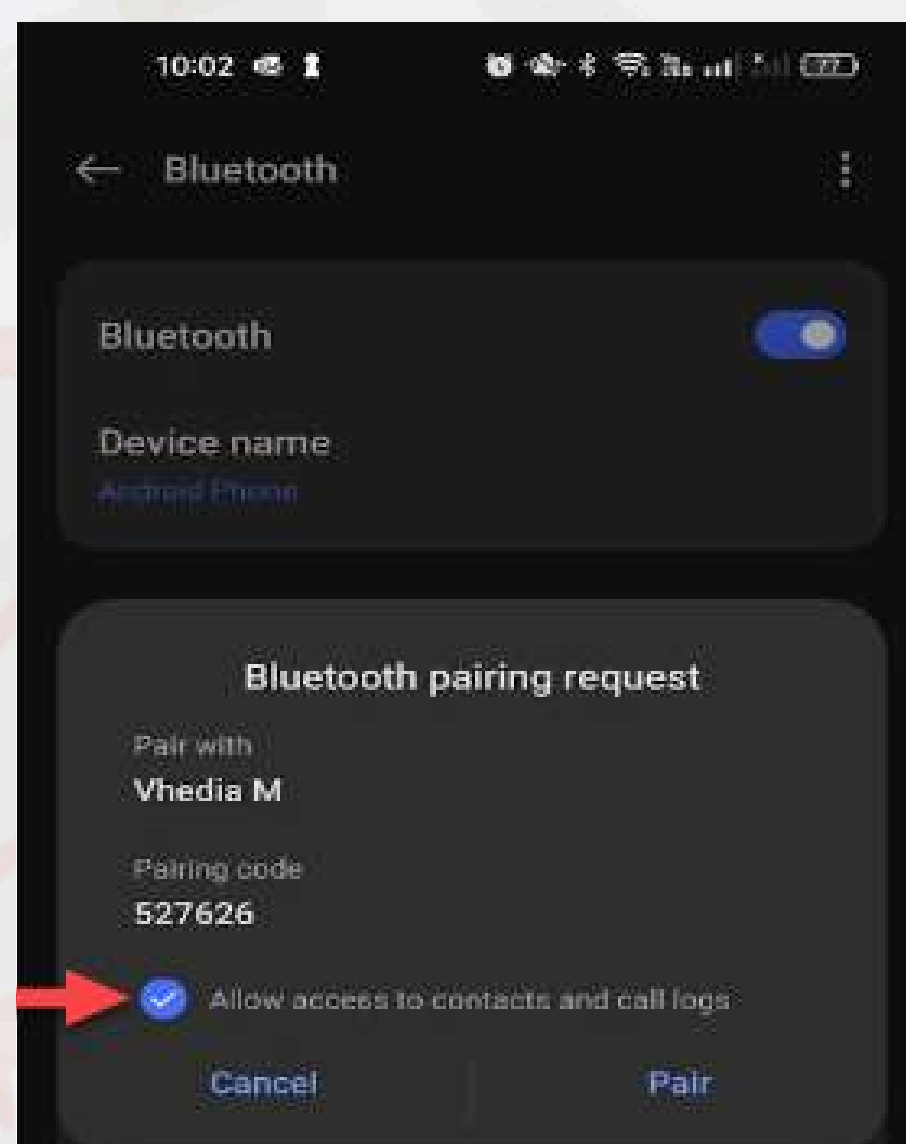
C. Pair the Devices:

- Once your phone appears on the list of available devices, tap on it to initiate pairing.
- You will receive a notification on your phone asking you to pair the device. Tap “Pair” to complete the connection.
- Make sure to allow the head unit to access your contacts if you wish to sync them for easier access while driving.

iOS

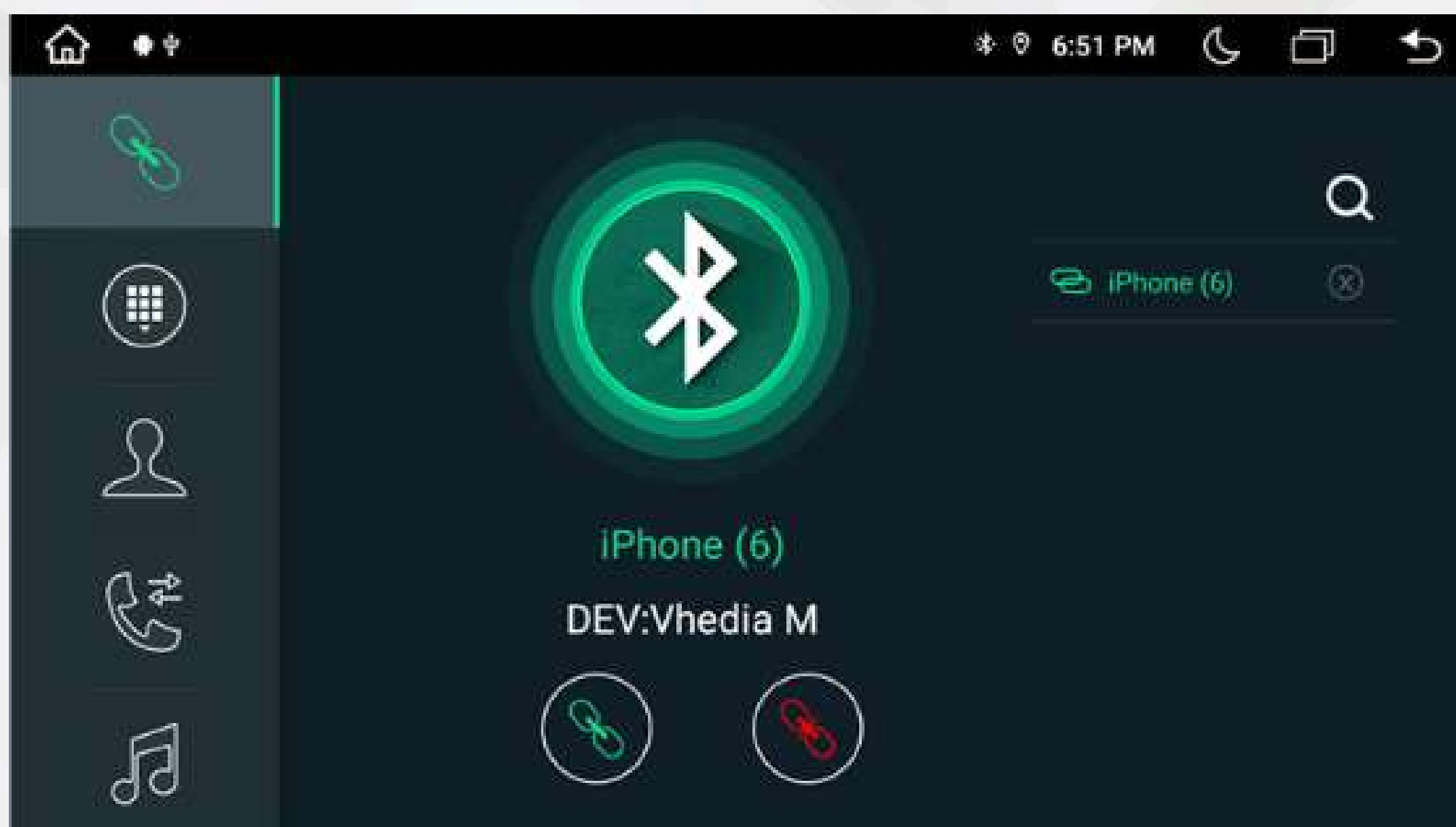


ANDROID

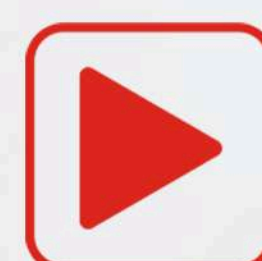
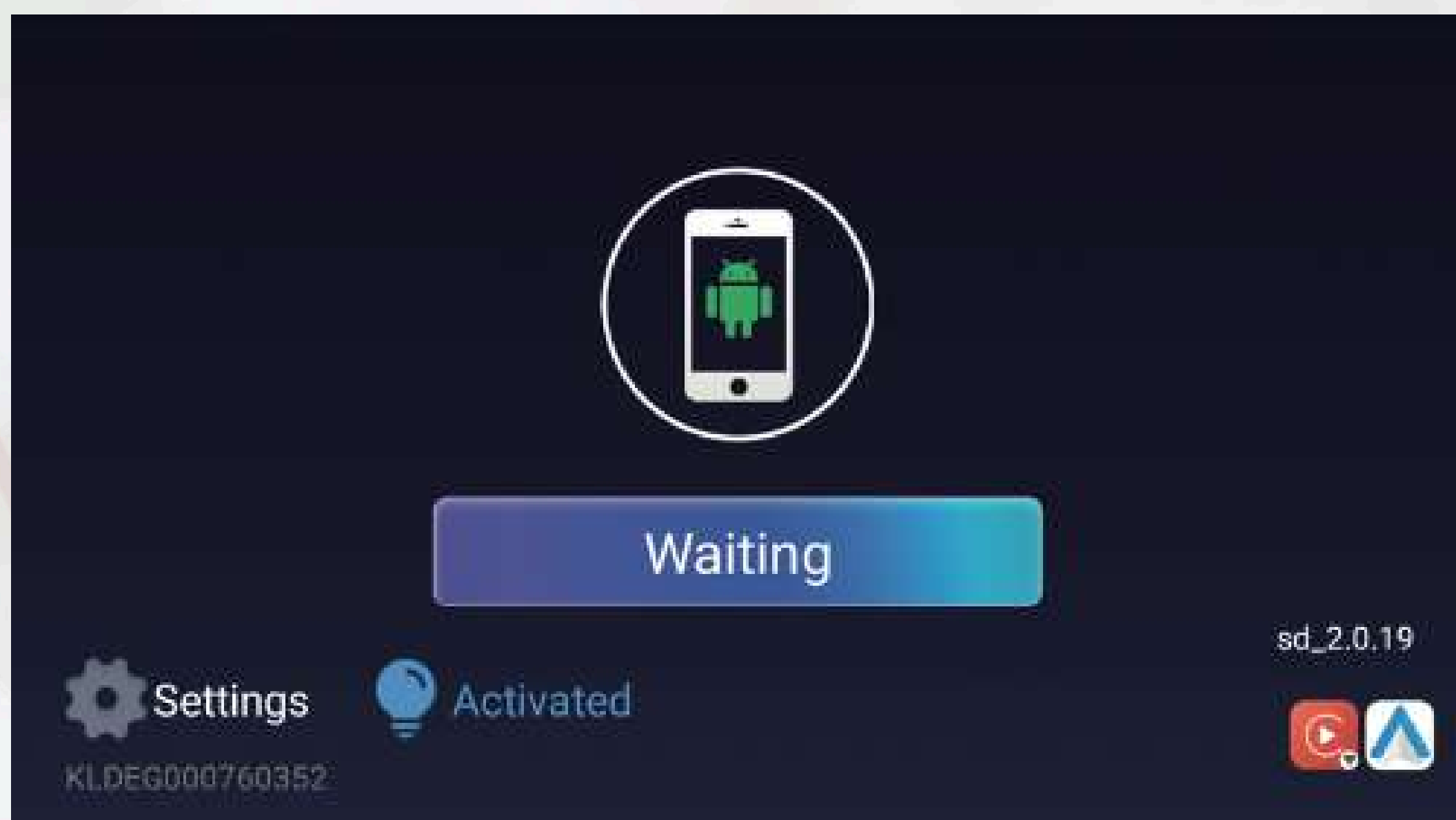


D. Confirm connections

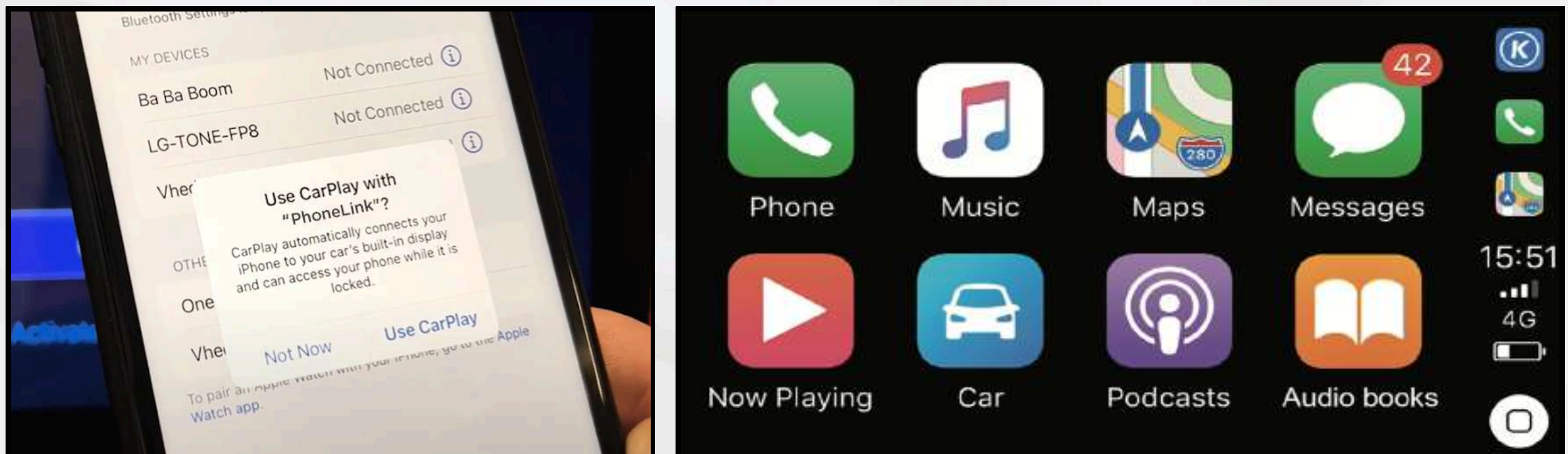
- The Bluetooth icon will turn green, indicating that the connection has been successfully established



2. Open Auto Link: On the head unit, open the PhoneLink/Auto Link app and wait for it to establish a wireless CarPlay connection.



3. Confirm Connection: For iPhone or iOS devices, watch for a pop-up notification requesting permission to connect to CarPlay. Simply accept the request, and the connection will be established.



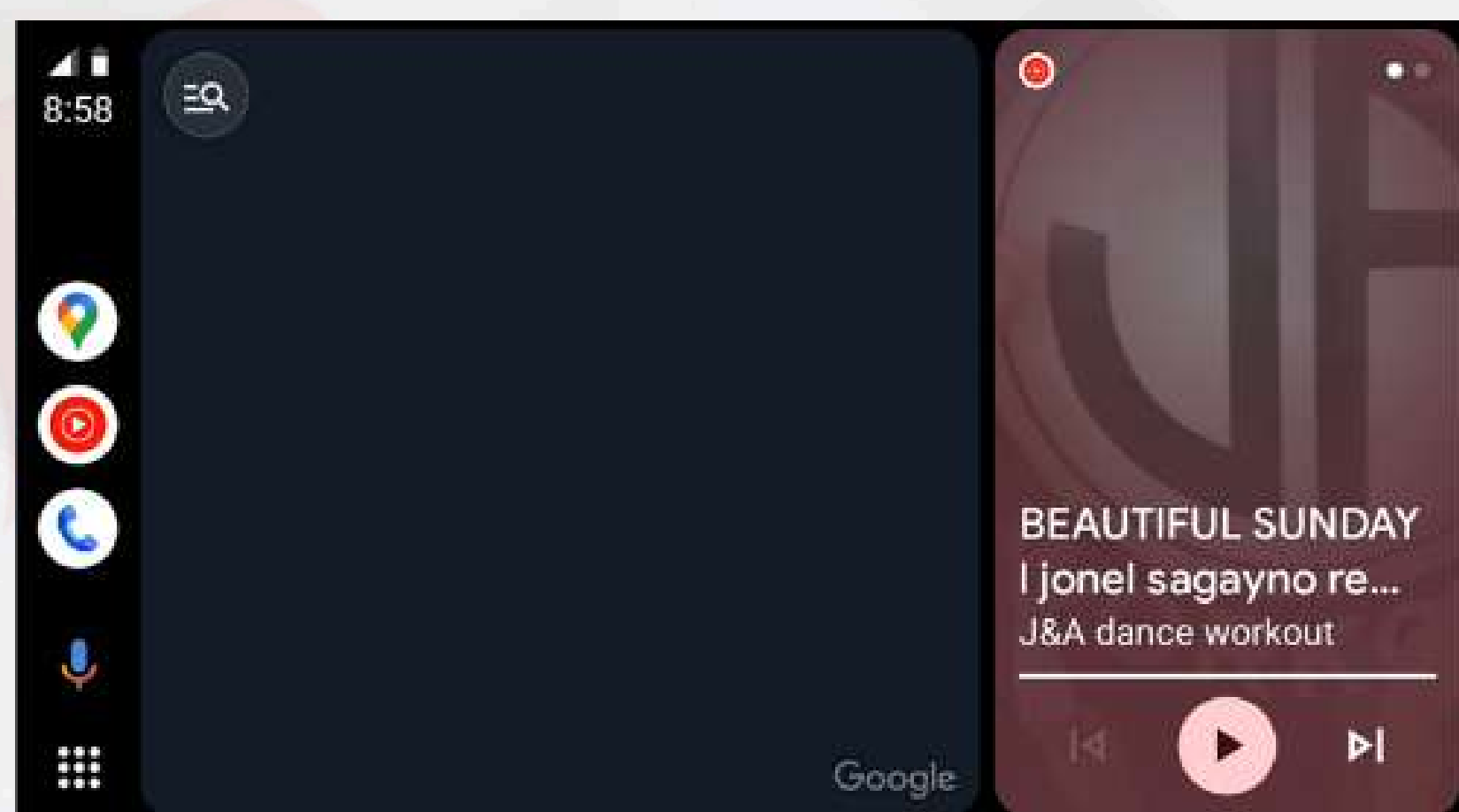
For Android devices, a notification for Android Auto is not typically displayed if your phone has successfully paired with the head unit. However, if a notification does appear, just accept the request to proceed.

NOTE

Carplay and Android Auto will automatically launch when the head unit restarts. If it doesn't, simply open the PhoneLink app.

Wired Android Auto

1. Connect via USB: Plug your Android phone into the head unit's USB port using a USB cable.
2. Respond to Notification: You will see an Android Auto notification on your phone. Tap on it and allow the connection to Android Auto.
3. Launch Auto Link: Open the Auto Link app on the head unit and wait for the Android Auto connection to be established.



CONNECTING TO WIFI

The head unit is equipped with WiFi capability, enabling you to wirelessly connect to your iPhone or Android Hotspot, or your Home Network, for internet access.

i IMPORTANT

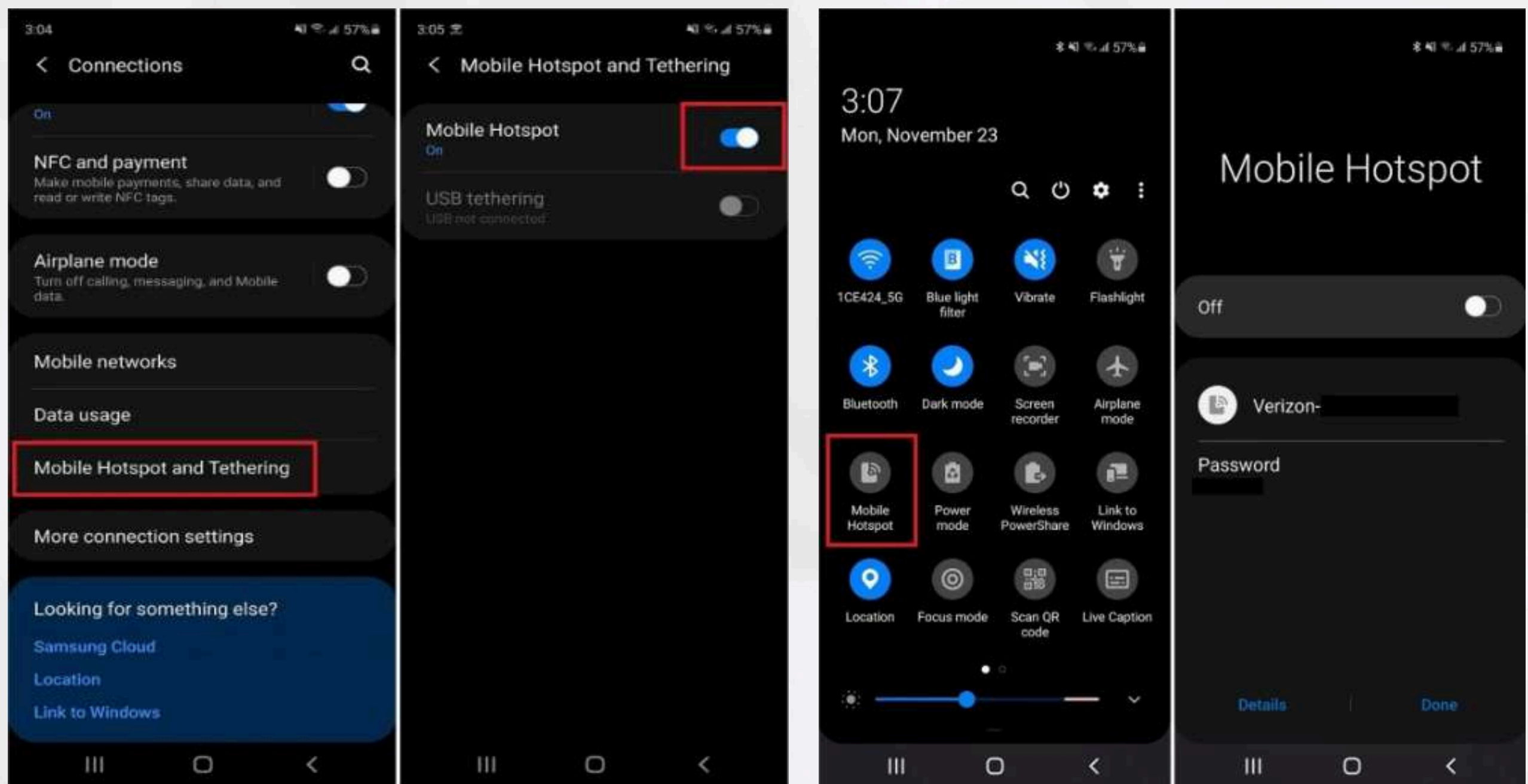
If Android Auto or CarPlay is already connected, you'll need to disconnect it to use WiFi. To prevent Android Auto or CarPlay from starting automatically, switch off your phone's Bluetooth before starting the car.

1. Enable Hotspot on Your Phone

- iPhone:
 - a. Go to Settings.
 - b. Tap on Personal Hotspot.
 - c. Toggle the switch to enable the Personal Hotspot. Make sure Wi-Fi and Bluetooth are enabled on your iPhone.
 - d. Take note of the Wi-Fi password displayed on your screen.



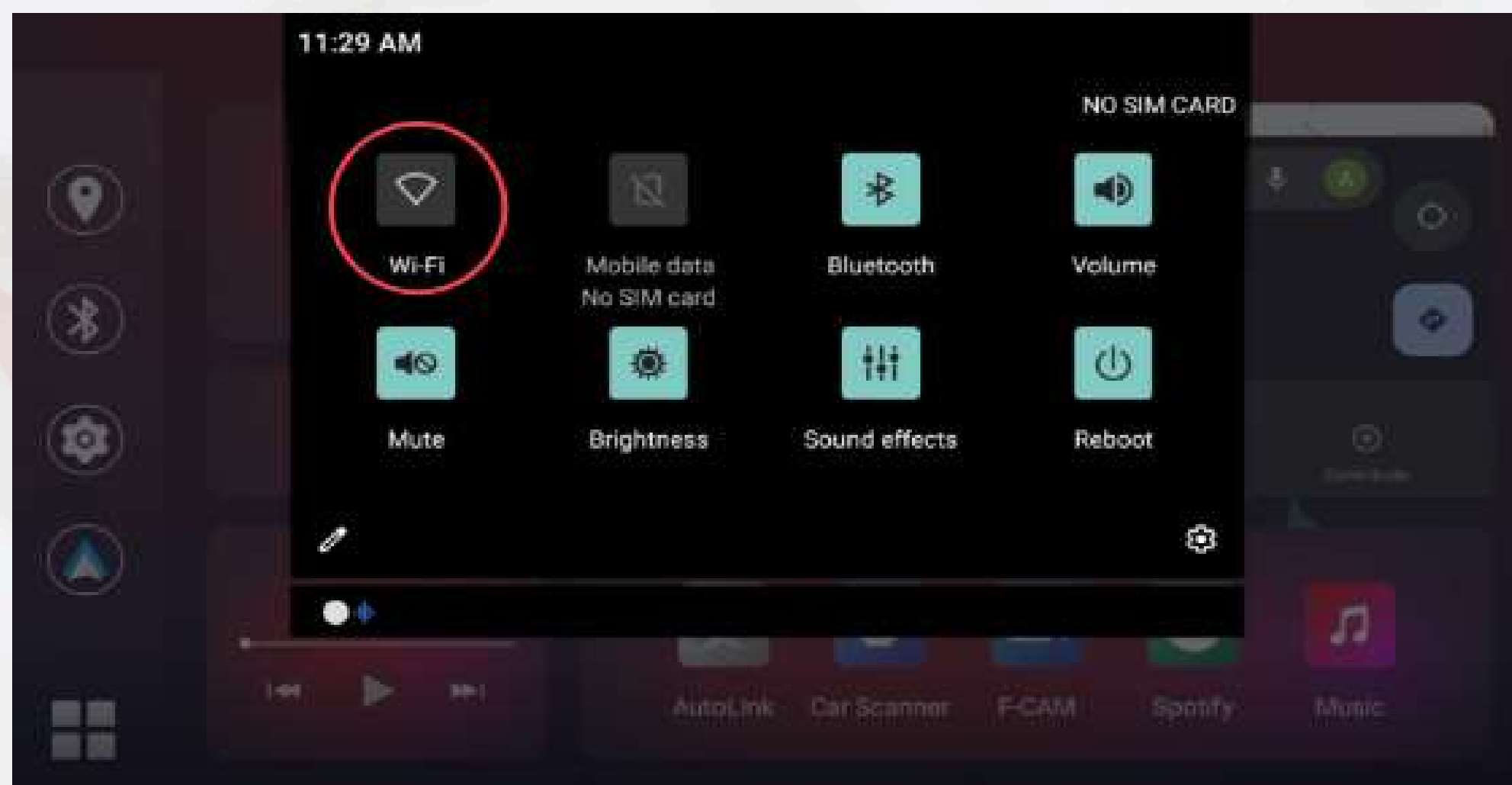
- Android:
 - a. Open Settings.
 - b. Select Network & internet or Connections.
 - c. Tap on Hotspot & tethering.
 - d. Toggle the Wi-Fi/Mobile hotspot switch to turn it on. Take note of the hotspot name and password.



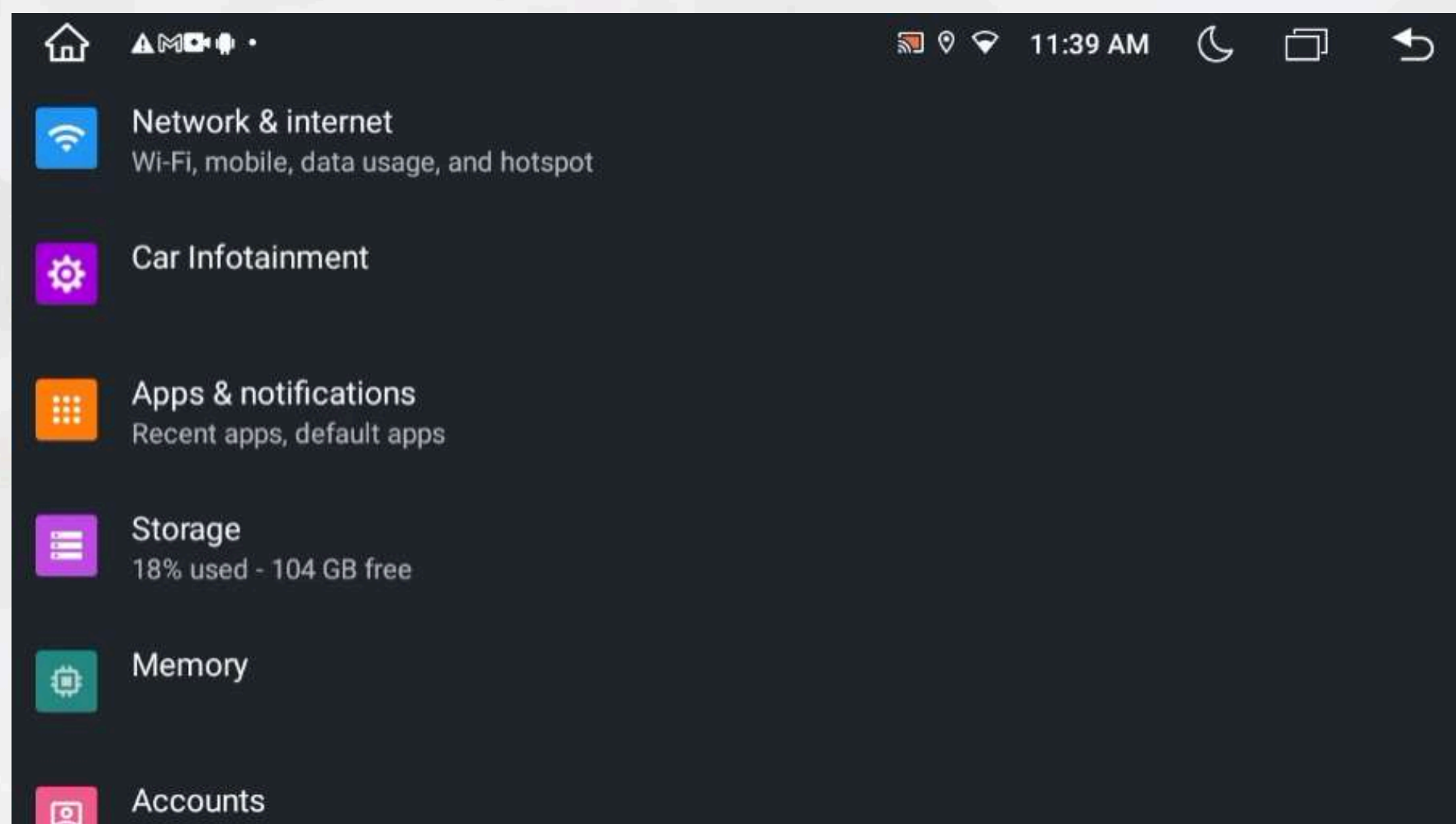
2. Turn ON the head unit's WiFi

To turn on the head unit's WiFi, you can either:

- a. Swipe down the widget menu.



b. Navigate to Settings > Network & Internet.



3. Connect the Head Unit to Your Phone's Hotspot

- The head unit will automatically start scanning for available networks.
- Look for your phone's hotspot name in the list of available Wi-Fi networks and select it.
- Enter the password you noted earlier and press Connect.

i NOTE

This step is only necessary the first time you connect the head unit to a WiFi network.

4. Confirm the Connection

- Once connected, you will see the Wi-Fi icon in the notification bar at the top of the head unit's screen, indicating that the connection is successful and the head unit is now connected to the internet.

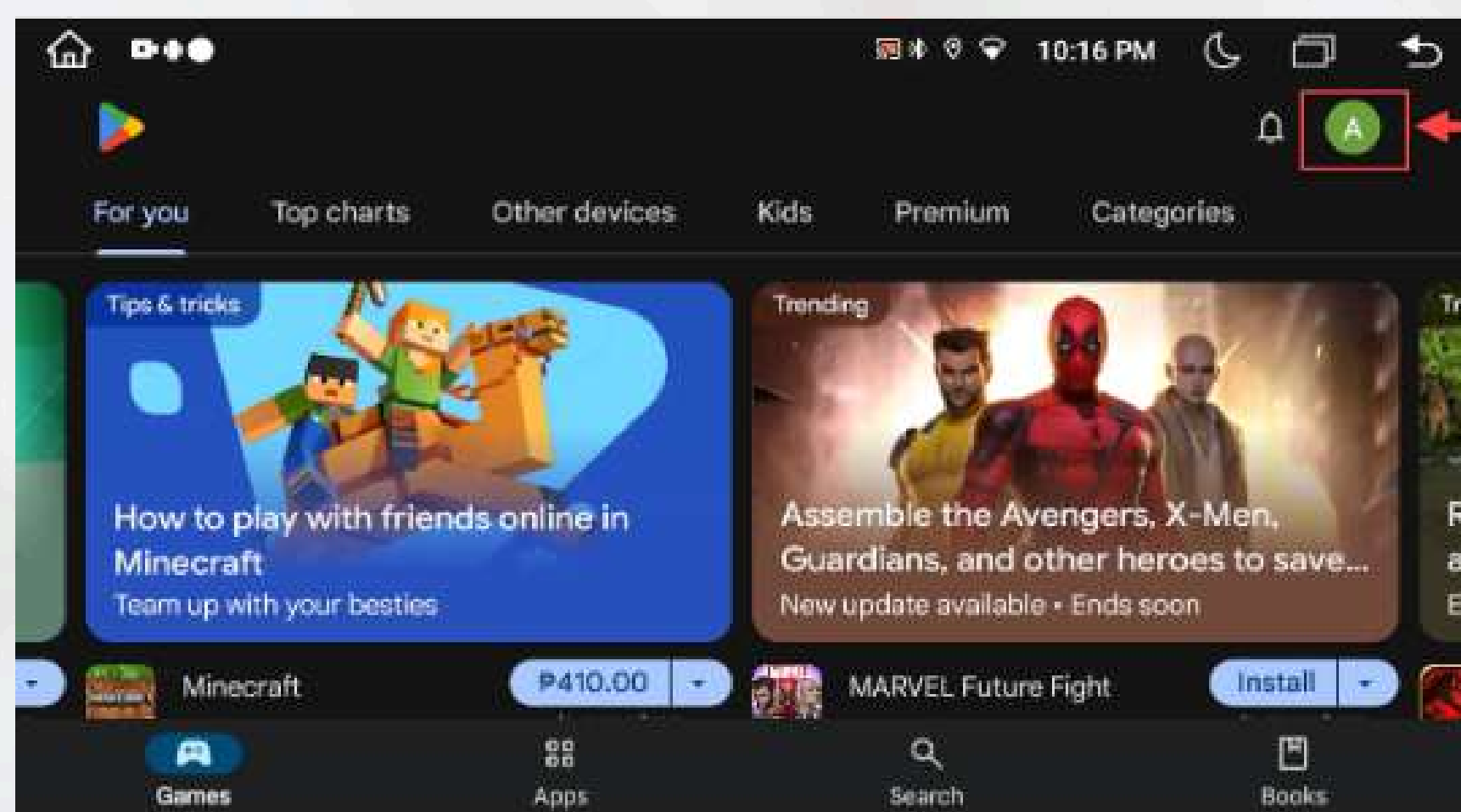


DOWNLOADING AND INSTALLING APPS ON YOUR VHEDIA HEAD UNIT

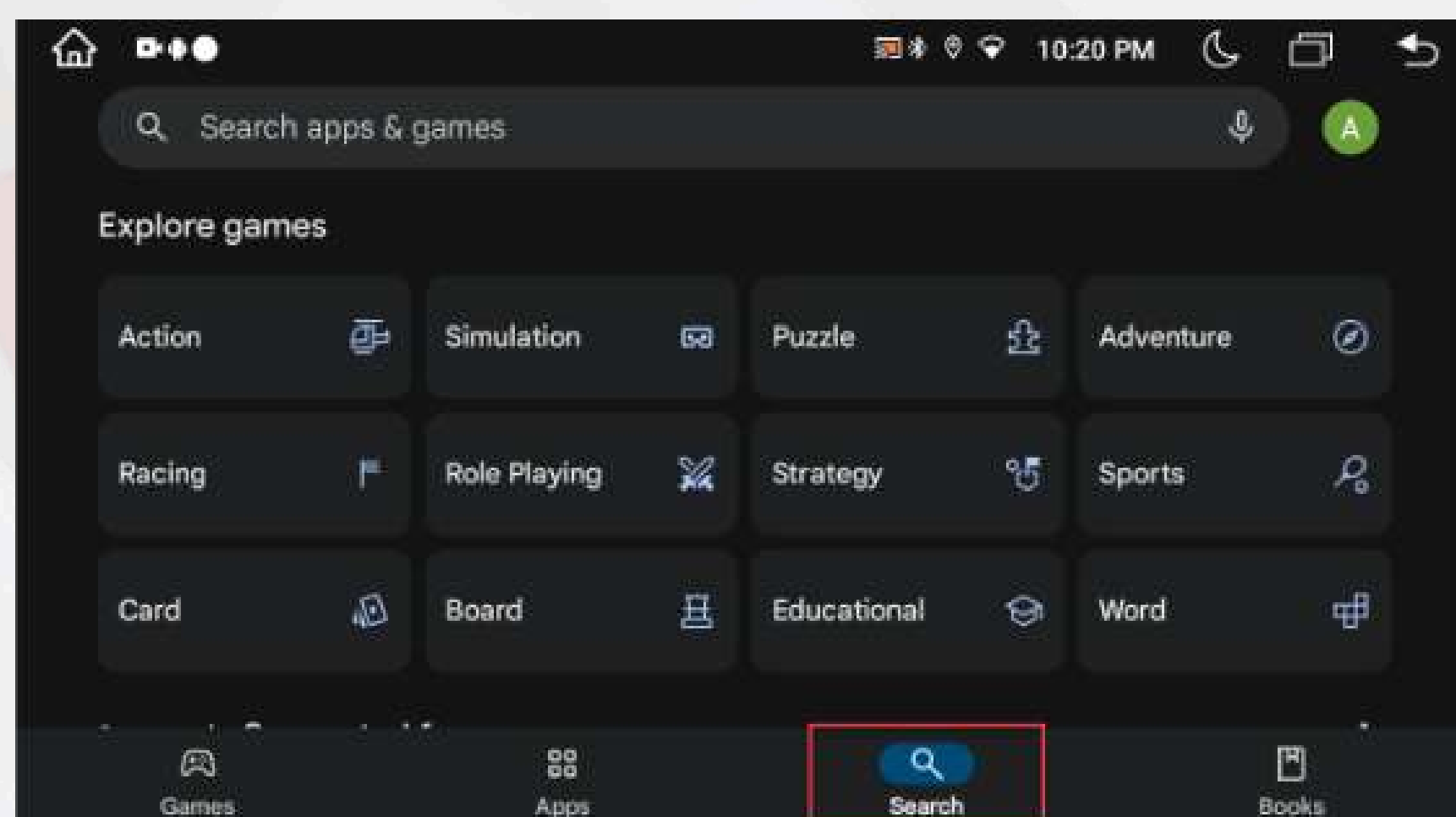
Your VHEDIA head unit, running on Android OS, offers two primary ways to download and install apps: via the Google Play Store or by manually installing APK files. Below are the detailed steps for both methods.

Option 1: Downloading Apps from the Google Play Store

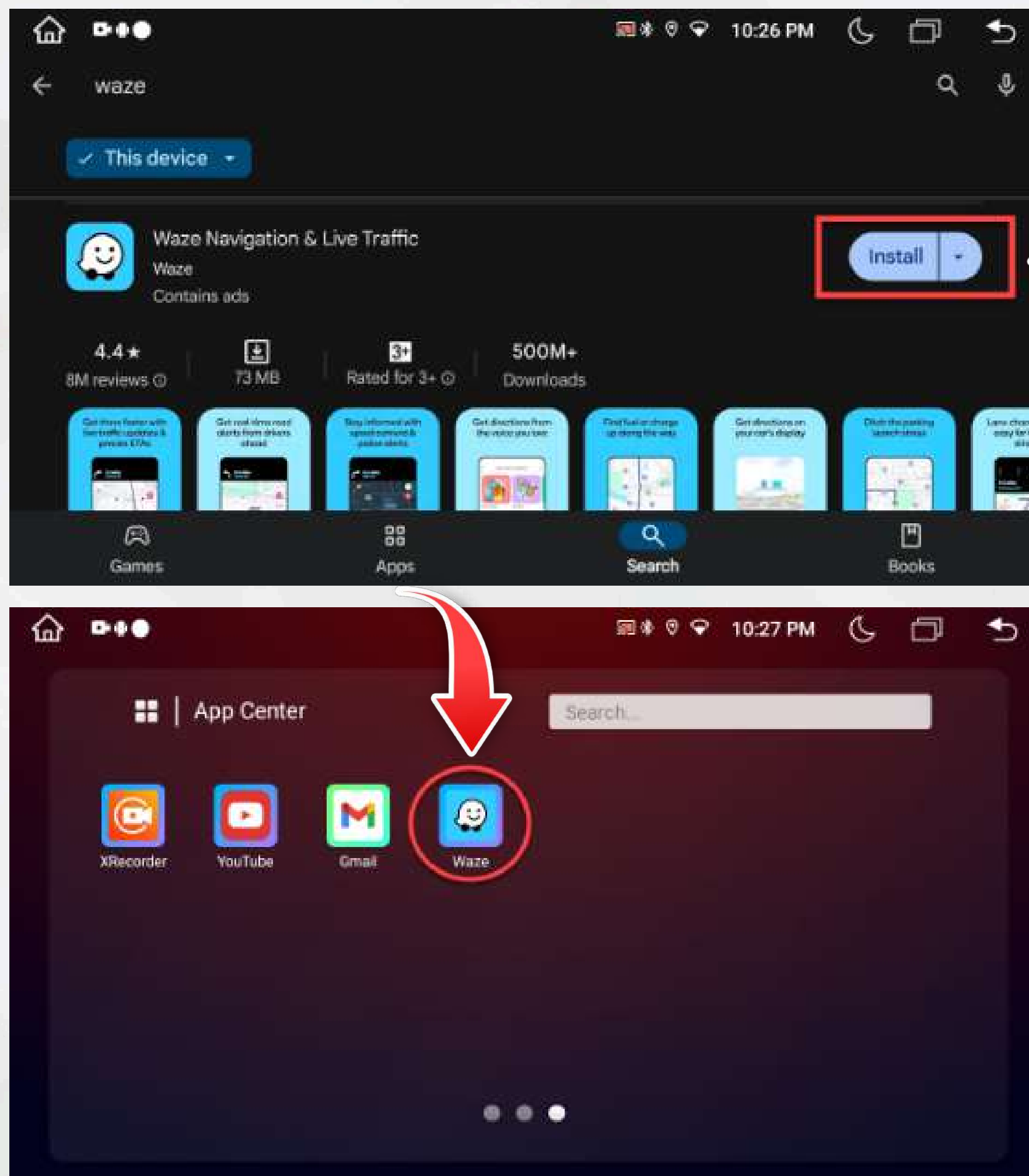
1. Connect to the Internet: Ensure your head unit is connected to WiFi or a mobile network.
2. Sign In to Your Google Account: Open the Google Play Store app and sign in with your Google account. This is required to use the Play Store.



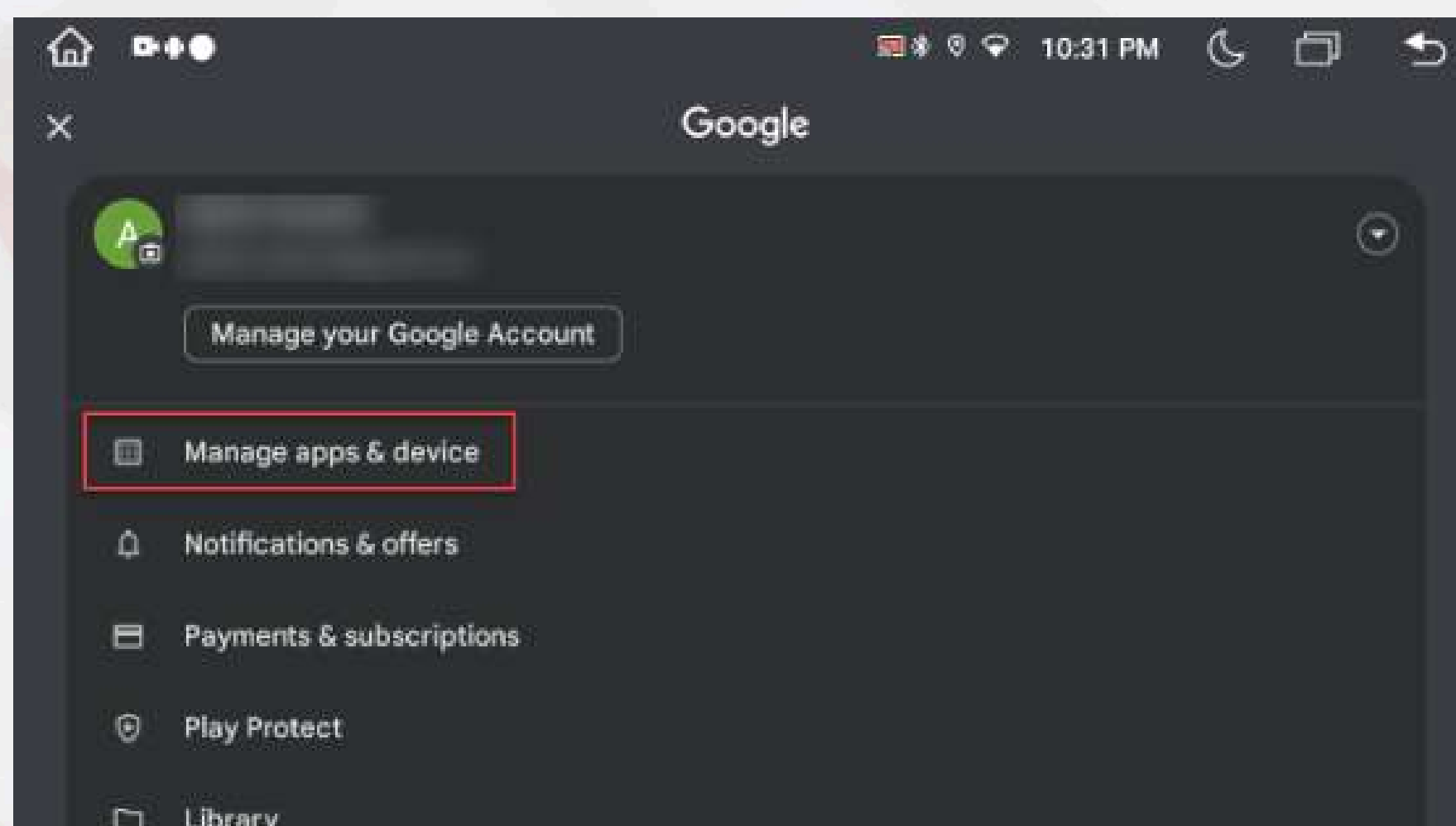
3. Search for the App: Use the search bar at the top to find the app you wish to install.

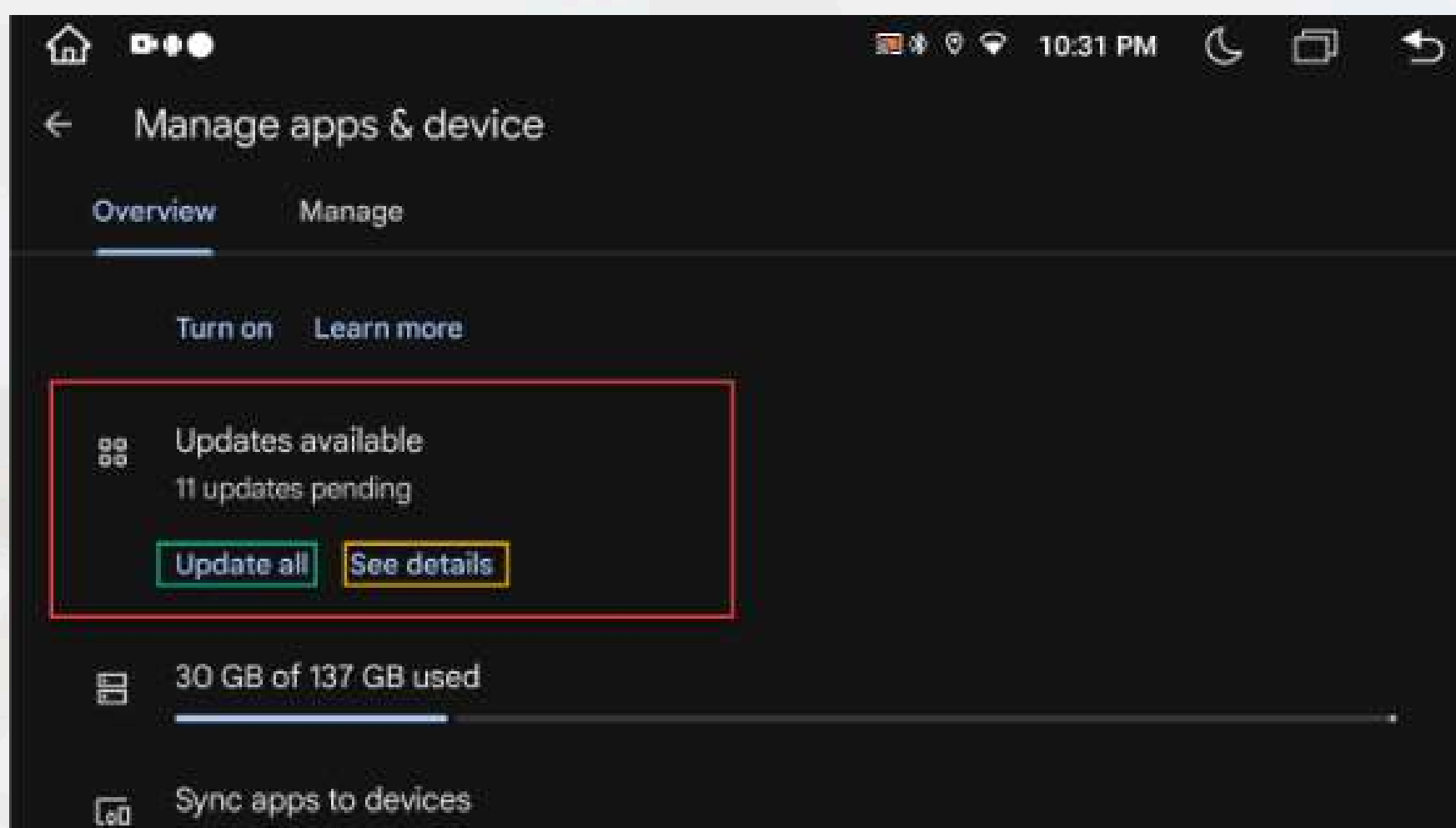


4. Install the App: Tap the app from the search results, then tap "Install." The app will automatically download and install on your head unit.

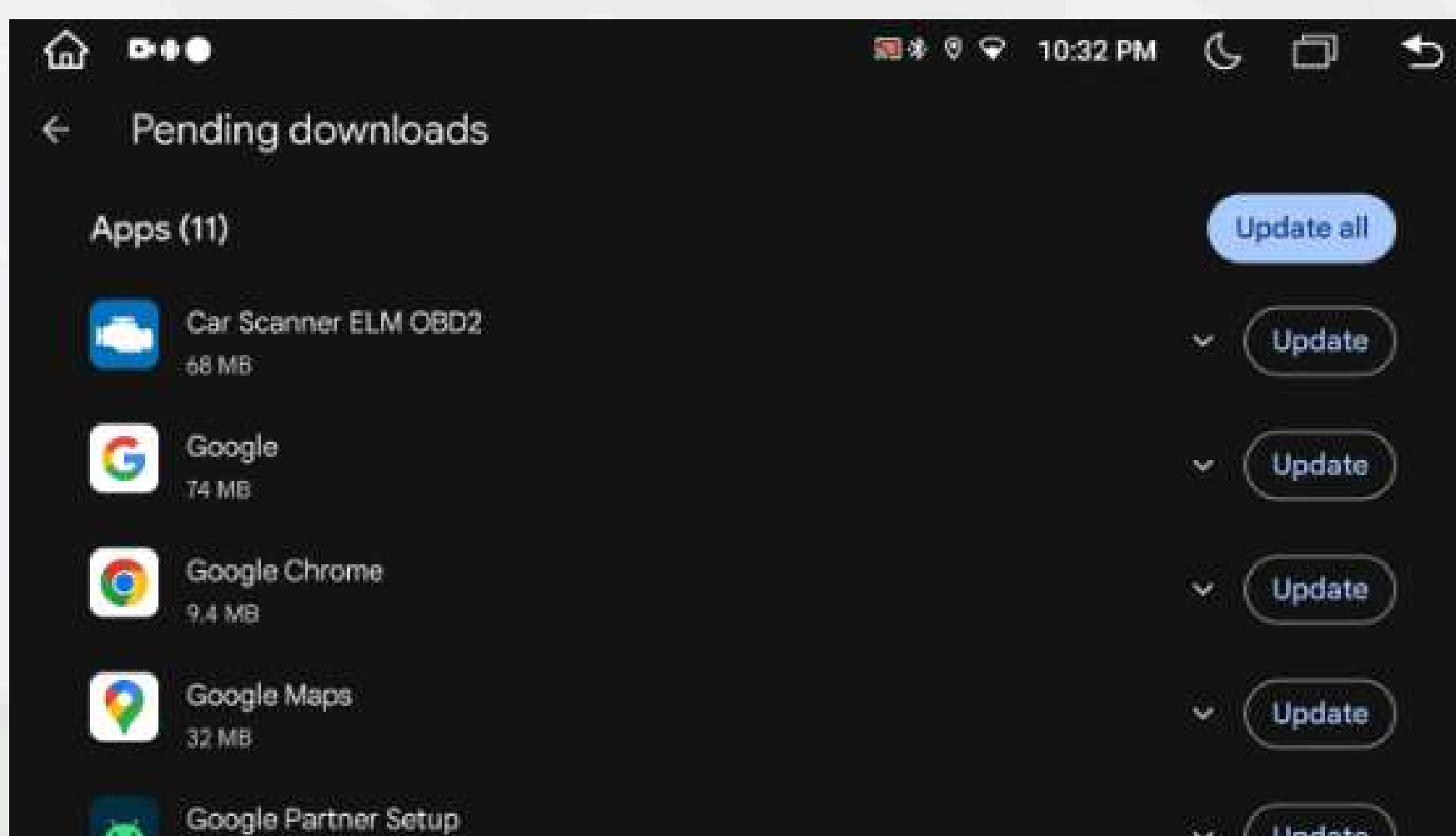


5. Update Installed Apps: To update apps installed through the Play Store, tap the Profile icon > Manage Apps & Device. You can choose to either "Update All" to update all available updates or "See Details" to manually select the apps you want to update.





Under “See details”:



Option 2: Installing an APK File

NOTE

We generally recommend downloading apps from the Google Play Store. However, if you need to install an APK file, please ensure the source is trustworthy (such as a file provided by VHEDIA or directed by us).

Additionally, not all APK files are compatible with the head unit and may not install successfully.

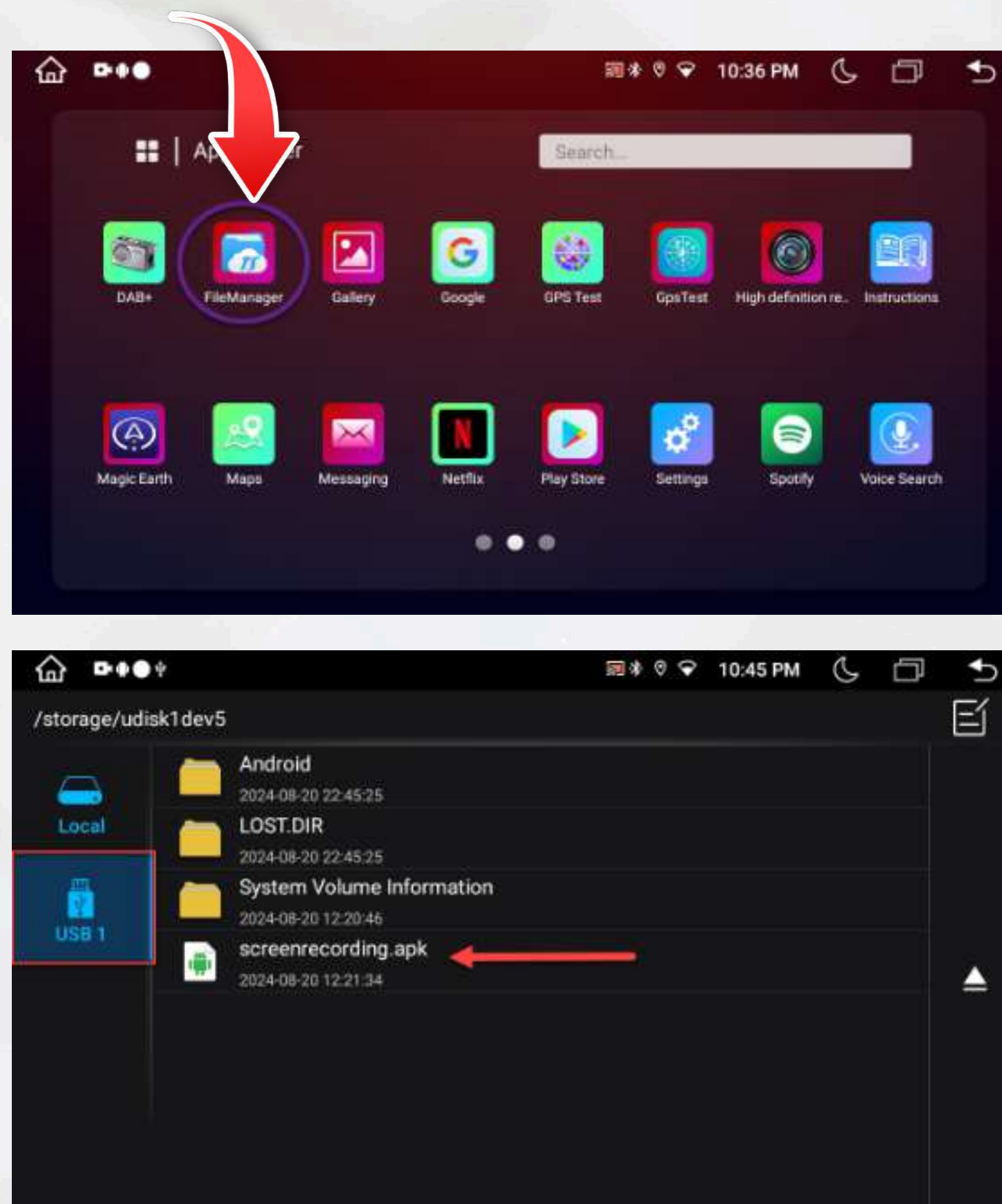


1. Download the APK File:

- Using a Computer: Download the APK file onto your computer.
- Using the Head Unit: Download the APK file directly using the head unit's browser.

2. Transfer the APK File to the Head Unit (if downloaded via a computer):

- Copy the APK file to a USB flash drive.
- Insert the USB flash drive into the head unit.
- Use the File Manager on the head unit to locate the APK file.



3. Enable Installation from Unknown Sources:

- Go to Settings > Apps & notifications > Advanced > Special App Access > Install Unknown Apps.
- Select APK Installer, Google Chrome, and File Manager one by one.
- Tap "Allow from this source" for each app.

4. Install the APK File:

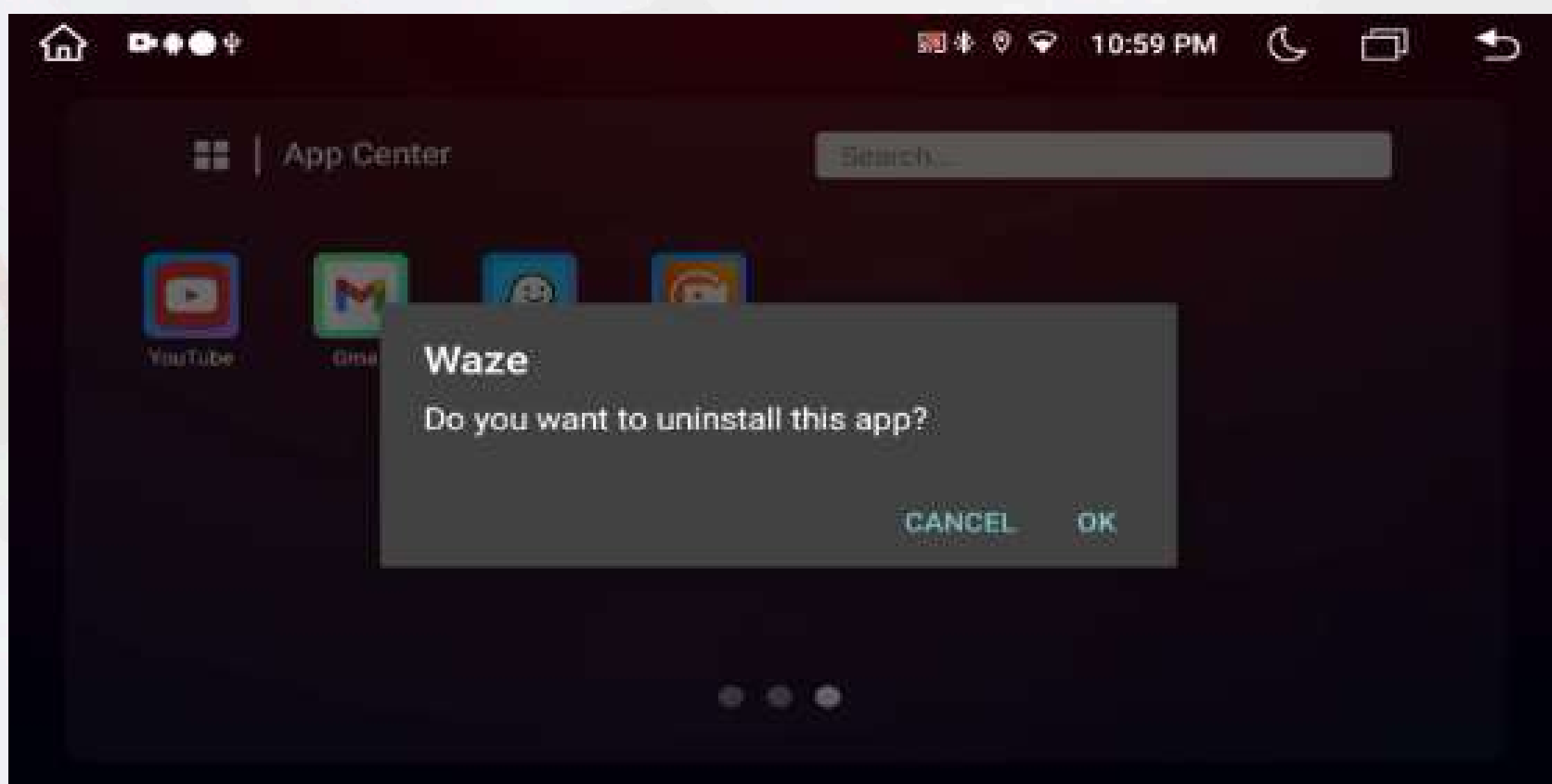
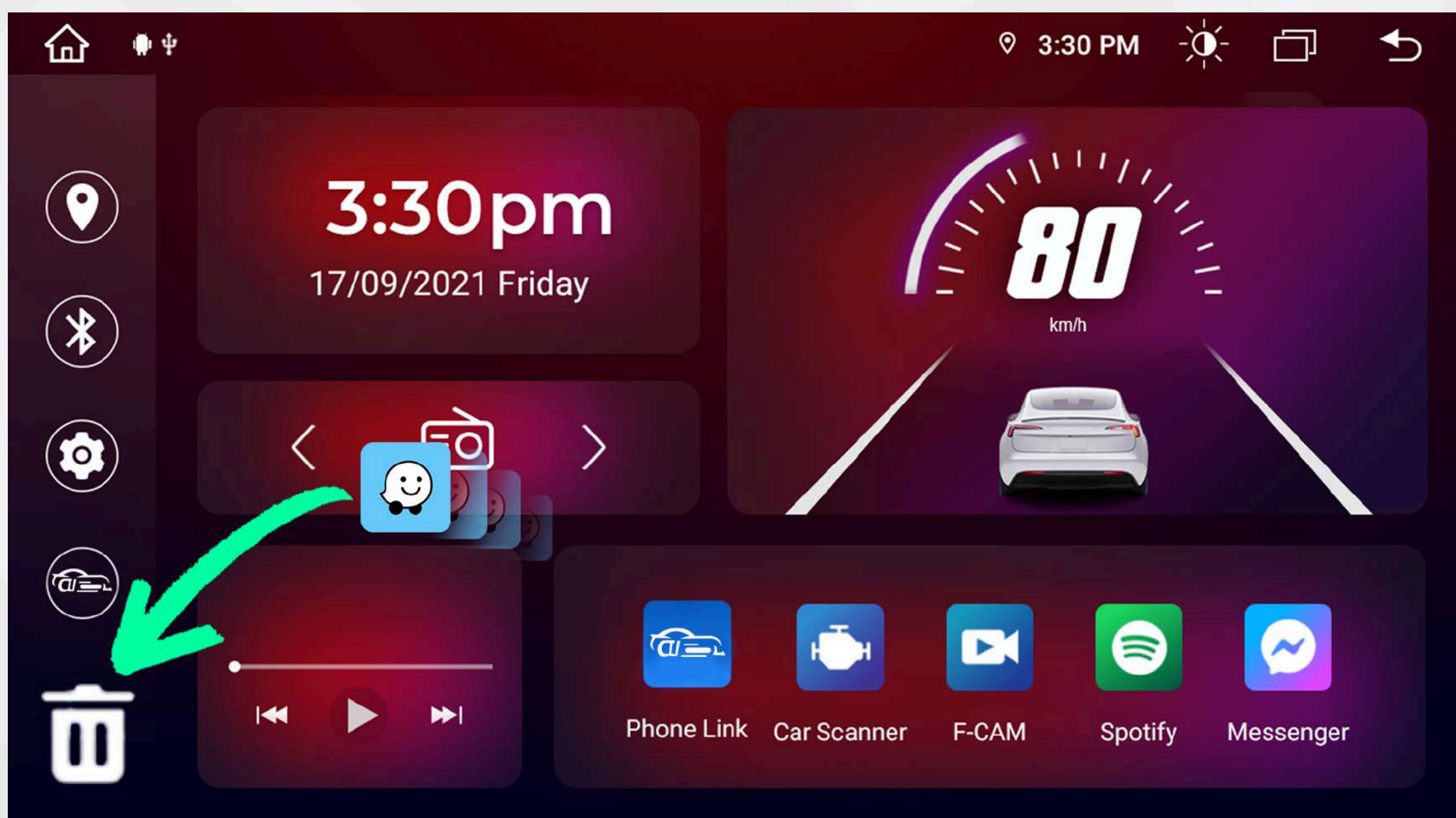
- Open the File Manager and locate the APK file.
- Tap the APK file to begin the installation.
- Follow the on-screen prompts to complete the installation.



UNINSTALLING APPS

To uninstall an app installed by the user (pre-installed apps cannot be uninstalled):

- Press and hold the app you want to uninstall.
- Drag it to the trash can icon that appears on the screen.
- Release the app to confirm the uninstallation.





STEERING WHEEL CONTROL LEARNING

















The steering wheel controls of the head unit are appropriate for the original car steering wheel controls. Please note that if your head unit has a CANBUS, you may not need to learn the steering wheel control. Tap the SWC icon on the system setting interface, as in the shown picture.

To Set/assign function of steering wheel buttons, tap the function you want from the SWC setting, then press the appropriate button on the SWC

Steps to Configure Steering Wheel Controls (SWC)

1. Go to Settings > Car Infotainment.
2. Navigate to the SWC section.
3. In the SWC menu, tap the Clear All button to reset the current settings.
4. Select the desired button on the SWC menu (e.g., Volume Up). While it is blinking, press the corresponding button on your steering wheel control.
5. Once the selected button stops blinking, it indicates that the function has been successfully assigned.
6. Repeat these steps for any additional buttons you wish to configure.

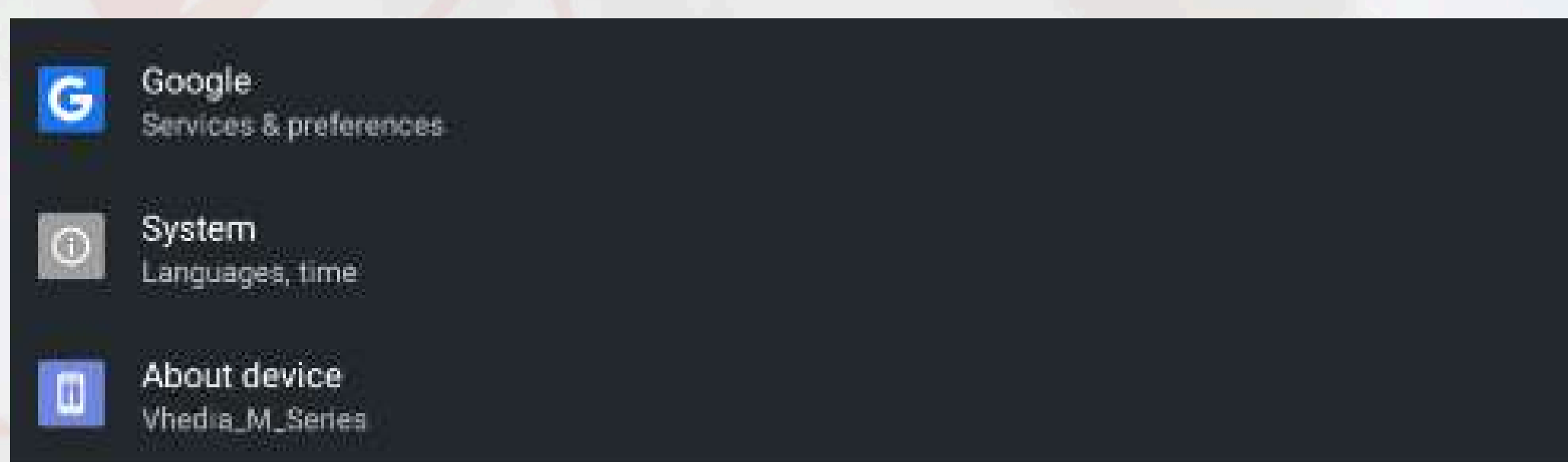
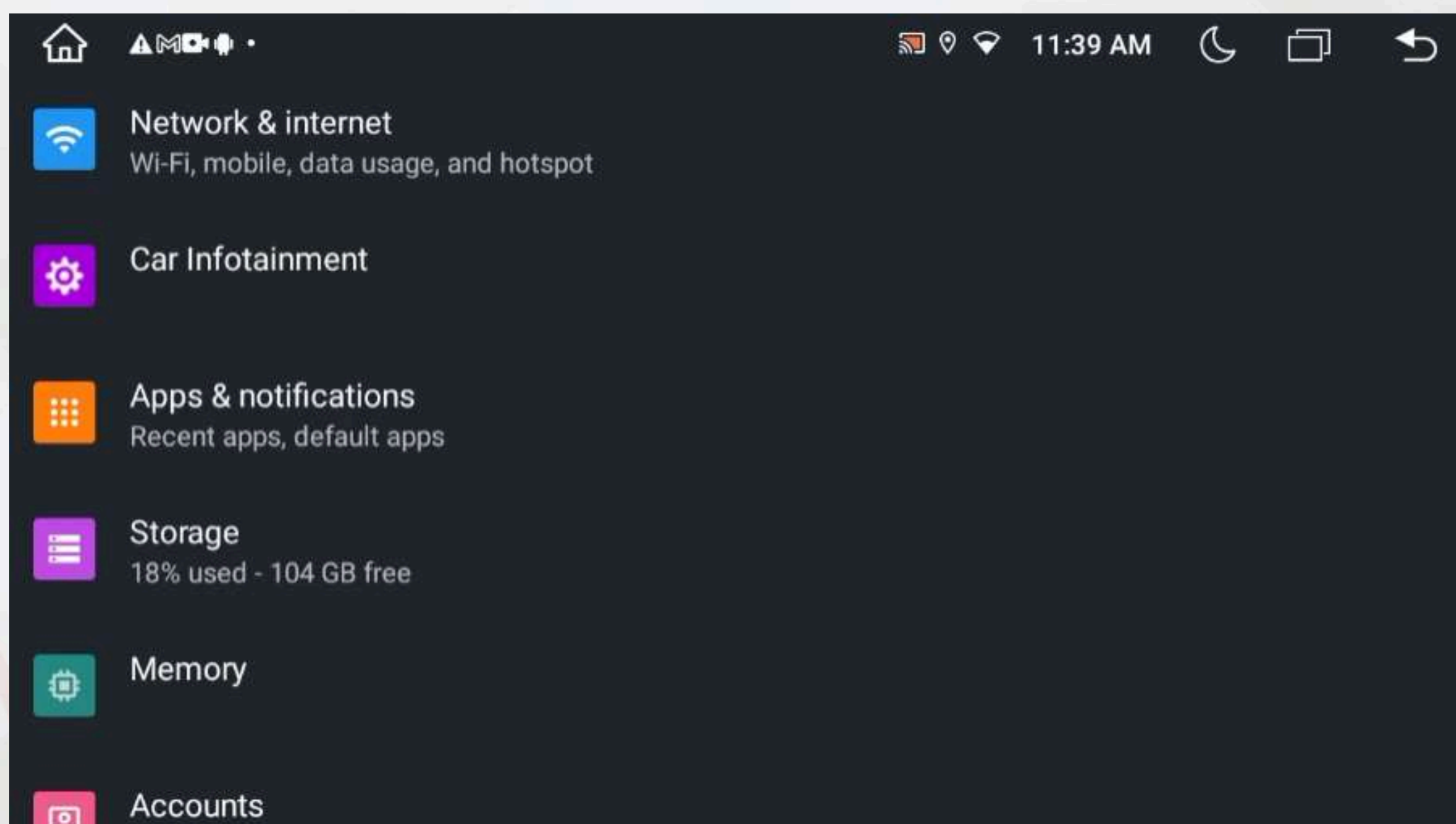
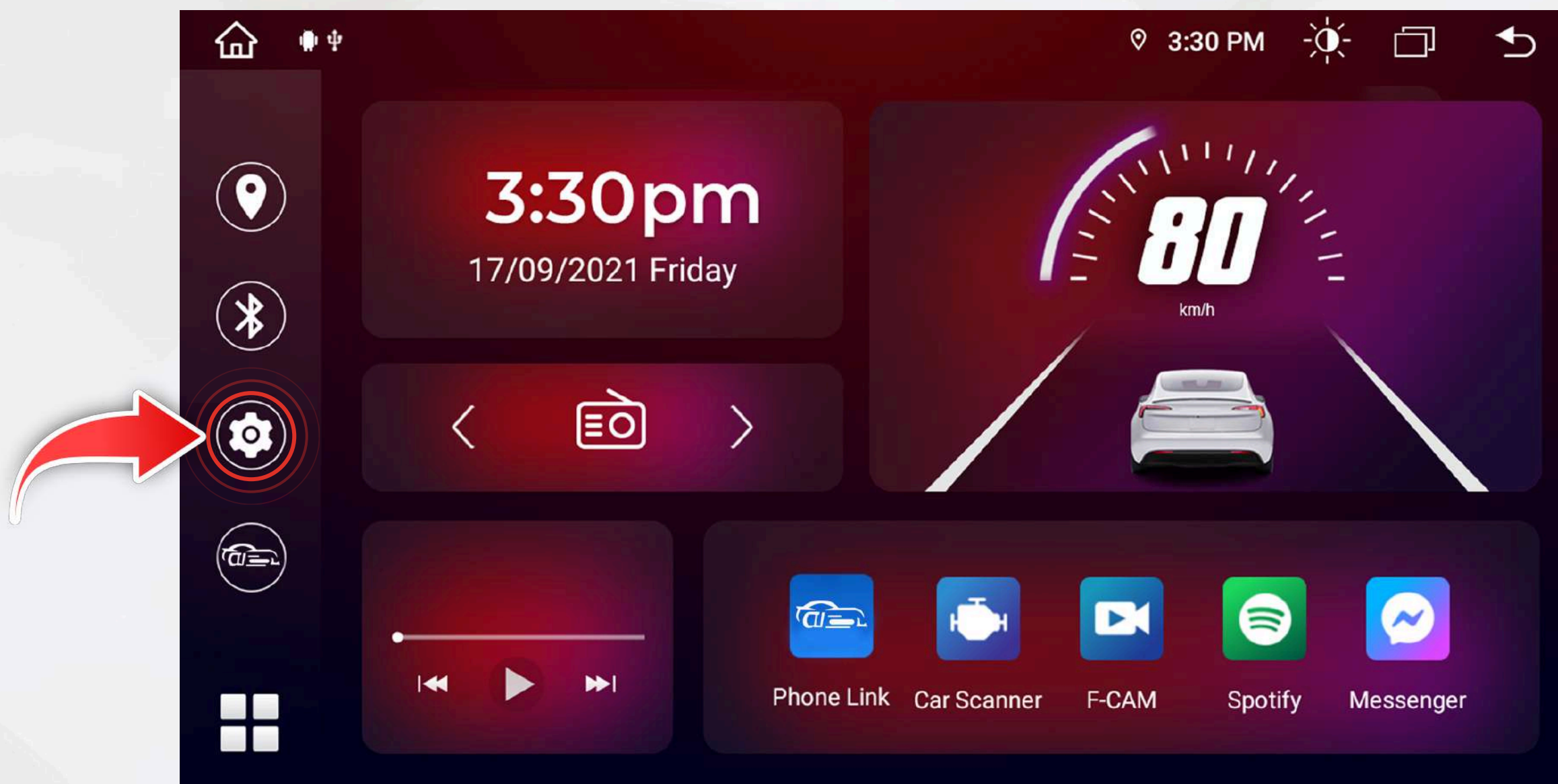


	Volume Up (+) : Increases the volume of the audio system.
	Volume Down (-) : Decrease the volume of the audio system.
	GPS : Activates the GPS navigation system.
	Microphone : Activates the voice command or hands-free calling feature.
	Previous Track : Moves to the previous track in the playlist or radio station.
	Next Track : Moves to the next track in he playlist or radio station.
	Home : Returns to the main home screen of the head unit.
	Phone Answer : Answers an incoming phone call.
	Phone End : Ends the current phone call or rejects an incoming call.
	Mute : Mutes the audio output.
	Mode : Switches between different audio modes (e.g., radio, CD Bluetooth, Aux).
	Return : Returns to the previous screen or menu.
	Seek Down : Tunes to the previous radio station or rewinds the current media.
	Seek Up : Tunes to the next radio station or fast-forwards the current media.
	Pause/Play : Pauses or resumes playback off the current media.
	Power : Turns the head unit on or off.



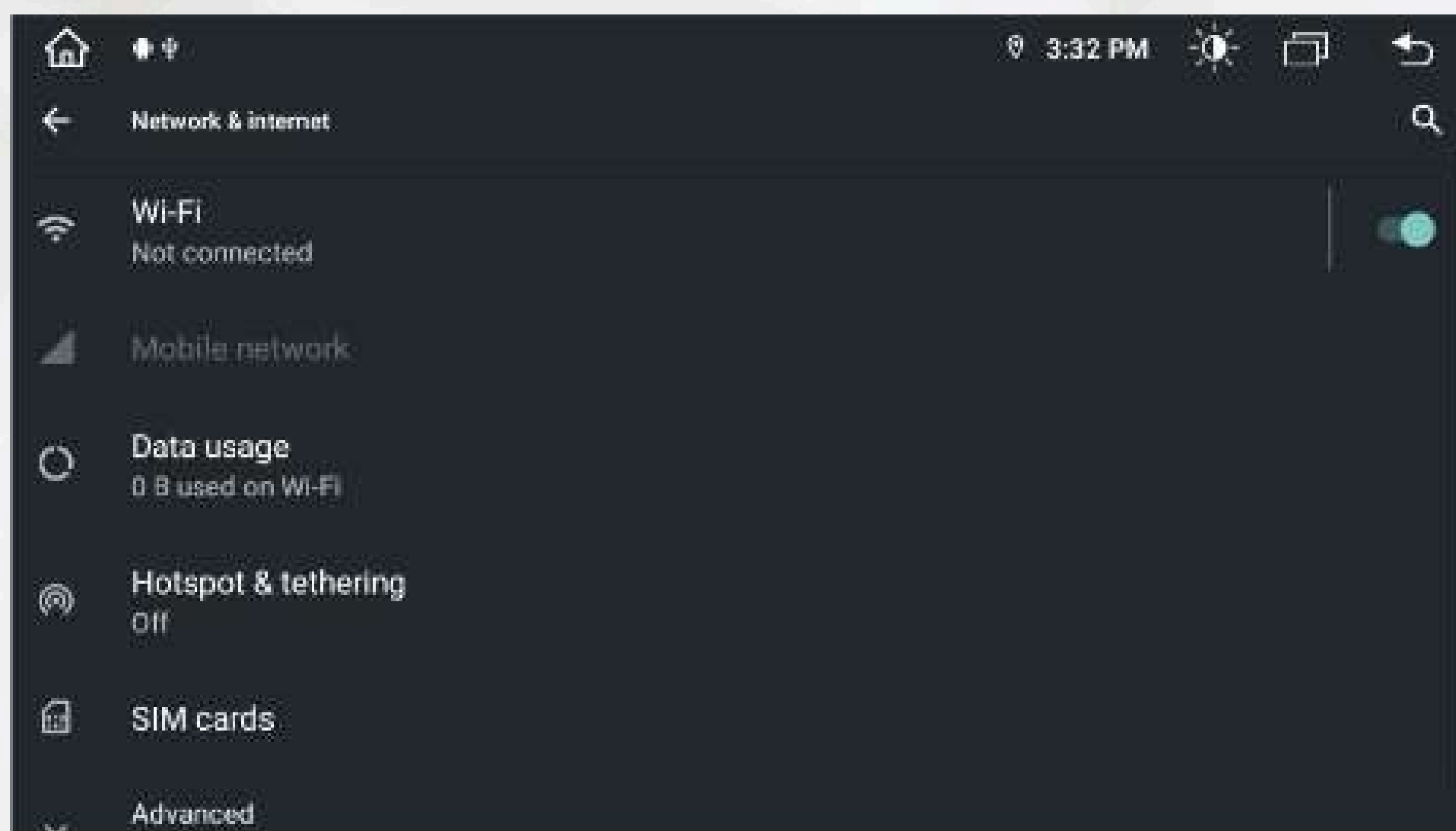
UNDERSTAND THE HEAD UNIT SETTINGS

Tap the Gear/Settings icon on the home screen to enter the Settings menu.



1. Network & Internet

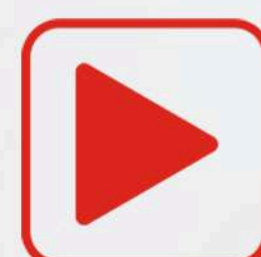
Manage all your network connections including WiFi, mobile data, and tethering options. This section allows you to connect to networks, monitor data usage, and manage SIM cards.

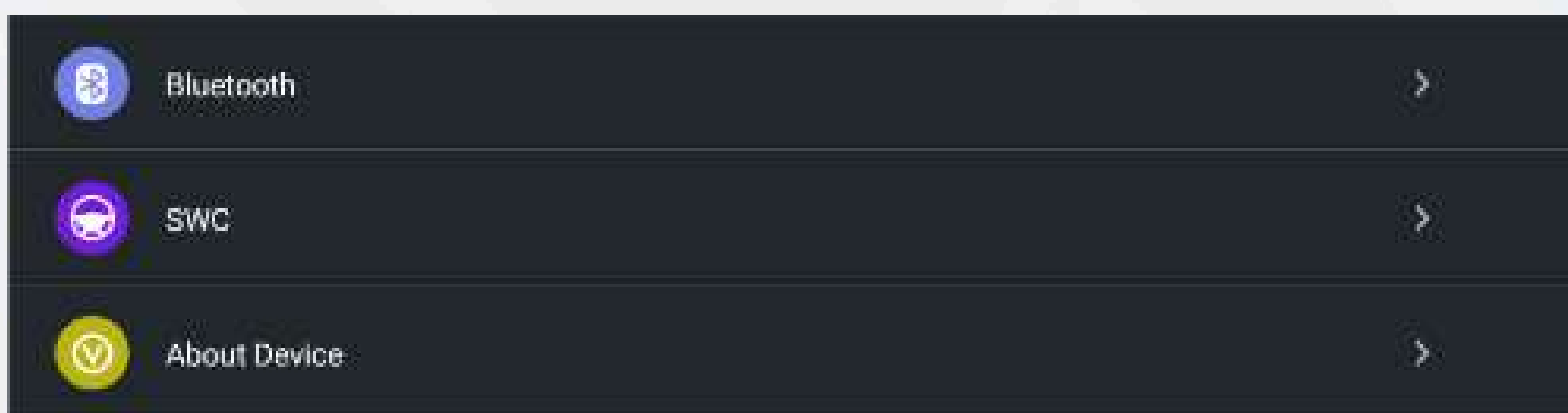
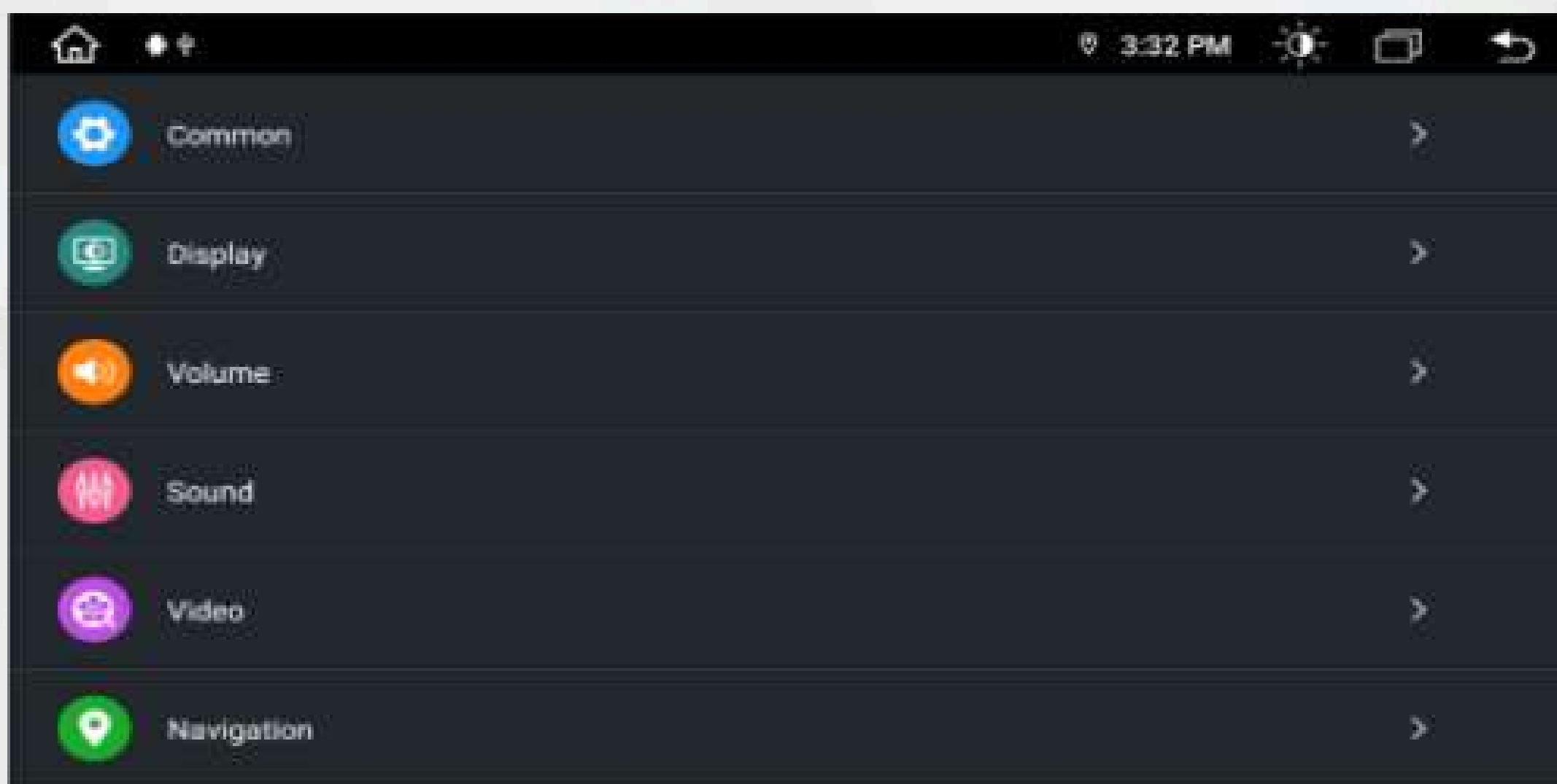


- Wi-Fi: Connects to available WiFi networks.
- Mobile Network: Manages mobile data settings.
- Data Usage: Tracks your data consumption.
- Hotspot & Tethering: Shares your internet connection with other devices.
- SIM Cards: Manages dual SIM card options.
- Advanced: Contains additional settings like Mobile Plan, Airplane Mode, VPN, and Private DNS.

2. Car Infotainment

Customize the head unit's interface and functionality to suit your driving experience. Adjust display settings, sound, and Bluetooth, and manage other car-specific features.



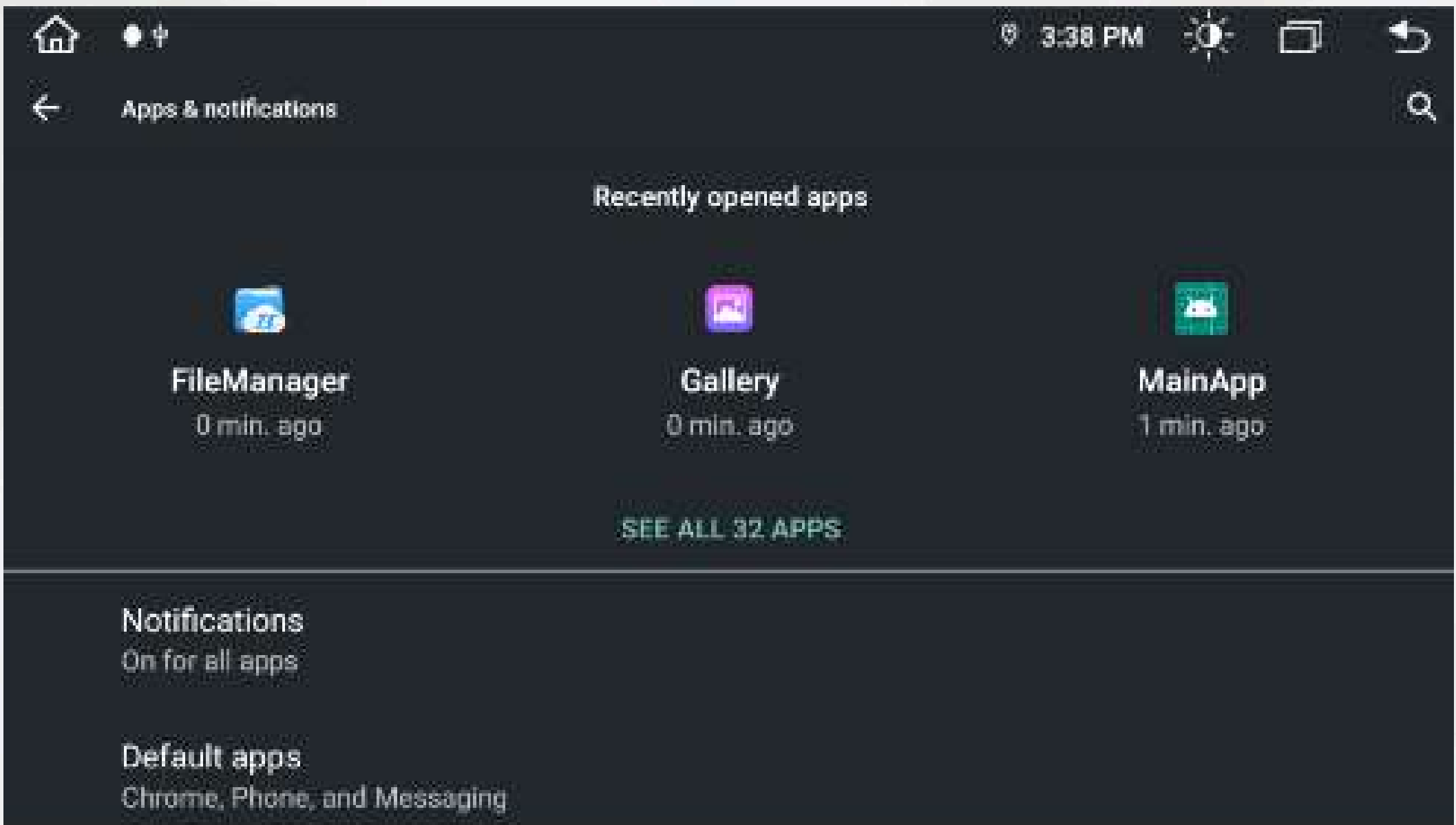


- Common: General settings for the car infotainment system such as Sleep mode, Assistive touch, Reverse Volume Suppression, Boot Logo and Reset All Settings.
- Display: Adjusts screen brightness, theme style, Auto Mode and other display settings.
- Volume: Controls audio levels for different functions.
- Sound: Configures audio output settings.
- Video: Manages settings for disable video in motion, reversing line, and front cam.
- Navigation: Sets up navigation preferences that will show on the home screen.
- Bluetooth: Manages Bluetooth connections.
- SWC: Configures steering wheel controls.
- About Device: Displays the firmware version installed



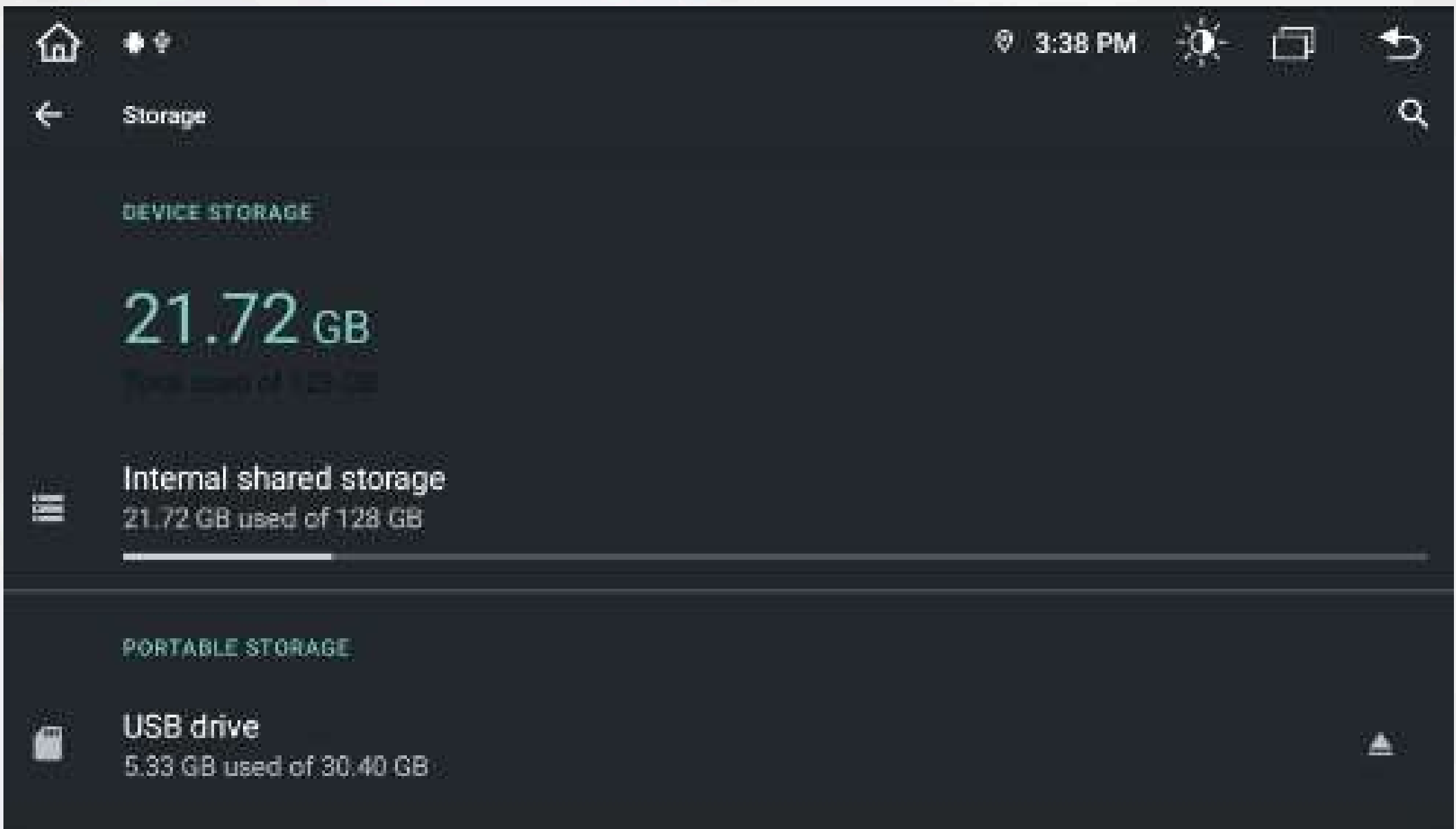
3. Apps & Notifications

Manage installed apps and their notifications. You can view app permissions, adjust notification settings, and control app behaviour.



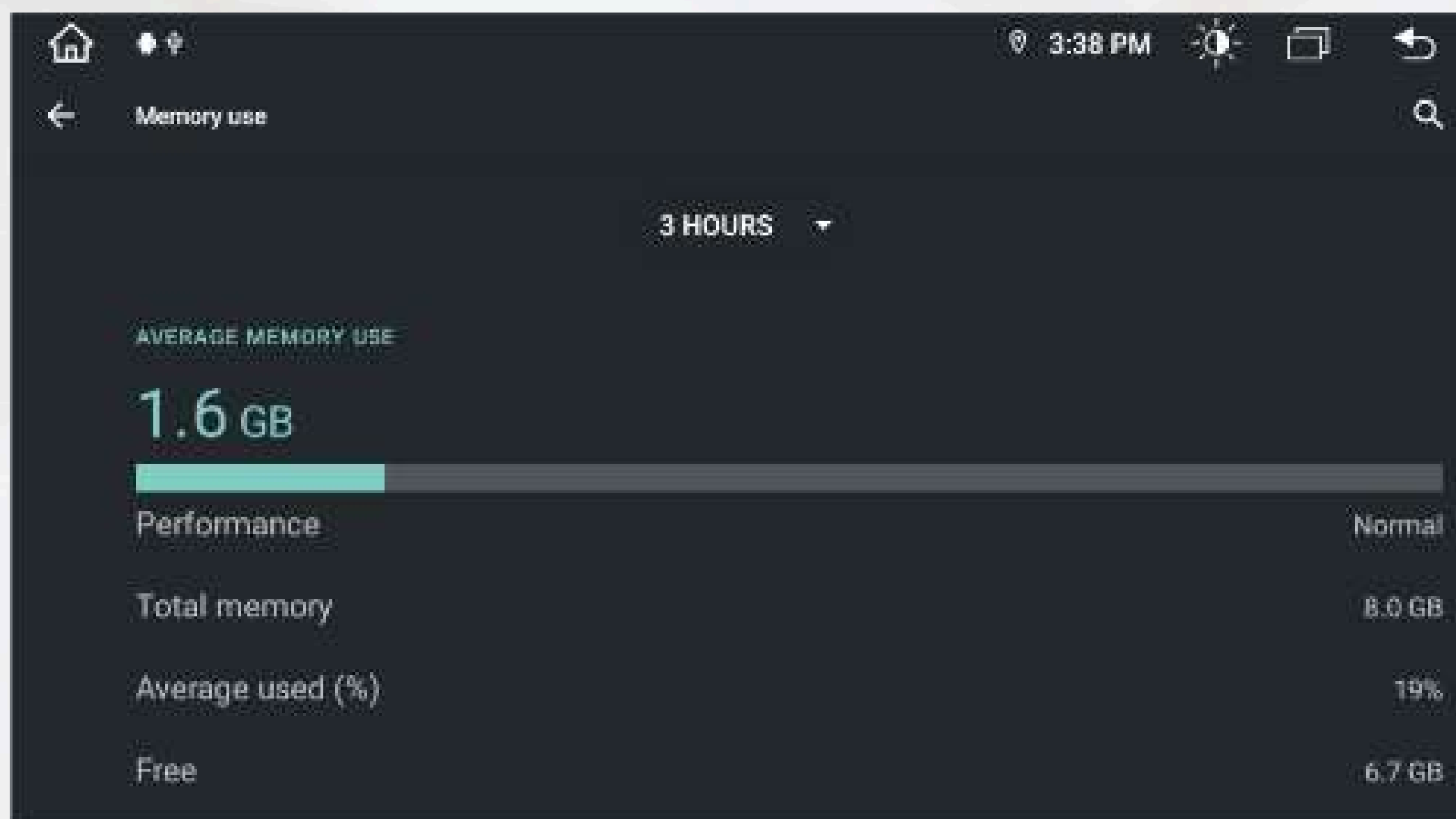
4. Storage

Monitor and manage the head unit's internal storage. This section helps you see how much space is being used and free up storage as needed.



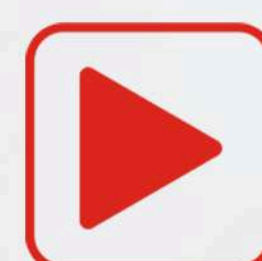
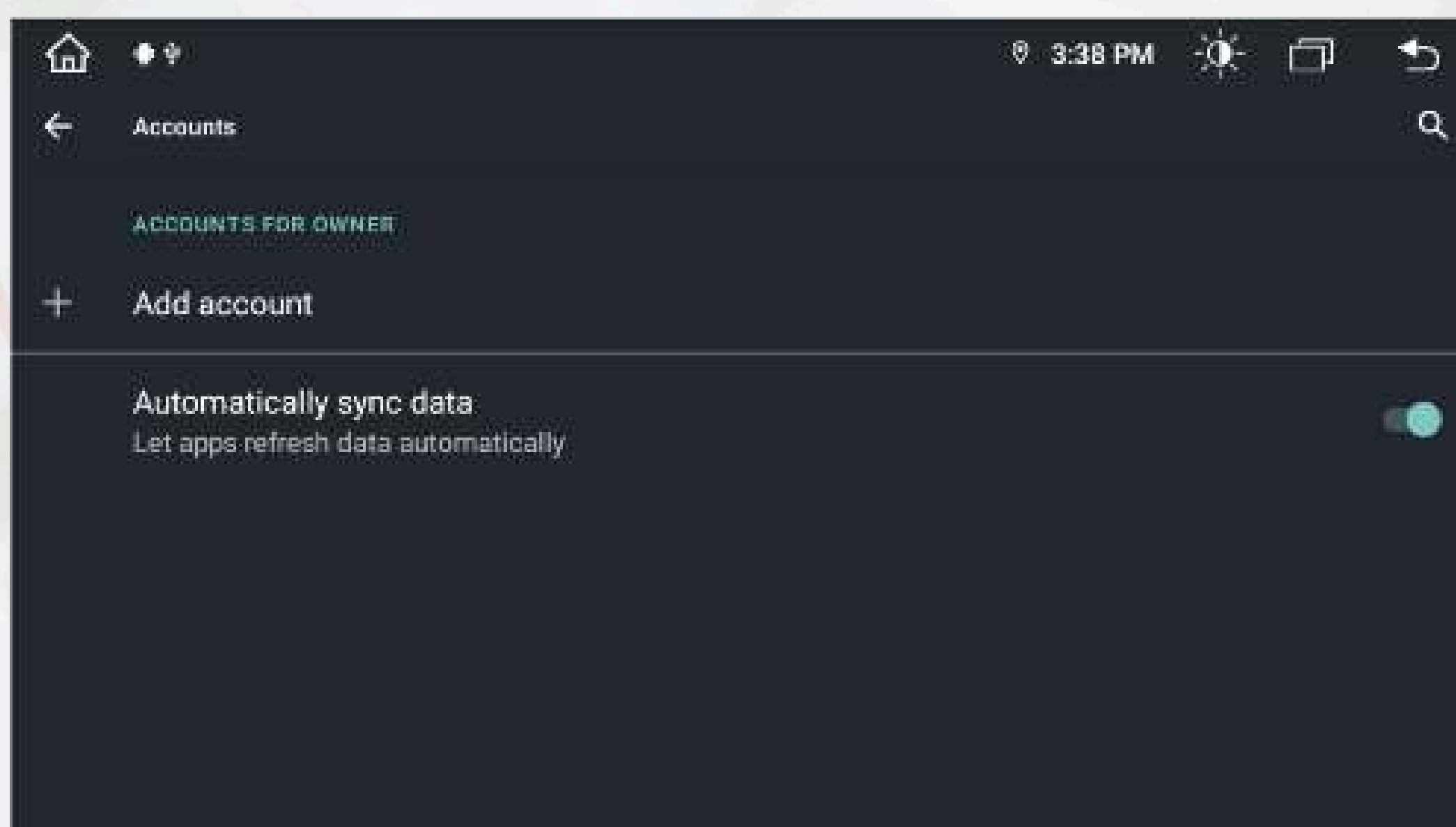
5. Memory

View and manage the head unit's RAM usage. This section shows how much memory is in use and available for apps and processes.



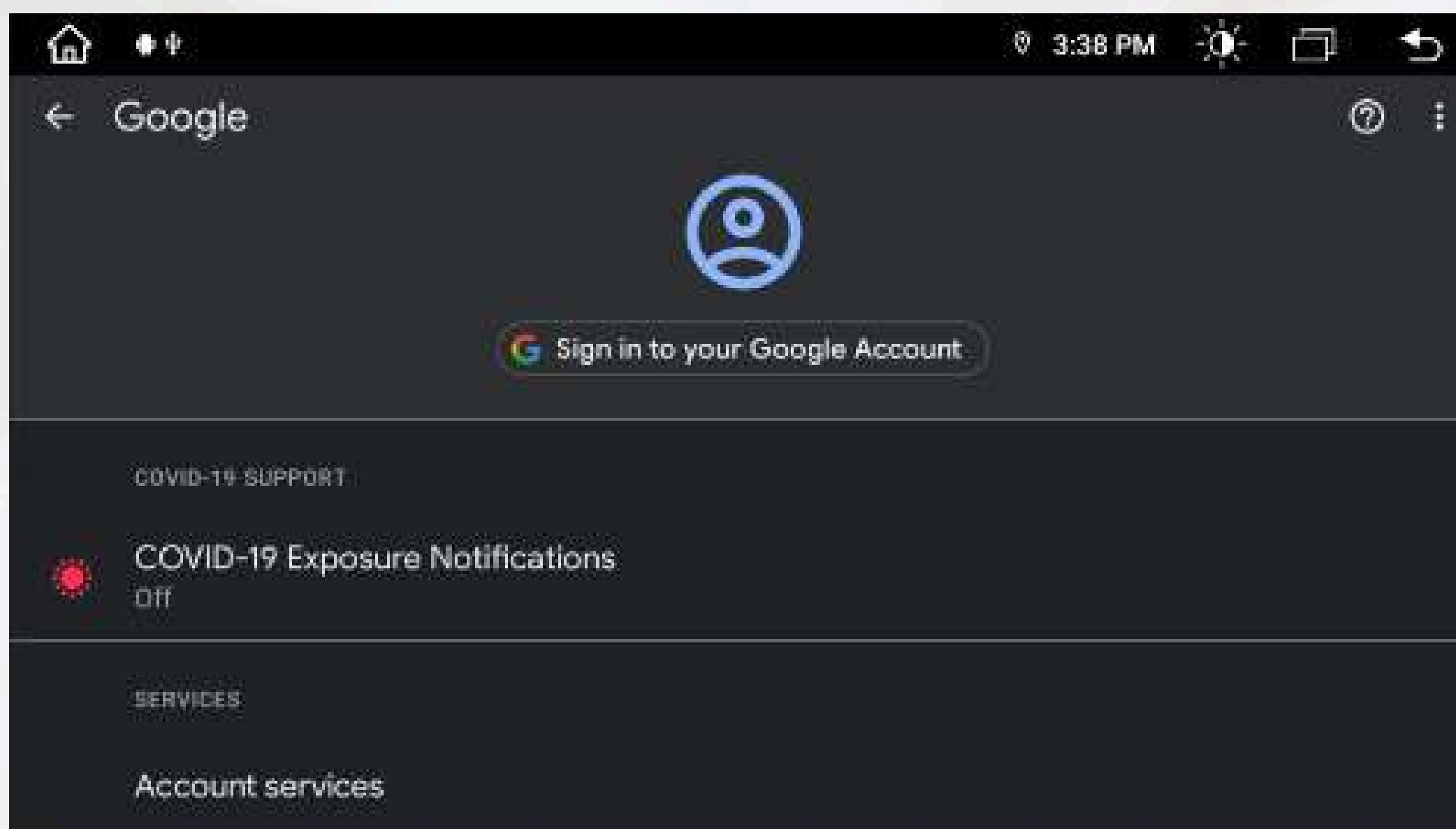
6. Accounts

Add, remove, and manage accounts like Google or other services linked to the head unit. This section handles account synchronisation settings as well.



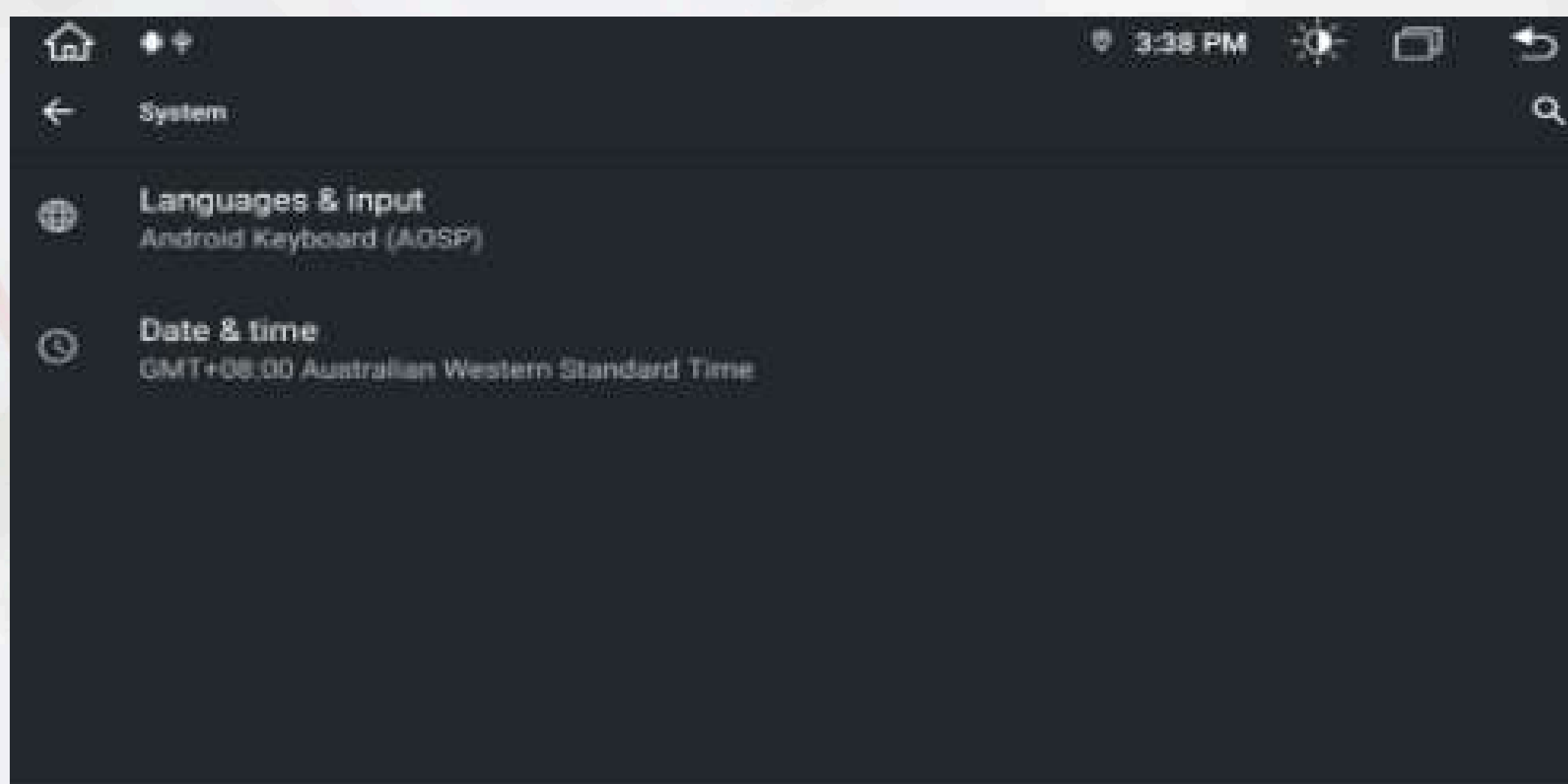
7. Google

Manage Google-specific settings for the head unit, including Google services, preferences, and account details.

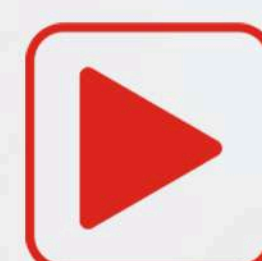


8. System

Adjust the core system settings like language, date, and time. This section ensures that the head unit's basic operations are tailored to your preferences.

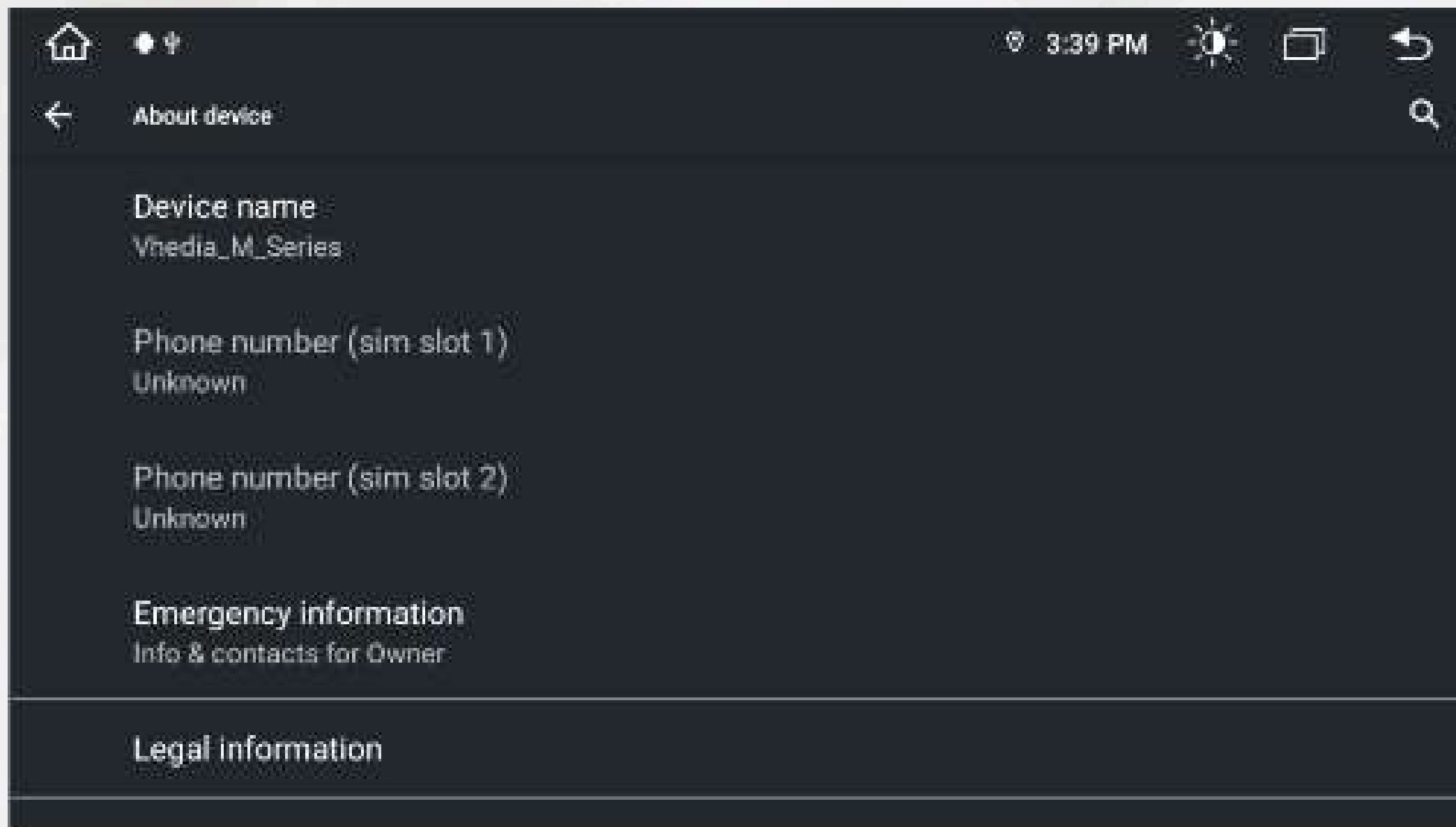


- Language: Set the system language.
- Date and Time: Configure date and time settings.



9. About Device

Provides detailed information about the head unit, including the Android OS version, custom build version, and hardware details like WiFi MAC and Bluetooth address.



UPDATING THE FIRMWARE

To ensure your VHEDIA head unit is running smoothly and with the latest features, it's important to keep the firmware up to date. Firmware updates can improve performance, add new functionalities, and fix any known issues. We highly recommend checking if your head unit has the latest firmware version installed. To do so, please visit our website at www.vhedia.com.au then navigate to the Downloads tab where you can download the latest firmware and find step-by-step instructions on how to update your device. For your convenience, we've also provided a QR code that you can scan with your mobile phone to be directed straight to the update page.



Keeping your firmware updated ensures the best possible experience with your VHEDIA head unit!

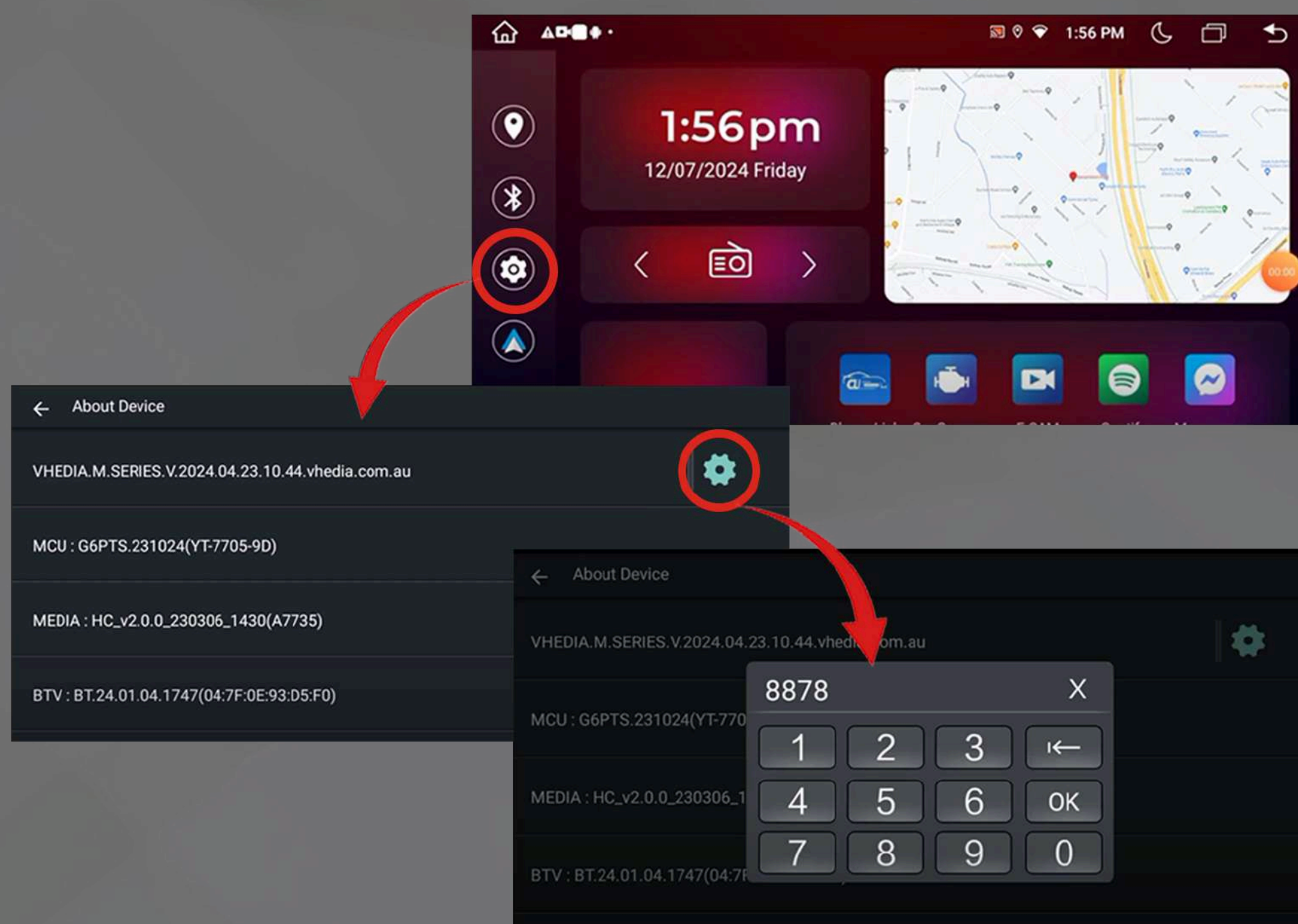




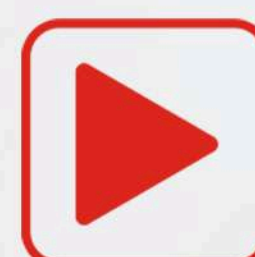
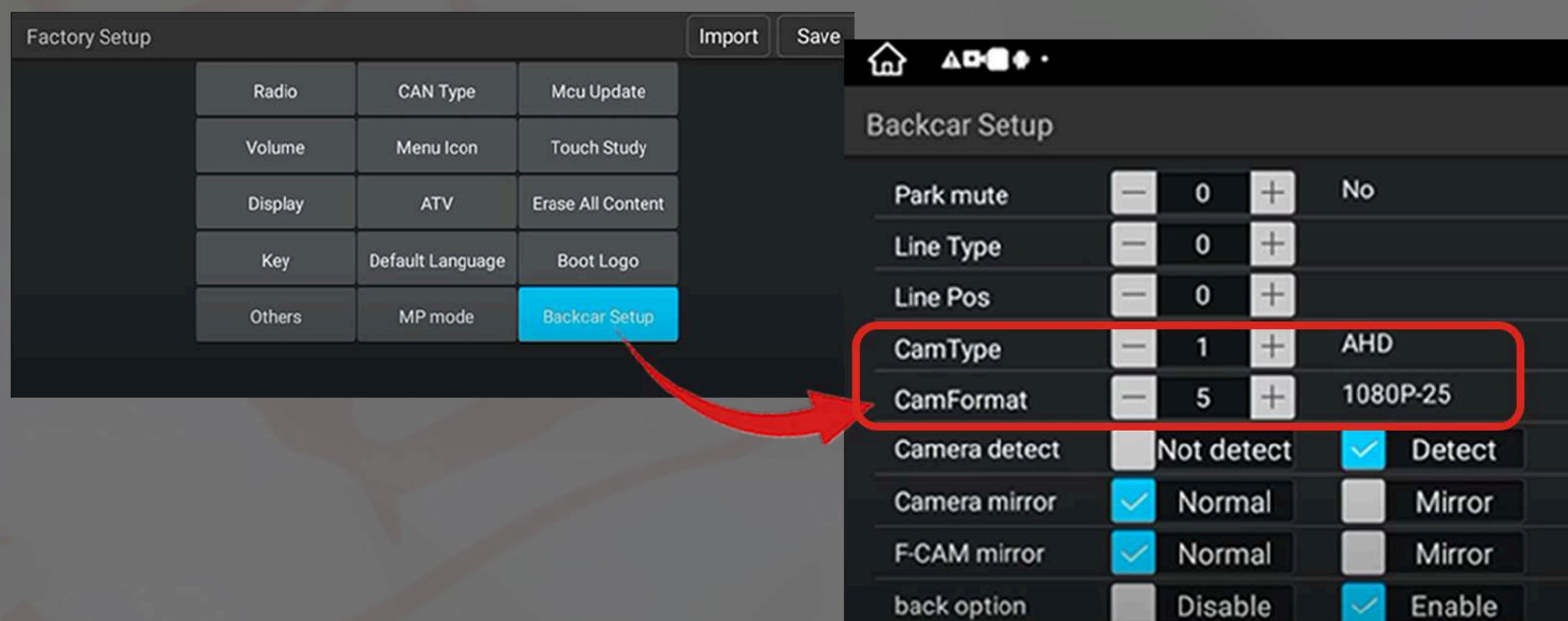
GUIDE ON SETTING FACTORY REVERSE CAMERA

Issue: When you go into reverse you get a black screen or the image does not look correct

1. On Head Unit click on Settings Icon - Car Infotainment - Scroll to bottom - About Device - Click on the Small Settings Icon in top right corner - Fill in Password 8878 - Click on Back Car Setup.



2. Now we need to set Cam Type and Cam Format:
Cam Type: 0 = CVBS (This will normally be the type for factory camera)
Cam Format 1 = MTSC (This will normally be the type for the factory camera)
This should work for most factory cameras. If it does not please try all settings.
Cam Type 1 = AHD
Cam Format 5 = 1080P-25

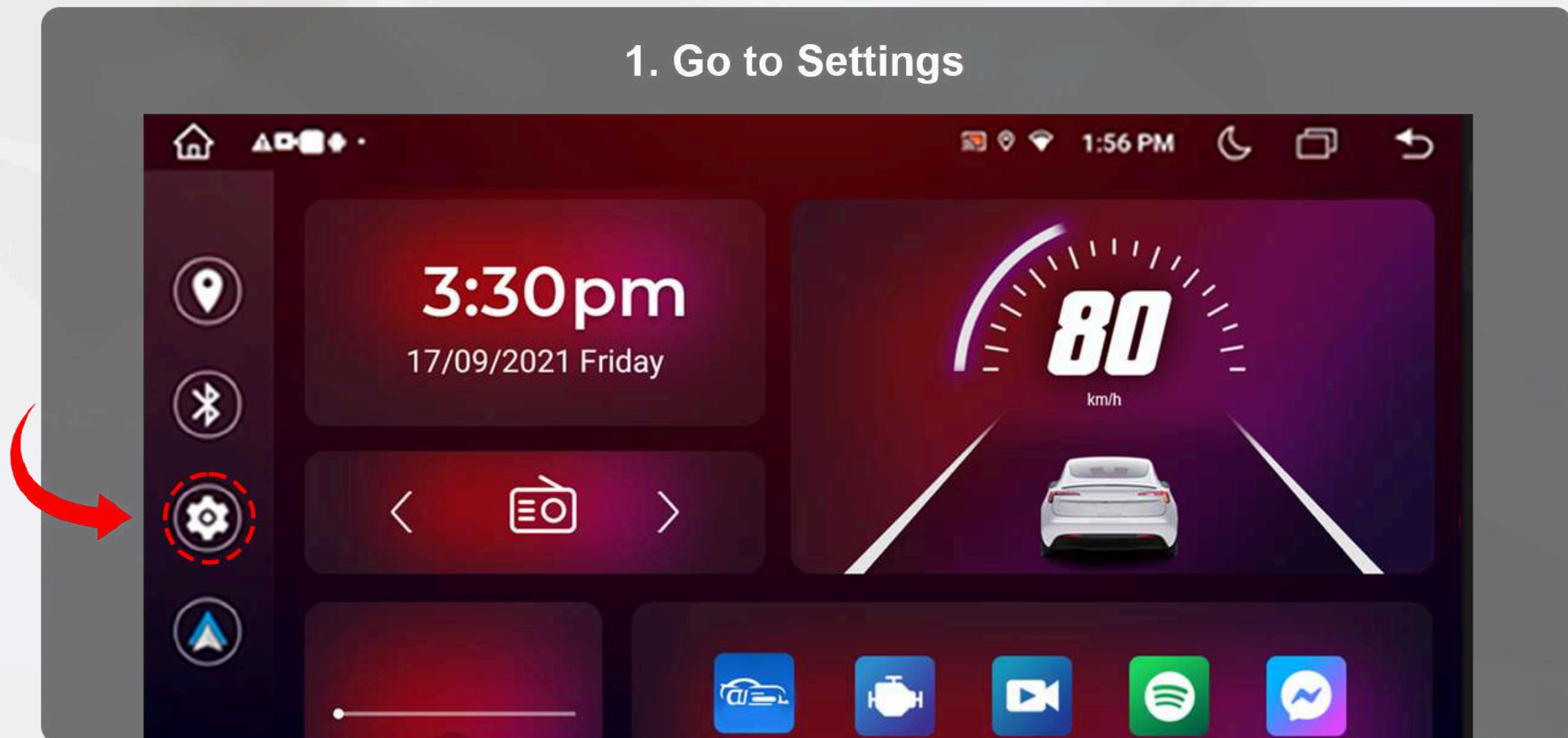




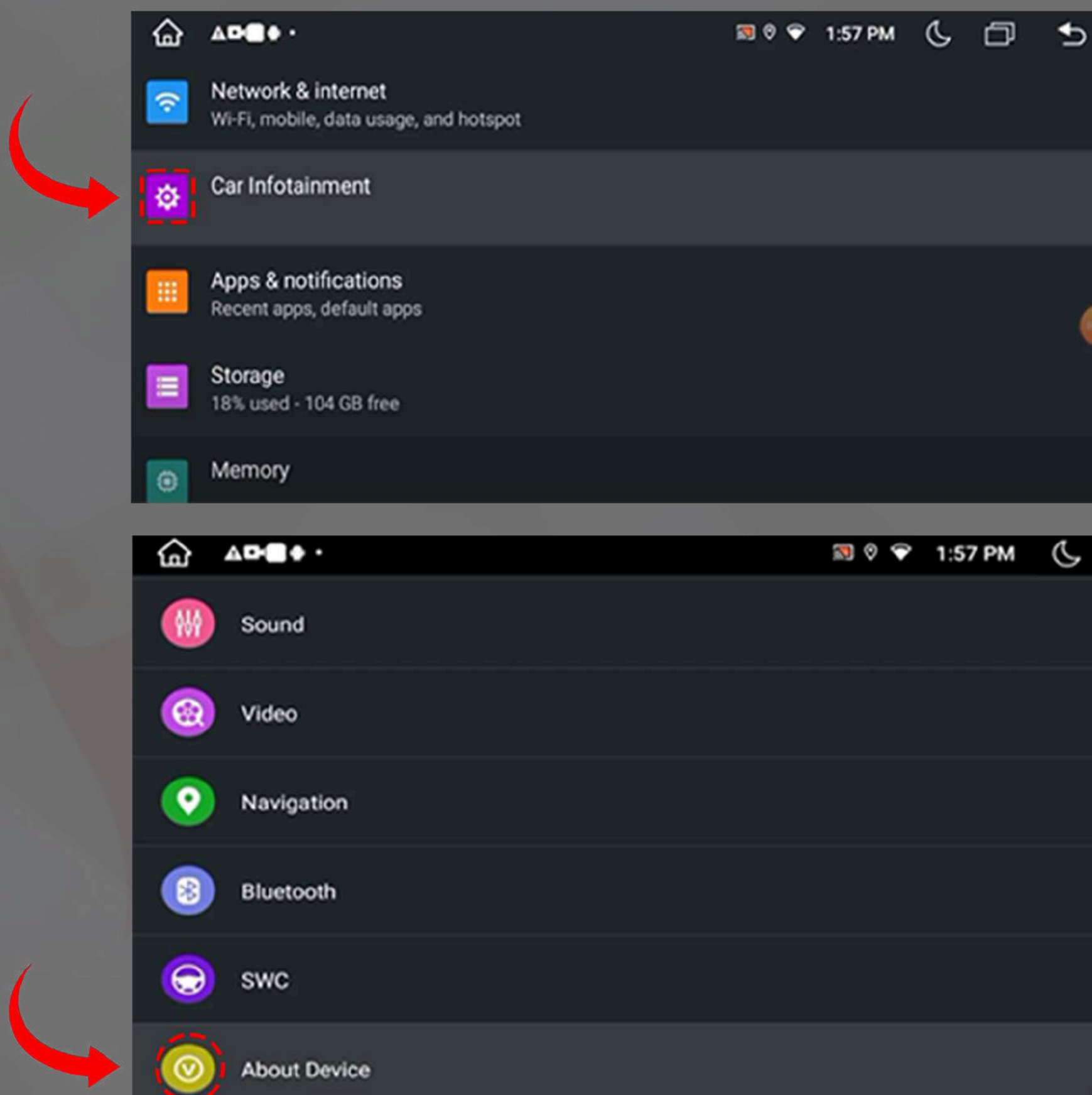
GUIDE ON SETTING VHEDIA REVERSE CAMERA

To make sure you will not encounter issues after installation of the VHEDIA reverse camera, please follow the steps below to configure the camera settings:

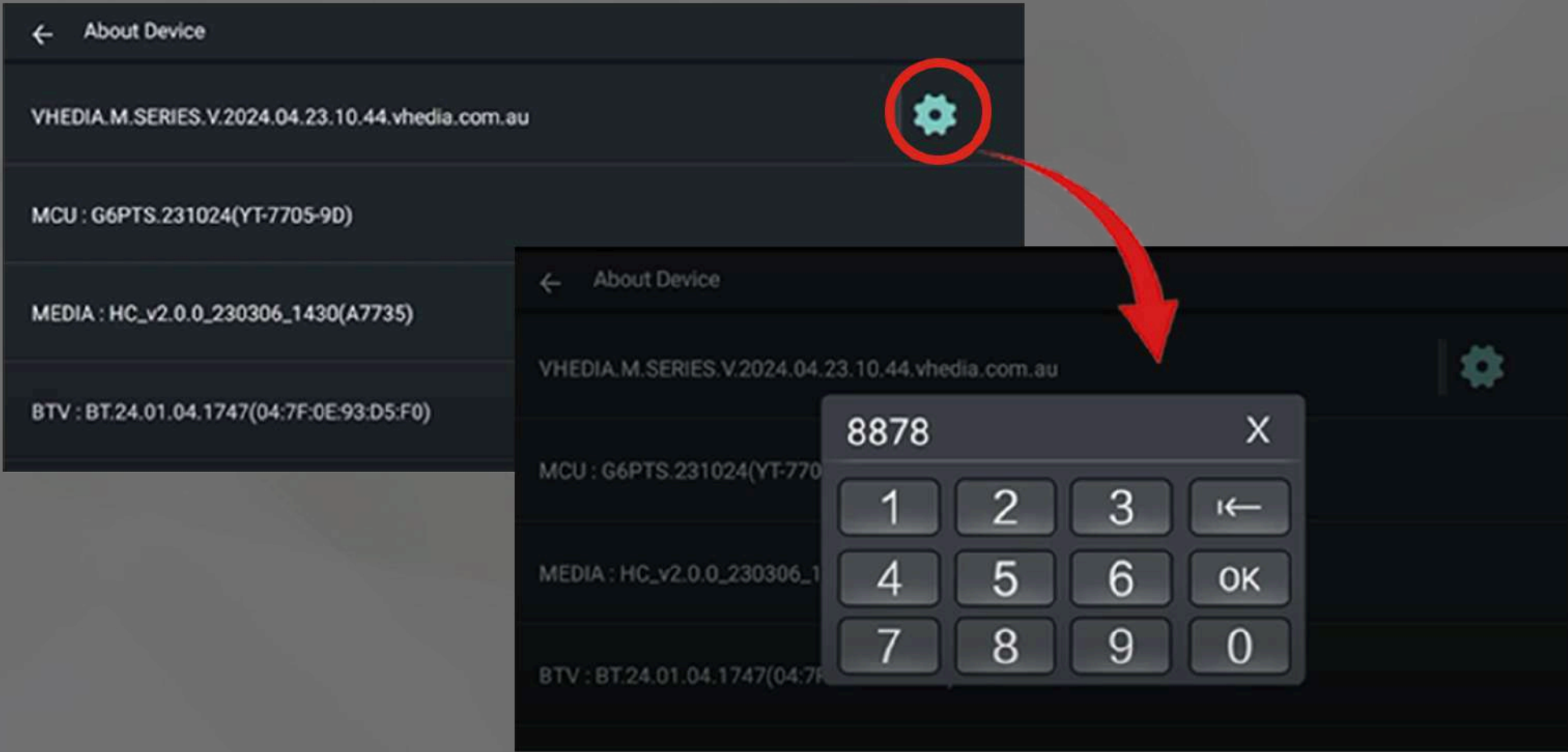
1. Go to Settings



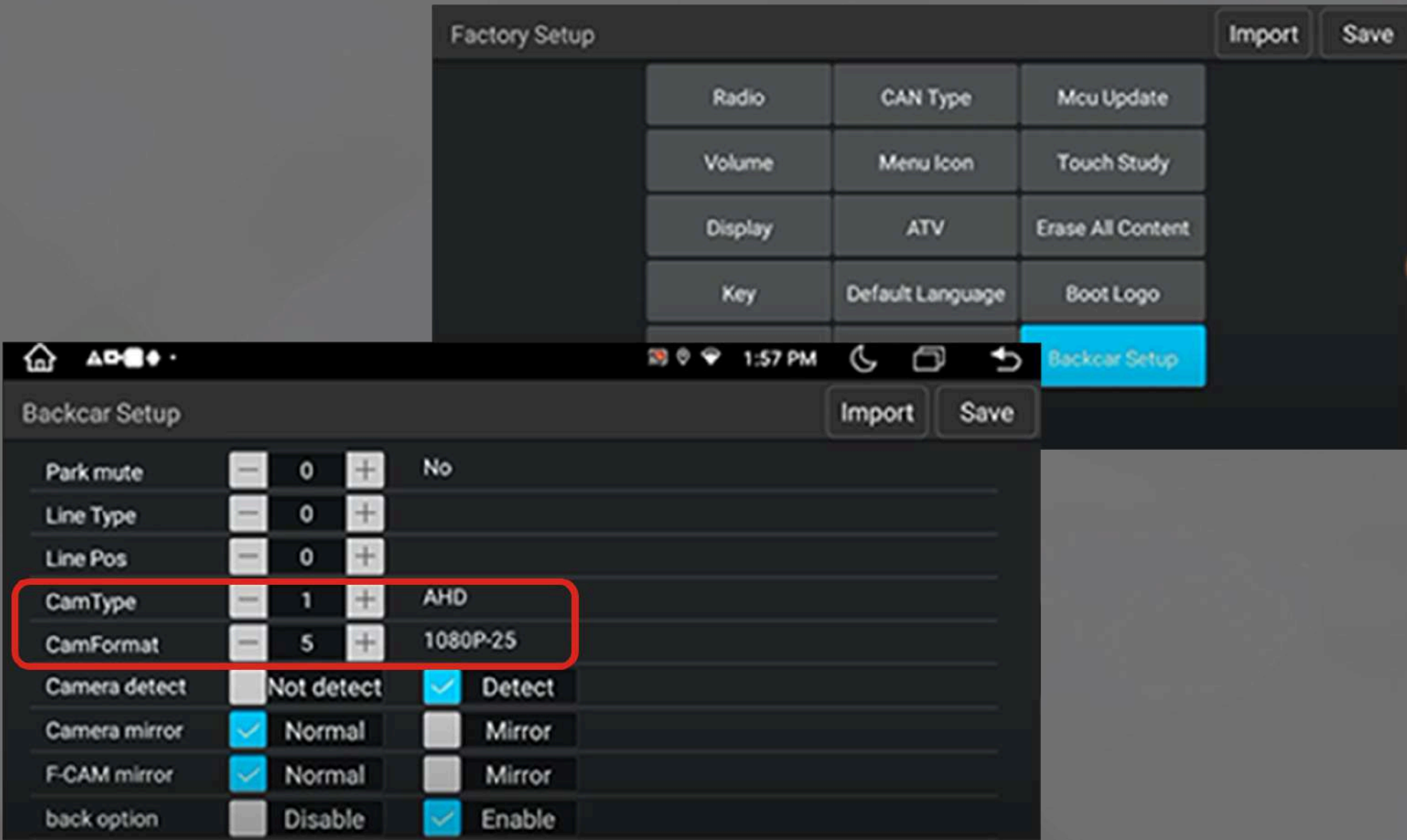
2. Select Car Infotainment > About Device



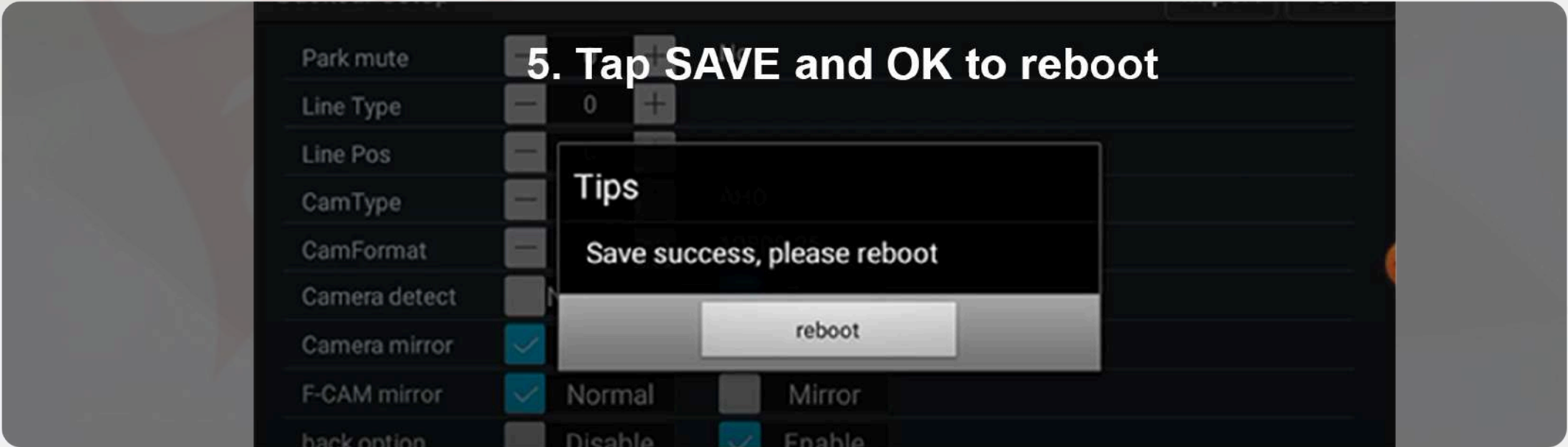
3. Tap the gear icon and enter Password: 8878



4. Configure the following settings:
Cam Type: Select (1 AHD)
Cam Format: Select 1080p - 25



5. Tap SAVE and OK to reboot



After the reboot, your reverse camera should start working correctly.
Note: If you are using a non-VHEDIA head unit, please refer to your factory unit's manufacturer instructions on how to change the camera settings.



RADIO FEATURE

The VHEDIA head unit allows you to save up to 18 radio stations for quick and easy access. Follow the steps below to save your preferred radio stations.

Scan for available Radio Stations

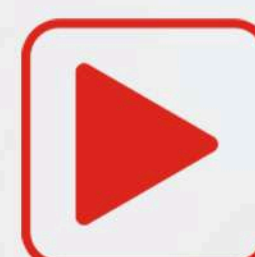
1. Turn on the Radio: Switch on your VHEDIA head unit and select either the FM or AM radio mode.
2. Use the scan or manual tuning buttons to find your desired radio station.

Manual Scan:

Tap the |< or >| icons on the Radio interface. The system will step through radio stations from low to high frequency until you find your desired channel.

NOTE

If your head unit includes a physical tuner knob, you can use it to manually search for radio frequencies or channels.



Automatic Scan:

Tap the magnifying glass icon on the Radio interface to initiate an automatic search for radio stations, starting from the lowest frequency and moving to the highest. To stop the search at any point, tap the magnifying glass icon again



Wait until the scanning process is complete. The scanned stations will then be automatically saved to the presets.



Saving the Station Manually

1. Select a Preset Box: Once you've found the station, choose one of the preset boxes from P1 to P6. These preset boxes are displayed on the screen.
2. Press: Press the desired preset box (P1 to P6) and it will save the station you chose.

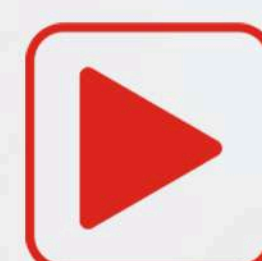


Save More Stations

1. Switch Segments: To save more than 6 stations, you need to switch the segment. Your head unit can display 6 stations at a time and has 3 segments for both FM and AM, labelled as FM1, FM2, FM3, and AM1, AM2, AM3.
2. Press FM or AM Button: Press the FM or AM button to switch between segments. The icon will change to indicate the current segment (FM1, FM2, FM3, or AM1, AM2, AM3).
3. Repeat the Save Process: Tune to your next preferred station and save it to the desired preset box in the new segment by following Step 2.

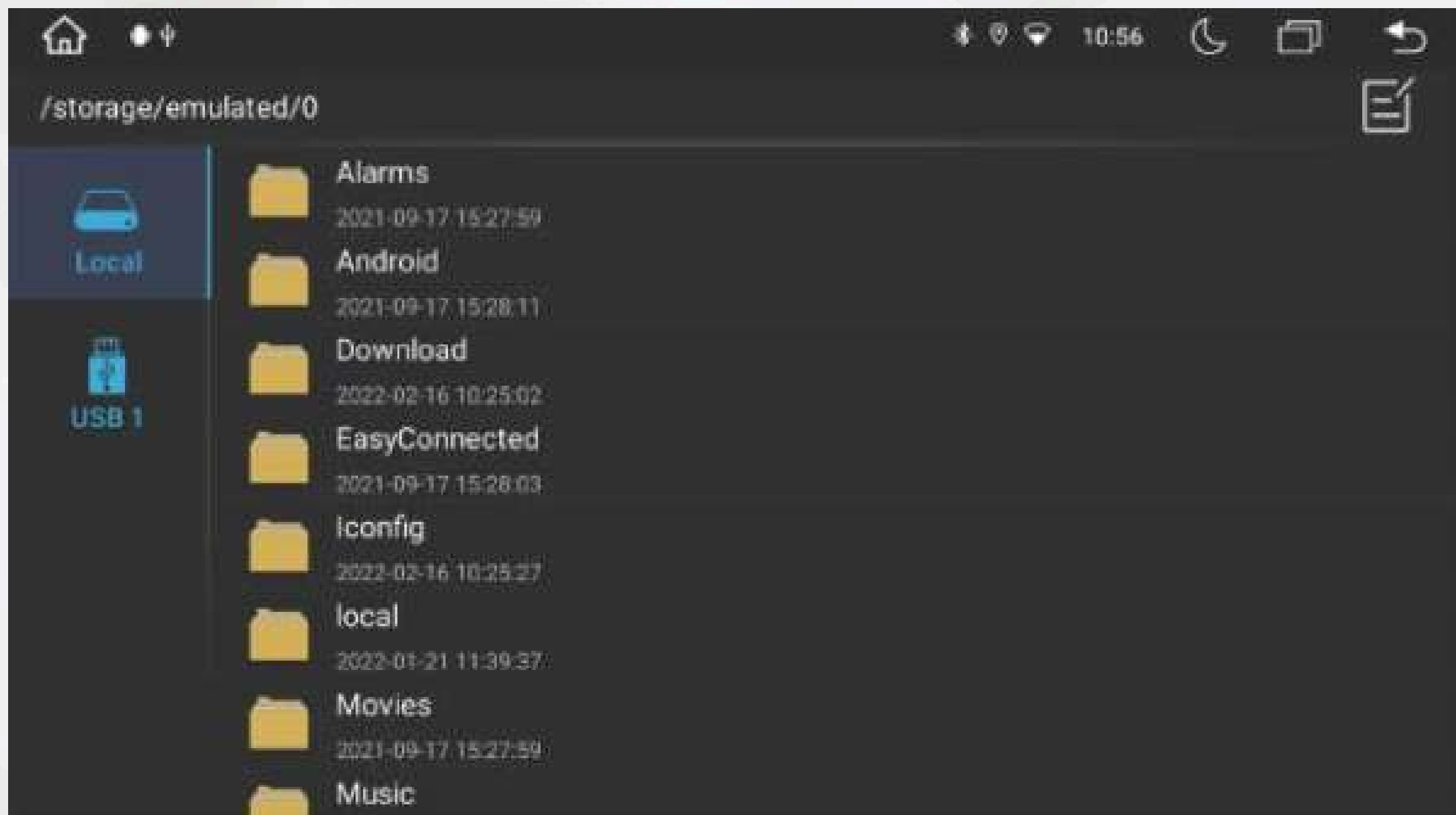
Accessing Saved Stations

1. Select Segment: Press the FM or AM button to select the segment (FM1, FM2, FM3, or AM1, AM2, AM3) where the station is saved.
2. Choose Preset: Tap the preset box (P1 to P6) that corresponds to the saved station you want to listen to.



FILE MANAGEMENT

Search **FileExplorer** from the head unit's app menu



Tap the ✓ icon to select a file/s.

Tap the 📄 copy icon to copy a file/s.

Tap the 📄 paste icon to paste the copied file/s.

Tap the 🗑️ trash icon to delete files

NOTE

You can copy and paste files from internal storage to the external one or vice-versa. Simply copy the files first from the internal storage, then tap USB 1 or USB 2 on the left menu of the File Explorer, locate where you want to paste the files and paste it.



ADDITIONAL FEATURES

1. OBD2 Scanner (included in the package)

NOTE

Needs to be compatible with OB2. Generally this is most cars from 2006 onwards.

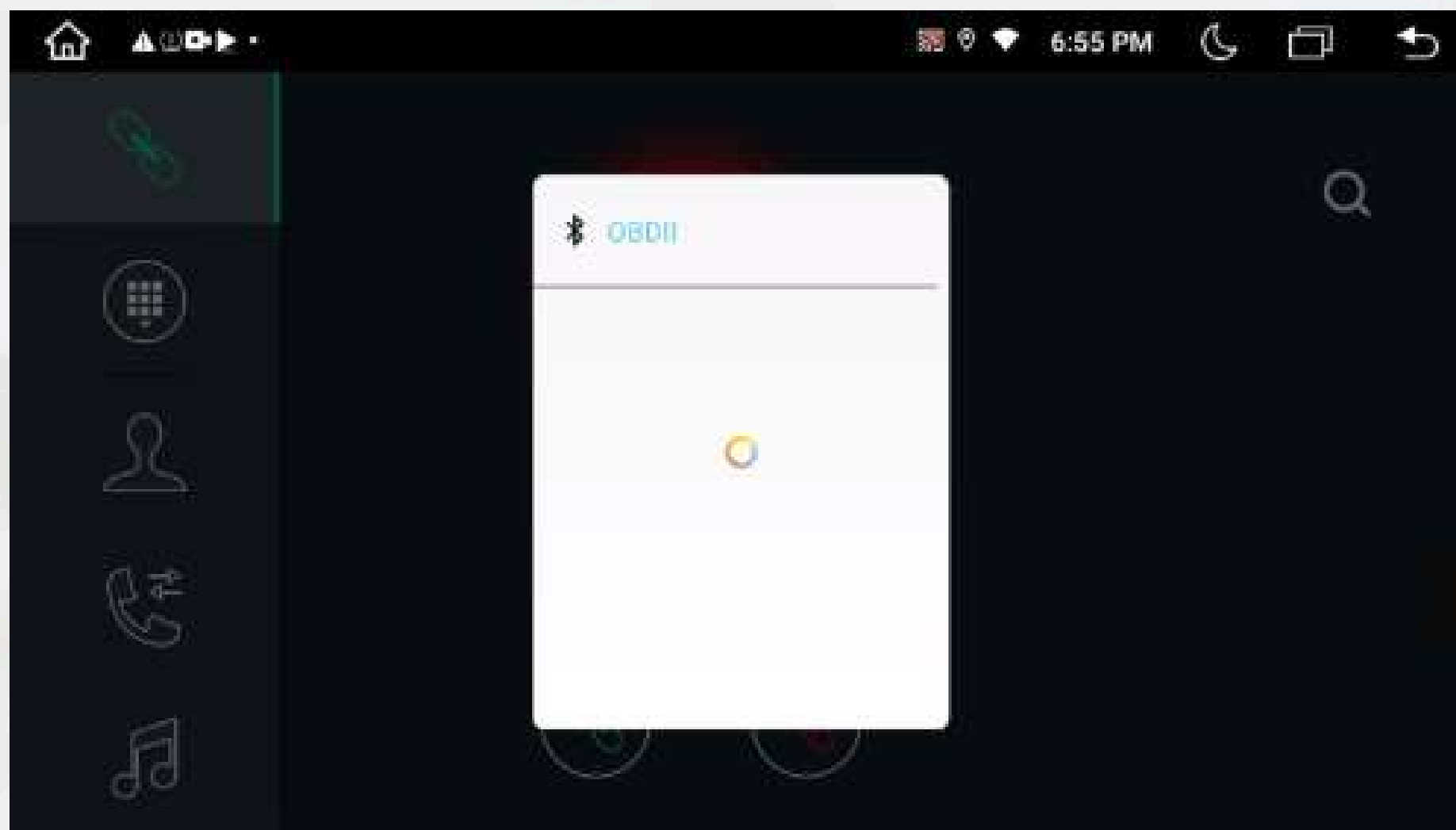
All VHEDIA head units come with a complimentary OBD2 Scan Tool, which can be connected to the head unit to access vehicle information and troubleshoot diagnostic codes directly.

A. Connect the OBD2 Scan Tool: Begin by plugging the OBD2 Scan Tool into your vehicle's OBD2 port. This port is typically located beneath the dashboard, under the steering column, or just above the pedals.

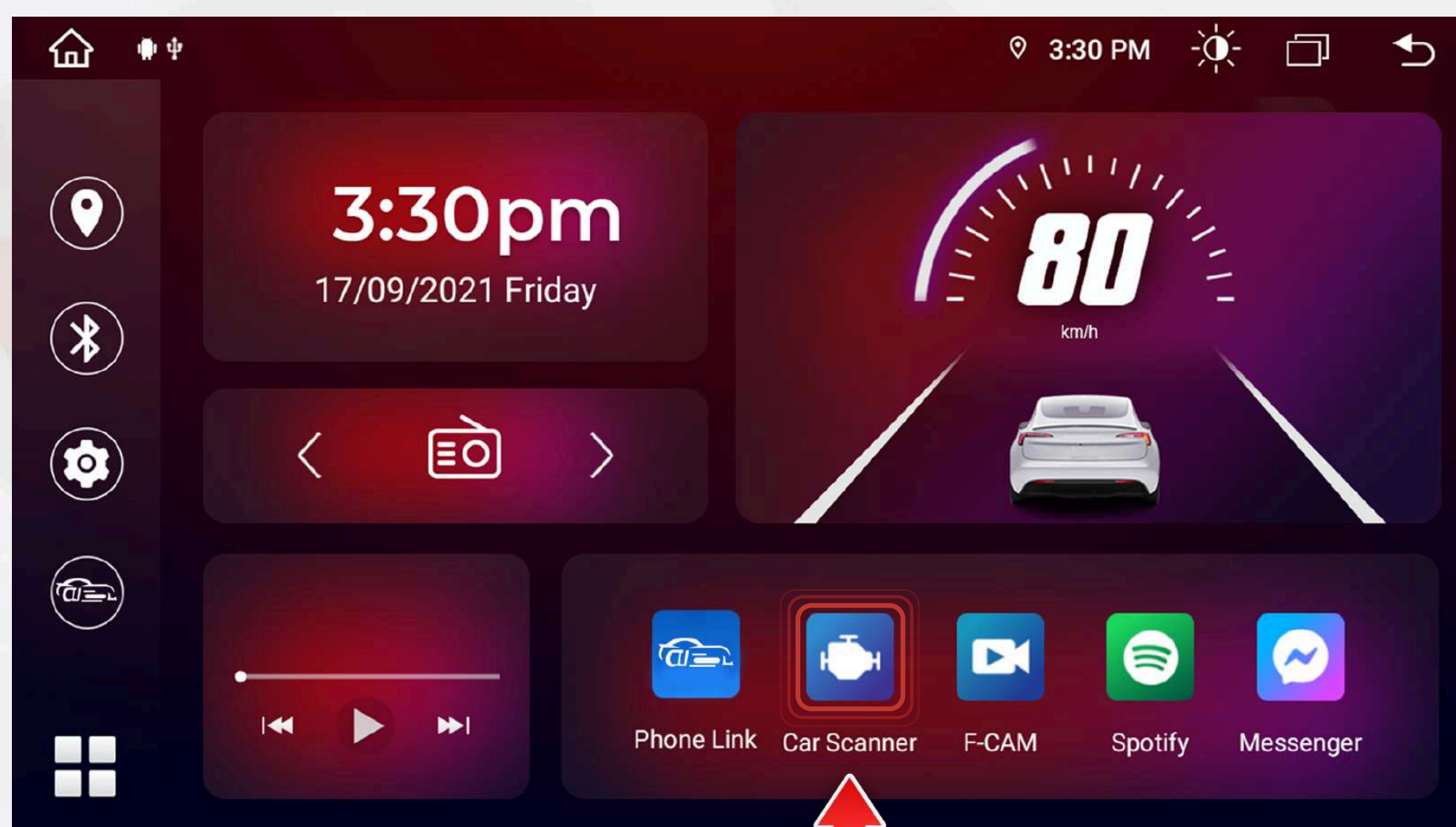


B. Pair with the Head Unit: Once the OBD2 Scan Tool is connected, enable Bluetooth on your VHEDIA head unit and pair it with the OBD2 device (refer to page ___ for Bluetooth connection instructions). When prompted, enter the Bluetooth password: 1234.





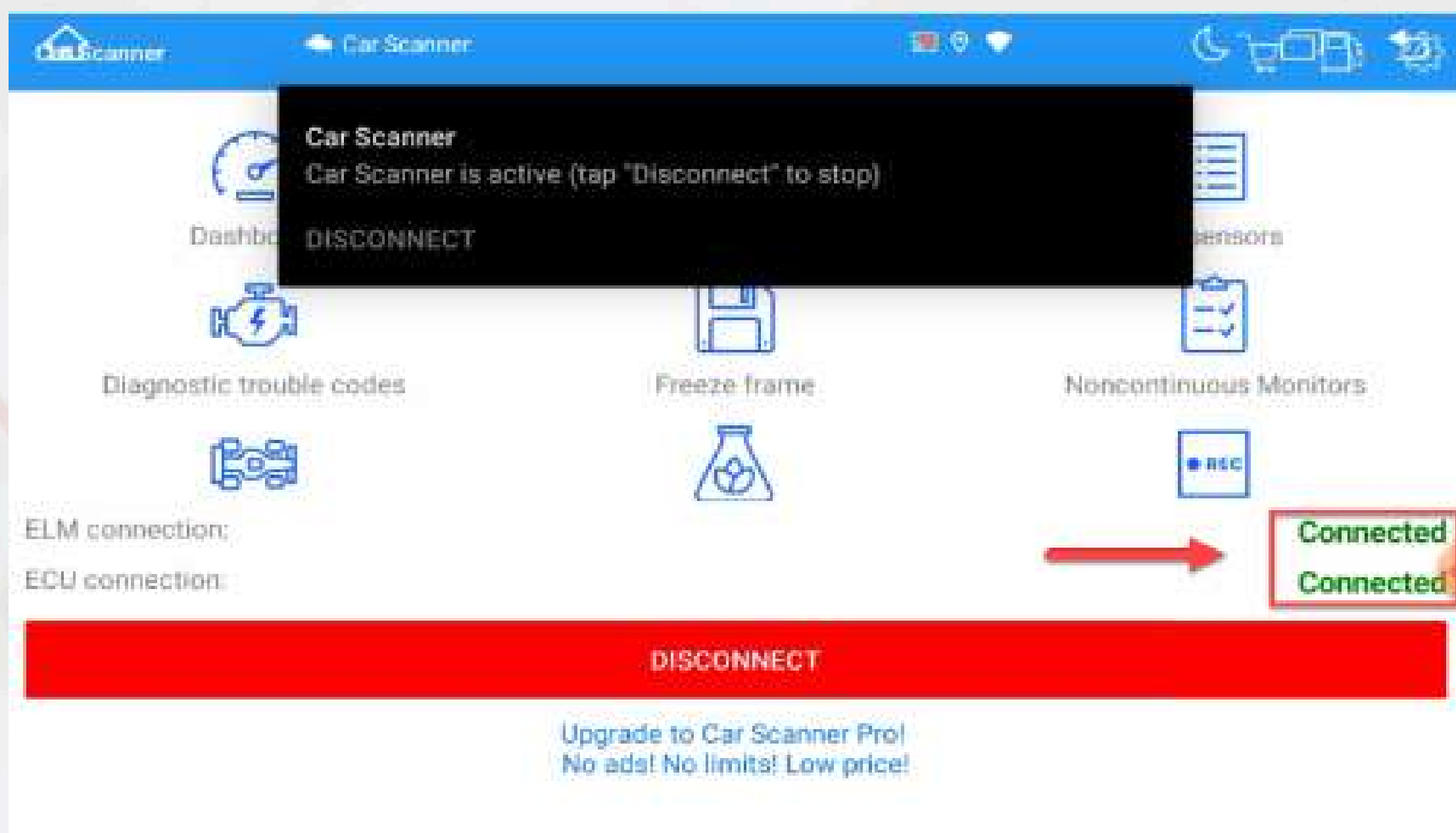
C. Launch the CAR SCANNER App: Open the Car Scanner app on your head unit. If it is your first time using the app, it will ask you to select your language preference, agree to the terms and conditions, and input your vehicle details.



D. Establish the Connection: Tap the "Connect" button within the Car Scanner app. Wait for the connection to be established; a "Connected" message will appear once the connection is successful.



E. Explore the App's Features: After successfully connecting, you can begin using the app to explore its features and access a wide range of diagnostic information about your vehicle.



2. SIM CARD (3G/4G) (SIM Card is not included in the package)

The VHEDIA M Series Head Unit is equipped with a built-in 4G module, allowing your head unit to function like a mobile phone. By inserting a SIM card into the unit, you can enable its own internet connection, make calls, and send texts directly from the head unit.

Internet Sharing: Once connected to the 4G network, you can share the internet connection from your head unit via the Hotspot feature. This allows other devices to connect to the internet through your head unit.

Phone Calls and Text Messages: The head unit also allows you to receive incoming calls and texts. Notifications will appear on your screen, and you can interact with them directly, just like on a regular smartphone.



HOW TO SET UP SIM CARD FEATURE

How to set up SIM card feature

1. Locate the 4G Antenna: Find the 4G antenna in your VHEDIA kit. This will be needed to establish a cellular connection.



2. Insert the SIM Card: Gently insert your SIM card into the slot on the 4G antenna.



3. Connect the Antenna: Plug the 4G antenna into the designated port on the head unit.



4. Check the Connection: Once the SIM card is inserted and the antenna is connected, wait for the 4G icon to appear in the notification bar at the top of the screen. This indicates that the head unit has successfully connected to the mobile network.



Scan the QR code below and watch how to set up a SIM card on your VHEDIA head unit:



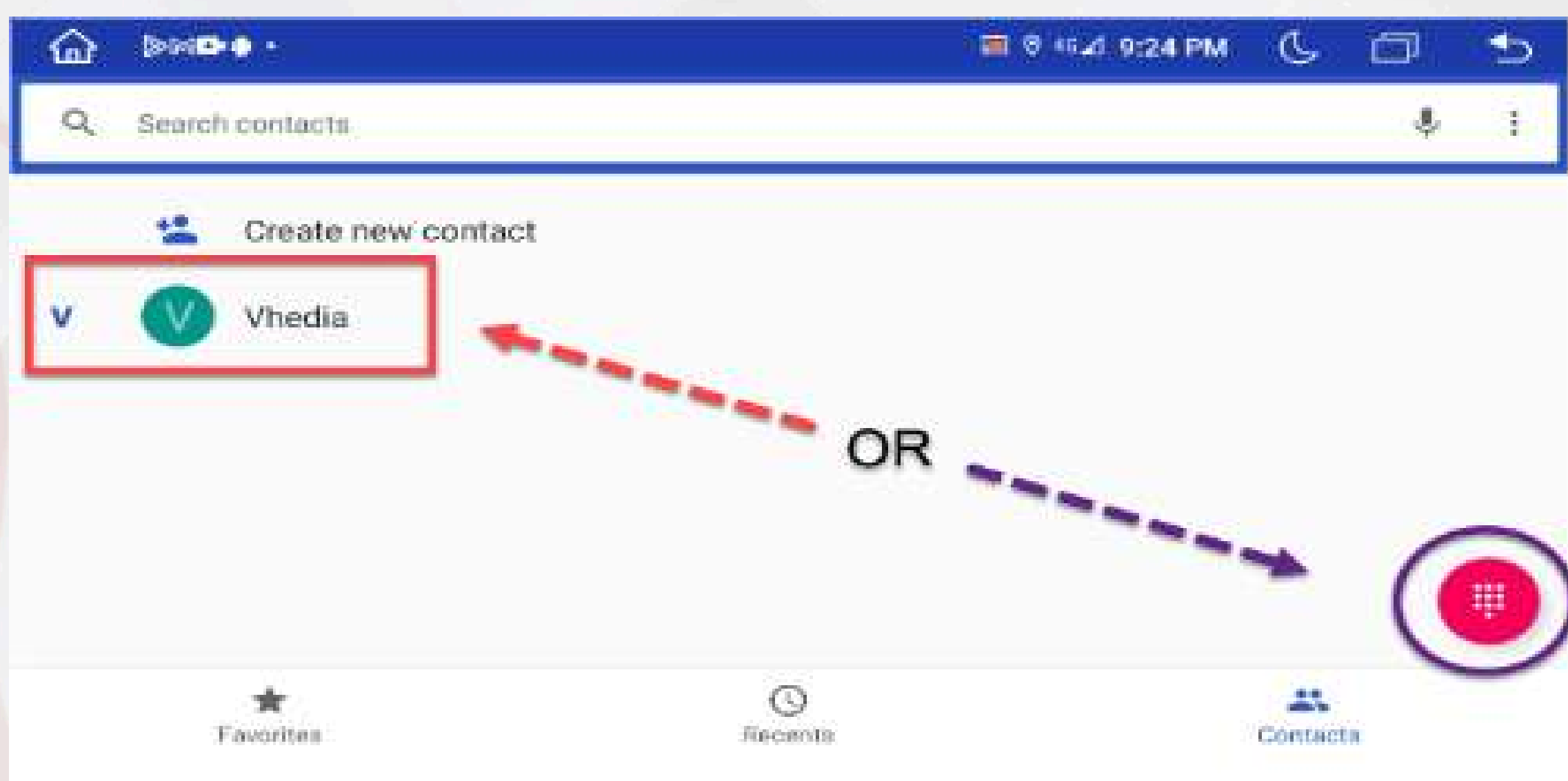
HOW TO MAKE CALLS AND SEND TEXTS

1. Making a Call:

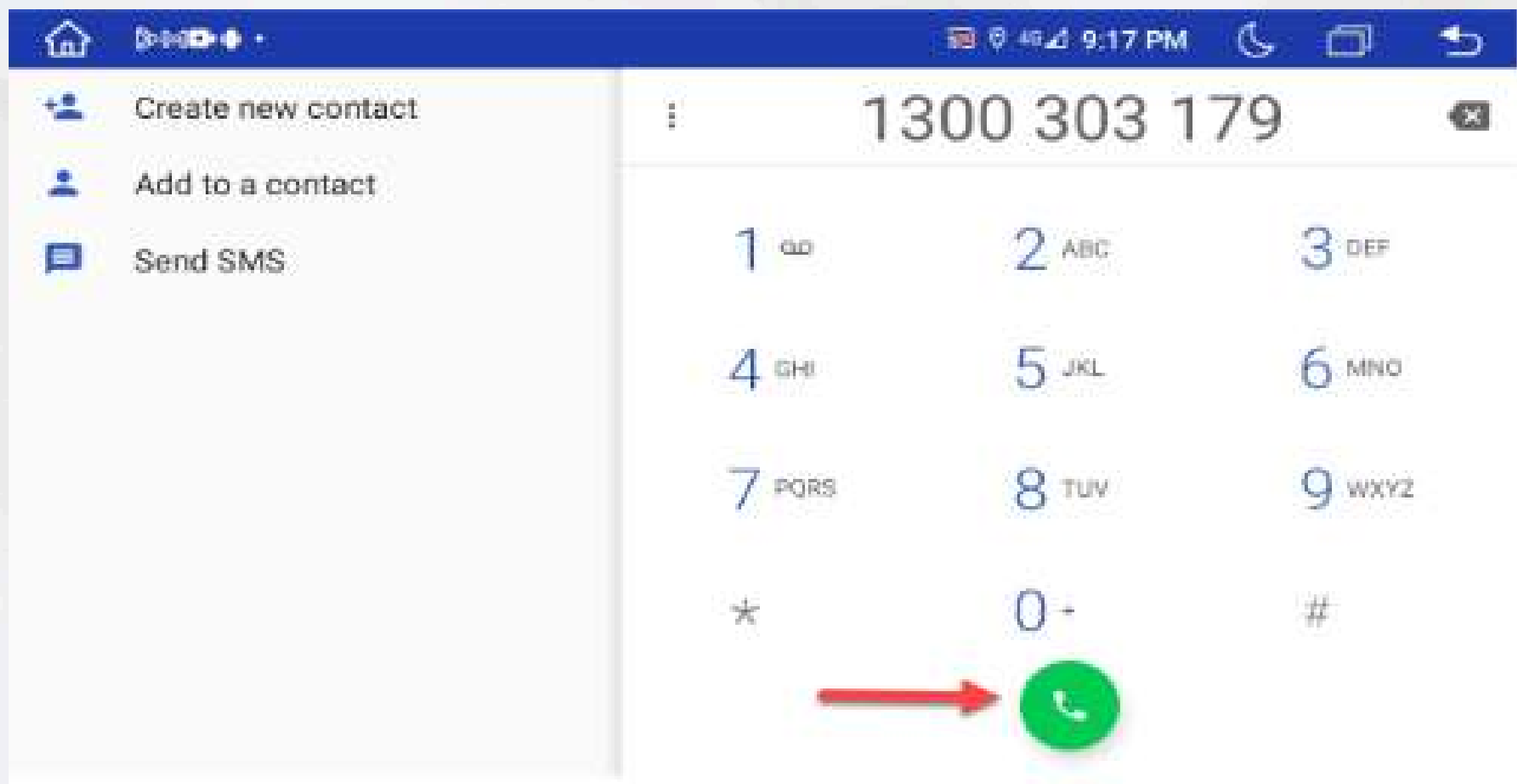
- Open the Phone app on your VHEDIA head unit.



- Use the keypad to dial the desired number or select a contact from your address book.



- Press the call button to initiate the call. You will hear the call ringing through the head unit's speakers.

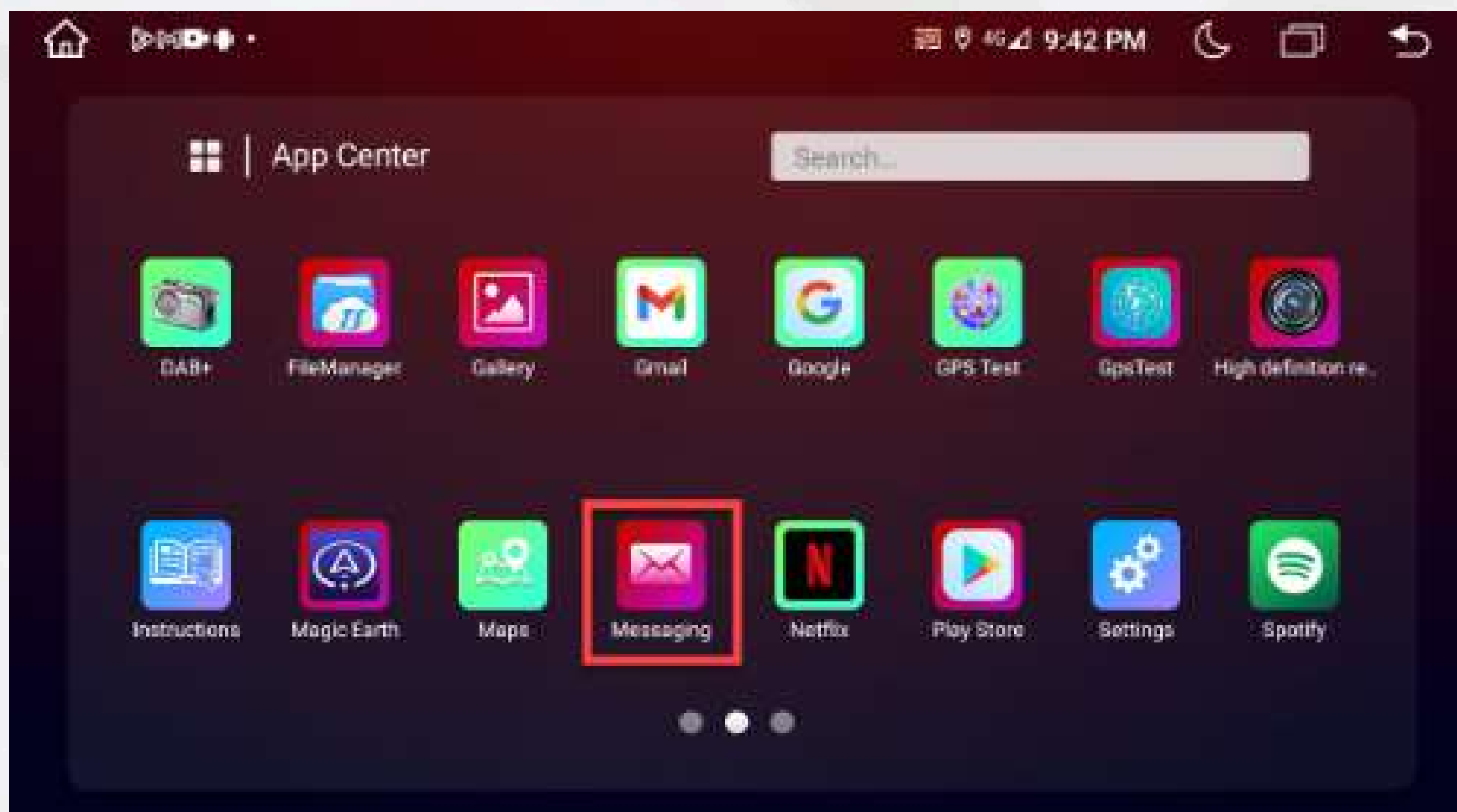


- To end the call, tap the red hang-up button.

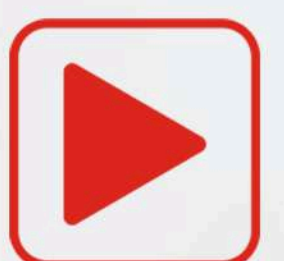
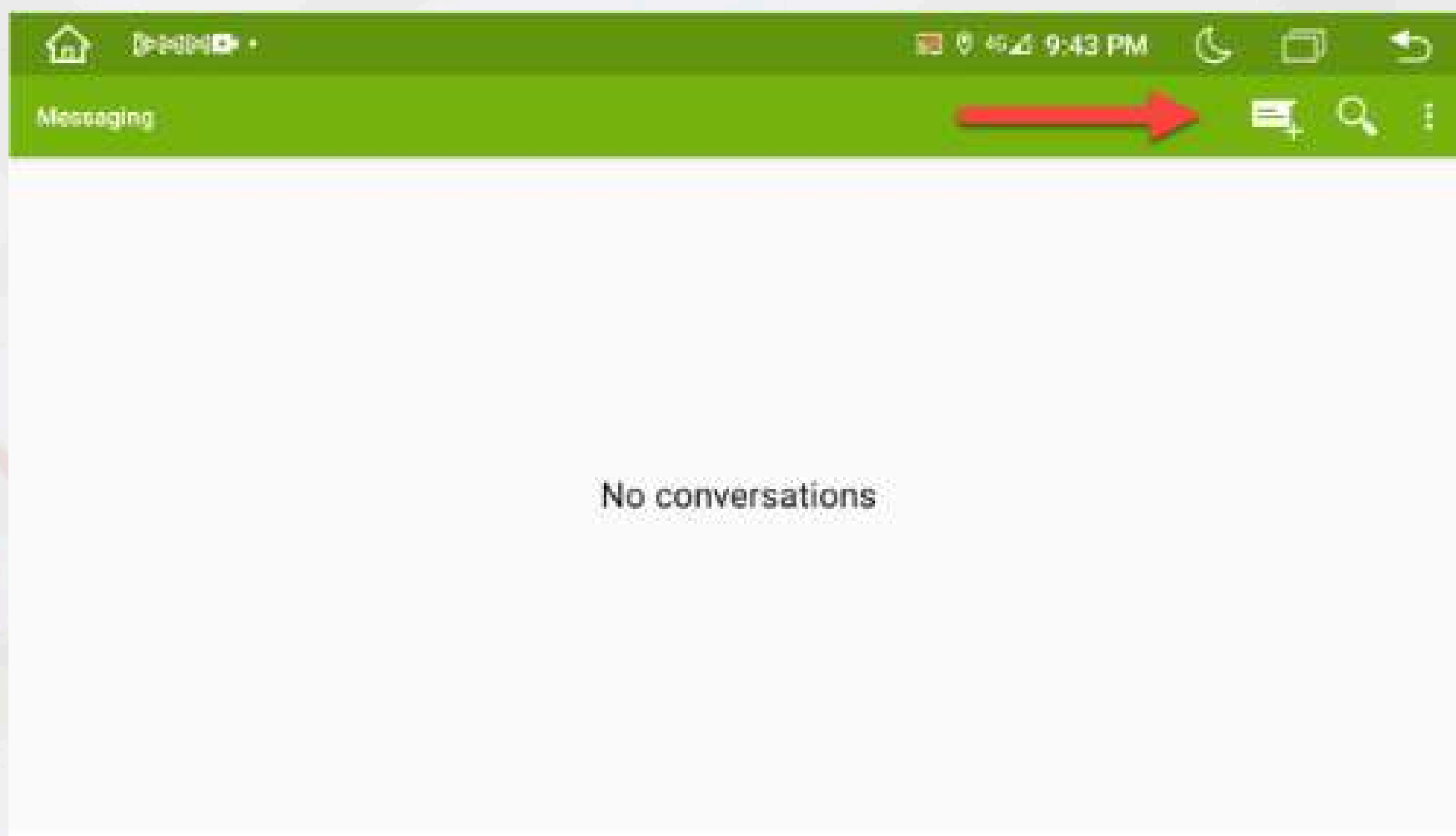


2. Sending a Text Message:

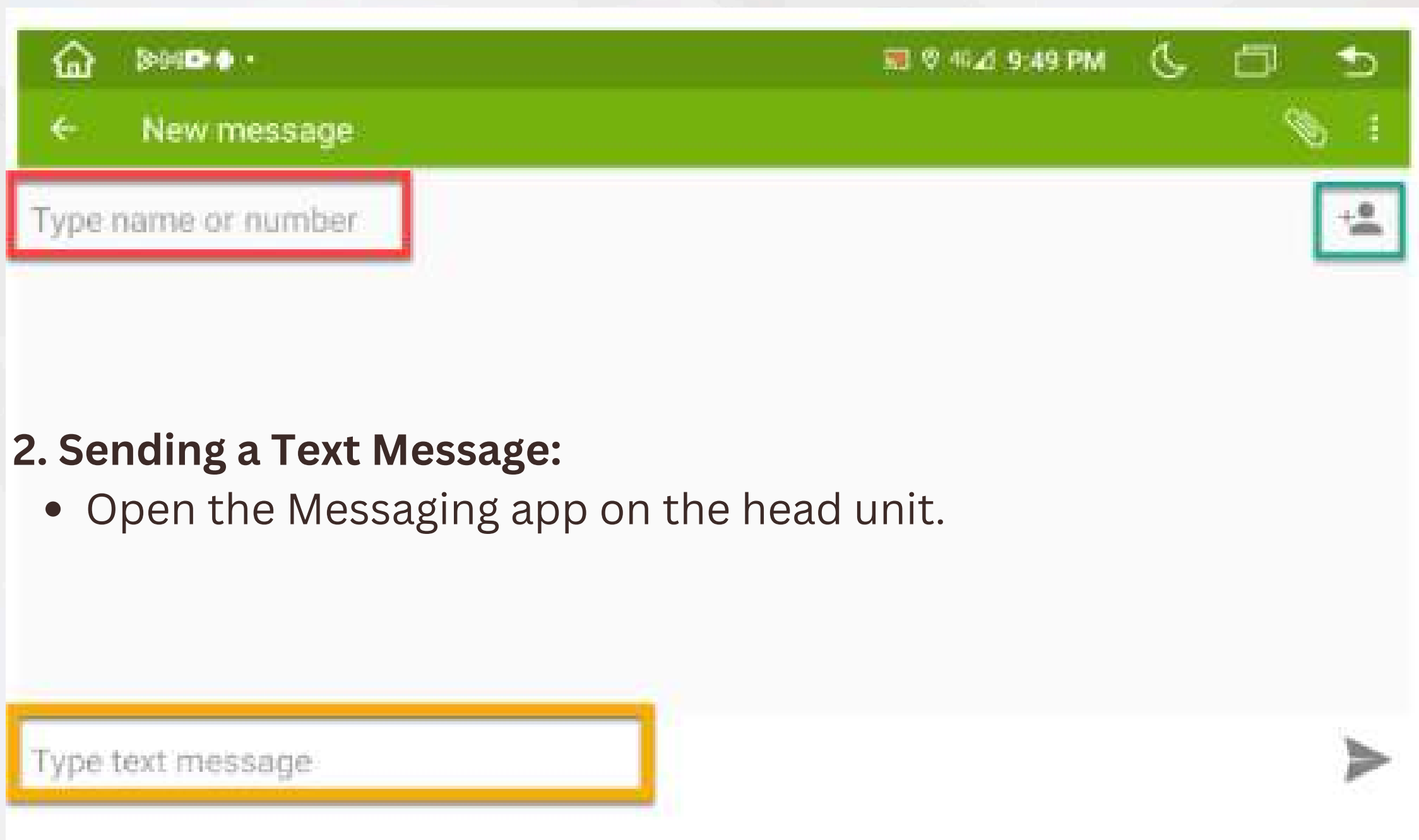
- Open the Messaging app on the head unit.



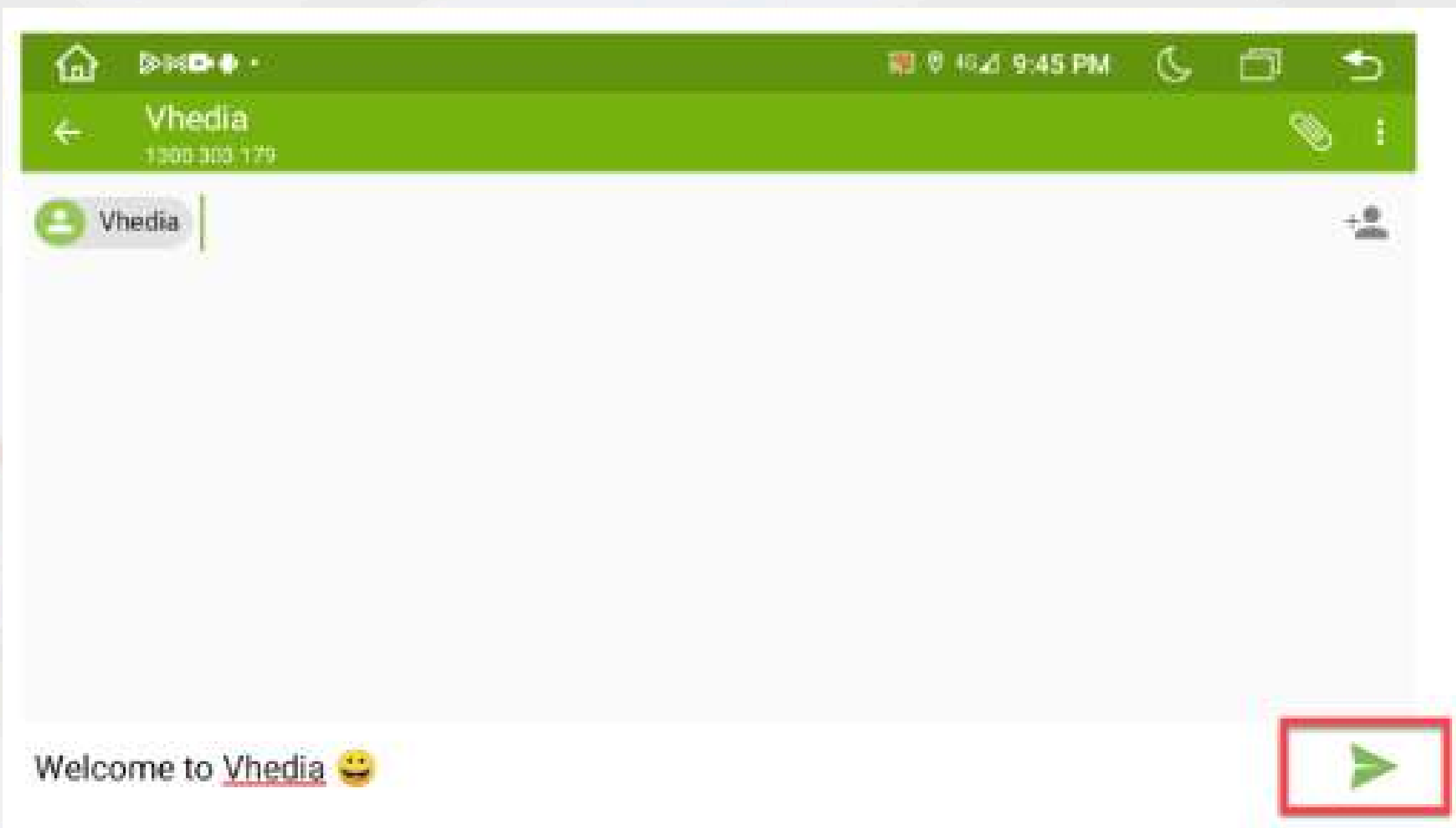
- Tap the compose button to start a new message.



- Enter the recipient's phone number or select a contact from your address book. Type your message in the provided text box.

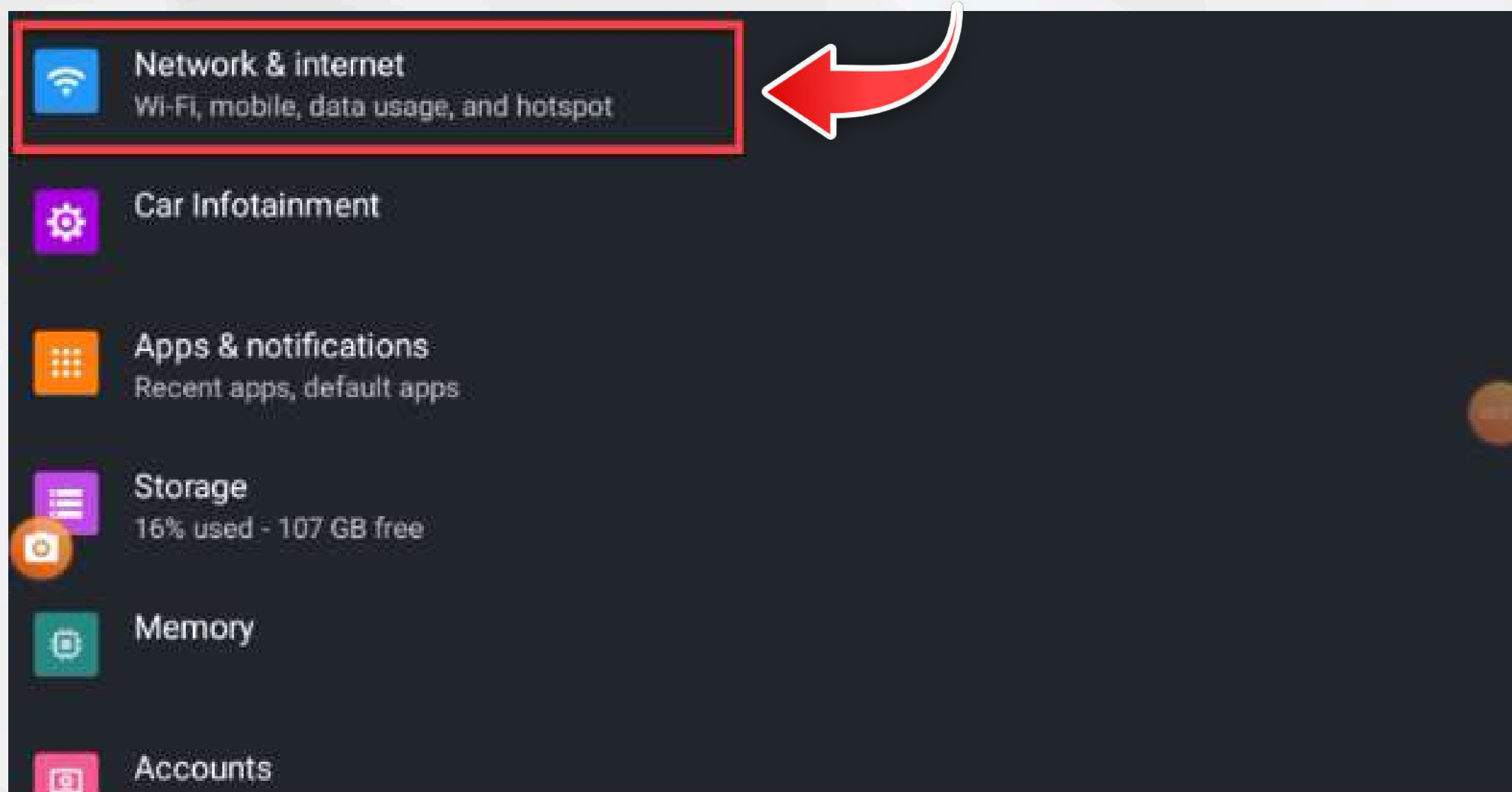


- Tap the send button to deliver the message.

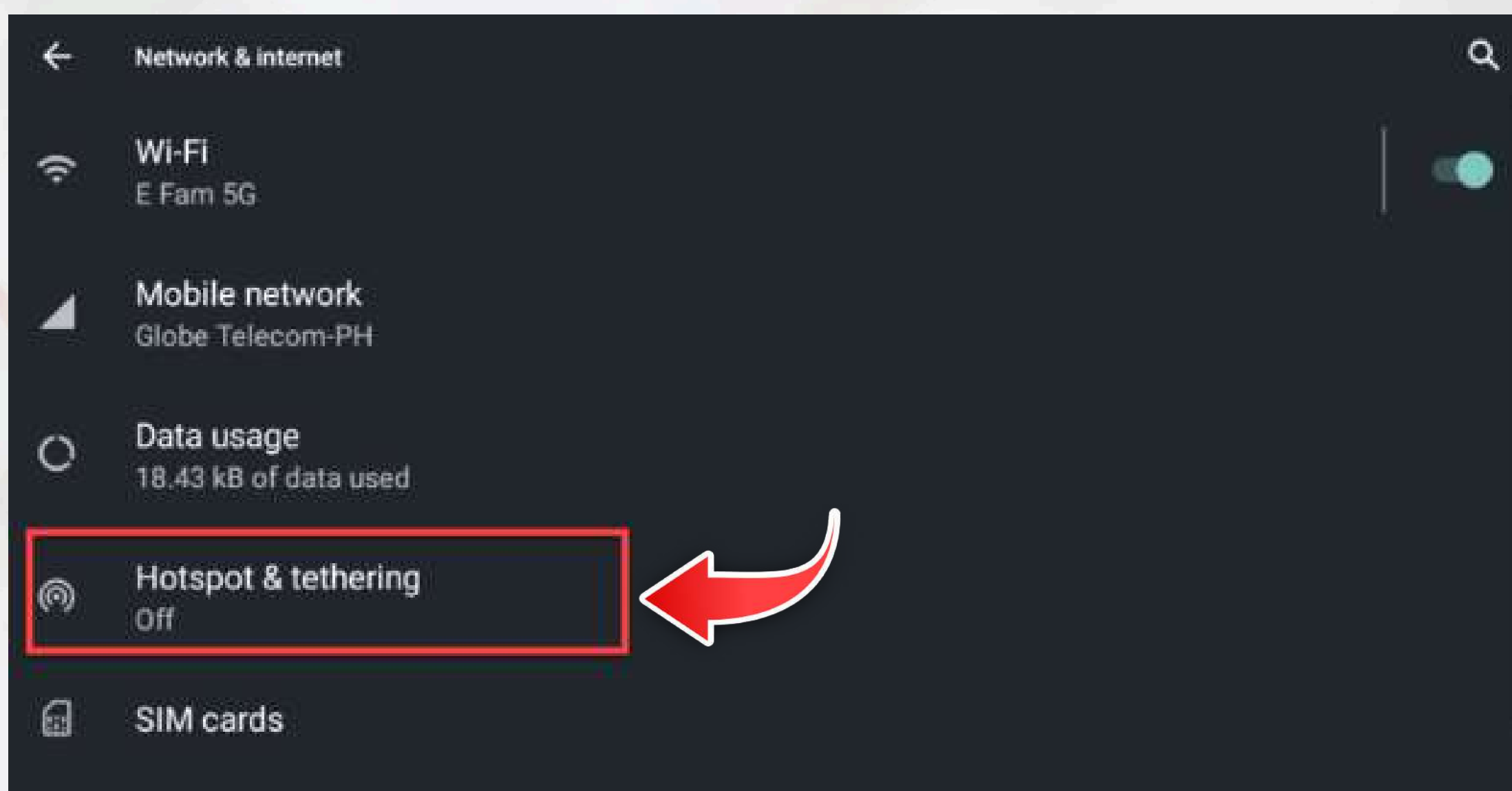


STEPS FOR INTERNET SHARING

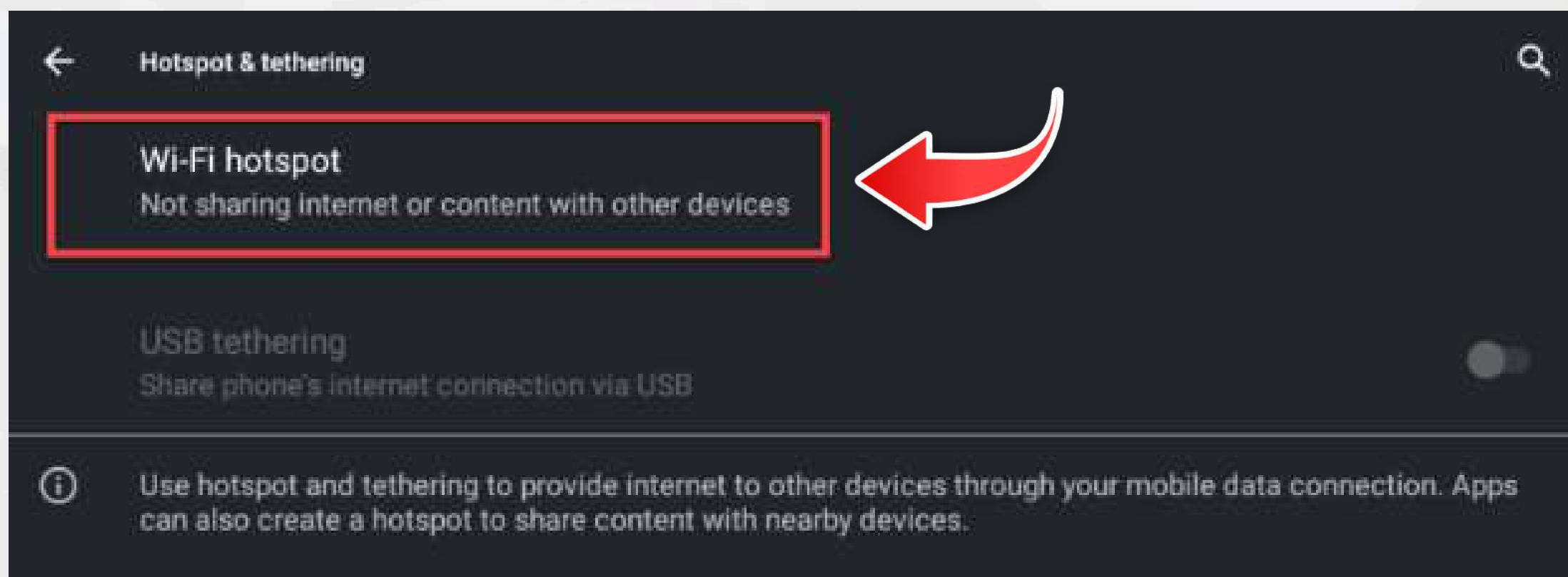
1. Go to Settings > Network & Internet.



2. Navigate to Hotspot & Tethering.



3. Tap Wi-Fi Hotspot



4. Toggle the ON/OFF switch to turn the hotspot on.



5. Once enabled, open the Wi-Fi settings on your phone or tablet and look for the head unit's name in the list of available connections.

NOTE

You can easily change the hotspot name and password by tapping the menu settings.



ACCESSORIES FOR YOUR VHEDIA HEAD UNIT

Your VHEDIA head unit is compatible with a range of accessories designed to enhance your driving experience.

NOTE: These accessories are sold separately and can be purchased directly from our website. (www.vhedia.com.au)

PRODUCT	IMAGE	Scan the QR code to learn more	Installation Video QR code
X3 (Dual-channel) VHEDIA DASH CAMERAS High-quality dash cameras that record your journey, providing essential evidence in case of an incident.			
TPMS (Tyre Pressure Monitoring System) Monitor Tyre pressure in real-time, helping to prevent blowouts and improve safety by displaying the data directly on your head unit.			
DAB + Radio Enjoy crystal-clear digital radio with a wider selection of stations and better sound quality than traditional FM radio.			
Wireless Caravan Reversing Camera Battery Powered Provides a clear view when reversing, ideal for those towing a caravan. The wireless design makes it easy to install.			



BASIC TROUBLESHOOTING

If you have problems operating the head unit, please refer to this basic troubleshooting guide for a quick solution. If the problem still exists, kindly reach out to us via phone, chat, or email and our lovely techs will assist you with your concerns.

The most common problems are listed below, along with likely causes and solutions.

- **MAIN HARNESS DOESN'T FIT ANY CAR PLUGS** - It is normal that some of the plugs from our main harness and plugs from your car side will not be used. However, if no plugs from your car side match any plugs from our main harness, kindly reach out to us and provide a wiring diagram or photo of the back part of your original head unit, and it will help us a lot.
- **HEAD UNIT NOT TURNING ON AFTER INSTALL** -
 1. Make sure that the car key is on ACC or the engine is turned on.
 2. Check the wiring connection. Make sure that the plugs are securely connected. If unsure what goes where, reach out to us via phone, email, or chat and we'll assist you sort it out.
 3. Damaged Fuse. It's not very common, but you can replace the fuse at the back of the head unit.
 4. Damaged CANBUS box. If your kit came with a canbus box (normally for high-level cars), chances are the CANBUS box has been damaged, reach out to us via phone, email, or chat and we'll help you check this out and replace if necessary.
- **NO SOUND**
 1. Sounds silly but check if the head unit is on mute or if volume is too low, simply adjust the volume and check if that fixes the issue.
 2. Incorrect CAN BUS setting. If your head unit comes with a CAN BUS box, we try to ensure that the correct CAN BUS setting is configured before shipping the unit to you. Please reach out to us if you have a CAN BUS and no sound, so we can confirm the correct setting

NOTE

Canbus setting will reset when you do a firmware update.



- **FROZEN UP OR RUNNING SLOW**

1. Close unused apps. Tap the open apps icon located beside the back icon on the top-right corner of the screen and close all apps that you're not using.
2. Try rebooting the head unit. Just like other gadgets with processors, it accumulates system cache over time. Simply scroll down from the top of the screen and tap **REBOOT**.
3. Reach out to us to check if there's a new firmware update.

- **POOR RADIO RECEPTION - What Could it be?**

1. Signals may be too weak, especially in remote locations. If you're in an area with good radio reception on other devices but poor reception on the head unit, please reach out to us so we can help identify the issue.
2. Signal interference can occur due to various factors. It could be caused by your phone interfering with the Bluetooth connection, wireless speakers, nearby Bluetooth devices, microwave ovens, Wi-Fi connections, and more. This type of interference is particularly challenging to resolve, especially on busy roads where other cars may also be using the radio. However, it shouldn't be an issue in cities where radio signals should have a stronger connection.
3. Damaged antenna cable. Reach out to us and we'll help you with replacement options.
4. The antenna connection is incorrect. Your kit comes with a factory antenna retention cable. Make sure you use this cable correctly and make sure that the connection from the plug to the back of the head unit is secured. You can try resetting the cable.

- **UNABLE TO CONNECT TO BLUETOOTH**

1. Please turn off and turn on the Bluetooth on your phone and reboot the head unit then try pairing the devices again.
2. Clear all unused Bluetooth devices on your phone and try pairing again.
3. Try changing your phone's Bluetooth name and try pairing again.
4. Always pair the devices through the head unit's Bluetooth app and not via phone.
5. Check your phone manufacturer if it can support MTK Bluetooth MT6631N/A



TROUBLESHOOTING:

1. CarPlay/Android Auto Connecting Issue

If you are having issue with connecting your phone to the headunit's Speedplay app for CarPlay/Android Auto, mainly being stuck on "connecting" or "waiting".

Here are a few steps you could try:

1. Make sure that your phone's Android OS/iOS is updated to latest.
2. If updating your phone's OS didn't work, try turning off your phone's hotspot.
3. If still failed, disconnect your phone from the head unit > forget both devices on their respecting Bluetooth settings/app > Reconnect again.

2. DAB+ Signal Issues

1. Improve Signal Reception

Chip Paint Off the Sill: Chip a small amount of paint off the sill where the DAB antenna is mounted to ensure a good ground connection and improved signal reception.

2. Try the DAB Dream App

Download and install the DAB Dream app to test the DAB signal. This app can provide better diagnostics and potentially improve DAB reception.



3. FM/AM Radio Issue

If you have a factory radio antenna like the shown in the photo below and you're having a bad to no reception issue on your radio, you will need to turn on the EXT ANT setting so that your factory antenna receives power.



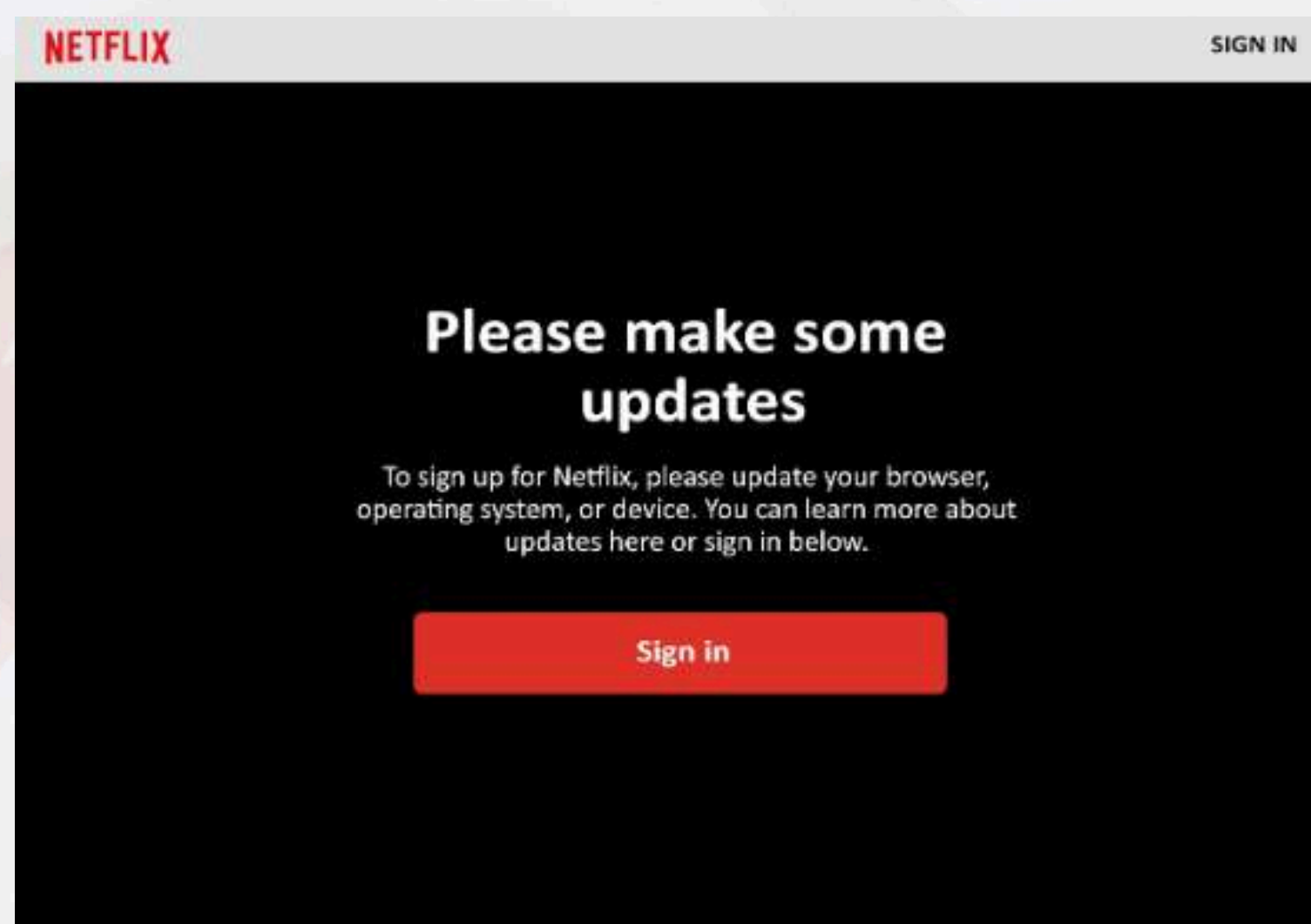
1. Go to apps - Open the DSP app
2. Tap Balance > Toggle ON "EXT ANT"

4. Fader NOT working

1. Go to Settings > Car Infotainment
2. Tap About Device > Tap gear icon, passcode 8878
3. Select "others" on lower left > Enable Bal Adj > Tap Save
4. Once done, see if the fader or rear speakers work

5. How to Fix the Netflix App Issue: "Please Make Some Updates"

If you are receiving the message "Please make some updates" on your Netflix app, you can resolve this issue without updating the app by following these steps:



1. Open the Netflix App
2. Navigate to Sign-In Page
3. Enter your credentials.
4. Verify Your Account - If prompted, verify your account by following any additional instructions, such as entering a verification code sent to your email or phone.
5. Restart the App (if necessary)

By simply signing back into your account, you should be able to bypass the update message and enjoy your Netflix content.

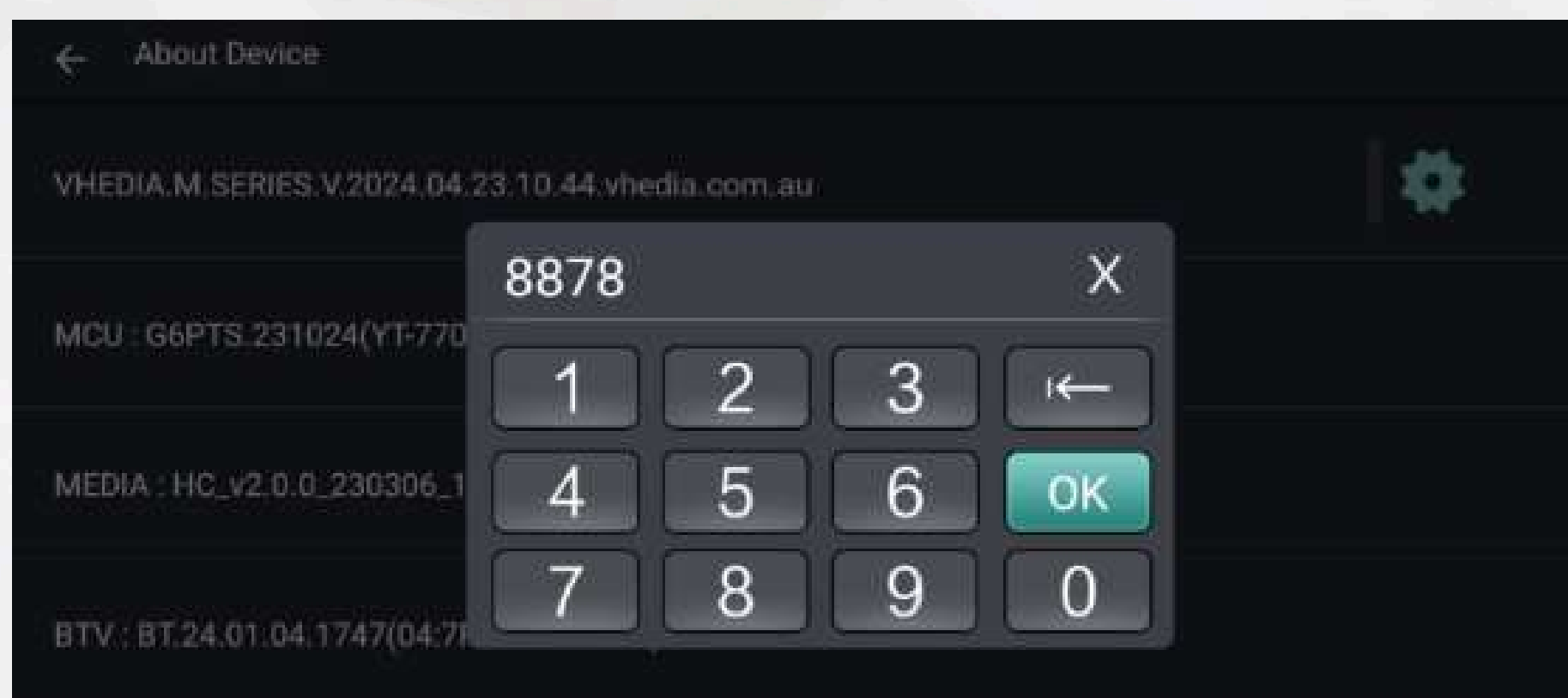
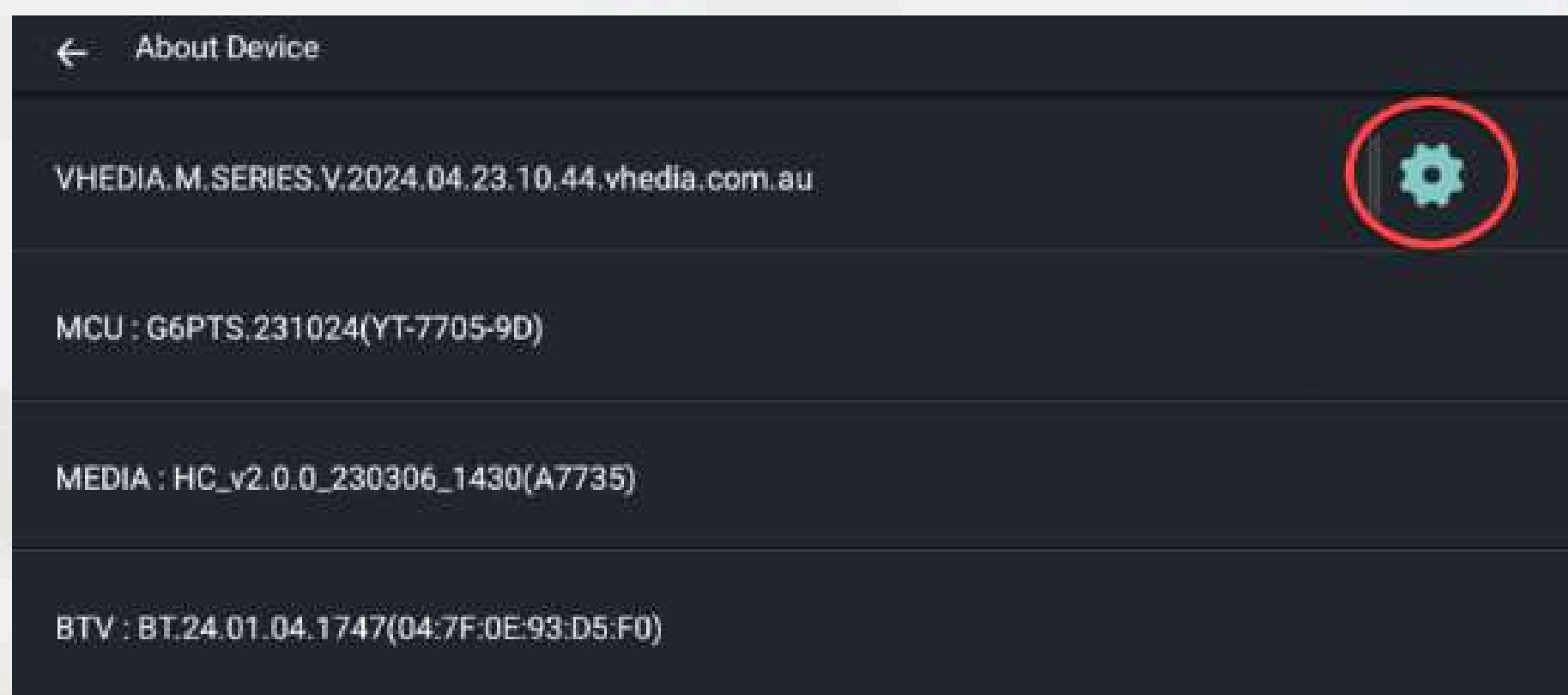
6. Head unit not detecting the SIM card

1. Check Connection: Ensure that the SIM card tray is connected to the correct plug.
2. Check SIM Card Position: Make sure the SIM card is correctly positioned in the SIM card tray.
3. Reinsert SIM Card: Remove and reinsert the SIM card in the tray. We strongly advise turning off the head unit when inserting or removing the SIM card.
4. Try a Different SIM Card: Test with a different SIM card to determine if the issue is with the SIM card or the SIM card tray.
5. Update Firmware: Ensure your head unit has the latest firmware version installed.

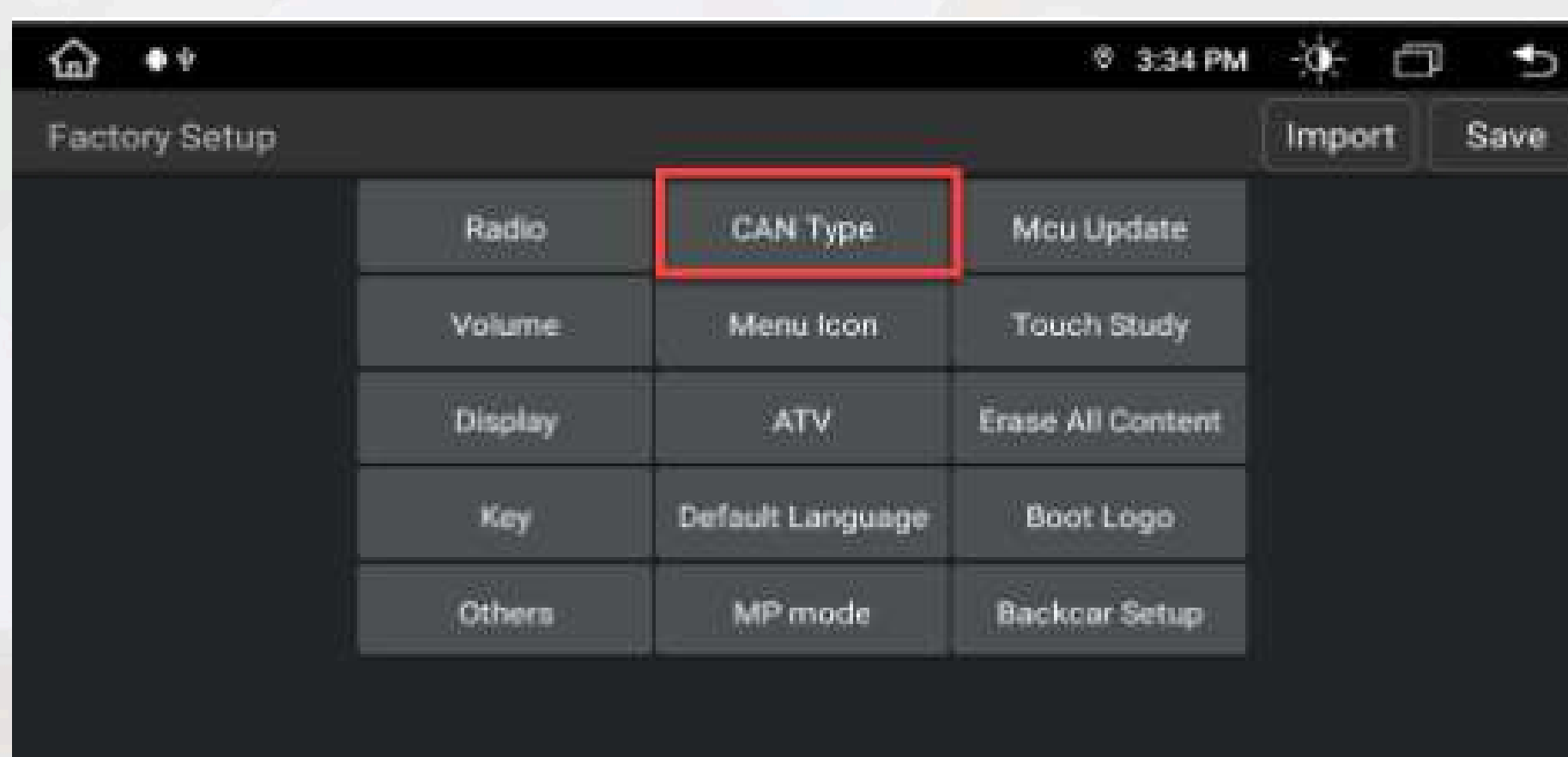
7. Door Notification is reversed (e.g. when the right door is opened, but the head unit displays the left door as opened, and vice versa)

1. Access Settings:
 - Navigate to Settings on your head unit.
 - Select Car Infotainment.
 2. Enter About Device:
 - Tap About Device.
- Tap the gear icon and enter the passcode **8878**



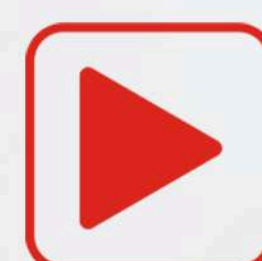


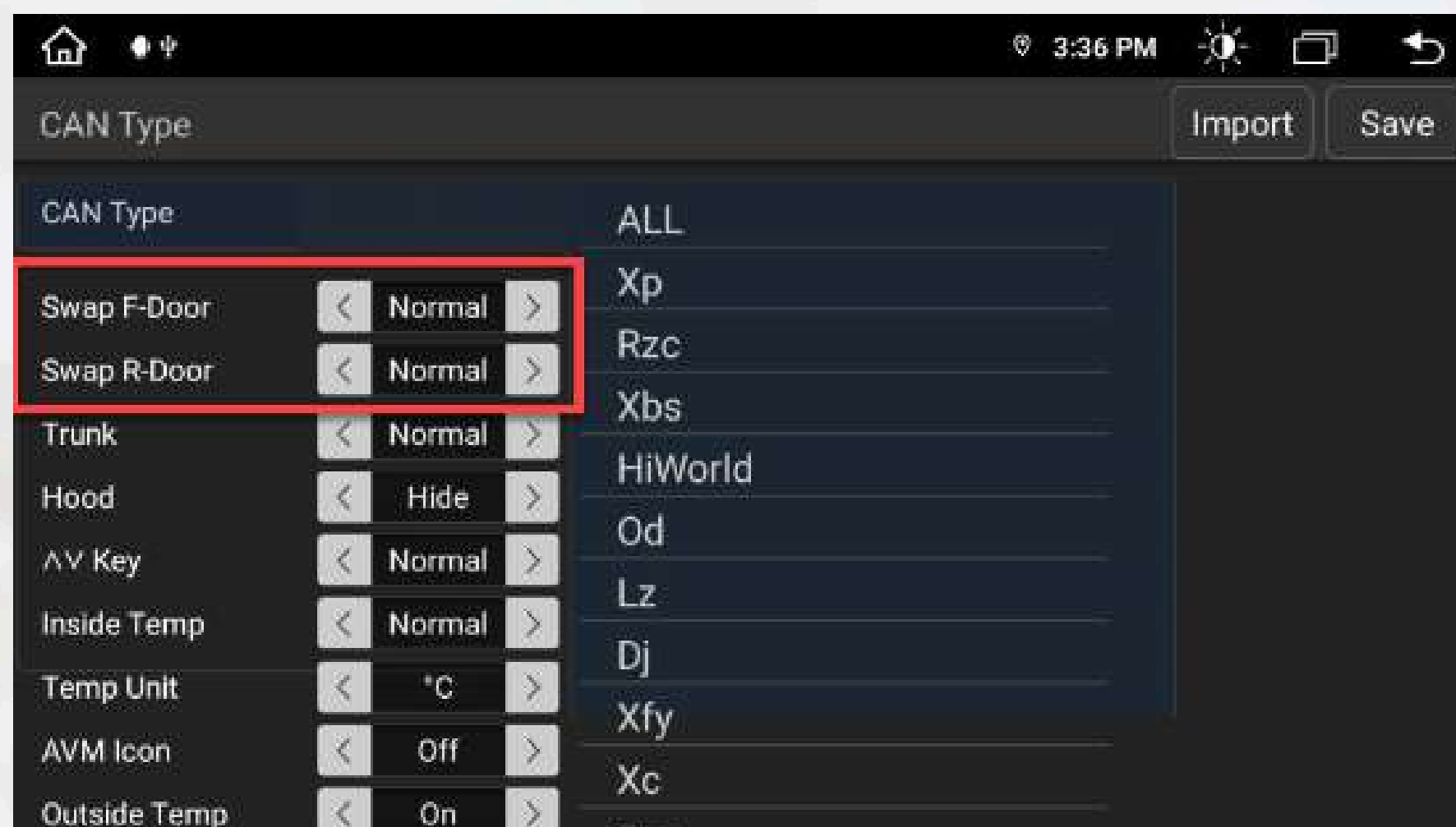
3. Select "CAN Type"



4. Adjust the Door Swap Settings:

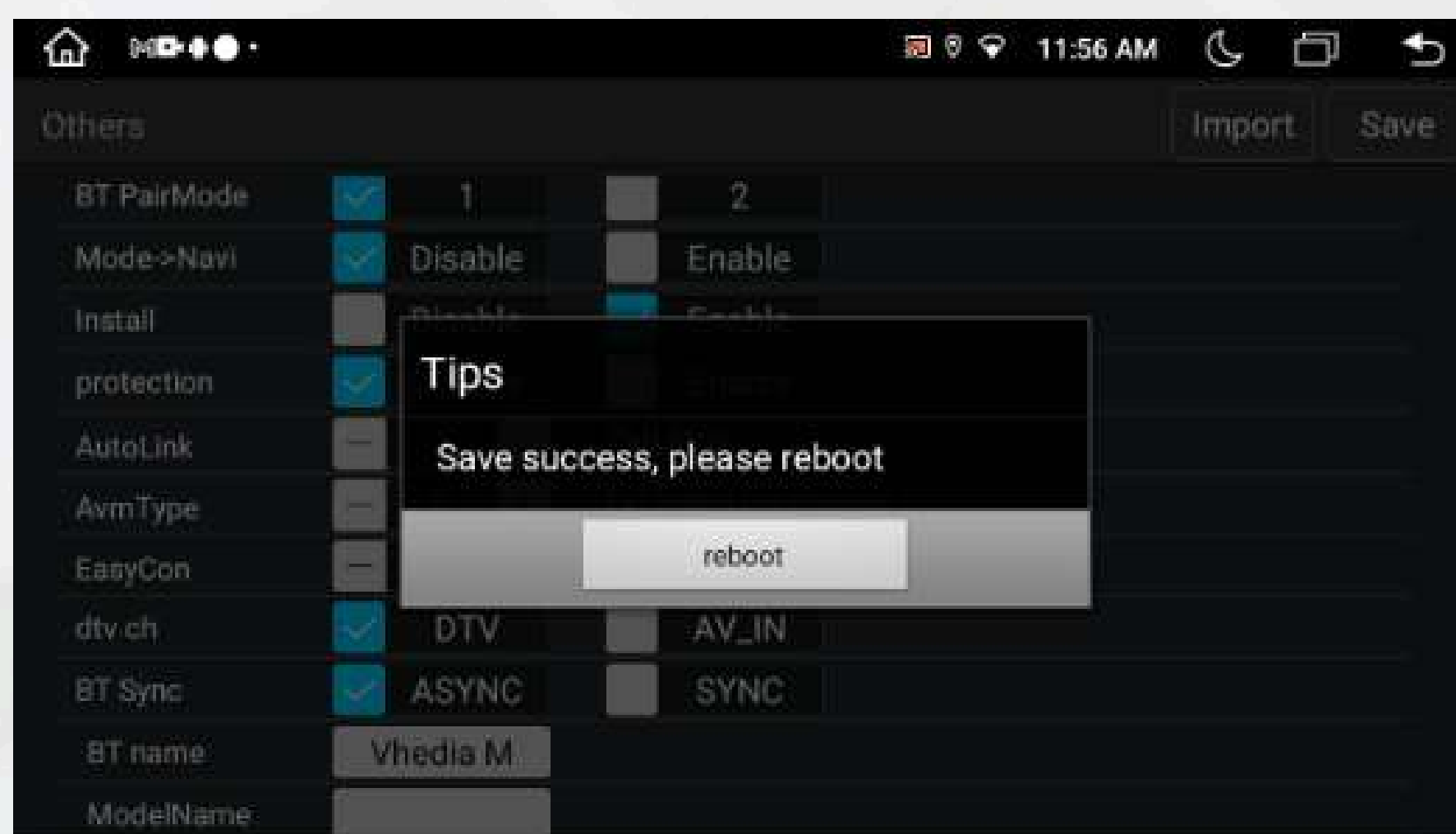
- Locate Swap F-Door (Front) or R-Door (Rear) and adjust the settings to Normal or Swap, depending on your preference.





5. Save and Reboot:

- Save the changes and reboot the head unit.



After rebooting, the door notification should display correctly.

If the issue you're experiencing isn't listed above, please scan the QR code to visit our Self Help page and search for your specific issue.



FAQS

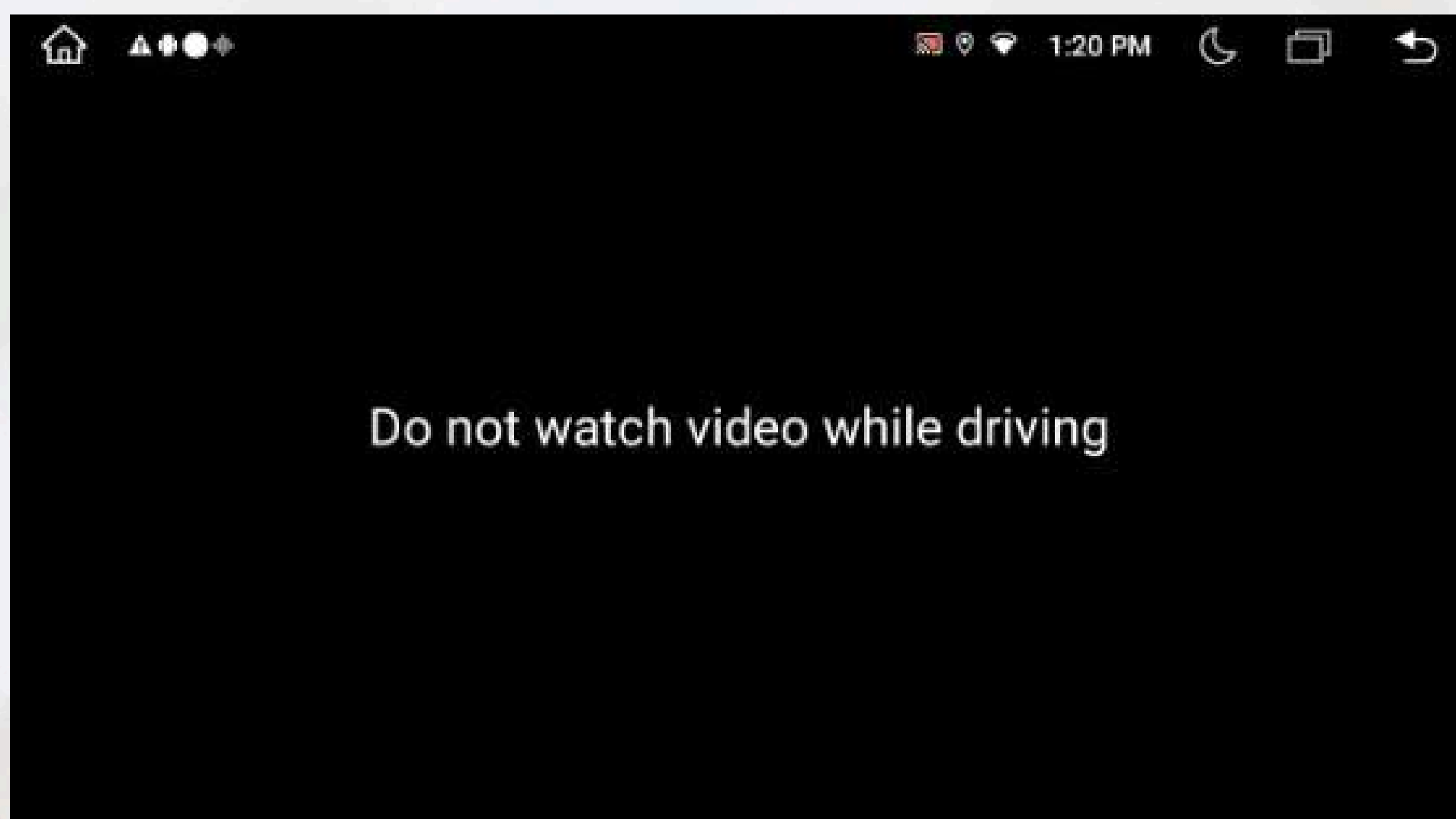
1. NAVI App volume being too low

If you encounter a situation where the audio volume of your navigation or map application seems too quiet while driving, here's a solution to help you manage and adjust the volume more effectively:

1. Go to Settings > Car infotainment > Volume.
2. From here, you can adjust the System, Navi and Media Volume as needed.

2. Video Playback Restricted While Driving

If you're getting the error shown in the image above where it says "Do not watch video while driving". Make sure that the Disable Video In Motion setting is off.



1. Go to Settings>Car Infotainment>Video.
2. Look for “Disable Video In Motion” option and toggle it to OFF.

3. How to turn ON/OFF AC display notification on Vhedia Head Unit.

1. Go to Settings > Car Infotainment > Video.
2. Look for the Air Conditioner setting and toggle it to turn it ON or OFF.



4. How to Turn ON/OFF the Auto Dim Brightness Feature

How Auto Mode Works:

When the Auto Mode is turned ON, the display brightness will automatically dim when you switch on the parking lights or headlights of the vehicle.

1. Go to Settings>Car Infotainment>Display
2. Look for the “Auto Mode” option within the Display Settings. You can toggle this setting ON or OFF according to your preference.

5. Reverse Camera Guideline settings

If you're having issues with your reverse camera guideline not showing up and/or you have double guidelines overlay (this happens when your factory reverse cam has a reverse assistant line already), please follow the steps below to turn ON/OFF the Reversing Assistant Line:

1. Go to Settings>Car Infotainment>Video
2. Look for Reversing Assistant Line. Toggle the option to turn it ON or OFF.
3. Shift the gear to reverse - It should now display correctly, or it should show only one reverse guide line.

Now if you find the lines a bit odd, or you want to adjust the lines, here what you need to do.

1. While on reverse, tap and hold the screen and a gear icon will show up.
2. Tap the gear icon and enter 1111 for the password > Hit Ok.
3. Adjust the lines vertically or horizontally to your preference.



6. How to add/change the start-up logo in your Vhedia Head unit

NOTE

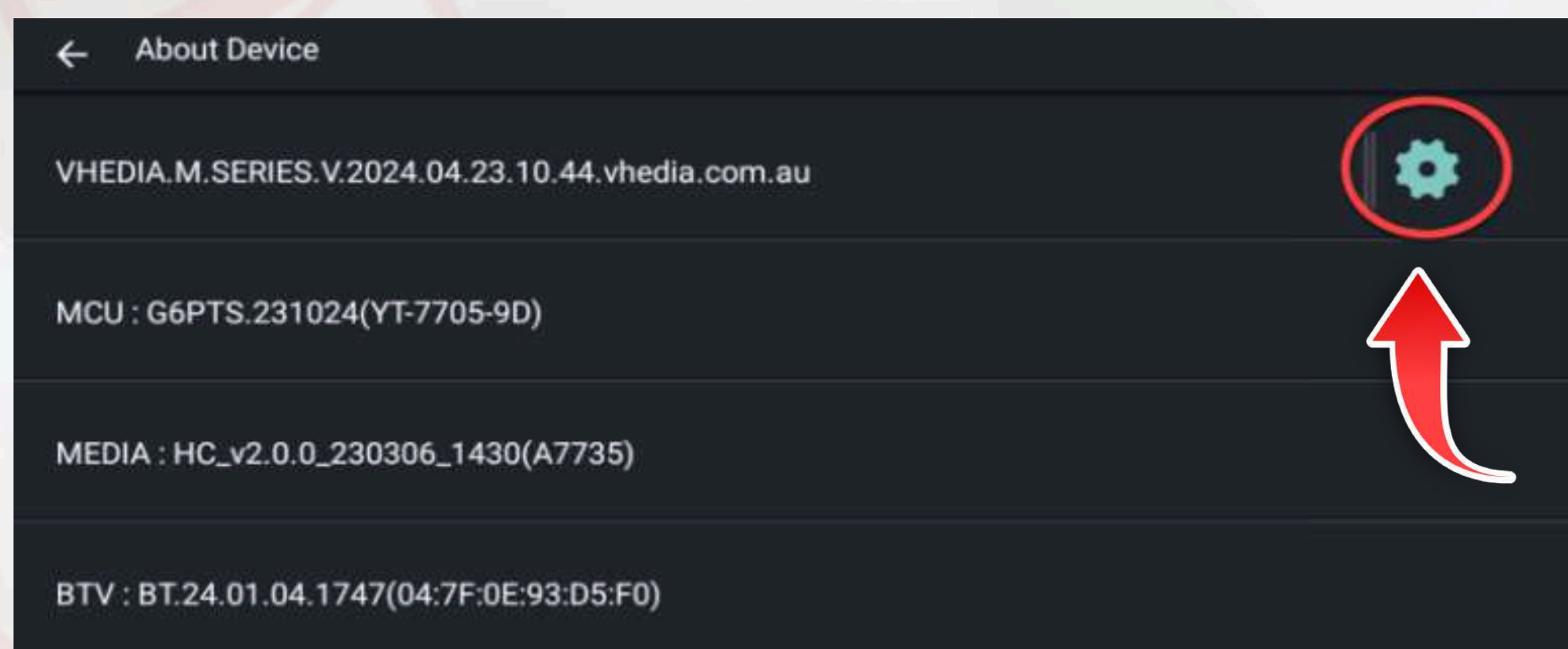
The boot logo will only appear when the head unit undergoes a full start-up sequence or if the Sleep Mode setting is turned off

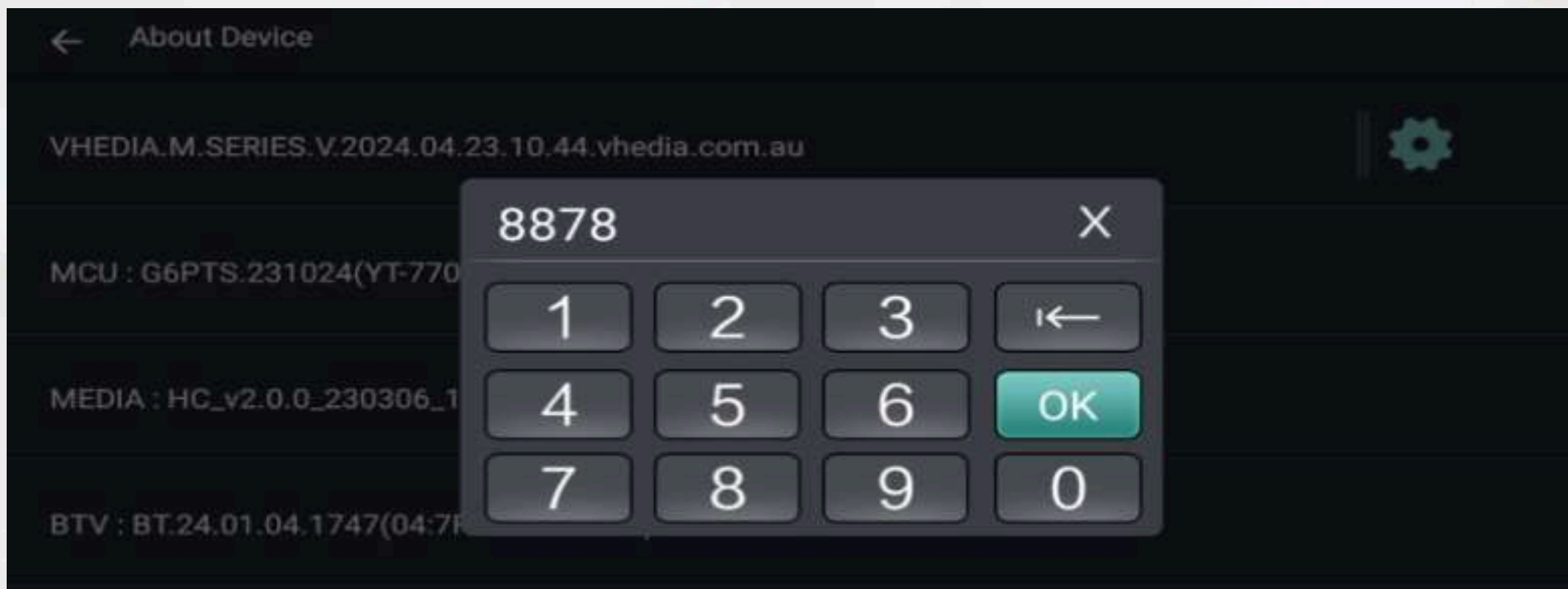
1. Download a BMP image that you want to use as a boot logo. The resolution needs to match your device, e.g., 1280x720.
2. Save the downloaded image on a USB flash drive.
3. Insert the flash drive into your head unit.
4. On the head unit, go to File Manager > USB 1.
5. Tap and hold the downloaded image, then select 'Copy.'
6. Go to Local > Pictures, and paste the image.
7. Select Settings > Car Infotainment > About Device. Enter the password 8888. Choose Boot Logo > Search Icon > Select Image.
8. When prompted to update, select YES.
9. If the unit does not restart after 30 seconds, you may need to perform a hard reset. Use a small pin to press and hold the RST hole for 20-30 seconds. The unit should restart, and your new boot logo should appear.

7. How to Set the Head Unit to Factory Default

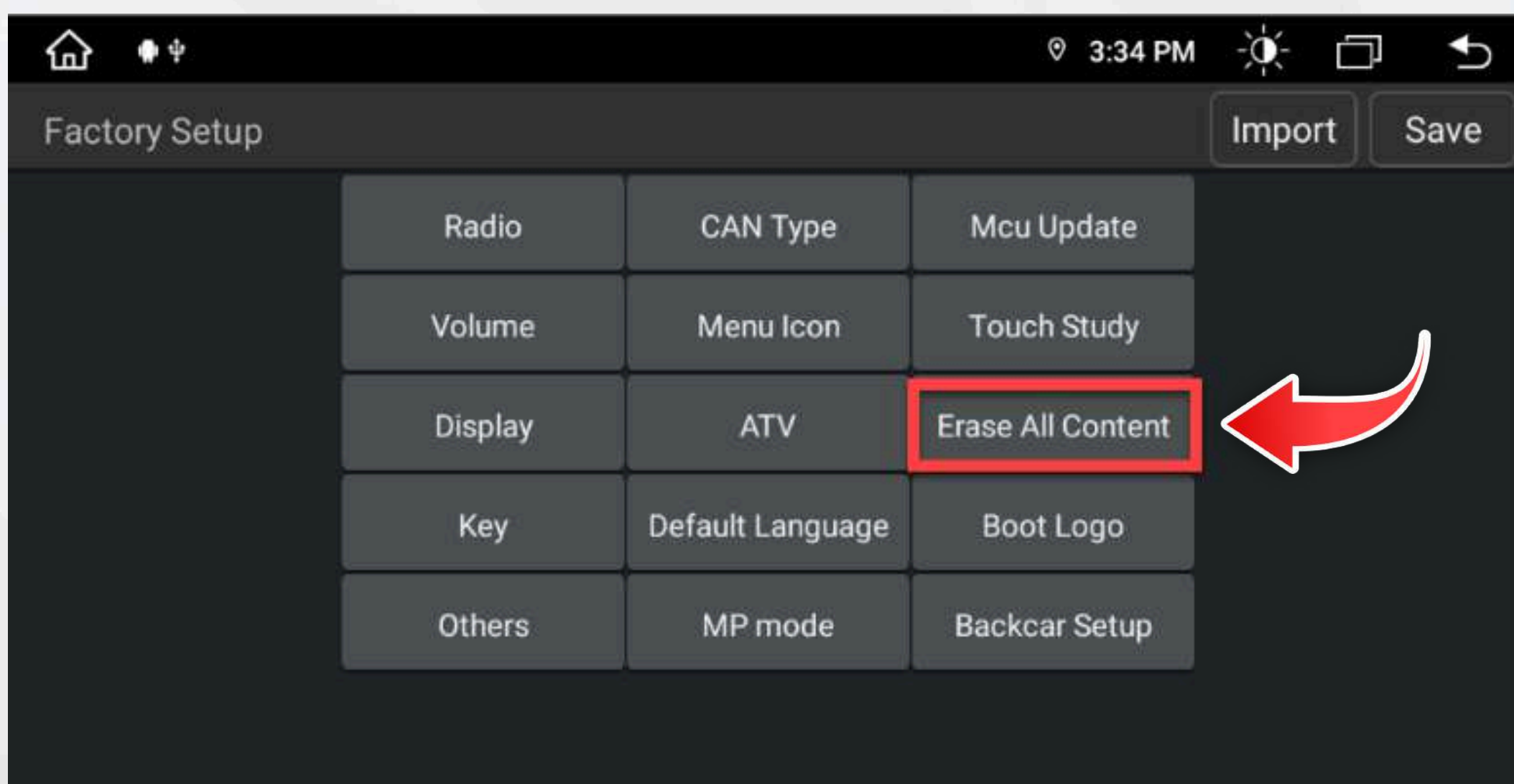
In rare instances, if you are experiencing software glitches on your head unit, you may opt to reset it to the factory default settings. Please note that this process will delete all the apps you have installed, and the settings will revert to their original state.

1. Go to Settings>Car Infotainment>About Device
2. Tap the gear icon. Input the code 8878, and then press "OK."





3. Tap “Erase All Content” Tap “Erase All Content”



8. How to set CAN BUS profile

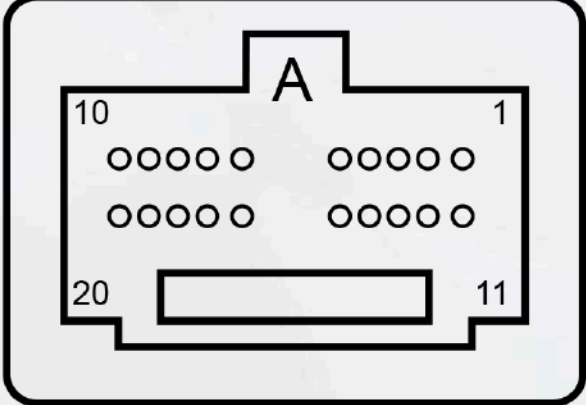
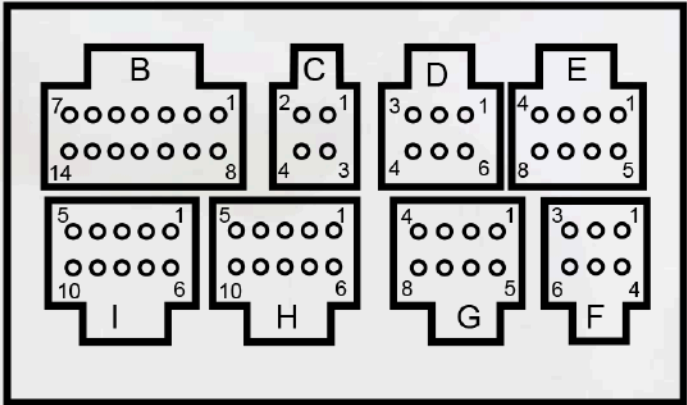
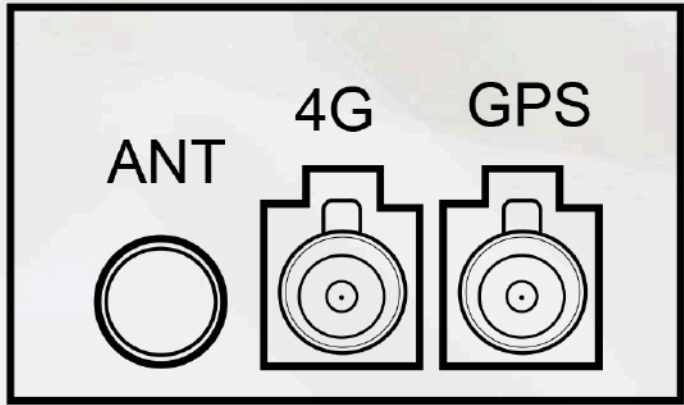
Most of our head units have CAN BUS to help retain factory functions such as factory reverse camera, 360 camera, steering wheel control, etc. (Applies only to head units with CANBUS)

By default, the head unit should automatically set the CANBUS setting correctly, however, there are instances where you need to set it manually.

1. Go to Settings>Car Infotainment>About Device
2. Tap the gear icon. Input the code 8878, and then press "OK."
3. Go to CANTYPE. (Please reach out to our Customer Care Support to get the correct setting for your CANBUS)



WIRING DIAGRAM



A

WIRE	COLOUR	FUNCTION	WIRE	COLOUR	FUNCTION
1	Green	RL+	11	Green and Black	RL-
2	White	FL+	12	White and Black	FL-
3	Grey	FR+	13	Grey and Black	FR-
4	Purple	RR+	14	Purple and Black	RR-
5	Blue	ANT/ANT	15	Yellow	B+
6	Brown and Black	KEY1	16	Black	GND
7	Brown	KEY2	17	Black	KEY GND
8	Orange	ILL	18	Red	ACC
9	Blue	RX	19	White	TX
10	Orange and Black	REVERSE	20	Pink	BRAKE

E

WIRE	FUNCTION	WIRE	FUNCTION	WIRE	FUNCTION
1	AUX L	2	AUX R	3	AUX VIDEO
4	/	5	AUX GND	6	/
7	/	8	/		

F

WIRE	FUNCTION	WIRE	FUNCTION	WIRE	FUNCTION
1	GND	2	F-CAM GND	3	CAN IN GND
4	F-CAM +12V	5	F-CAM	6	CAM IN VIDEO

WIRE	FUNCTION	WIRE	FUNCTION
1	BT/WIFI	1	USB GND
2	/	2	USB DP
3	SUB WOOFER GND	3	USB DM
4	SUB WOOFER	4	USB 5V
5	RCA GNG		
6	RCA FR		
7	RCA FL		
8	/		
9	/	1	SIM IO
10	/	2	SIM DET
11	/	3	SIM CLK
12	RCA RR	4	D GND
13	RCA RL	5	VSIMI PMU
14	RCA GND	6	SIM RST

C

D

B

H

WIRE	FUNCTION	WIRE	FUNCTION
1	MIC-	6	MIC+
2	USB GND	7	USB GND
3	USB DM	8	USB DM2
4	USB DP	9	USB DP2
5	USB 5V	10	USB 5V



Attention: Wire Colours can change at times please use the pin placement for reference or contact us if you need guidance.



A BIG THANK YOU!

Thank you for purchasing your new VHEDIA Head Unit!

We hope you find your new head unit both useful and enjoyable to use. If you encounter any difficulties setting it up, please email us at hey@vhedia.com.au. Most setup problems can be easily resolved, and we'll have you up and running in no time.

In the unlikely event that we can't assist you, we're always happy to provide a full, hassle-free refund under our return window policy. Our primary goal is for you to be happy and proud to use our head unit! While no product is perfect, we will always strive to provide you with perfect customer service.

Great care was taken while creating this installation manual. However, there may be minor typos. If you find any mistakes or have suggestions, please let us know so we can correct them. Visit our website for the latest and updated user manual if available. We also frequently update other great content that is very useful to our customers.

Head unit upgrades, firmware, and box contents can be changed without prior notice. Always see up-to-date information by visiting our website. Thank you once again for choosing VHEDIA!

