INE-AW409S

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Intelligent vehicle networking multimedia system



ENGLISH USER MANUAL

Key features: HD display • online navigation • Alpine Music • Wi-Fi support • mobile link • two USB connections.

Read this manual before using the product. iPhone users can download and install Alpine Music from the App Store. Android users can scan the QR code to download and install the application.

Alpine Music

Based on the supplied English manual. Screenshots have been localised to English. Editorial notes identify ambiguities in the source.

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Page numbers refer to this English PDF.

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Operating and safety instructions

Warnings and symbols

Prohibited action: the action must not be performed.
Do not disassemble: dismantling is prohibited.
Required action: the instruction must be followed.
Caution: special attention is required.

Stop using the product immediately if a problem occurs

Continuing to use it may cause personal injury or damage to the product. Return the product to an authorised Alpine dealer or your nearest Alpine service centre for repair.

For 12 V negative-ground vehicles only

This product is suitable only for vehicles with a 12 V electrical system and a negative battery terminal connected to the chassis. Use in other electrical systems may cause fire or other accidents.

Wiring and installation require professional skills

Wiring and installing this product require specialist skills and experience. For safety, contact the dealer from whom you purchased the product to arrange installation.

Do not disassemble or modify the product

Doing so may cause an accident, a hazardous situation or an electric shock.

Keep small objects out of the reach of children

Bolts, screws and other small objects may cause serious injury if swallowed. Seek medical attention immediately if an object is accidentally swallowed.

Safety and maintenance

Do not use distracting functions while driving

Any function that distracts your attention from driving must be used only after the vehicle has come to a complete stop. Park in a safe place before using these functions. Otherwise, an accident may occur.

Keep the volume low enough to hear traffic sounds

You must be able to hear sounds outside the vehicle while driving. Failing to hear emergency vehicle sirens or warning signals, such as at railway crossings, is dangerous and may cause an accident. Excessive volume can also damage your hearing.

Cleaning the product

Clean the product regularly with a dry, soft cloth. For stubborn dirt, dampen the cloth with water only. Other solvents may damage the surface.

Temperature

Before switching on the device, make sure the temperature inside the vehicle is within the manufacturer's permitted operating range.

Editorial note. The source gives the temperature range as “+60°C and20°C”, so the lower limit is unclear. Confirm the permitted operating range with the manufacturer or seller.

Maintenance

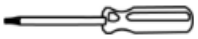
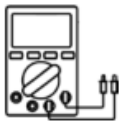
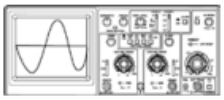
Do not attempt to repair the product yourself if a problem occurs. Contact an authorised Alpine dealer or your nearest Alpine service centre.

Installation location

Do not install the device:
• in direct sunlight or near heat sources;
• in areas of high humidity or near water;
• in dusty environments;
• in places subject to severe vibration.

Tools and package contents

The tools required depend on the vehicle.

Panel removal tools	Socket	Electric drill	Phillips screwdriver
			
Cross-head screwdriver	Socket wrench	Spanner	Wire cutters
			
Cable pliers	Wire stripper	Multimeter	Oscilloscope
			

Package contents

Intelligent vehicle networking multimedia system × 1
Wiring kit × 1

Dispose of electronic products through appropriate collection and recycling channels to reduce electronic waste pollution.

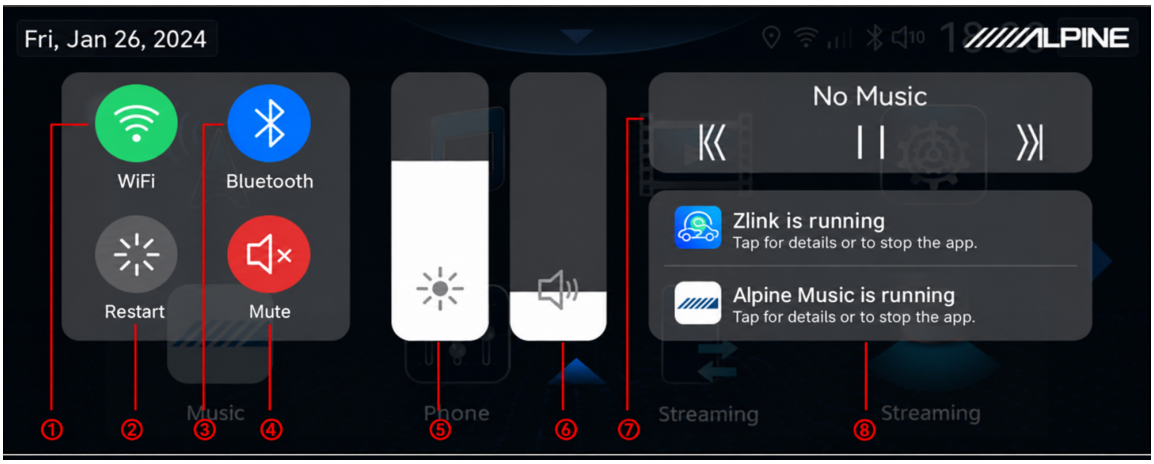
1. Using the status bar

1.1 Common shortcut buttons

1. Home: touch the Home icon from another screen to return to the home screen.
2. Back: touch the Back icon to return to the previous screen.
3. Task: touch the Task icon to view recently opened applications and applications running in the background.

1.2 Drop-down menu

Touch the down-arrow icon in the status bar or swipe down from the top edge of the screen to open the drop-down menu.



(1) **WLAN:** touch to turn Wi-Fi on or off. Press and hold to open Wi-Fi settings.
(2) **Bluetooth:** touch to turn Bluetooth on or off. Press and hold to open Bluetooth settings.
(3) **Restart:** restart the device.
(4) **Mute:** mute the sound.
(5) **Brightness slider:** slide up or down to adjust screen brightness.
(6) **Volume slider:** slide up or down to adjust media volume.
(7) **Music card:** displays the music currently playing.
(8) **Information bar:** displays notifications.

1.3 Status indicators

The right-hand side of the status bar displays the time and the status of Wi-Fi, location services, Bluetooth, USB and other functions.

2. Home screen and applications

2.1 Home screen and application view

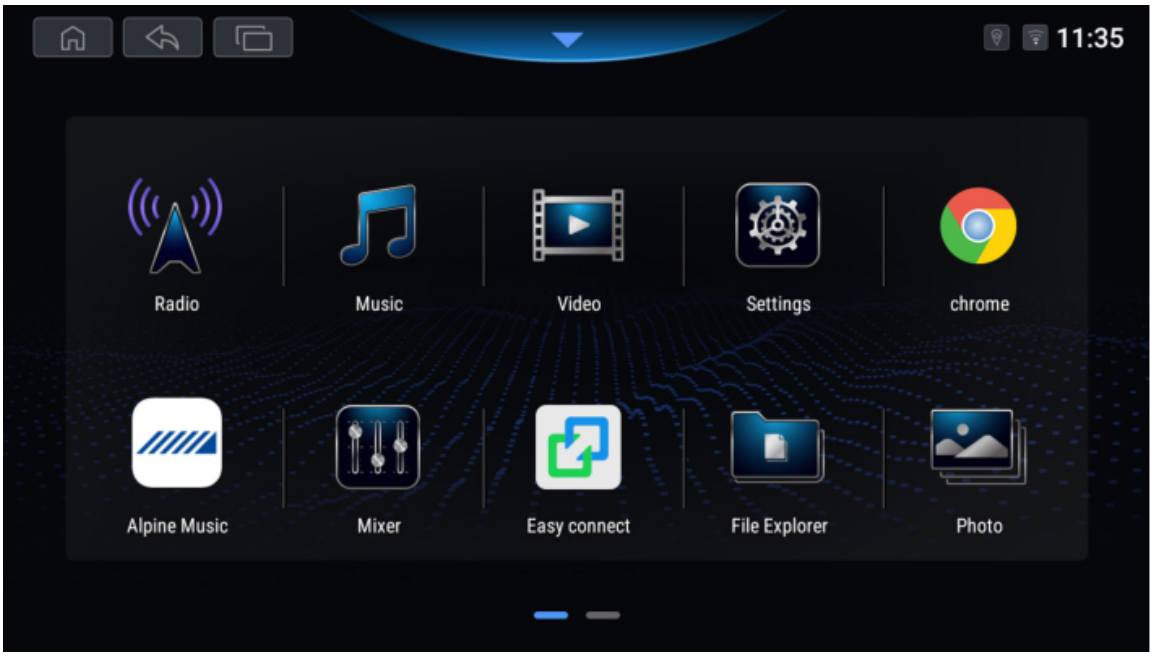
1. The home screen opens by default after startup. It provides shortcuts to frequently used functions. You can customise its layout to suit your preferences. Touch **Mode Switch** to enter large-icon mode. There are multiple screens: swipe left or right, or touch the arrow icon, to switch between them.





2. Music card. Located in the bottom-left corner of the home screen. When no music is playing, touch the card to open the music player. During playback, touch the pause icon to pause the music. Touch the image to open the music screen.

3. Touch **App Center** on the home screen to open the full application view.



3.1 Radio

Touch **Radio** to open the radio screen.

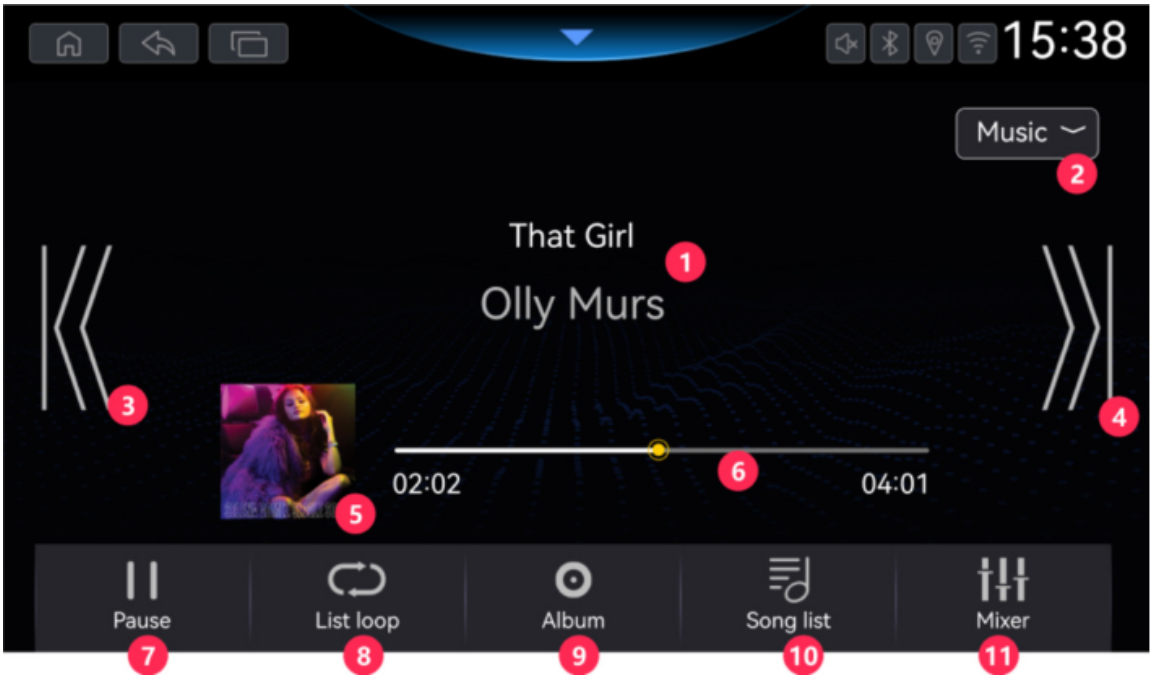


(1) Stored station list.
(2) RDS function.
(3) **Band:** touch to select a band. The source lists FM1/FM2/FM3/AM1 and refers to five bands. FM1 is the default.
(4) RDS station name. No name is shown if the station does not transmit RDS information.
(5) and (6) **Short press:** fine-tune the frequency down or up. The FM step is 0.05 MHz and the AM step is 9 kHz; these may vary by region. **Press and hold:** search downwards or upwards for a station with a strong signal.
(7) Status indicators: AF, TP, TA, local/distant reception, stereo, search, station preview and programme name (if available).
(8) and (10) Select the previous or next station in the current list.
(9) Play/mute.
(11) **Station preview:** searches all bands for strong stations, plays each for 5 seconds and moves to the next.
(12) **Automatic search and store:** searches all bands for strong stations and stores them in list (1).
(13) **Local/distant reception:** Local or DX mode; Local is the default.

Editorial note. The source states that there are five bands but lists only four. Select the band from the device's actual menu.

3.2 Music

Touch **Music** to open the music playback screen.

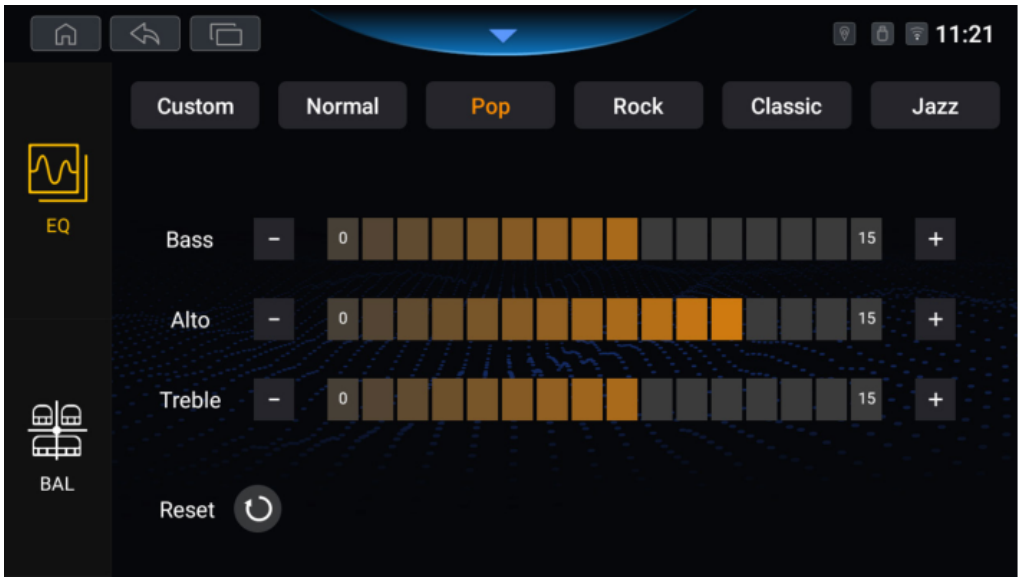


(1) **Current track information:** use button (9) to switch between track title and artist, spectrum and lyrics views.
(2) **Source selection:** local music or Bluetooth music.
(3) and (4) Previous/next track.
(5) **Album cover:** shows the current track's album artwork, or the default image if no artwork is available.
(6) **Playback progress:** total duration and elapsed playback time.
(7) Play/pause.
(8) **Playback mode:** shuffle, repeat playlist or repeat one track.
(9) Switch between album artwork, spectrum and lyrics views.
(10) **List:** opens the track list.
(11) **Sound effects:** sound effect and sound scene settings.

Note. Supported music formats include MP3, M4A, WAV, AMR, WMA, OGG, AAC and MID. An unsupported format may trigger a “format not supported” message and cannot be played.

3.3 Sound settings and equaliser

1. Touch **Mixer** to open sound effects. In **Custom** equaliser mode, you can adjust treble, midrange and bass. Presets include **Normal**, **Pop**, **Rock**, **Classic** and **Jazz**.



2. Sound field. Choose a preset such as **Standard**, **Driver** or **Full car**. You can also drag the cursor manually to adjust the front/rear and left/right speaker balance.



3.4 Video

Touch **Video** to open the video screen.



1. Button functions

(1) Folder list.
(2) Playlist.
(3) Playback progress bar.
(4) Switch between full-screen and partial-screen playback.
(5) Previous video.
(6) Play/pause.
(7) Next video.

2. Play video files from a USB storage device or the device's internal storage.

3. A driving-restriction warning may appear when opening video playback while the vehicle is moving. The source describes opening **Handbrake Settings** and disabling handbrake detection to allow playback.

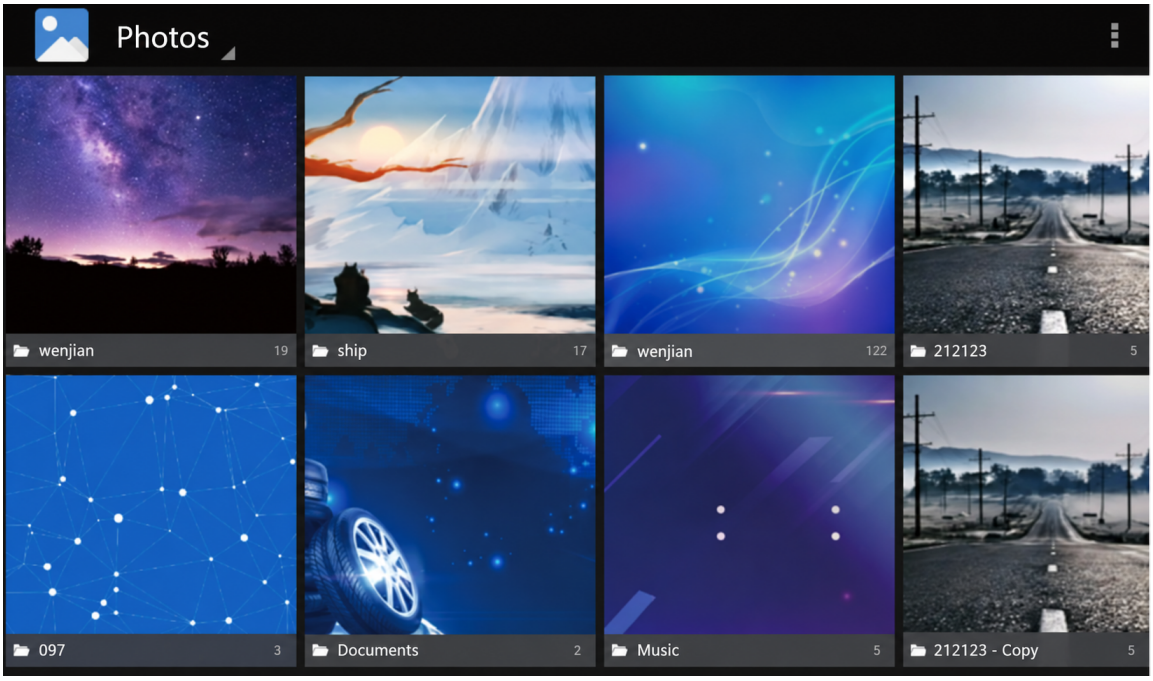
Editorial note. The driver must not watch video while driving. Use video only when safely parked. Disabling the restriction does not make watching video while driving safe.

4. The source lists the following supported video file formats: MP4, TS, ASF, MPG, WMV, 3GP, MKV, AVI, FLV, AAC, MOV, F4V and WEBM.

3.5 Photos

Touch **Photo** to open the photo list.

1. Photo list. Swipe left or right to browse folders.



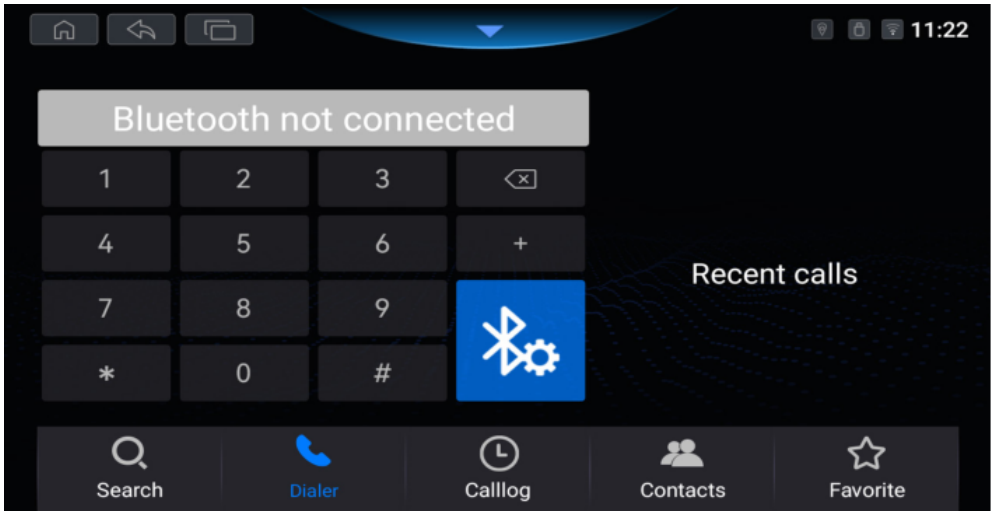
2. Viewing a photo. Spread two fingers apart on the screen to zoom in. Pinch them together to zoom out.

3. Browse pictures on a USB storage device or in the device's internal storage.

4. Supported image formats include JPG, PNG, BMP and JPEG.

3.6 Bluetooth phone

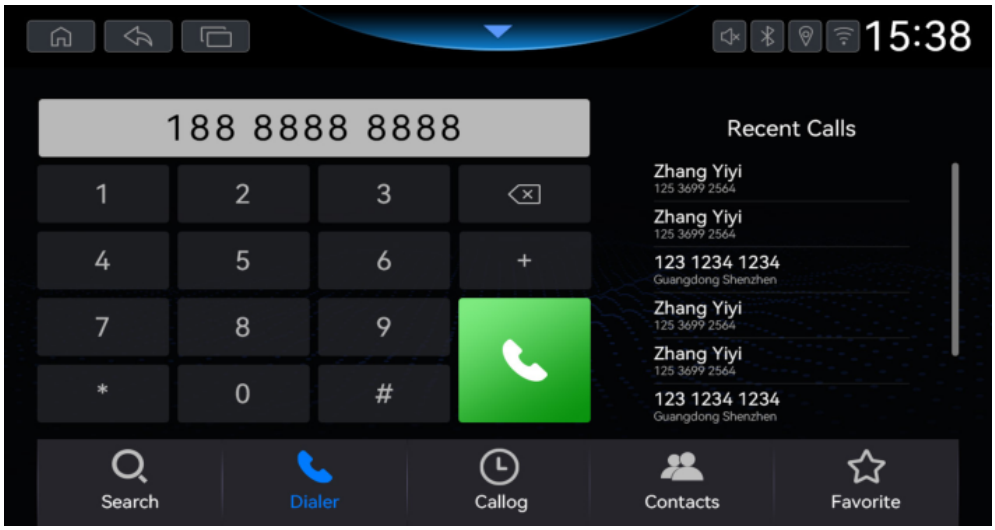
Touch **Bluetooth Phone** to open the dialling screen.



Once the phone is connected to the device via Bluetooth, enter the number using the on-screen keypad and touch the call icon to dial.

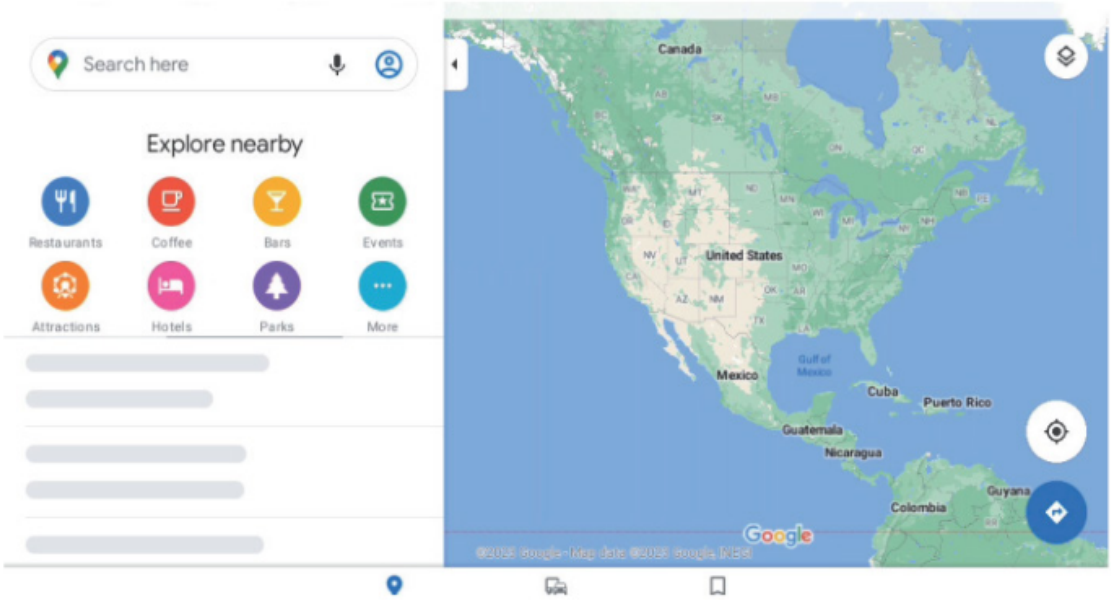
To correct a number, touch the delete icon: a short touch deletes one digit, while a long press clears the entire entry.

As you enter the number, matching phone numbers appear automatically in the list on the right. Touch a number in the list to call it.



3.7 Navigation

Touch **Navigation** to open navigation.

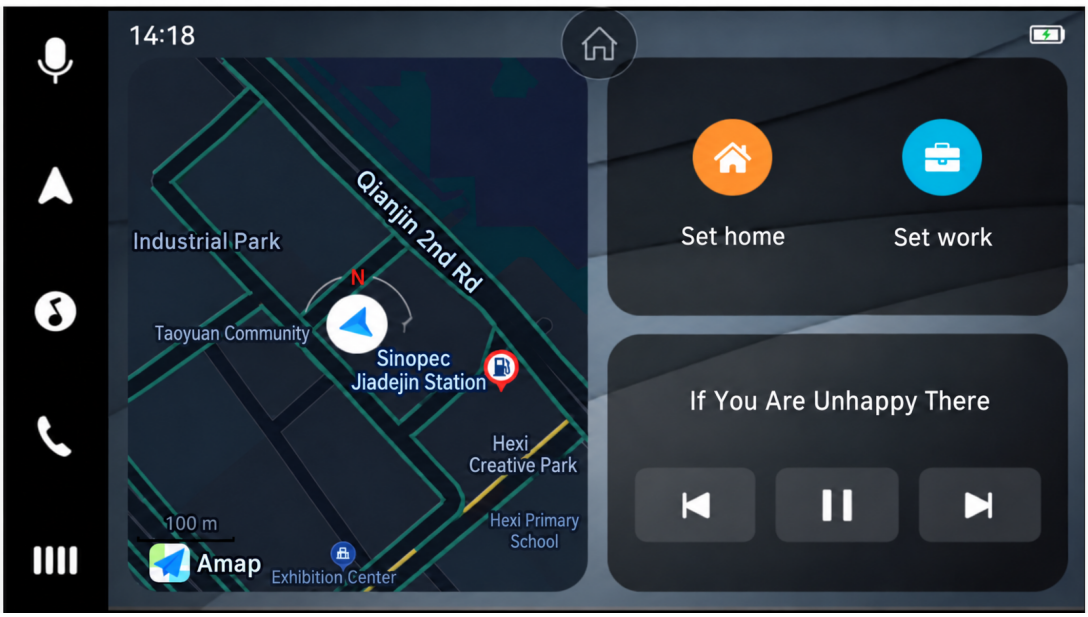


1. Google Maps. Google's mapping service includes detailed satellite imagery. It provides real-time traffic information, nearby places and other information. Press **Home** to return to the home screen. Navigation continues in the background.

2. Before using navigation

(1) Make sure the satellite antenna is correctly connected to the head unit. After power-on, allow some time for the device to receive satellite signals and update its internal information.
(2) Make sure the vehicle is not in a place with poor satellite reception, such as a tunnel, under a bridge or near tall buildings.
(3) Set the destination while parked. Do not operate navigation controls while driving.

3.8 Easy Connection



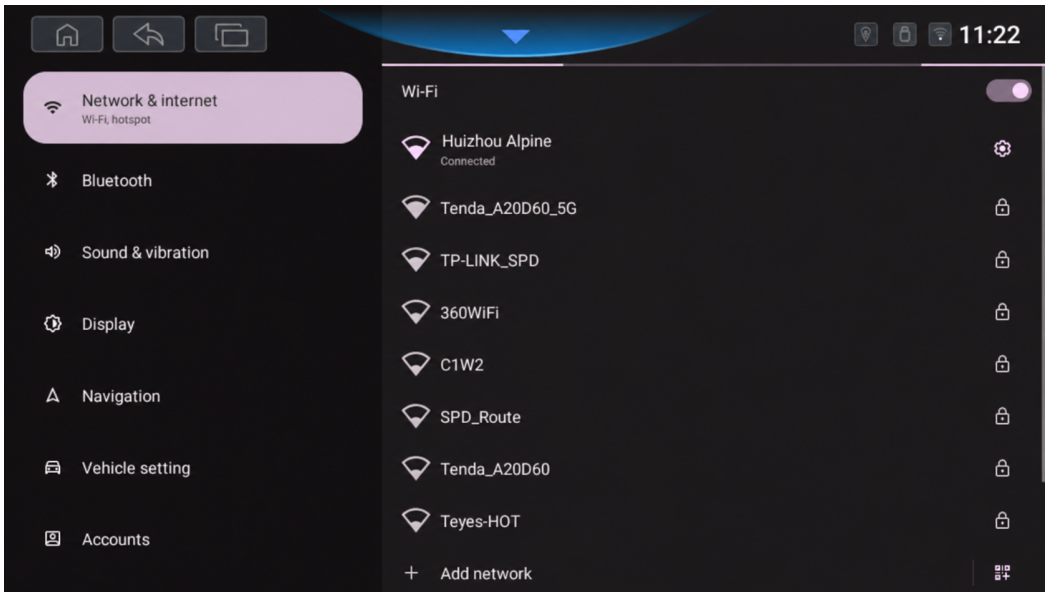
1. Easy Connection is a technology and application that links a mobile phone to the car multimedia system. It mirrors phone content on the car screen and allows phone functions to be used through the multimedia system.

2. Connection steps

(1) Download and install **Easy Connection** on your phone.
(2) Open Easy Connection on the phone and the Easy Connection screen on the car multimedia system.
(3) Connect the phone to the multimedia system using the phone's original data cable.



3.9 Settings: network and Bluetooth



1. Network

(1) Wi-Fi connection (WLAN). Turn WLAN on. The device searches for nearby Wi-Fi networks and displays a list. A padlock next to a network means you must enter the correct password to connect. The Wi-Fi signal icon appears in the status bar after connection.

(2) Wi-Fi hotspot (WLAN Hotspot). Wi-Fi reception and the Wi-Fi hotspot cannot be used at the same time. When the hotspot is enabled, the device shares its received GPRS, 3G or 4G data connection with other Wi-Fi-capable devices.

2. Bluetooth settings

Turn Bluetooth on. The device automatically searches for nearby Bluetooth devices. If a previously paired device is nearby and **Auto Connect** is enabled, it connects automatically.

When pairing for the first time, the phone displays a Bluetooth pairing request. Touch **Pair** to connect. A Bluetooth connection icon appears in the status bar when connected.

3.9 Settings: sound, display and vehicle

3. Sound

(1) **Reverse Media Volume:** media volume while reversing, as a percentage of normal volume. Range: 0-100%.
(2) **System Volume:** system volume, 0-30. At 0, sound is muted and a mute icon appears in the top-left corner.
(3) **Bluetooth Call Volume:** incoming and outgoing call volume while connected via Bluetooth. Range: 0-30.

4. Display

(1) **Backlight brightness:** drag the slider to adjust. Range: 0-100%.
(2) Set the startup image and wallpaper.
(3) **Virtual Touch Keys:** enables a floating on-screen button. Touch it to reveal four buttons: Home, volume down, volume up and Back.

5. Navigation

(1) Drag the slider to adjust the navigation audio mixing ratio. Range: 0-100%.
(2) **GPS Detection:** shows the total number of satellites detected and the number currently in use.

6. Vehicle setting

(1) With parking-light detection enabled, the system switches automatically to night mode when the lights are switched on, and the touch-key illumination increases.
(2) With handbrake detection enabled, video playback is restricted according to the handbrake signal and a warning may appear in the video screen.
(3) **External Video Input Signal:** select audio/video input or front-camera view as the external video input function.

Editorial note. The source contradictorily states that an applied handbrake is treated as vehicle motion. Check actual handbrake detection with the installer while the vehicle is stationary.

7. Account

(1) Touch **Add Account** and sign in with your Google account in the dialogue.
(2) When enabling automatic app data synchronisation, confirm the prompt to synchronise app data associated with the Google account to the network.

8. Date and Time

Enable **Automatic Time Setting** to use the time supplied by the network. When disabled, the date and time can be set manually.

3.9 Settings: system and device information

9. Language and input method

(1) Select the interface language. The source states that 15 language packs are supported.
(2) Select the Android keyboard or a third-party input application.

10. System

(1) **System Restart:** opens a confirmation dialogue. Confirm to shut down and restart the system.

(2) **System Upgrade:** opens a password prompt. After the correct password is entered, the device checks for an available upgrade package.

(3) **Factory Reset:** deletes all data from internal storage, including the Google account, system and app data and settings, downloaded applications, music, photos and other user data.

11. Factory setting

This menu configures device functions. Enter the correct access password to open it. To ensure normal operation, users are advised not to change these settings.

12. About Device

Displays current device information, including serial number, screen information, software version and MCU version.

4. Frequently asked questions

1. The phone will not connect to the car's Bluetooth

Turn the phone's Bluetooth off and back on, search for devices and try connecting again. If this does not work, reset Bluetooth settings, wait a few seconds, then pair and connect again.

2. No sound when playing Bluetooth music

Make sure the paired phone is outputting audio.

3. Nothing happens when downloading the phonebook

After Bluetooth connection, touching the phonebook download sends a contact access request to the phone. Confirm and allow this request on the phone before downloading.

4. The Bluetooth name does not update after changing it

If the name does not update immediately, disconnect Bluetooth and pair the devices again.

5. The music list does not update immediately after connecting storage

After a storage device is connected, the music player detects and scans its data. A large amount of data can take a few seconds to approximately one minute to update.

If the list still does not update, check whether the storage device has been detected: open the file manager and look for its storage directory. If no directory is shown, reconnect the storage device or check the hardware.

6. Track names contain garbled characters

The displayed track title is not necessarily the filename. If the track metadata uses an uncommon character encoding or one that does not match the language encoding in use, display errors may occur.

Original end-of-manual marking: EARTH VIETNAM CORPORATION · CODE · ICT.