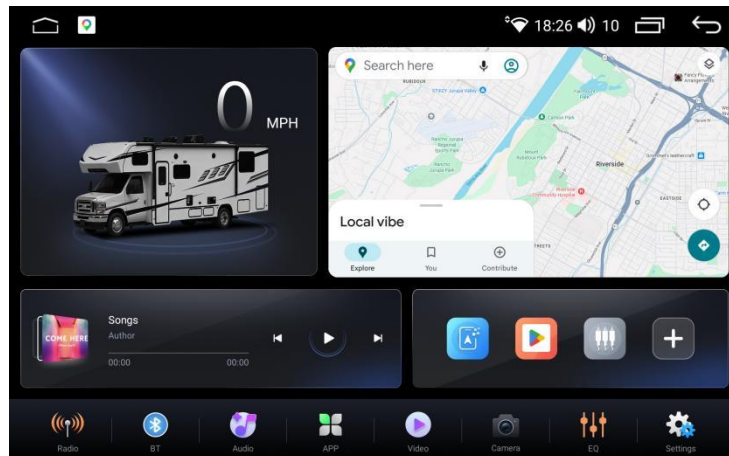


LINKS2

Android Head Unit with Floating Screen

User Manual

V2.1



Copyright

This document is copyright 2026 under the Creative Commons agreement. Rights are granted to research and reproduce elements of this document for non-commercial purposes on the condition that LINKS2 is credited as the source. Electronic re-distribution of the document in any format is restricted, to maintain quality and version control.

Important

LINKS2 strives to ensure all information is correct at the time of printing. However, the company reserves the right to change without notice any features and specifications of either its products or associated documentation.

Caution: In the event that there is a difference between a translation of this manual and the English version, the English version should be considered the official version.

It is the owner's sole responsibility to install and operate the device in a manner that will not cause accidents, personal injury or property damage.

Use Of This Manual

Copyright © 2026 LINKS2. All rights reserved. Reproduction, transfer, distribution or storage of part or all of the contents in this document in any form without the prior written permission of LINKS2 is prohibited. This manual serves as a guideline for the safe and effective operation, maintenance and possible correction of minor malfunctions of the Smart Control System.

Content

1 General Information	4
1.1 Overview Of The Manual	4
1.2 Guarantee Specifications	4
1.3 Warranty	4
1.4 Validity Of This Manual	5
1.5 Liability	5
1.6 Safety	5
1.7 FCC Statement	6
2 Overview	7
2.1 Specifications	8
2.2 Wiring Harness Diagram	9
2.2.1 Harness List	9
2.2.2 Harness Diagram	10
3 Functions Introduction	10
3.1 Homepage	10
3.2 Functions	11
3.2.1 Raido	12
3.2.2 Bluetooth	15
3.2.3 Audio	21
3.2.4 App Launcher Page	23
3.2.5 Links2 RV	23
3.2.6 Camera	24
3.2.7 EQ	25
3.3 Settings	32
3.3.1 Wi-Fi	32
3.3.2 Device	33
3.3.3 General	34
3.3.4 Factory	37
3.3.5 User	43
3.3.6 System	44

1 General Information

1.1 Overview Of The Manual

This manual provides a comprehensive guide to the operation, configuration, and maintenance of the RV Smart Control System. It is designed to help you understand how to safely and effectively use the system's features for monitoring and controlling various functions of your RV, including radio, blue-tooth, audio, links2RV, camera, EQ.

Before operating the system, please read this manual carefully to become familiar with all features and safety precautions. Proper understanding and operation will ensure optimal performance, prevent damage to the system, and enhance your overall RV experience.

Keep this manual in your RV for future reference. It will be useful when updating software, diagnosing issues, or contacting customer support.

System design and functions may vary depending on the RV model and manufacturer's configuration. The information contained in this manual reflects the current version at the time of publication and is subject to change without prior notice.

1.2 Guarantee Specifications

LINKS2 guarantees that this model has been built according to the legally applicable standards and specifications. Should work take place which is not in accordance with the guidelines, instructions and specifications contained in this Installation manual, then damage may occur and/or the unit may not fulfil its specifications. All of these matters may mean that the guarantee becomes invalid.

1.3 Warranty

During their production and prior to their delivery, all of our products are extensively tested and inspected. The warranty does not apply to damages which may result from neglect, accidental or intentional damage, normal wear and tear, misuse of product, unauthorized repair, alteration, or abuse of the product. The standard guarantee period is 1 years.

1.4 Validity Of This Manual

All of the specifications, provisions and instructions contained in this manual apply solely to standard versions of the Smart Control System, delivered by LINKS2.

1.5 Liability

The manufacturer shall not be held liable for any damage, malfunction, or personal injury resulting from improper installation, misuse, modification, or failure to follow the instructions and safety information provided in this manual.

Any unauthorized repair, wiring change, or software modification may lead to system failure and will void the product warranty.

The user and installer are responsible for ensuring that all components are installed and operated in compliance with applicable safety standards, electrical codes, and local regulations.

The manufacturer is not responsible for losses or damages caused by external factors such as incorrect power supply, improper grounding, lightning strikes, or communication failures within the vehicle's electrical network.

Always consult your authorized dealer or service representative before making any changes to the system.

1.6 Safety

Please read and follow all safety instructions before using the Smart Control System. Proper operation and maintenance are essential to ensure safety and system reliability.

I Please read this section carefully before using the Smart Control System.

I Follow all instructions to ensure safe operation and prevent damage.

I Operate the system only when the RV is parked safely.

I Disconnect all power sources before installation or maintenance.

I Keep the control units dry and away from heat or direct sunlight.

I Do not open or modify any system components.

I Ensure all wiring and grounding are done by qualified personnel.

I Stop using the system immediately if any fault or abnormal condition occurs.

Keep this manual for future reference and follow all safety warnings shown on the display.

1.7 FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to

provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *Reorient or relocate the receiving antenna.
- *Increase the separation between the equipment and receiver.
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- *Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

2 Overview

2.1 Specifications

Item	Description
Operating System	• Chip-set: UIS8581A, Android 10 OS
	• 4GB LPDDR4 RAM + 64GB Flash Storage
	• CPU: Octa-core ARM Cortex- A55 @ up to 1.6GHz
	• GPU: Imagination IMG Power VR GE8322
	• Process Node: 28nm
DIN Chassis	Double DIN standard installation chassis Color: Black
Modular Screens	13-inch 2K HD Touchscreen, Resolution 1920×1200
Input Voltage	Rated Input: DC 14V
	• Operating Voltage Range: 9V ~ 17V
	• Max Input Current: 15A
USB	2× USB- A Ports, each rated 2A power output
	Audio Playback Supported Formats:
	M4A, MP3, WMA, WAV, AAC, MID, FLAC, OGG
	Video Playback Supported Formats:
	1080p@30fps, Bit rate up to 50Mbps (H.264)
FM/AM Tuner (w/RDS)	Tuner IC: ST- TDA7708
	AM Freq. Range: 530 kHz – 1710 kHz, 10 kHz step size
	FM Freq. Range: 87.5 MHz – 107.9 MHz, 200 kHz step size
UART1	Dedicated for Vehicle CAN Bus Interface
UART2	Dedicated for RV- C Interface
Auxiliary Camera Input(s)	One camera input(Rear camera)
	Support AHD 1080P resolution @ 25
Bluetooth (Dual Bluetooth)	Bluetooth Version: V5.2 minimum (Realtek 8761)
	Low- energy BLE supported (reserved for user identity recognition)
	Supported Bluetooth Profiles:
	• A2DP (Advanced Audio Distribution Profile) with aptX codec
	• AVRCP (Audio/Video Remote Control Profile)
	• AVCTP (Audio/Video Control Transport Protocol)
	• DID (Device ID Profile)
	• GAVDP (Generic Audio/Video Distribution Profile)
	• HFP (Hands- Free Profile)
	• OPP (Object Push Profile)
	• PBAP (Phone Book Access Profile)
	• RFCOMM
	• SPP (Serial Port Profile)
WIFI	Dual- Band 2.4GHz + 5GHz, IEEE 802.11 a/b/g/n/ac compliant
	Supported Security Modes:
	Open Network, WEP, WPA- Personal, WPA2- Personal

Item	Description
4G Cellular Network	• FDD-LTE: B2, B4, B5, B12, B14, B29, B25, B26
	• TDD-LTE: B38, B41
	• WCDMA: B2, B4, B5, B8
	• TD-SCDMA: B34, B39
	GSM Frequency Bands: 850/900/1900
Internal Amp	Amplifier IC: ST- TDA7851
	4x45W MOSFET Power Amplifier
GPS	Supports GPS, GLONASS & Beidou satellite systems
Pre-amp Outputs	3 groups stereo RCA outputs (Front / Rear / Subwoofer)
	Output Level: 1.4Vrms
	User configurable 2- way / 3- way electronic crossover
	2- way Mode: Independent High- Pass (HP) & Low- Pass (LP) crossover frequency adjustment
	• HP filter for Front/Rear channel outputs
	• LP filter for Subwoofer output
	3- way Mode: RCA outputs assigned to non- fading Low / Mid / High frequency channels separately
Phonelink	Wired & Wireless Android Auto support
	Wired & Wireless CarPlay support
Voice Commands	Siri voice assistant integration (for CarPlay)
	Google Assistant integration (for Android Auto)
Firmware Updates	Offline firmware upgrade via USB flash drive
External Microphone	External microphone input port available
Equalizer	32- band parametric EQ, independent GAIN & Q factor adjustable per band
	Factory Preset EQ Modes: Standard, Rock, Soft, Classical, Pop, Hall, Jazz
	Subwoofer output level adjustable independently from main EQ settings
Application Support	Built- in compatible apps & service access:
	Pandora, Spotify, YouTube, Google Play Store
	Onboard weather function (operable without local GNSS positioning)
Operating Temp.	Operating Temperature Range: -20°C ~ +70°C

2.2 Wiring Harness Diagram

2.2.1 Harness List



- | | |
|---|---|
| 1. XC01-N0629-A0 Power Cable | 9. WJ01-W0043-A0 Release Keys |
| 2. XC01-N0576-A0 20P Audio In&Output Cable with 4G slot | 10. XC10-W0014-A0 External Microphone |
| 3. XC01-N0323-A1 Radio Ant. | 11. XC11-W0016-A0 Wi-Fi Ant. |
| 4. XC01-N0628-A0 4P OEM USB Adapter | 12. XC11-W0015-A0 4G Ant. |
| 5. XC01-N0627-A1 10P Cam Inputs | 13. XC01-N0419-A0 4P USB Cable |
| 6. XC01-N0486-A0 8P Rear Audio Cable | 14. XC11-W0009-A0 GPS Ant. |
| 7. XC01-N0389-A0 6P USB Cable | 15. W1H051A-Y01E CAN Bus Decoder Box |
| 8. WJ01-W0043-A0 Installation Bracket | 16. WJ12-W0140-A0 Mounting Screws(2pcs) |

Remark: Use No.16 screws to secure the joint between the screen and main unit, avoiding screen vibration while the vehicle is moving.

See the below image.



2.2.2 Harness Diagram



- 1.XC01-N0629-A0 Power Cable
- 2.XC01-N0576-A0 20P Audio In&Output Cable with 4G slot
- 3.XC01-N0323-A1 Radio Ant.
- 4.XC01-N0628-A0 4P OEM USB Adapter
- 5.XC01-N0627-A1 10P Cam Inputs
- 6.XC01-N0486-A0 8P Rear Audio Cable
- 7.XC01-N0389-A0 6P USB Cable
- 12.XC11-W0015-A0 4G Ant.
- 13.XC01-N0419-A0 4P USB Cable
- 14.XC11-W0009-A0 GPS Ant.

3 Functions Instruction

3.1 Homepage



1.Status Bar

2.Apps Quick Launch Panel

3.Functions Bar:

Tap for quick start the Radio/Audio/App/Links2 RV/Camera/EQ/Settings.

3.2 Functions

3.2.1 Radio



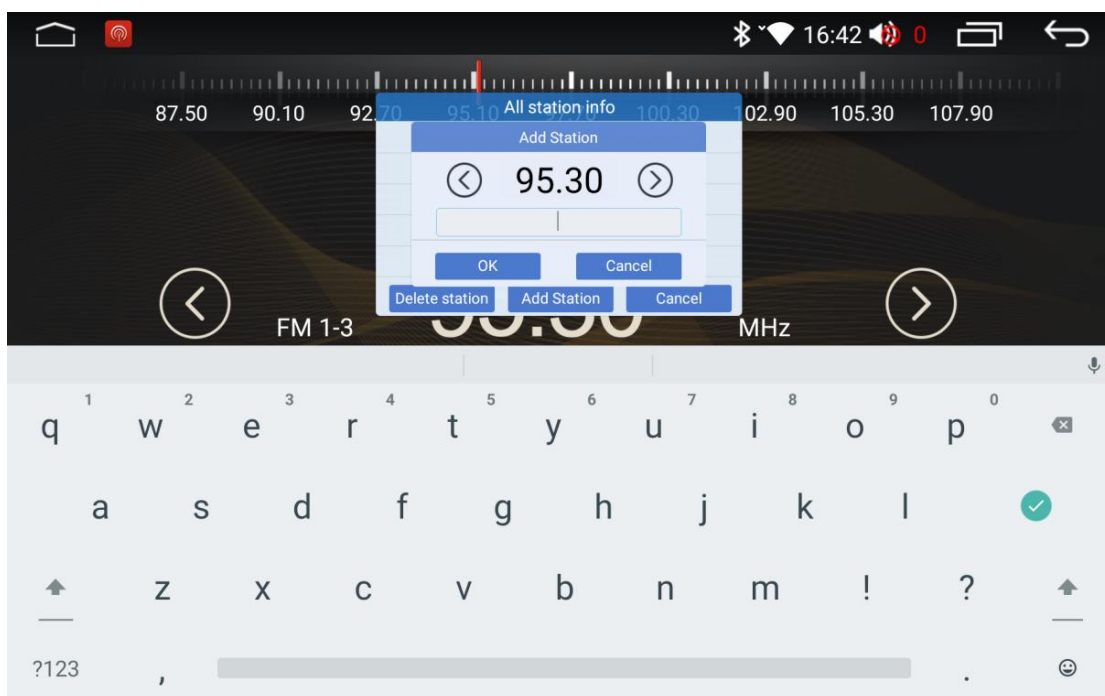
1. **Band:**Select AM or FM

2. **Stereo:**Select MONO or ST

3. **Short Press:**10s Scan/Long Press:Auto Scan & Save

4. **Select LOC**

5. Station info and Manual Add Station



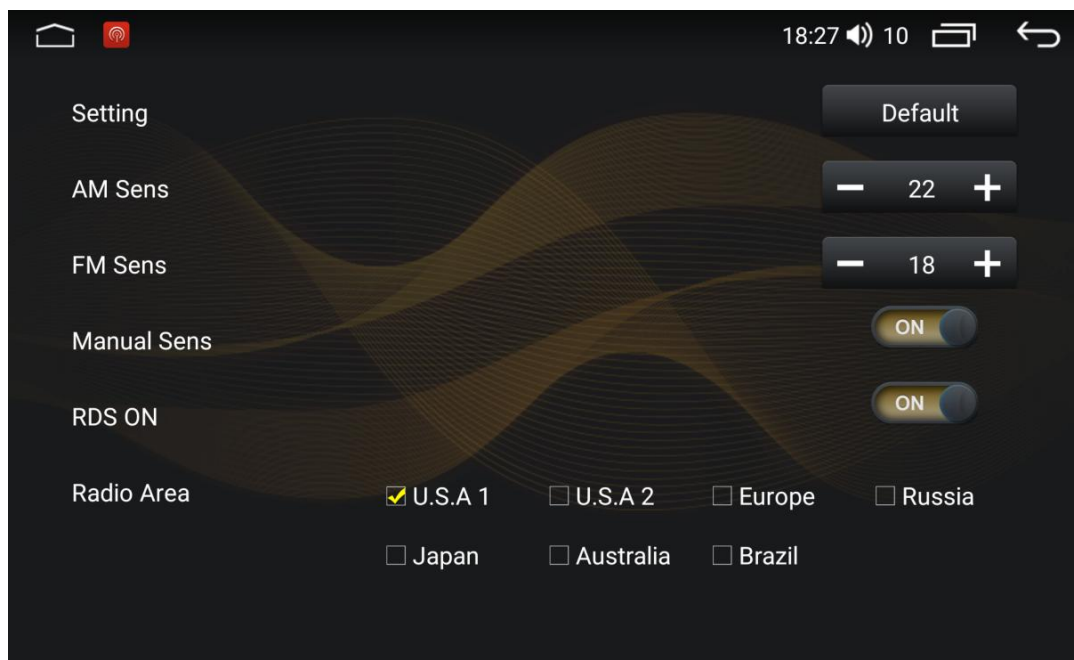
Swipe Left on Radio Toolbar



6. Save the current station

7. Settings:

Restores all radio setting to factory default values
AM/FM/Manual Sens/RDS/Radio Area



3.2.2 Bluetooth

3.2.2.1 Recent Call History

Shows recent incoming/outgoing/missed calls with contact info and timestamps. Use buttons to filter, delete logs, or sync records.



Blue icon: Incoming calls

Green icon: Outgoing calls

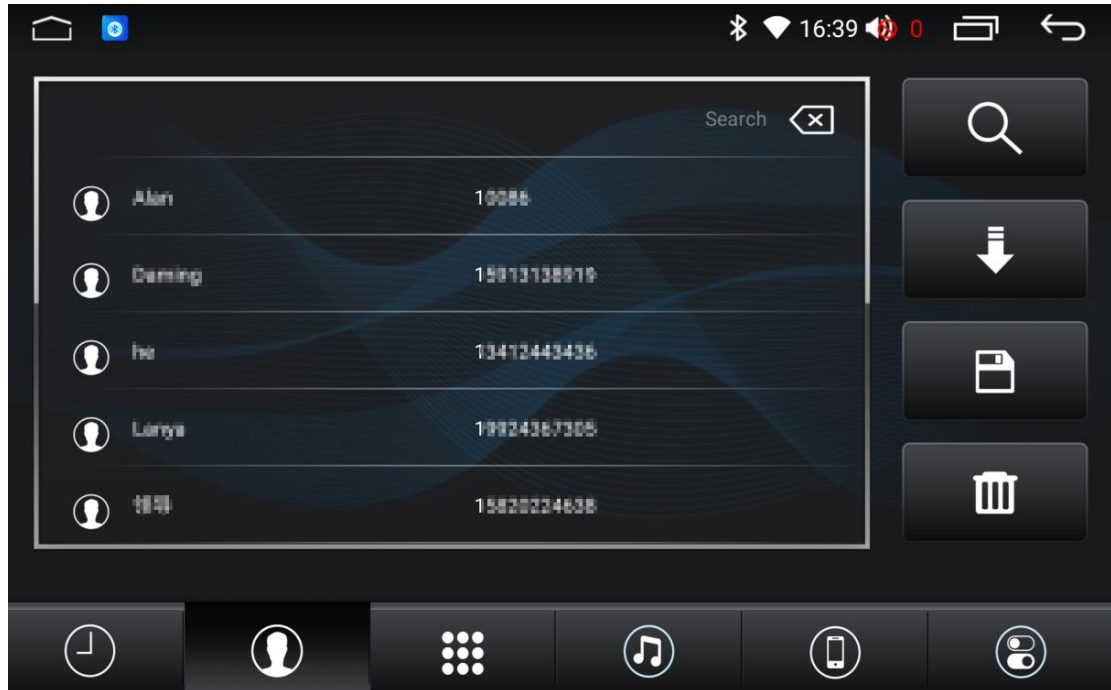
Red icon: Missed calls

Trash icon: Delete call logs

Down Arrow icon: Sync/refresh call history

3.2.2.2 Phonebook Overview

Displays synced contacts with names and numbers. Use the buttons to search, download/sync, save, or delete contacts.



Magnifying glass: Search Contacts

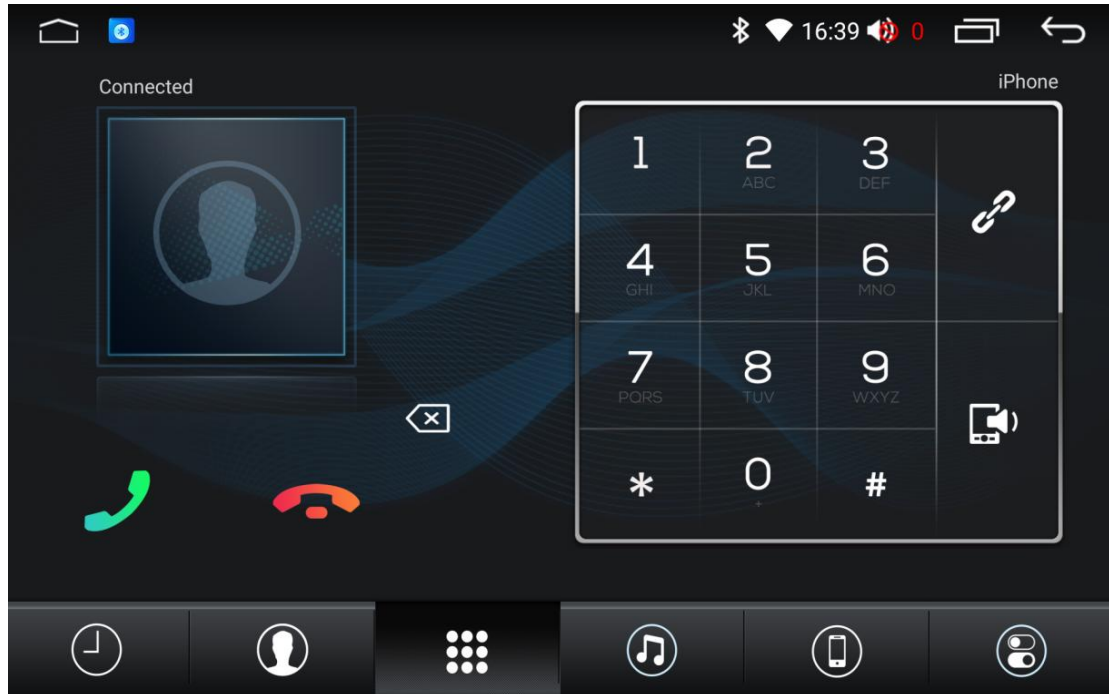
Download arrow: Sync/Download Contacts

Floppy disk icon: Save Contacts

Trash icon: Delete Contacts

3.2.2.3 Dial Pad

Bluetooth calling keypad for manual number entry, call initiation/end, and in-call functions like speakerphone.



Green phone icon: Answer Call / Dial

Red phone icon: End Call / Hang Up

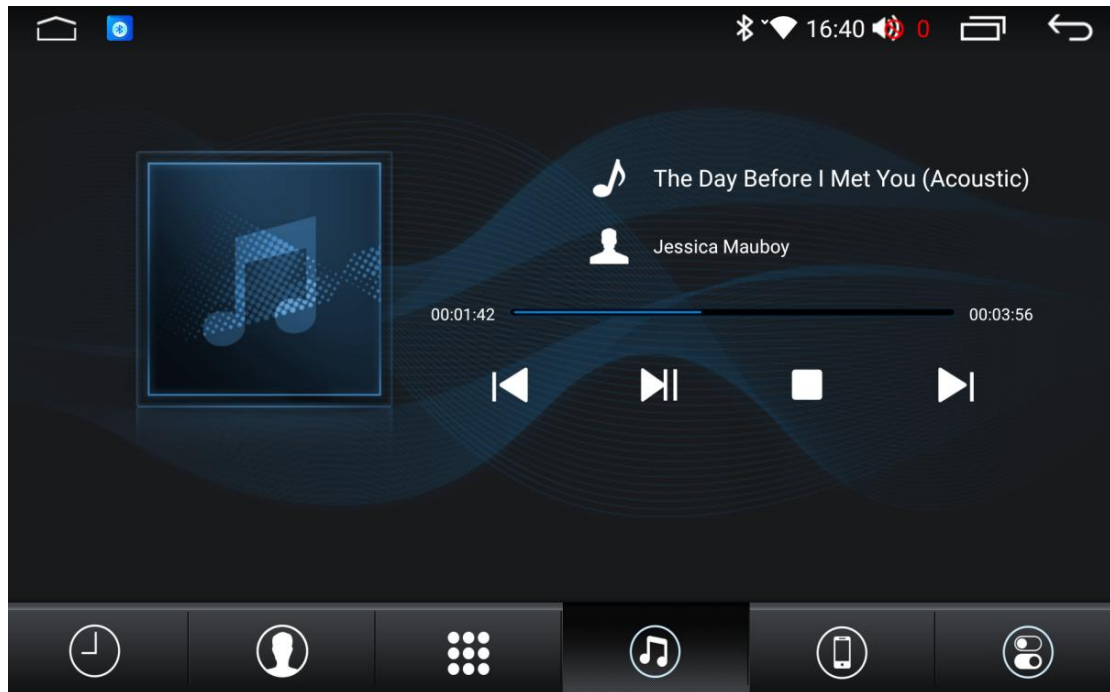
Keypad (0-9, *, #): Dial Number

Link icon: Bluetooth Connection / Pairing

Speakerphone icon: Hands-Free Mode

3.2.2.4 BT Music

Plays audio from your paired device, with track info, playback controls (previous/play/pause/stop/next), and progress bar.



Previous Track



Play / Pause



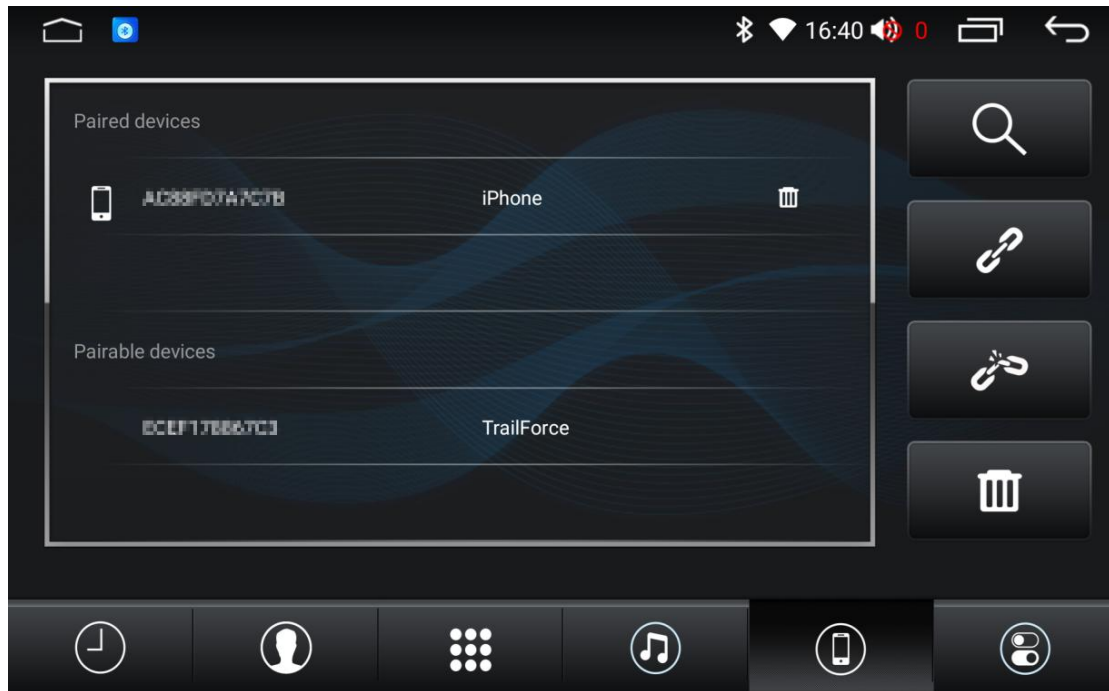
Stop



Next Track

3.2.2.5 Bluetooth Device Manager

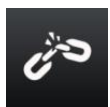
View, pair, connect, disconnect, and delete Bluetooth devices.



Scan for discoverable Bluetooth devices



Pair/connect to a selected device



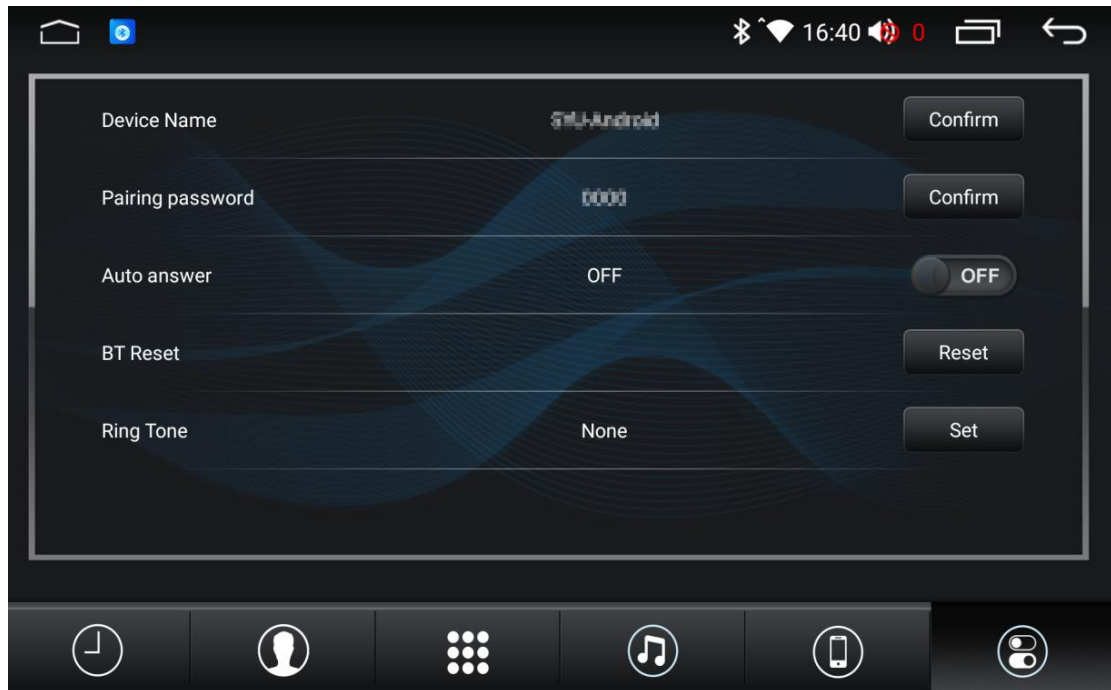
End the Bluetooth connection



Remove a paired device from the list

3.2.2.6 Bluetooth Settings

Configure device name, pairing password, auto-answer, reset Bluetooth, and set ringtone.



Device Name: Set the name shown to other devices during pairing

Pairing password: Set the PIN code required for Bluetooth pairing

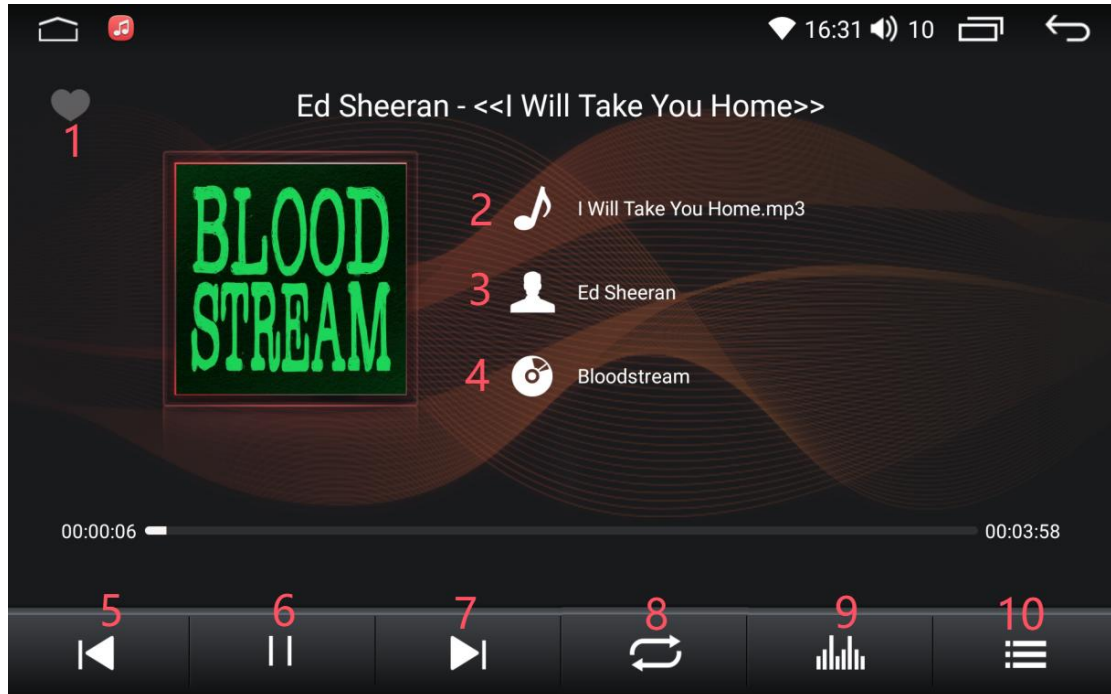
Auto answer: Toggle automatic call answering on/off

BT Reset: Clear all paired devices and restore default Bluetooth settings

Ring Tone: Select a custom ringtone for incoming Bluetooth calls

3.2.3 Audio

Plays local audio files, displaying track info, album art, playback controls, progress bar, repeat mode, equalizer, and playlist options.



1. Mark/unmark track as favorite

2. Song's Name

3. Artist

4. Album Name

5.Previous: Go to previous track

6.Play/Pause: Play or pause current track

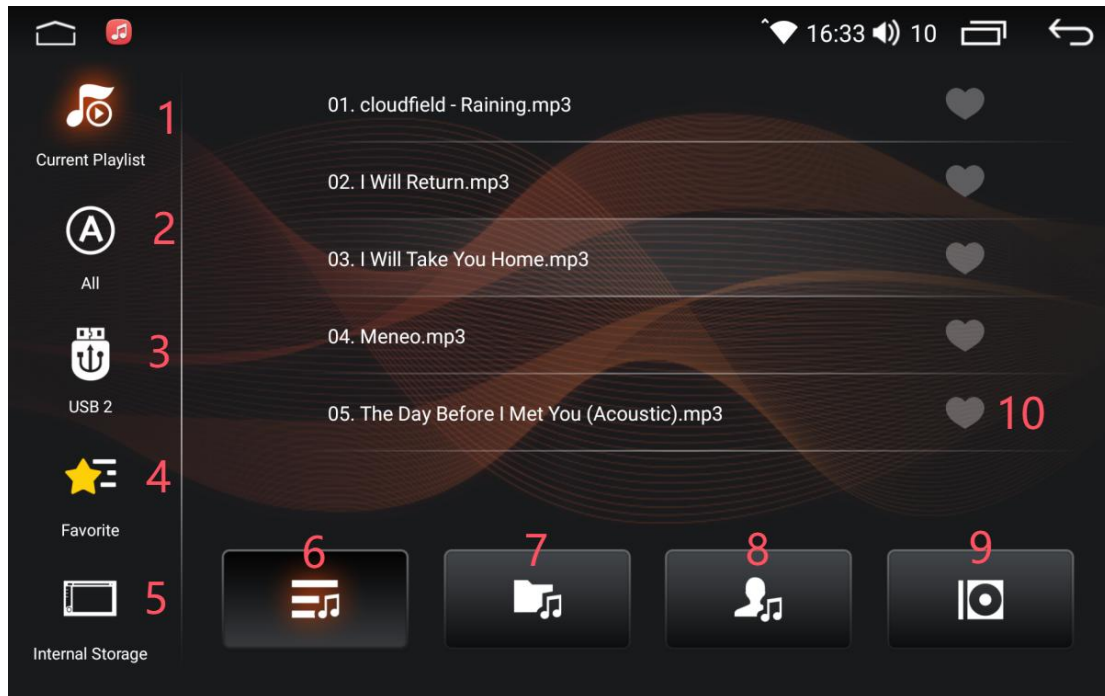
7. Next: Skip to next track

8.Repeat: Toggle repeat mode (all/one/off)

9.Equalizer: Adjust sound settings/equalizer

10.Playlist: View full music playlist

Music playlist and source selection interface. It lets you browse audio files from different sources, view playlists, mark favorites, and filter tracks by category.



1. **Current Playlist** :Displays the list of tracks in the currently playing playlist.
2. **All**: Shows all audio files detected by the player, regardless of source.
3. **USB 2**: Accesses music files stored on the connected USB drive.
4. **Favorite** :Shows tracks you have marked as favorites.
5. **Internal Storage**: Browses music files saved in the device's internal memory.
6. **Playlist View**: Lists tracks in playlist/title view mode.
7. **Folder View**: Browses music by the folder structure they are stored in.
8. **Artist View**: Groups and displays tracks by artist name.
9. **Album View** :Organizes and shows tracks by album.
10. **Favorite Toggle**: Tap the heart icon to mark or unmarked a track as a favorite.

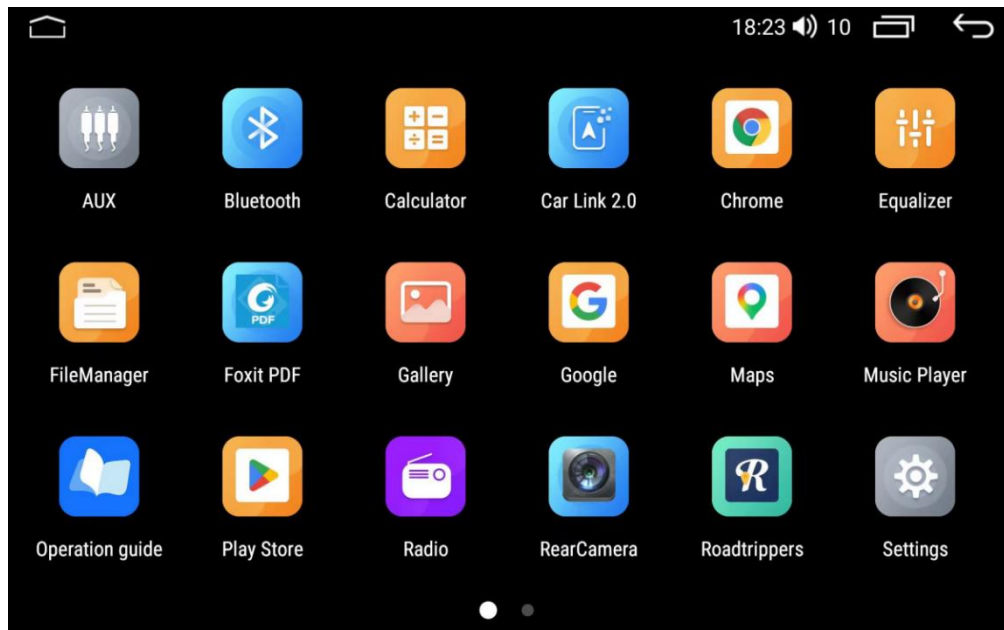
3.2.4 App Launcher Page

Main app launcher of the car infotainment system. It provides quick access to all

User Manual

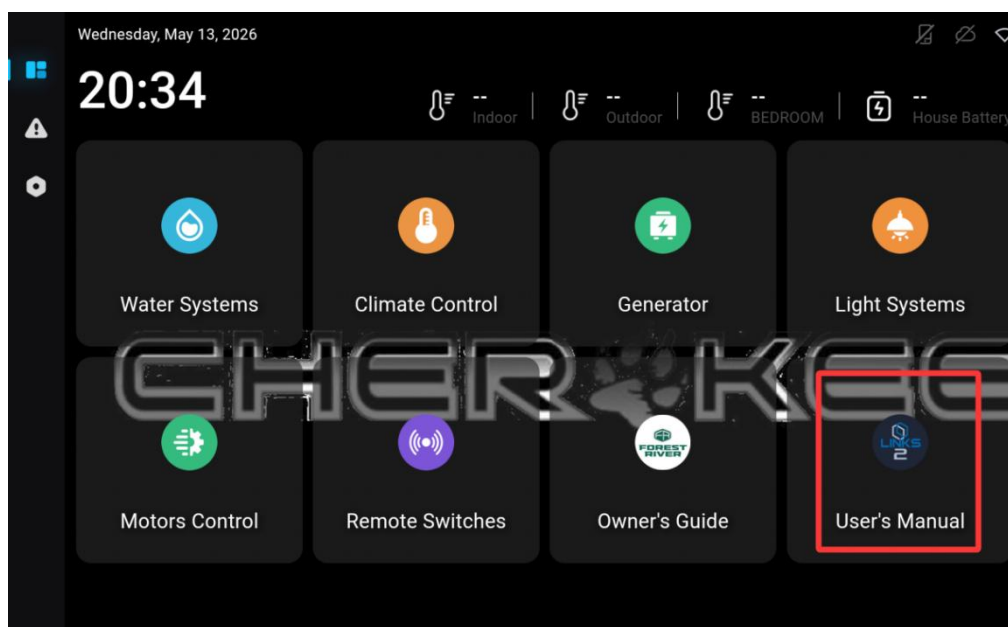


built-in and installed applications, categorized into media, connectivity, productivity, navigation, and system settings.



3.2.5 Links2 RV

For more information on Lins2 RV features, please tap the User's Manual e-document in the bottom-right corner.



3.2.6 Camera

Shows live feed from the rear camera, with controls for image view and camera settings.

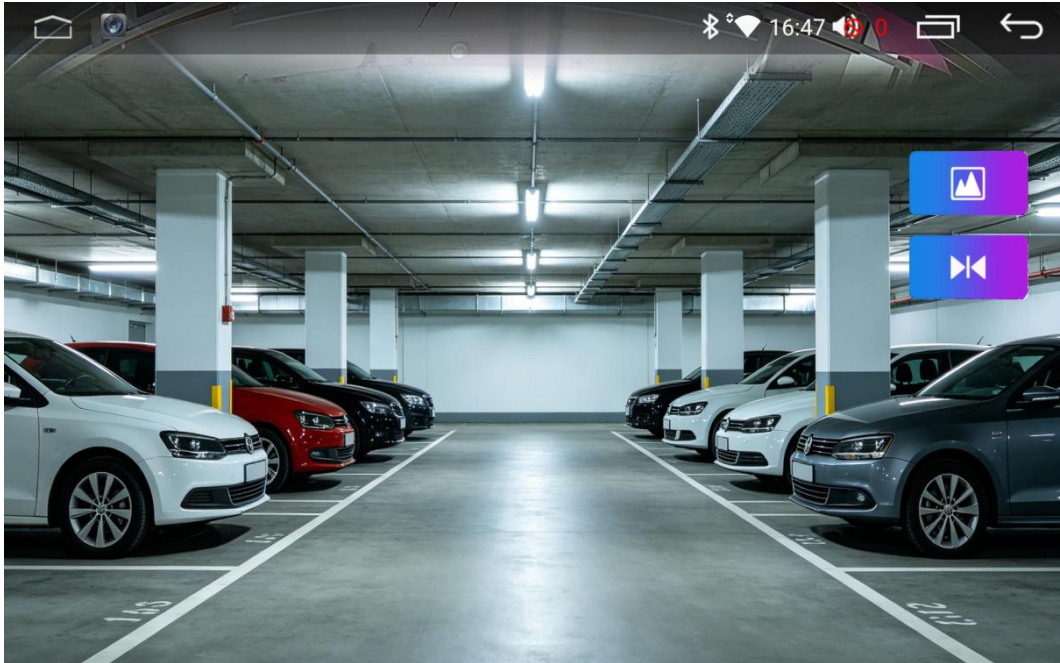
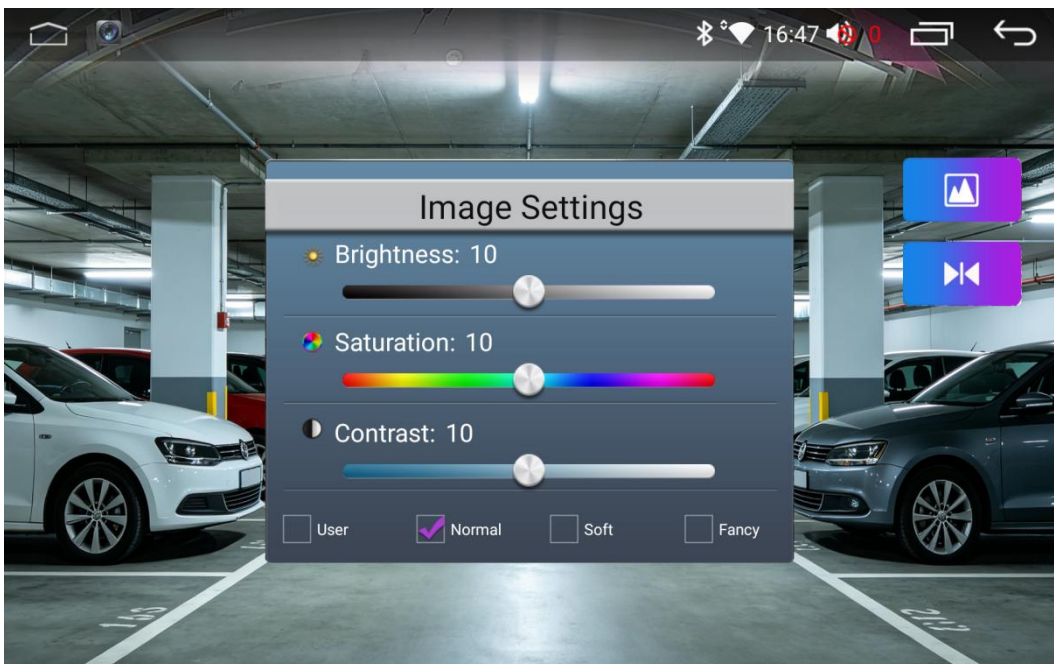


Image Button: Access saved snapshots or adjust image display settings



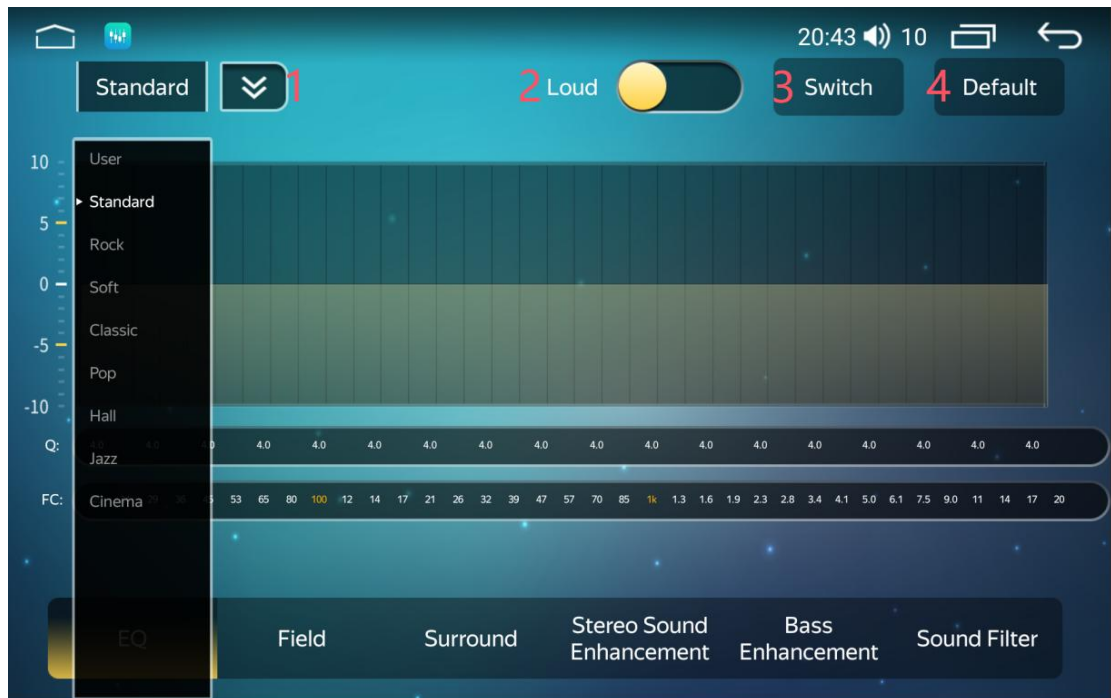
Modify the camera view (e.g., mirror image, adjust brightness/contrast)



3.2.7 EQ

3.2.7.1 EQ Home Page

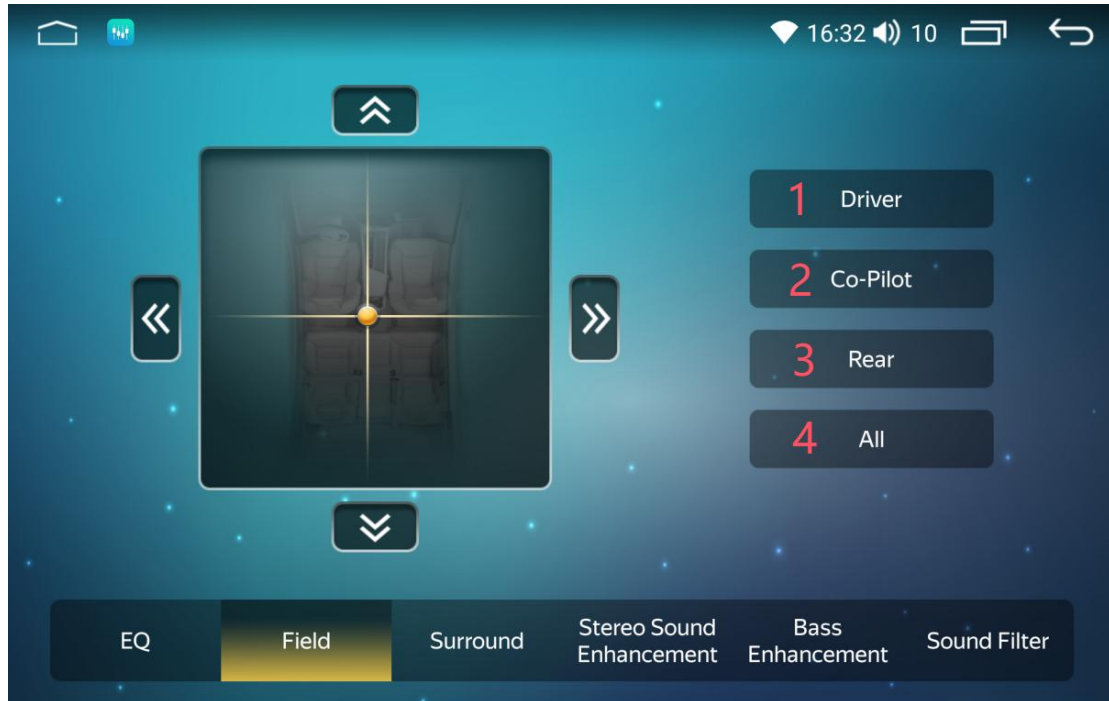
Audio equalizer (EQ) to adjust audio output with preset sound profiles, equalizer controls, and additional sound enhancement features.



1. **Preset Sound Profiles Dropdown:** Opens a menu of predefined EQ modes (e.g., Standard, Rock, Classic, Pop, Jazz, Cinema) to quickly adjust sound characteristics for different music genres.
2. **Loudness Adjustment Slider:** Controls the loudness enhancement feature, which boosts bass and treble at low volumes to improve perceived sound quality.
3. **Sound Enhancement Switch:** Toggles advanced audio processing features (such as loudness, surround sound, or bass enhancement) on or off.
4. **Default Button:** Resets all equalizer and sound settings to their factory default values.

3.2.7.2 Field

Sound Field / Speaker Position Adjustment interface, used to set the optimal listening position for the audio system.

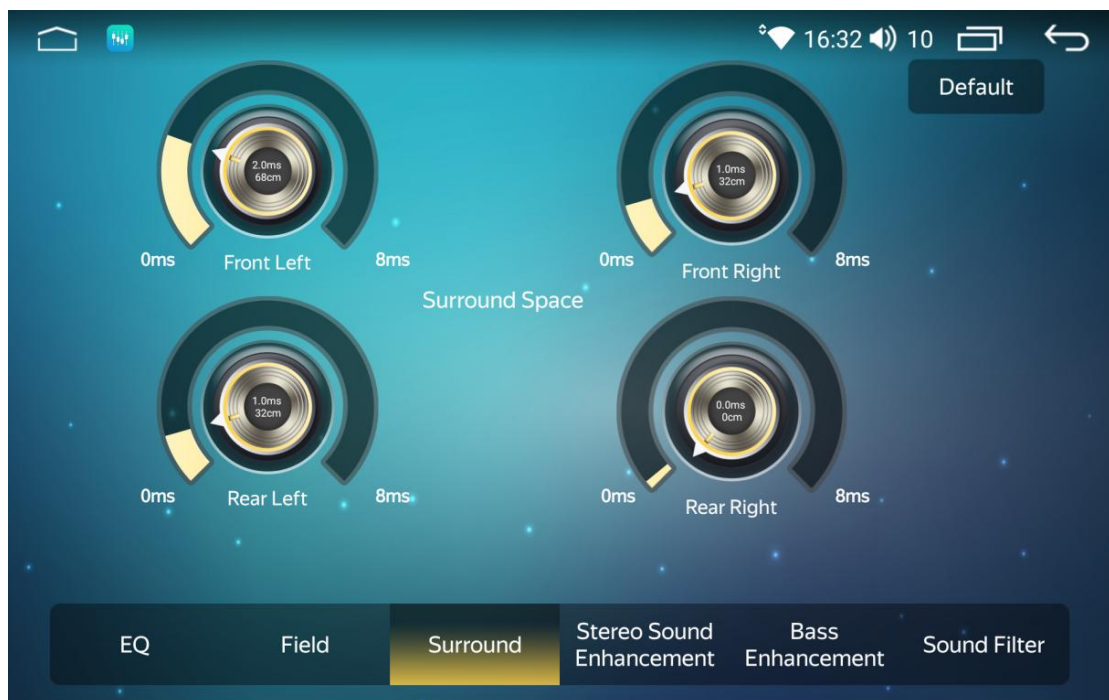


- 1.**Driver:** Adjusts the sound field focus to the driver's seat, optimizing audio for the person in the driver position.
2. **Co-Pilot:** Adjusts the sound field focus to the front passenger seat.
- 3.**Rear:** Adjusts the sound field focus to the rear passenger area.
- 4.**All:** Sets the sound field to balance evenly across all seats for a uniform listening experience.

3.2.7.3 Surround

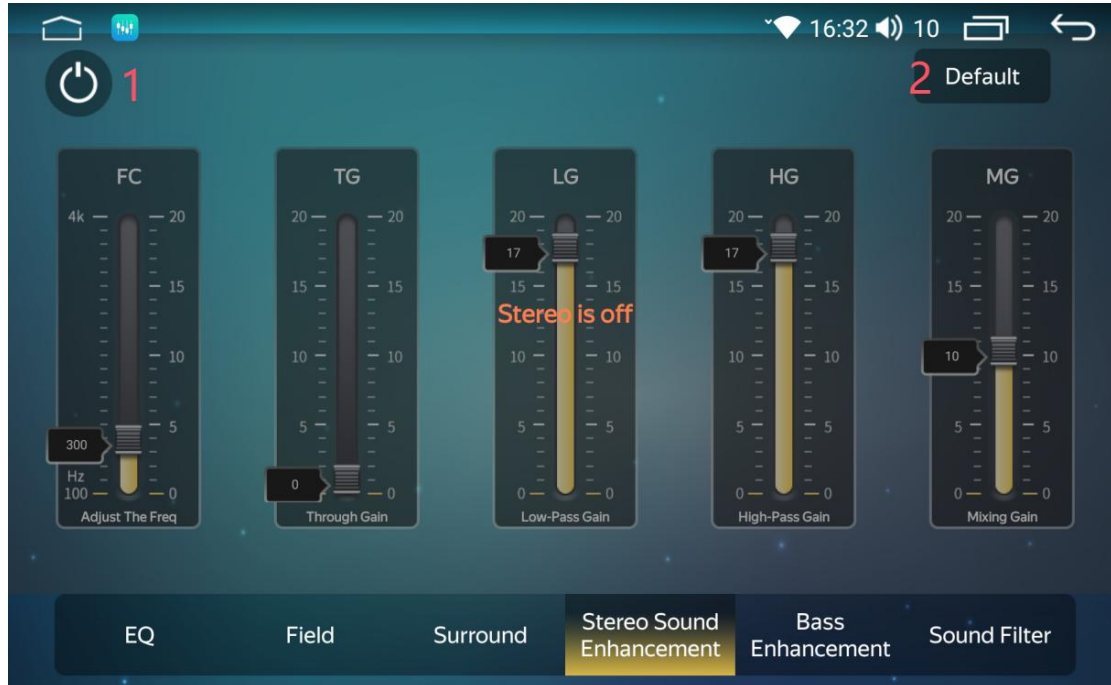
Adjust the time alignment (delay) for each speaker (Front Left, Front Right, Rear Left, Rear Right). The delay values (in milliseconds, ms) and corresponding distance (in centimeters, cm) can be fine-tuned to match the speaker-to-listener distance. This ensures sound from all speakers arrives at your ears simultaneously, creating a cohesive, centered sound stage.

Default Button: Restores all surround and time alignment settings to the original factory configuration.



3.2.7.4 Stereo Sound Enhancement

Stereo Sound Enhancement interface, used to adjust advanced audio processing features for wider sound stage and spatial effects.



1. **Power Toggle:** Turns the Stereo Sound Enhancement feature on or off. When disabled, the status “Stereo is off” is displayed.

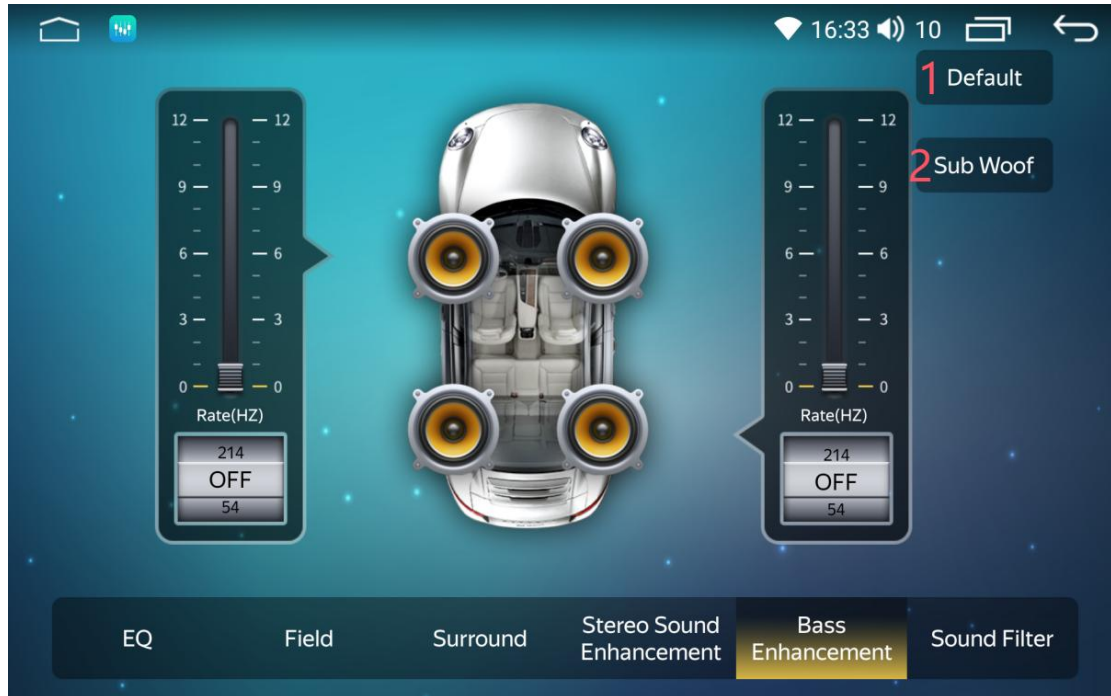
2. **Default Button:** Resets all stereo enhancement settings to their factory default values.

Slider Controls Overview:

- **FC (Adjust The Freq):** Adjusts the core frequency range for the stereo enhancement effect (100 Hz – 4 kHz).
- **TG (Through Gain):** Controls the direct sound level that passes through unprocessed.
- **LG (Low-Pass Gain):** Adjusts the gain of the low-frequency stereo enhancement effect.
- **HG (High-Pass Gain):** Adjusts the gain of the high-frequency stereo enhancement effect.
- **MG (Mixing Gain):** Controls the overall blend level of the enhanced stereo effect with the original signal.

3.2.7.5 Bass Enhancement

Bass Enhancement / Subwoofer Control, used to adjust the bass response and subwoofer settings for your car audio system.

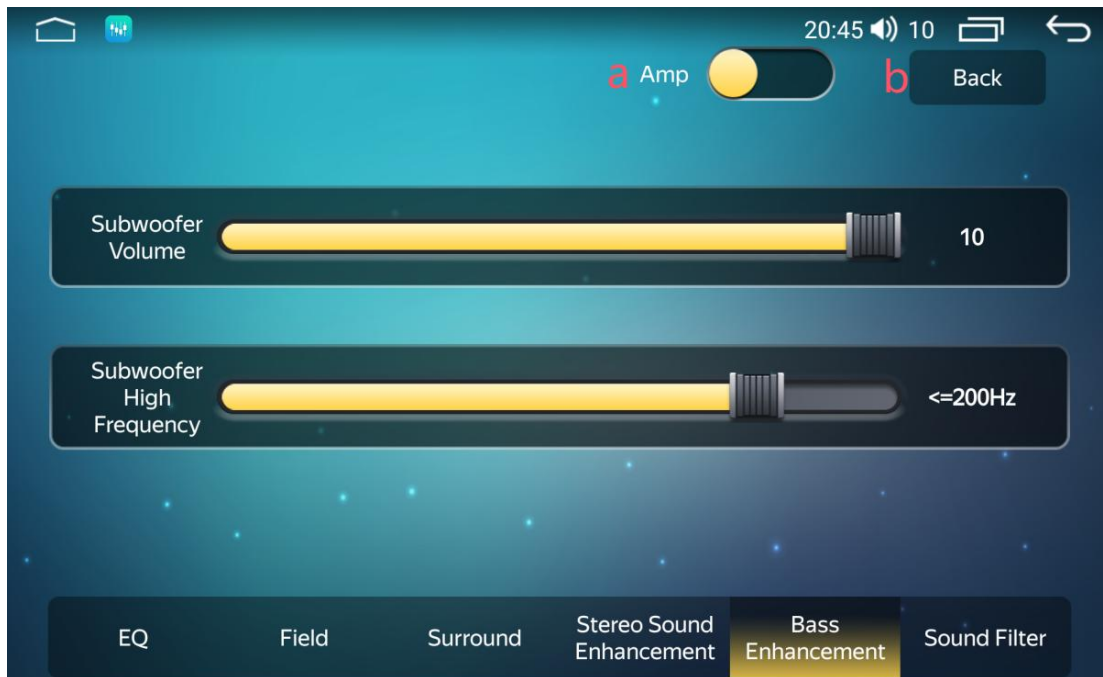


1. **Default Button** Resets all bass enhancement and subwoofer settings to their factory default values.

Additional Controls

The left slider adjusts the main bass enhancement level for the front speakers, while the central car diagram visually represents the audio system layout. The bottom navigation bar provides quick access to other audio settings like EQ, sound field, and surround sound.

2. **Sub Woofer (Subwoofer) Controls** Adjusts the gain and crossover frequency for the subwoofer channel. The sliders control the bass level, while the frequency selector (54Hz–214Hz) sets the low-pass filter point for the subwoofer output. The “OFF” toggle disables the subwoofer entirely.



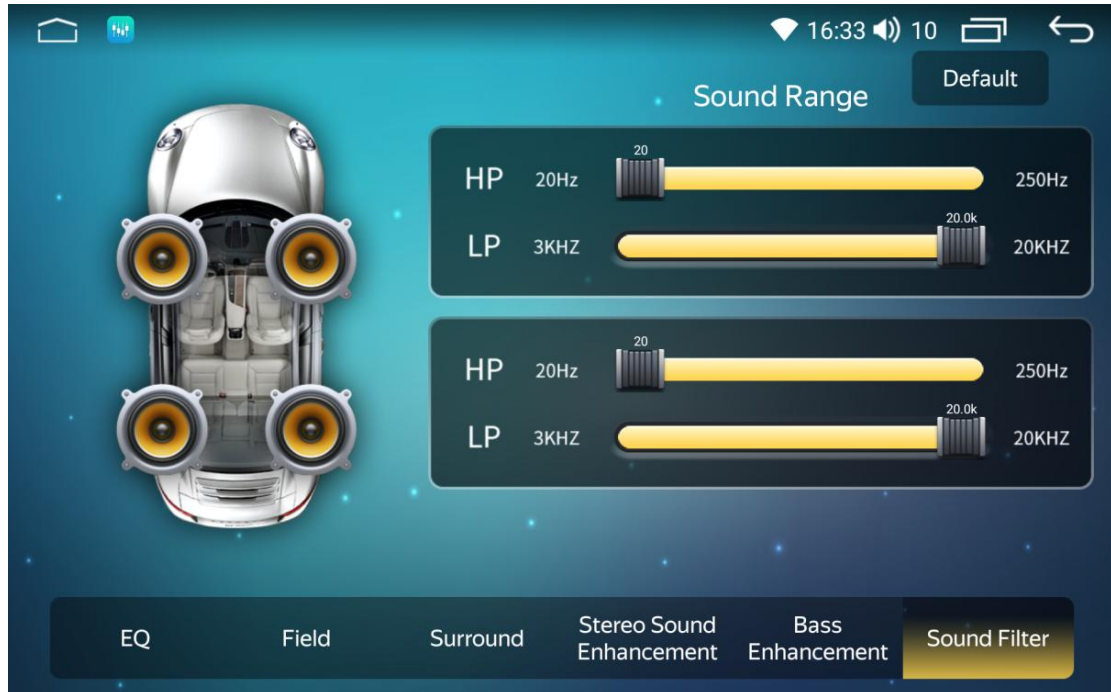
- a. **Amp Toggle** Turns the subwoofer amplifier (bass enhancement) on or off. When enabled, the subwoofer and related bass settings become active.
- b. **Back Button** Returns to the previous audio settings menu.

Additional Controls

- **Subwoofer Volume:** Adjusts the output level of the subwoofer channel.
- **Subwoofer High Frequency:** Sets the low-pass filter cutoff frequency (up to 200Hz), controlling the highest frequency the subwoofer will reproduce.

3.2.7.6 Sound Filter

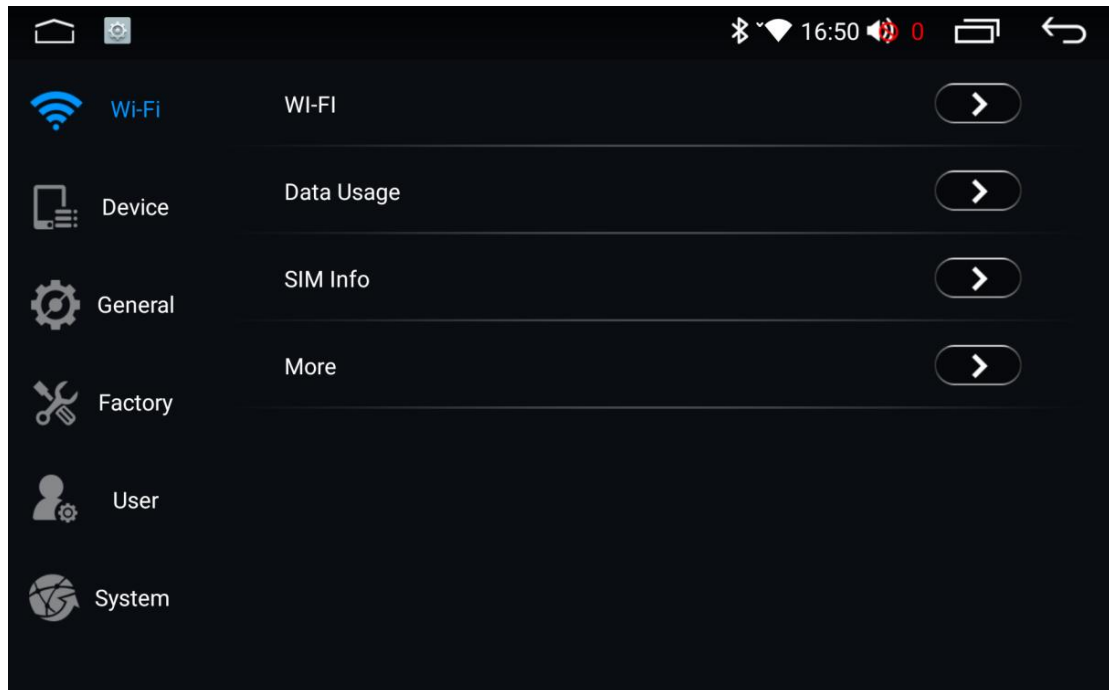
Sound Filter (Speaker Crossover) Settings interface, used to configure the high-pass (HP) and low-pass (LP) frequency ranges for the car audio speakers.



- **HP (High-Pass Filter):** Sets the minimum frequency the speaker will reproduce (filters out frequencies below this point). The adjustable range is 20Hz to 250Hz.
- **LP (Low-Pass Filter):** Sets the maximum frequency the speaker will reproduce (filters out frequencies above this point). The adjustable range is 3kHz to 20kHz.

3.3 Settings

3.3.1 Wi-Fi



Wi-Fi: Manage Wi-Fi connections, network settings, and available networks.

Device: Configure device-related settings, including data usage monitoring and SIM card information.

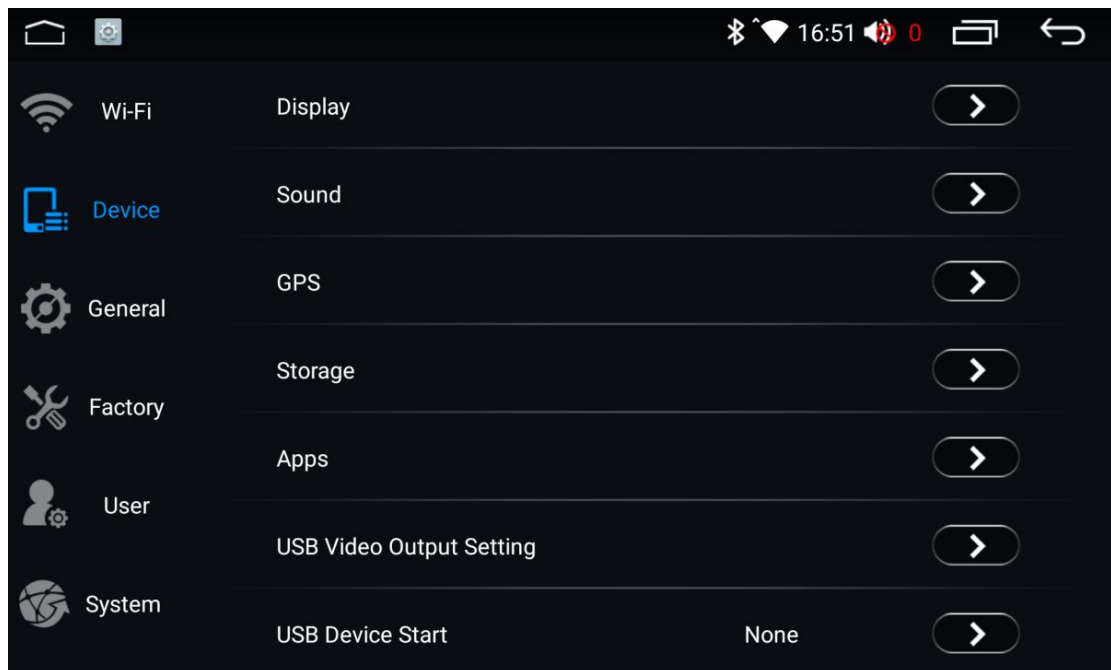
General: Access core system preferences and additional connectivity options.

Factory: Advanced factory settings, technical configurations, and service-related tools.

User: Manage user profiles, accounts, and personalized preferences.

System: System-level settings, updates, and device information.

3.3.2 Device



Display: Adjust screen-related settings like brightness, timeout, and wallpaper.

Sound: Configure audio preferences such as volume levels, ringtones, and system sounds.

GPS: Manage location services and GPS receiver settings.

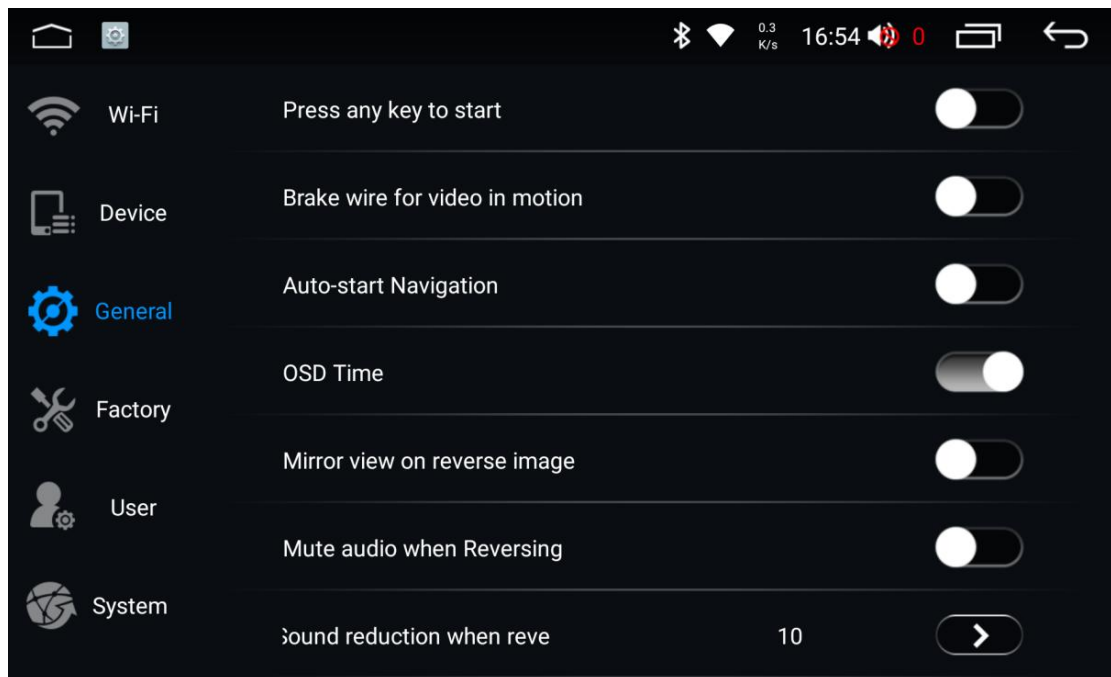
Storage: View and manage internal storage, SD card usage, and cached data.

Apps: Install, uninstall, or manage permissions and settings for installed applications.

USB Video Output Setting: Configure parameters for video output via USB (e.g., resolution, format).

USB Device Start: Set up actions or applications to launch automatically when a USB device is connected (currently set to *None*).

3.3.3 General



Press any key to start: Toggles the option to wake the system by pressing any hardware key.

Brake wire for video in motion: Enables video playback while the vehicle is moving (connected to the brake signal).

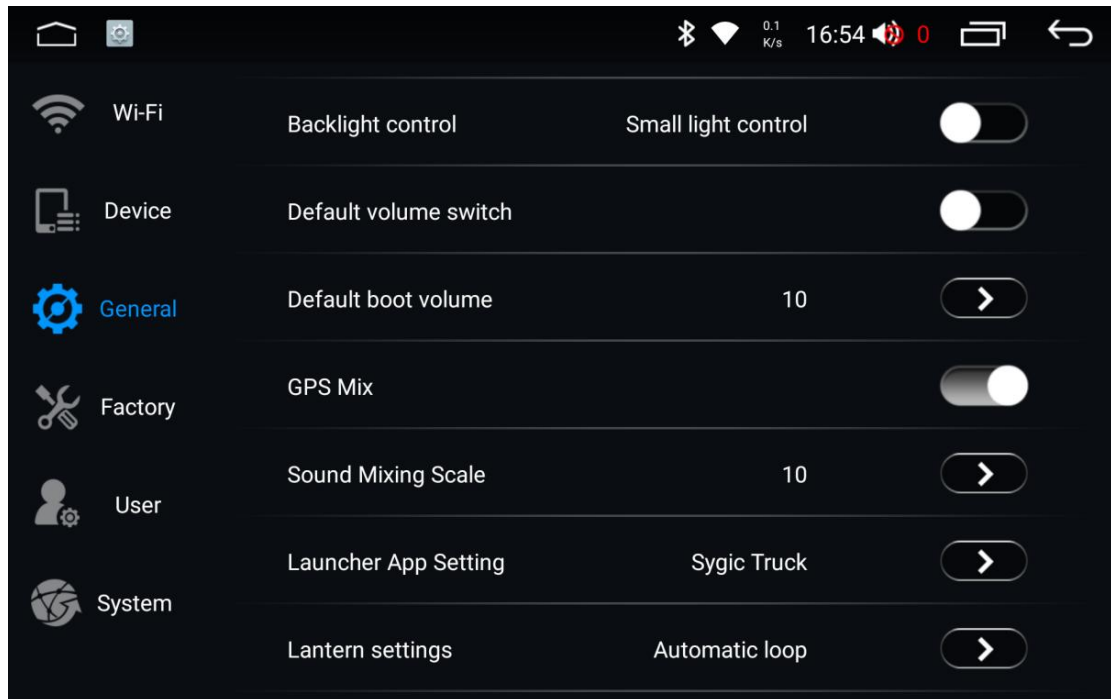
Auto-start Navigation: Automatically launches the navigation app when the system boots.

OSD Time: Displays the on-screen clock/information overlay.

Mirror view on reverse image: Flips the rear camera feed horizontally (mirror effect) for a natural perspective.

Mute audio when Reversing: Mutes or lowers the volume when the vehicle is in reverse gear.

Sound reduction when reversing: Adjusts the volume reduction level during reverse .



Backlight control / Small light control: Adjusts screen backlight brightness, linked to the vehicle's small light status.

Default volume switch: Enables a fixed default volume level at system startup.

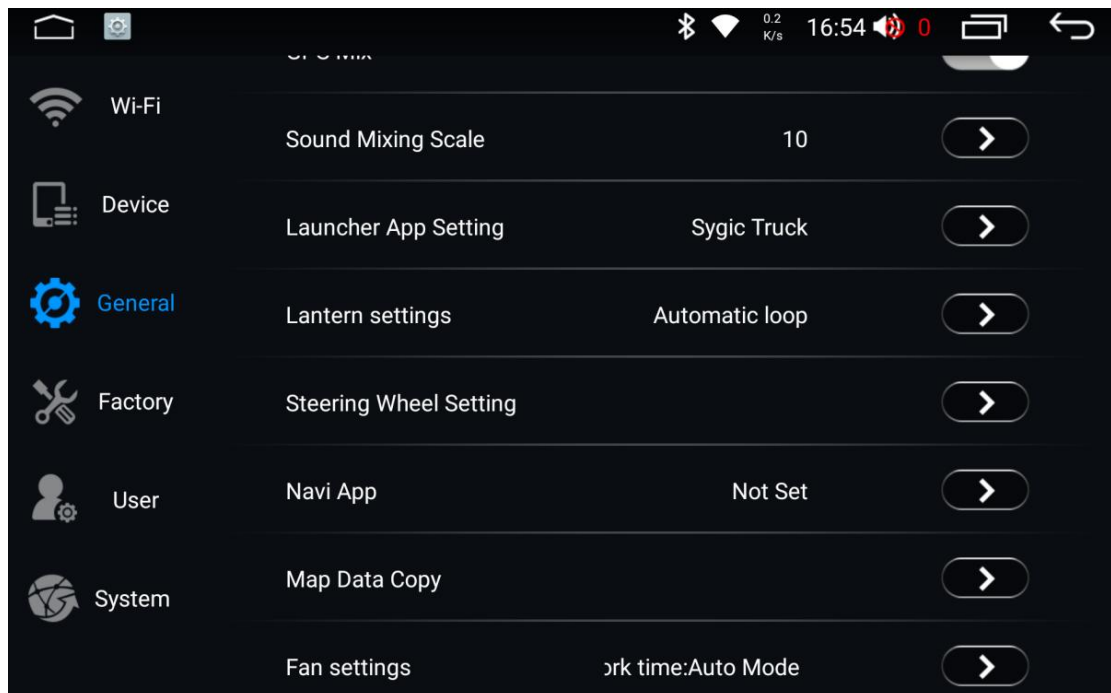
Default boot volume: Sets the audio volume level when the system powers on .

GPS Mix: Enables mixing of GPS audio prompts with other audio sources.

Sound Mixing Scale: Adjusts the balance/volume ratio between navigation prompts and media audio.

Launcher App Setting: Sets the default app to launch on system startup .

Lantern settings: Configures vehicle light/indicator behavior.



Steering Wheel Setting: Configures custom functions for steering wheel control buttons.

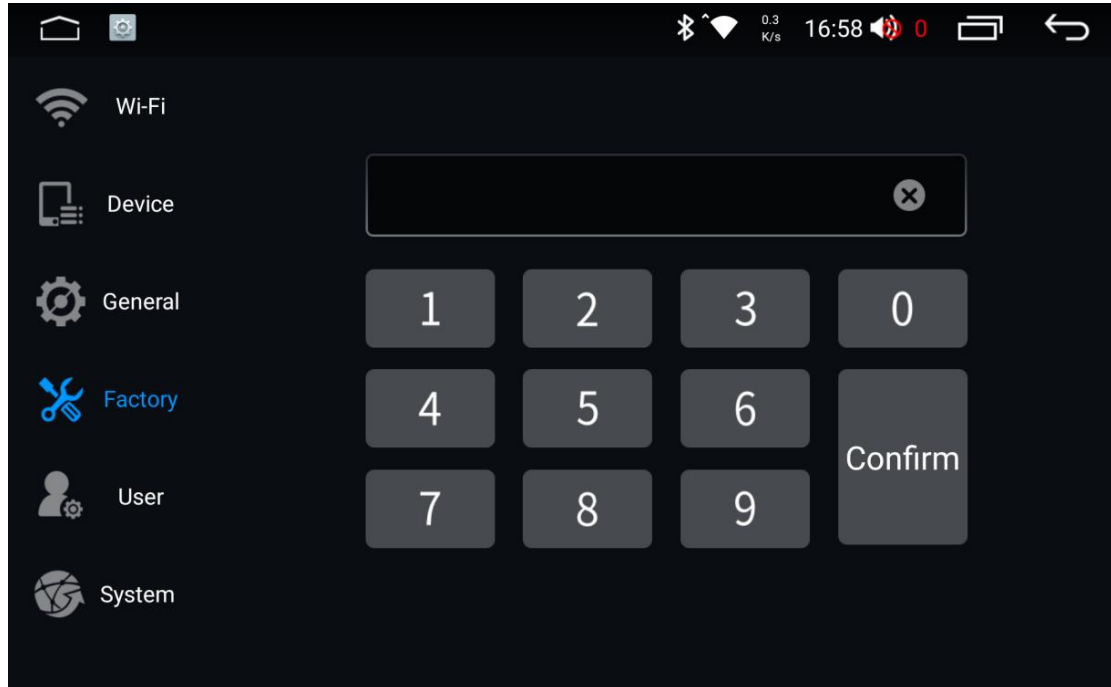
Navi App: Selects the default navigation application.

Map Data Copy: Copies navigation map data between storage devices (e.g., internal memory and USB).

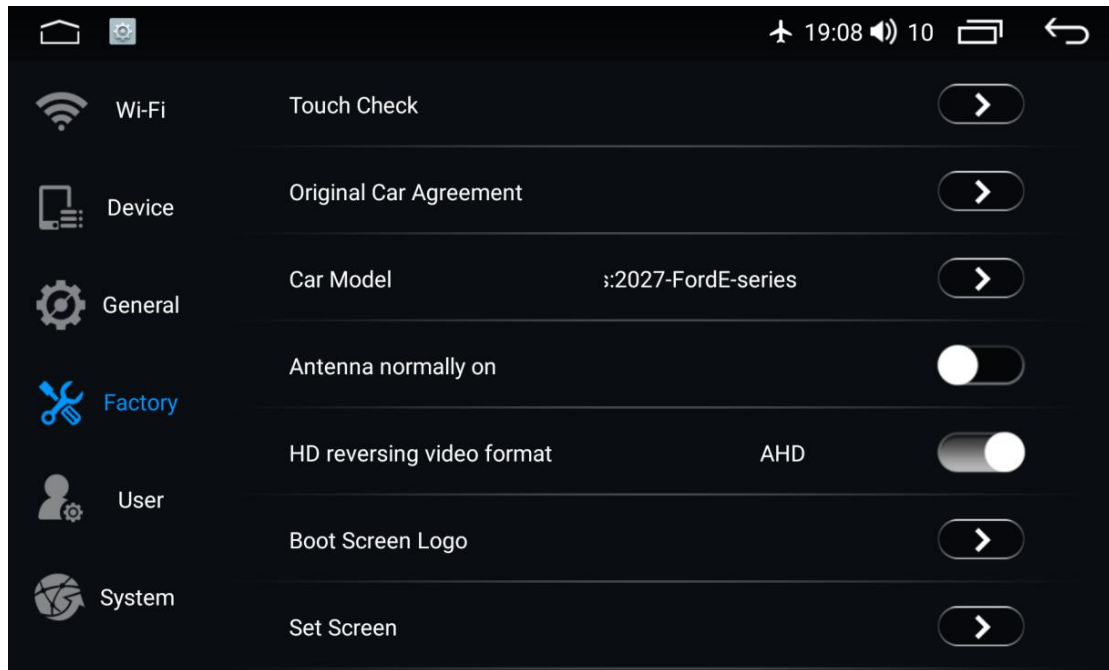
Fan settings: Controls the cooling fan mode and behavior).

3.3.4 Factory

Factory Settings access screen, which requires a security PIN code to o the Factory Settings menu.



This section is intended for maintenance personnel only. It contains advanced configurations (like hardware calibration, service modes, and factory reset options) that are not meant for regular users. Unauthorized changes may cause the system to malfunction or void the warranty.



Touch Check: Runs a diagnostic test to verify the touchscreen's accuracy and responsiveness.

Original Car Agreement: Configures compatibility and communication protocols with the vehicle's original systems.

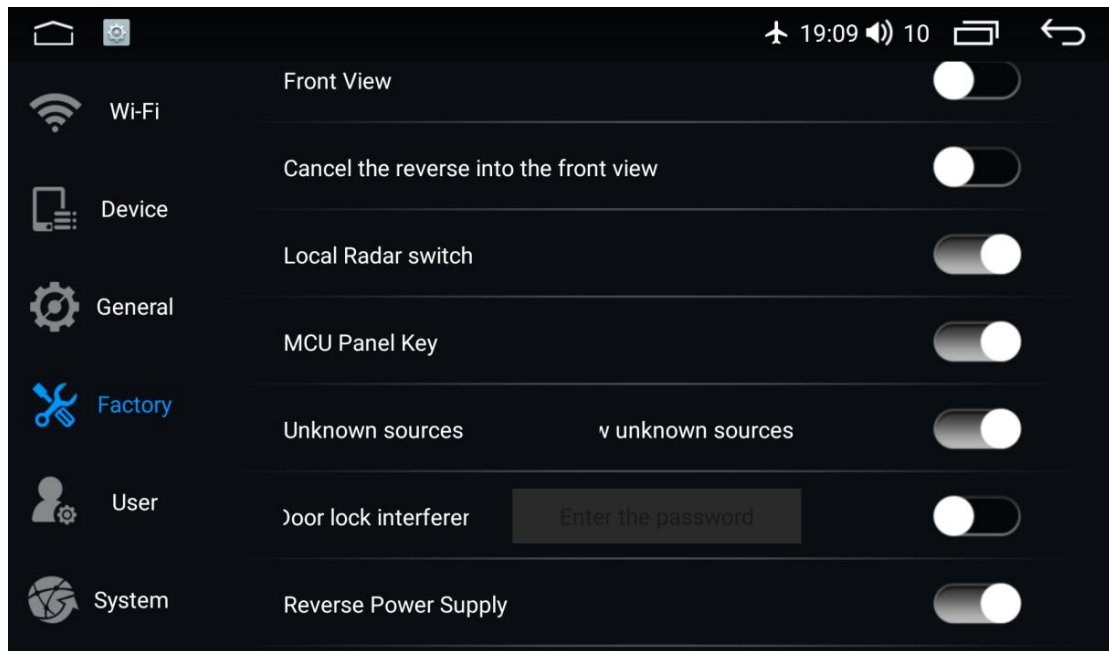
Car Model: Sets the vehicle model (currently 2027-FordE-series) for optimized system behavior.

Antenna normally on: Keeps the radio antenna powered on continuously, even when the radio is off.

HD reversing video format: Sets the reverse camera signal type (currently AHD for high-definition video).

Boot Screen Logo: Customizes the logo or image displayed when the system starts up.

Set Screen: Adjusts display parameters like brightness, contrast, and calibration.



Front View: Enables the front-facing camera feed (for dashcam or parking assistance).

Cancel the reverse into the front view: Disables automatic switching to the front camera when exiting reverse gear.

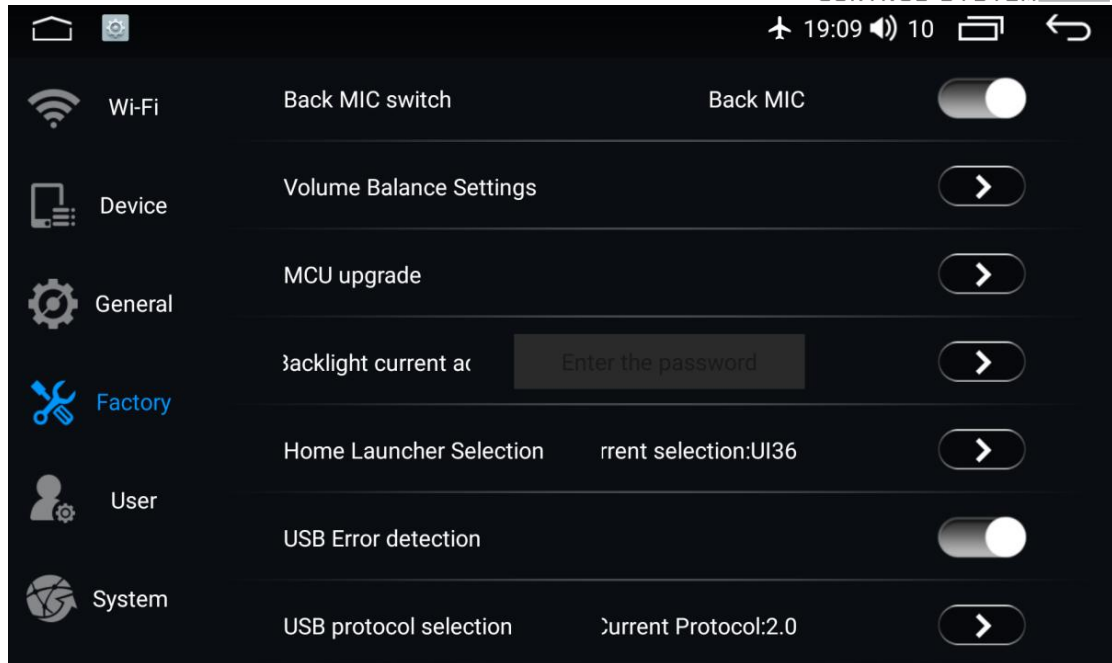
Local Radar switch: Toggles the parking radar/obstacle detection system.

MCU Panel Key: Enables/disables control via the physical buttons on the main control unit.

Unknown sources: Allows installation of apps from sources outside the official app store.

Door lock interfere: Requires a password to enable/disable door lock signal control.

Reverse Power Supply: Controls power output to the reverse camera and related accessories.



Back MIC switch: Enables/disables the rear-mounted microphone (for hands-free calls or voice commands).

Volume Balance Settings: Adjusts the audio balance between speakers (front/left/right/rear).

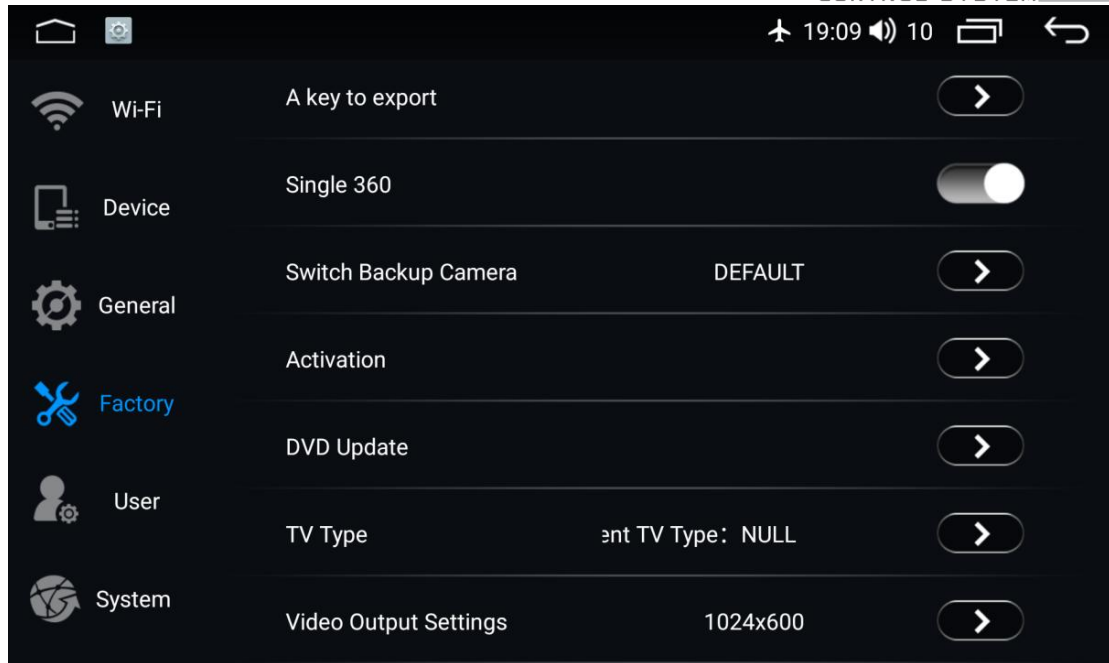
MCU upgrade: Initiates firmware updates for the main control unit (MCU).

Backlight current adjustment: Requires a password to adjust the screen backlight intensity.

Home Launcher Selection: Chooses the default home screen interface .

USB Error detection: Enables diagnostics for connected USB devices.

USB protocol selection: Sets the USB communication protocol .



A key to export: One-click function to export system logs or configuration data.

Single 360: Enables the single-camera 360-degree view feature.

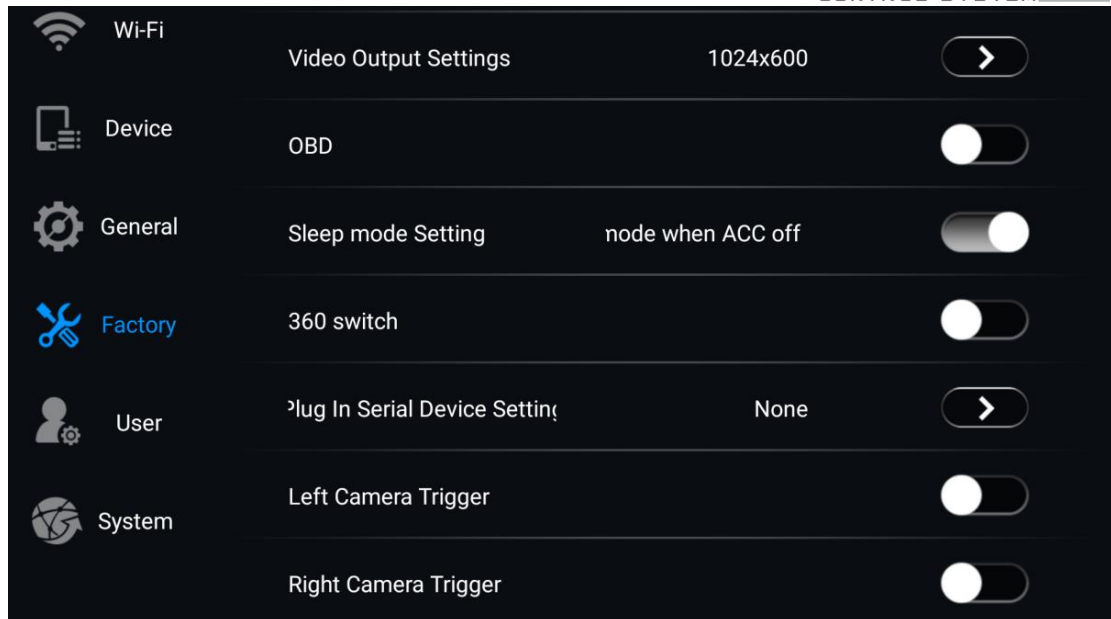
Switch Backup Camera: Selects the default or primary backup camera.

Activation: Registers or activates premium features and services.

DVD Update: Initiates firmware or software updates via DVD media.

TV Type: Configures settings for the connected TV tuner.

Video Output Settings: Adjusts resolution and output format (currently 1024x600).



OBD: Enables communication with the vehicle's OBD-II diagnostic port.

Sleep mode Setting: Configures power-saving behavior when the vehicle is off.

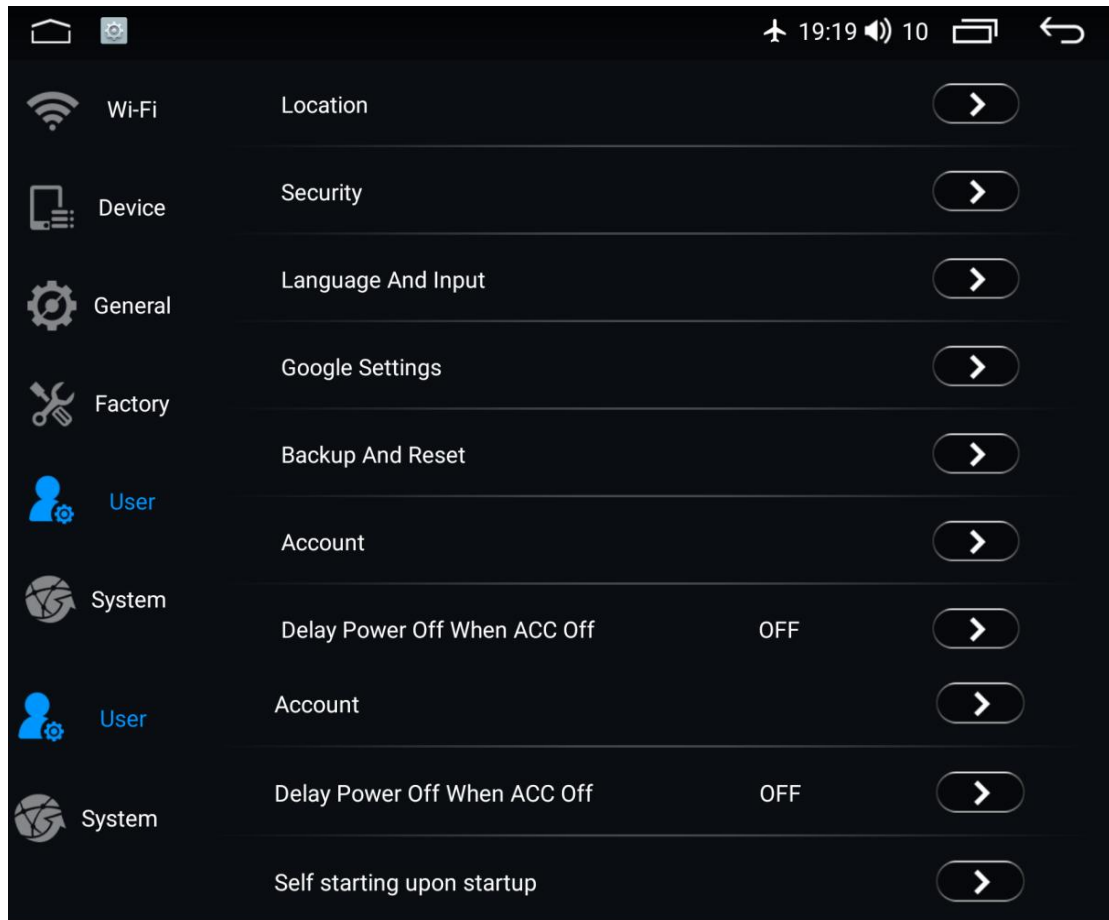
360 switch: Toggles the 360-degree camera system on or off.

Plug In Serial Device Setting: Configures settings for connected serial devices.

Left Camera Trigger: Activates the left-side camera when the turn signal is engaged.

Right Camera Trigger: Activates the right-side camera when the turn signal is engaged.

3.3.5 User



Location: Manages location services, GPS access, and app location permissions.

Security: Configures device security settings like screen lock, encryption, and app permissions.

Language And Input: Sets the system language, keyboard layout, and text input methods.

Google Setting:s Manages Google account services, privacy, and connected app preferences.

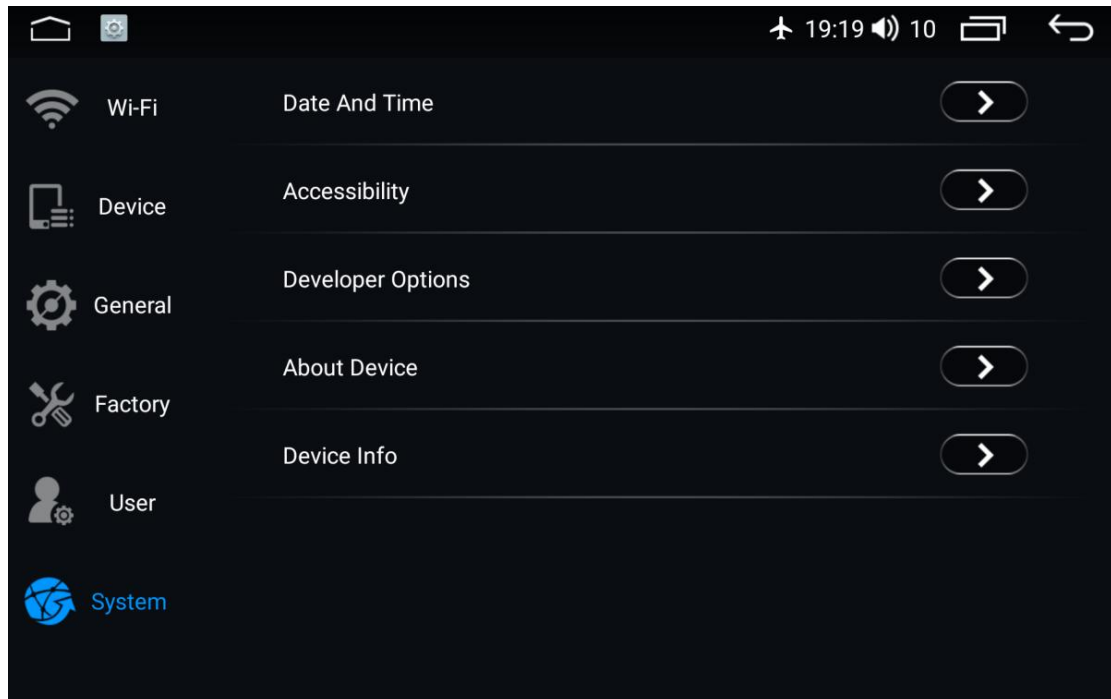
Backup And Reset: Backs up user data to cloud/storage or restores the device to factory settings.

Account: Adds, removes, or manages user accounts (e.g., Google, email, etc.).

Delay Power Off When ACC Off: Configures a delay before the system shuts down after the vehicle's ignition (ACC) is turned off (currently set to OFF).

Self starting upon startup: Selects apps or functions to launch automatically when the system powers on.

3.3.6 System



Date And Time: Adjusts system date, time, time zone, and automatic time synchronization settings.

Accessibility: Configures features for users with visual, auditory, or motor impairments (e.g., screen readers, large text).

Developer Options: Provides advanced settings for developers, including debugging, USB configuration, and performance tools.

About Device: Displays core system information such as Android version, kernel version, and build number.

Device Info: Shows detailed hardware and software specifications, serial number, and regulatory information.