

Kraken Touchscreen Product User Manual



Linux System User Manual

Please read this user manual carefully before using the product. And keep it properly.

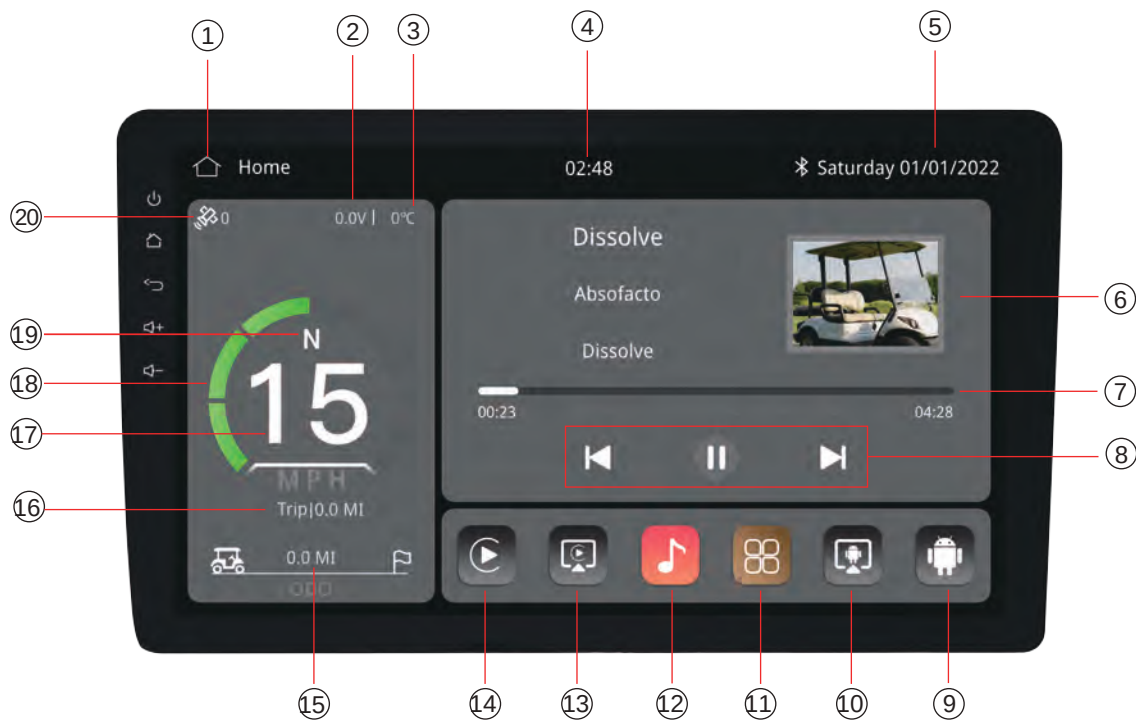
Cautions & Notes

1. Please do not watch videos or operate equipment while driving.
2. Do not install or use this product in wet hands, away from liquids to avoid electronic short circuit.
3. Avoid installation in areas with high temperature high humidity or flammable or explosive gases or liquids.
4. Do not install this product in a position that obstructs the driver's view or affects driving safety.
5. Do not install this product on the airbag cover or in the airbag deployment area.
6. Avoid prolonged exposure of this product to high temperature enclosed vehicles.
7. This product should only be operated at specified voltages.
8. Use original cables and accessories.
9. Do not use sharp objects, such as a cone or scissors, on this product or its accessories.
10. Do not disassemble, repair or modify this product and its accessories.
11. Keep out of the reach of children under 16 years old.

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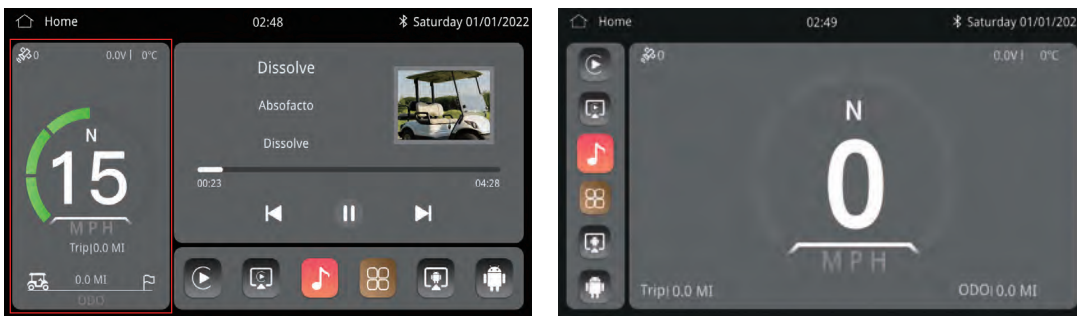
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I. Main Interface

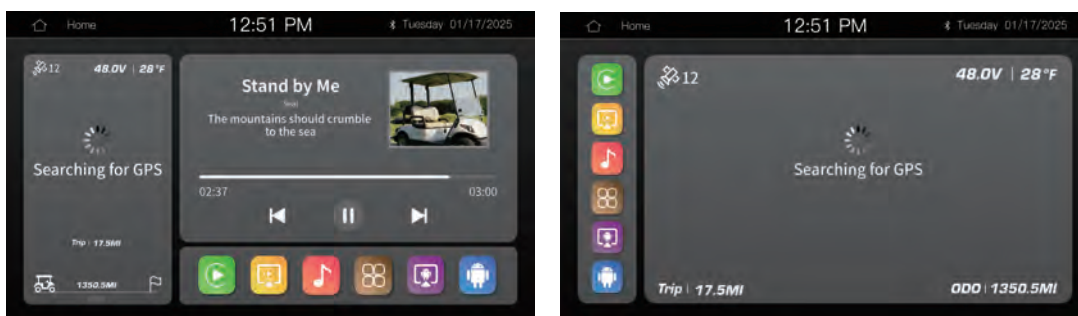


- | | |
|--|------------------------------|
| 1 Home screen | 11 Menu button |
| 2 Voltage: Power supply voltage | 12 Music |
| 3 Temperature function: unit is °F and °C | 13 CarPlay Link |
| 4 Clock: 12/24 hour format | 14 Apple CarPlay |
| 5 Date: Month/Day/Year/Day of the Week | 15 Odometer : unit (KM) |
| 6 Song display: Song name/Singer | 16 Trip Meter : unit (KM) |
| 7 Song duration: The current song's progress | 17 Current speed: unit (KMH) |
| 8 Previous/Play / Pause / Next Track | 18 Speed bar |
| 9 Android Auto | 19 Compass |
| 10 Android Link | 20 Number of satellites |

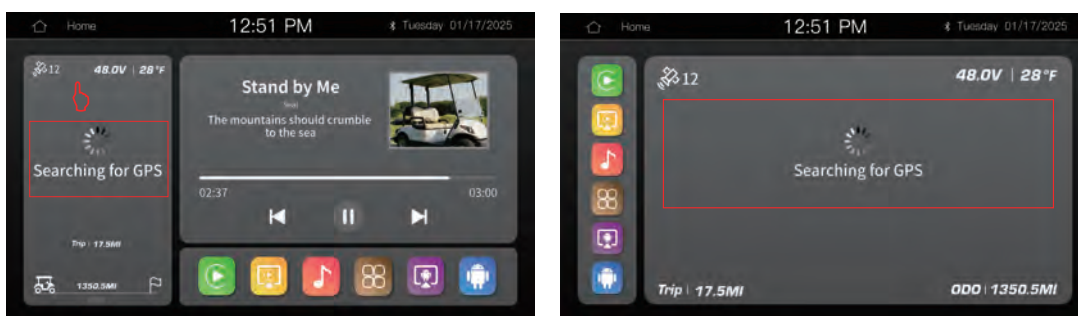
1. When the user touches any position in this area outlined in red, the full-screen interface is displayed, as the right photo. When the user touches any position in the full-screen interface, it returns to the main interface. as the left photo.



2. After the touchscreen product is powered on, "Searching for GPS" interface is displayed when the screen receives the GPS searching information. After the GPS is successfully locked, this "Searching for GPS" interface disappears and it automatically returns to the current main interface.

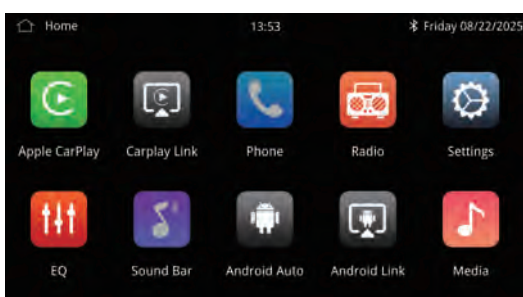


3. In the "GPS searching interface", the touch action can not take effect in the animation zone outlined in red. Users can touch the area out of animation zone to operate touchscreen product. When the users touches the area out of animation zone outlined in red, the full screen "Searching for GPS" interface is displayed. As the right photo. When the users touches the area out of animation zone outlined in red in the full screen, it will automatically return to the main interface. As the left photo.



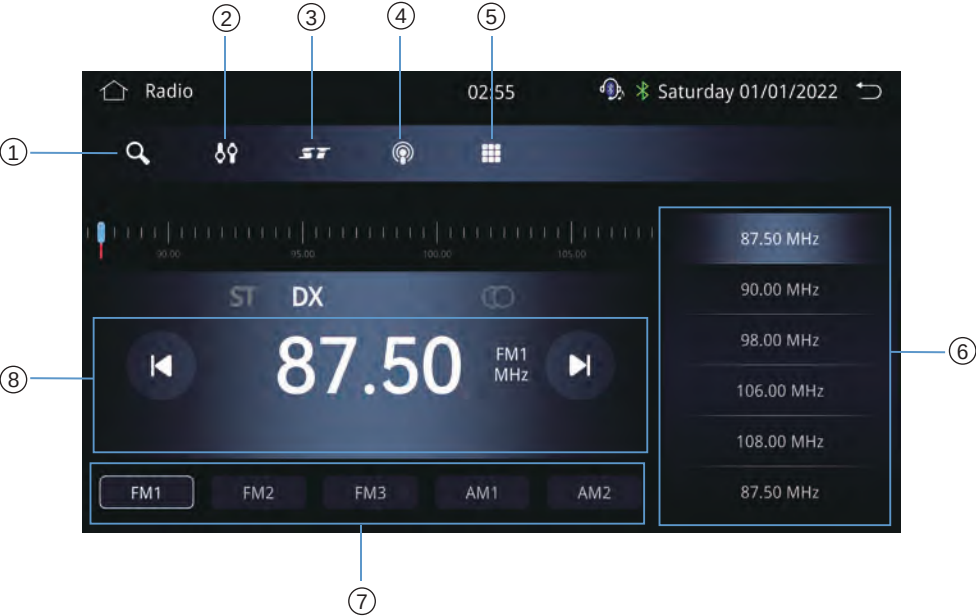
II. App Programming Interface

1. Click the menu icon on the dashboard to enter the app interface, and click the icon to enter the corresponding program.
2. APP refers to Apple CarPlay, CarPlay Link, telephone, radio, Settings, EQ, Bluetooth music, Android Auto, Android Link, and music.



III. Radio

1. Functionality Description



- 1

Click the button to automatically search the station, and then click again to stop the station.
- 2

EQ: Go into the EQ to adjust the tone
- 3

ST stereo switch, can open/close stereo effect
- 4

DX/LOC: Remote/local range of the radio to receive signals.
- 5

Manually enter your favorite audio segments
- 6

Saved radio list: Stores the radio stations you found
- 7

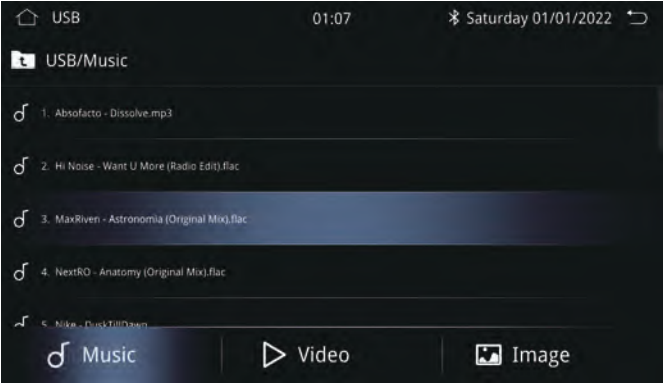
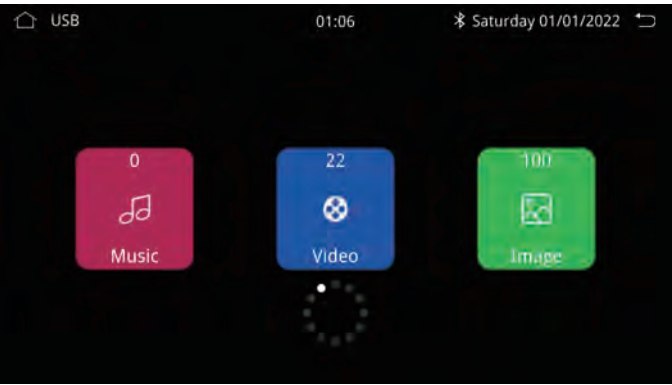
Receiver channel mode: FM1/FM2/FM3/AM1/AM2
- 8

Click the button to scan up/down the search station, and then click to stop the station.

IV. Media Music

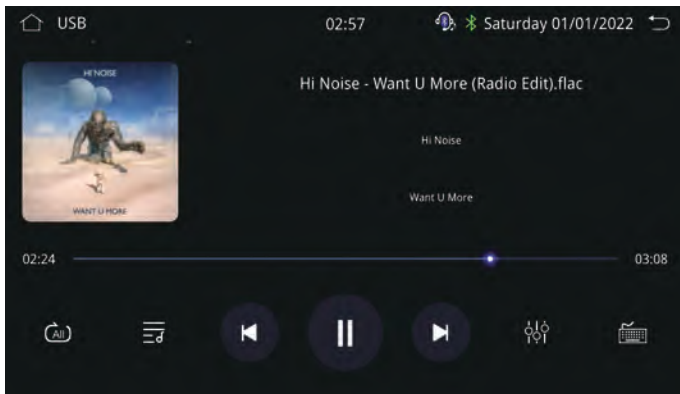
Media List

1. Insert the USB, click the music icon to refresh the media file, and you will enter the music interface by default.



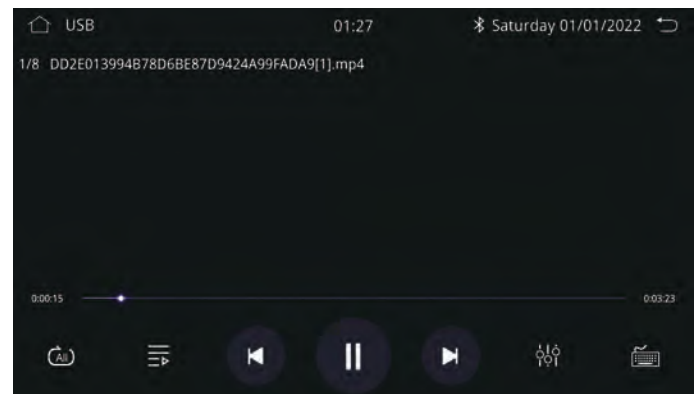
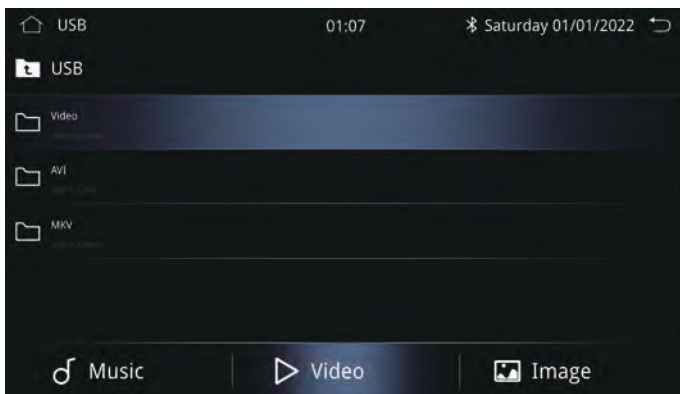
Playing Music

1. Click [List] to select the music playback interface.
2. They are full cycle, random play, single song cycle, list, previous song, play/pause, next song, EQ, input search and other programs.



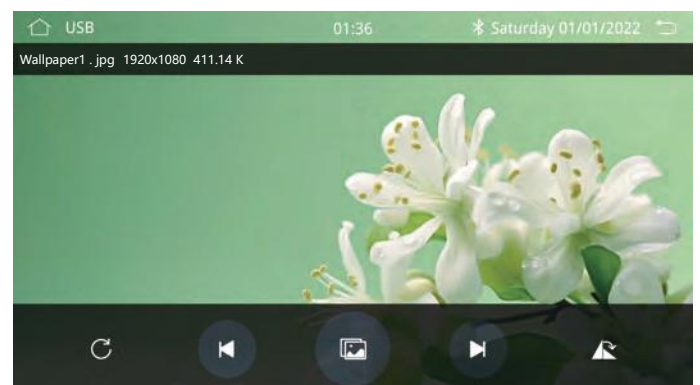
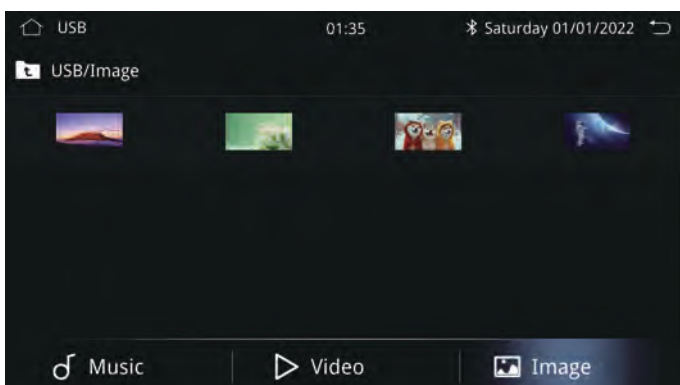
Video Playback

1. Click [List] to select the video playback interface.
2. Note: For safe driving, watch the video when you are not driving. It is not recommended to play the video while driving.



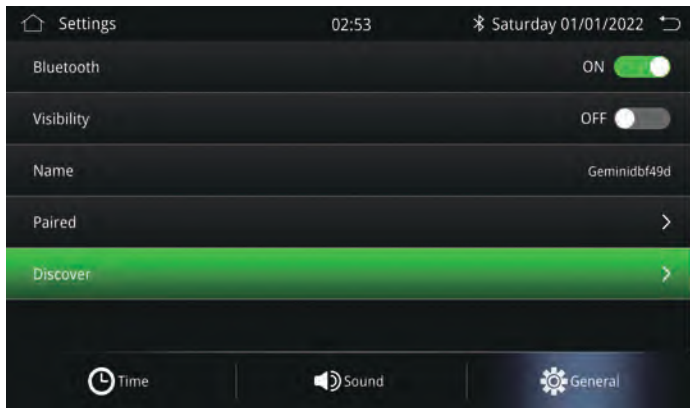
List of Images

1. Click [List] to select the image playback interface.
2. Select image Browse and click inside the folder to display thumbnails of the images in the folder.

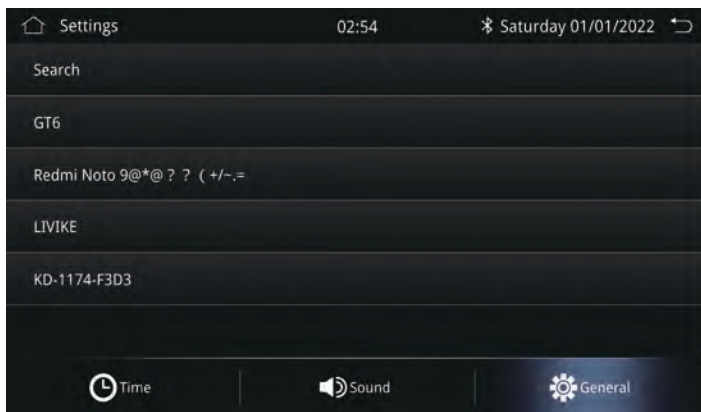


V. Bluetooth Connection

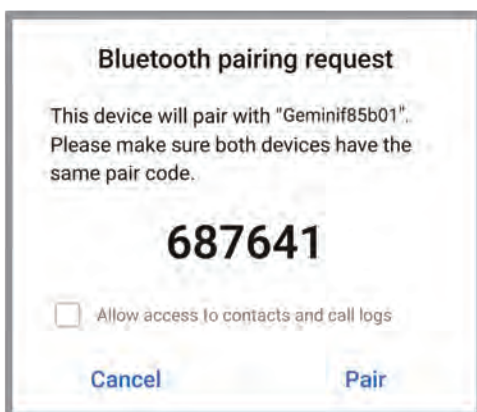
1. Step 1: Go to [Phone] - [Settings], and click [Settings] to open the Bluetooth switch



2. Step 2: Click [Search] - [Auto Search Device]. Turn on Bluetooth on the mobile phone to let the display search for the mobile device. After the device is found, click the name of the mobile device and start connecting.

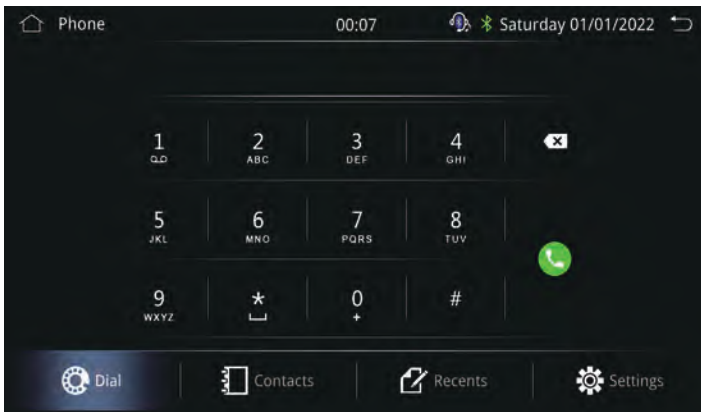


3. Step 3: The pop-up box of Bluetooth pairing request appears on the mobile phone. After the confirmation of pair code, Click [Pair], then the Bluetooth is successfully connected.

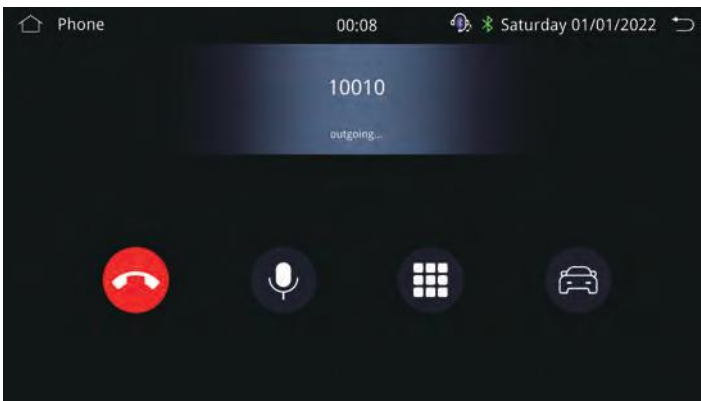


Dial Key

1. After the Bluetooth connection is successful, dial the number on the keypad and click [] Call number, click [] backspace.

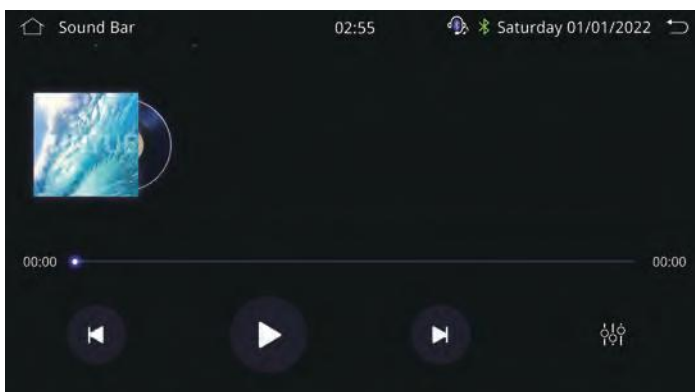


2. When calling a contact, the name and phone number of the contact are displayed; Click [] Cancel the call or hang up.



VI. The Sound Bar

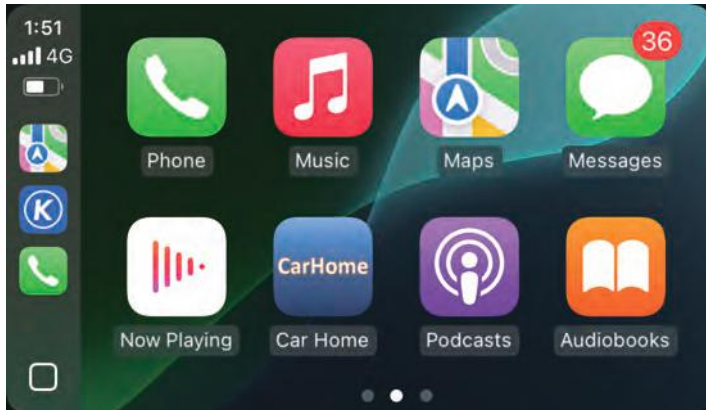
1. After the Bluetooth connection is successful, click [] Enter the Bluetooth music playback interface.
2. Open the music player on your phone and you can play your favorite songs, and the display will play them simultaneously.



VII. Apple Carplay/ Android Auto

Apple CarPlay (wireless Connection)

1. Connect the car bluetooth on the phone
2. Select "Use CarPlay" in the mobile terminal pop-up to start using the wireless CarPlay function.



Apple CarPlay seamlessly integrates iPhone devices with vehicle systems, enabling hands-free operation through voice commands, button controls, and in-car touchscreens. When connected to CarPlay, drivers can safely and intelligently access essential iPhone features while on the road - including navigation, making calls, sending/ receiving messages, playing music, and checking calendars.

Android AUTO (wireless Connection)

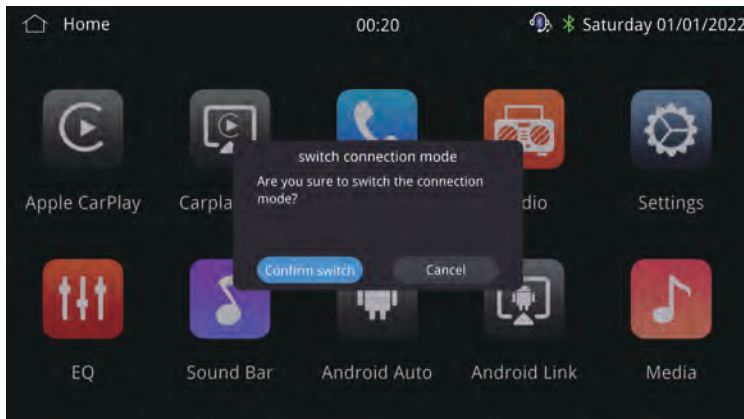
1. Connect the car bluetooth on the phone.
2. Select "Use CarPlay" in the mobile terminal pop-up to start using the wireless CarPlay function.



Connect the mobile phone and the vehicle, and extend the applications and services on the mobile phone to the car by taking advantage of the strong attributes of the mobile phone and the interconnection capability of multiple devices, so as to realize the full- scenario experience with the mobile phone as the core and create a smart travel experience for users.

Phone Link

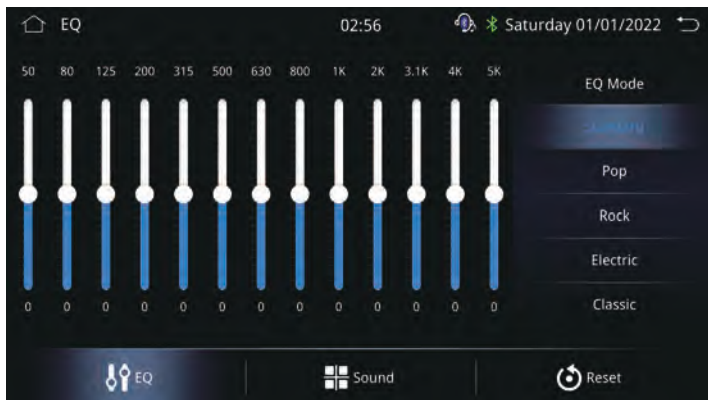
1. Click CarPlay Link [] or Android Link [] to enter the phone link interface and switch to connection mode



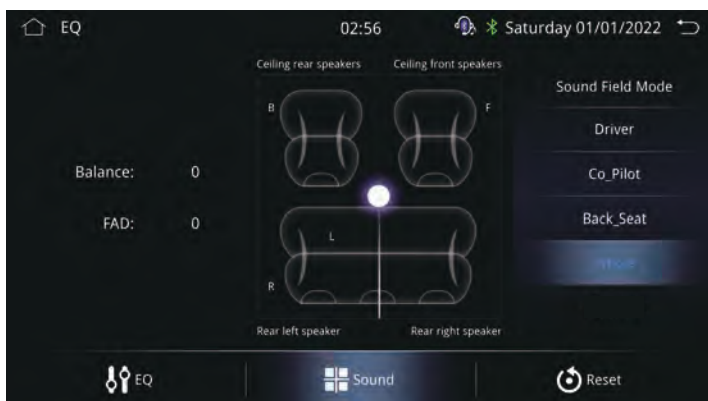
Android Link

VIII.EQ

1. After entering the sound effect interface, there are 5 sound effect modes to choose from: standard, pop, rock, classical, and jazz; the corresponding frequencies are different, and the frequency adjustment range is: -12~+12.



2. After entering the sound field interface, there are ways to adjust the sound position of the seat speaker in front left, front right, rear left and rear right.



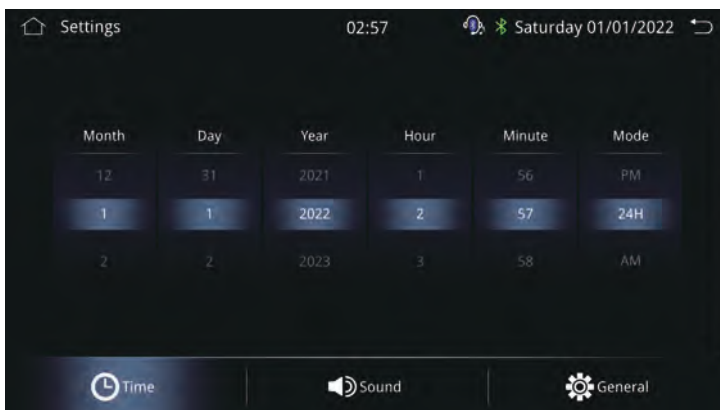
3. Click the reset button to reset all EQ interfaces, and previous adjustments will be invalid.



IX. Settings

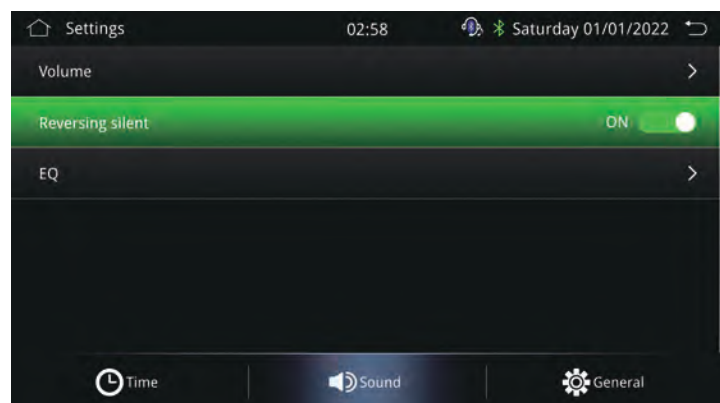
Date and Time

1. After entering the time interface, you can adjust morning/afternoon mode. Hour format can be changed to AM or PM. The year, month, day, hour, minute can not be changed since the time and date is provided by GPS.



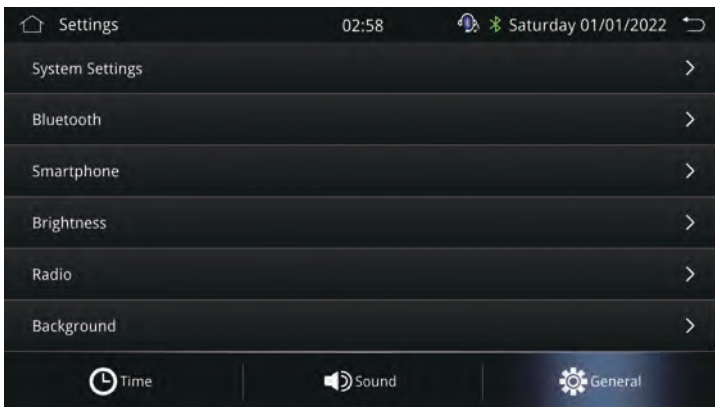
Sound Settings

1. Tap volume to adjust, navigation, media, phone, radio, and volume.
2. Turn on “Reversing silent” to mute audio when reversing. Turn off to enable sound.



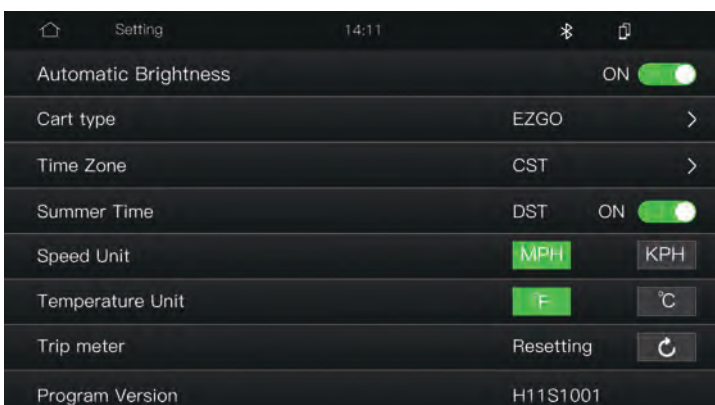
General Settings

1. System Settings, Bluetooth, smartphone, brightness, radio, background, version number, and other 7 options.



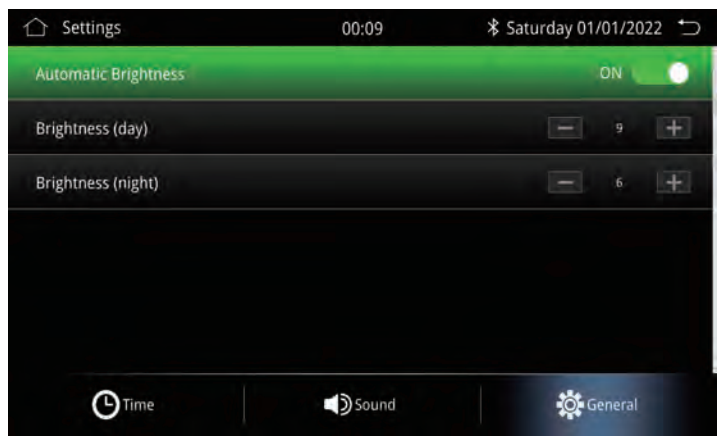
System Setup

1. Turn on the automatic brightness switch to adjust the brightness according to ambient light.
2. Cart type can be set to YAMAHA or OTHERS.
3. Time Zone Settings - 4 time zones in the United States that can be selected by users (the default is US Eastern Time). The displayed time is the time in the time zone selected by the user. The DST function is optional for users. EST-west 5 districts, CST-west 6 districts, MST-west 7 districts, PST-west 8 districts.
4. Daylight saving time: It is turned on by default. Daylight saving time is a time difference that adjusts the clock.
5. Speed unit: optional, miles/km, default unit is miles.
6. Temperature unit: optional, degrees Celsius / degrees Fahrenheit. The default unit is degrees Fahrenheit.
7. Trip meter can be reset to 0.
8. Programme code version can be reviewed at this interface.



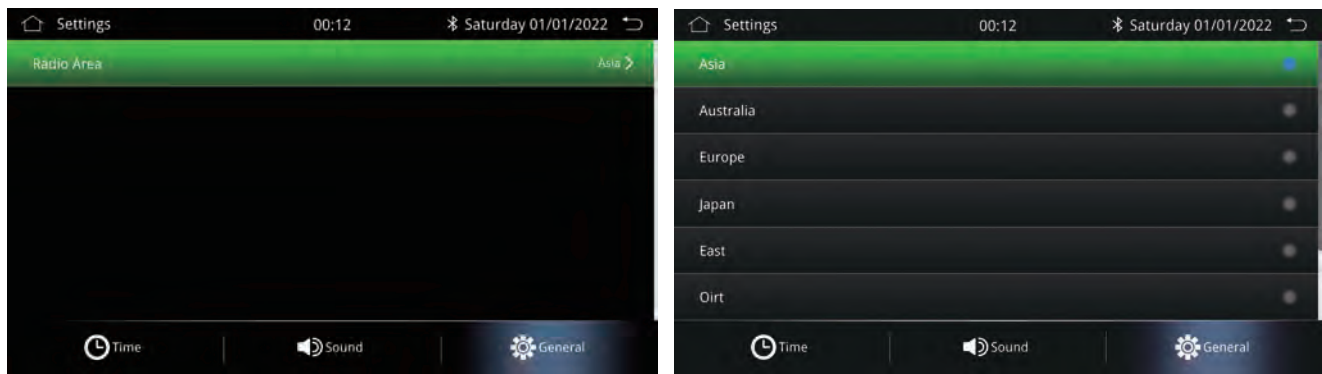
Brightness

1. Display brightness is divided into automatic brightness, daytime brightness, night brightness, etc.
2. When automatic brightness is turned on, daytime and nighttime brightness cannot be adjusted.



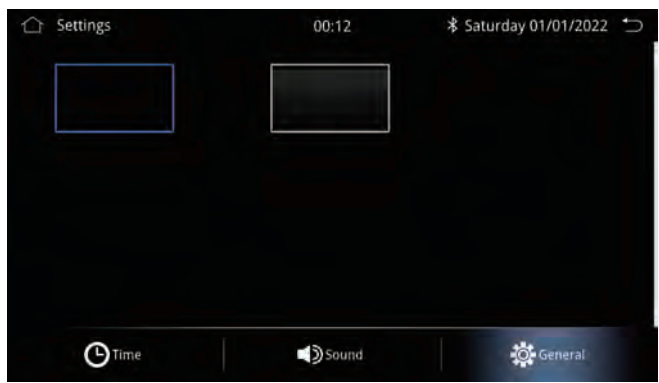
Radio

1. In the radio area, you can choose to listen to other countries.



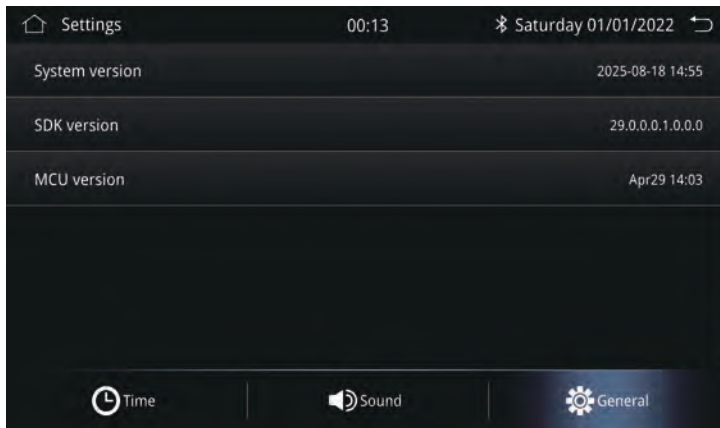
Background

1. You can change the background image according to your preference.



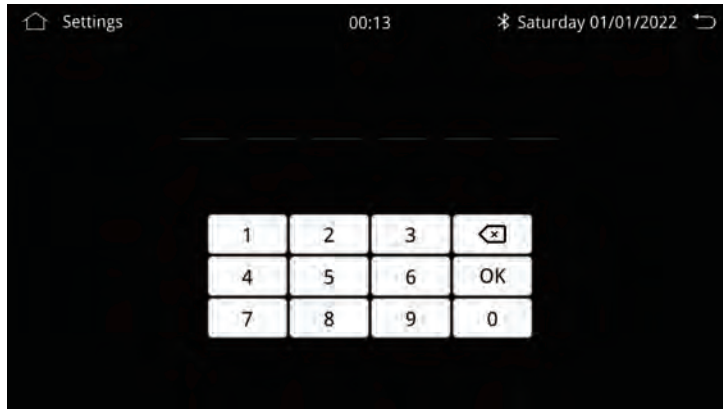
Version Information

1. Display the current device information, such as: system version number, SDK version number, MCU version number, etc.

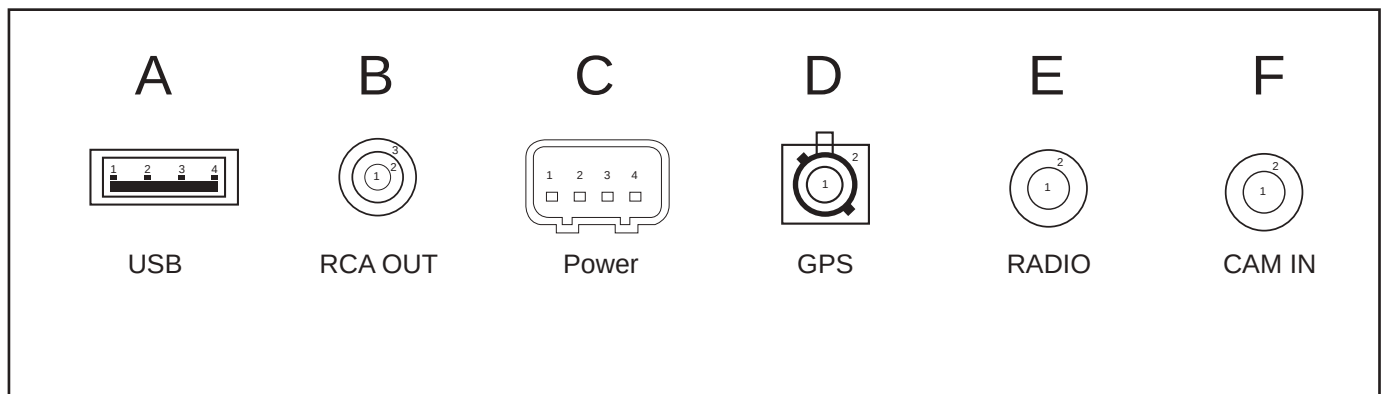


Factory Setup

1. Click the version option, quickly click 5-6 times will pop up the input password box, enter the password 123456.
2. You can set the reverse trajectory line, restore factory settings, learn touch button and other functions.



X. Wiring Diagram



A1: USB_GND

A2: USB_D+

A3: USB_D-

A4: USB_5V

B1: RCA_FL

B2: RCA_FR

B3: GND

C1: BAT+

C2: ACC

C3: FUEL_Signal

C4: GND

D1: GPS

D2: GPS_GND

E1: ANT

E2: ANT_GND

F1: CAM_IN

F2: CAM_GND

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.

FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

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 & your body.