# User Manual

(Universal)

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# Product Overview

## Product Specifications

| Item | Specification |
|---|---|
| **Operating Voltage** | 10V-16V DC |
| **Max Operating Current** | <15A |
| **Standby Current** | <10 mA |
| **Operating Temperature** | -20°C~+70°C |
| **Operating Humidity** | 0%-80% |
| **System** | Android OS |
| **Connectivity** | Wi-Fi/ Bluetooth / GPS |
| **Smartphone Integration** | Wireless /Wired CarPlay (Bluetooth ConnectionOnly) / Android Auto |

# Product Features

## Multimedia

- FM/AM Radio
- Music and Video Playback
- USB Media Support
- Bluetooth Music Streaming

## Navigation

- GPS Navigation
- Google Maps Support
- Online Navigation Apps

Integrated infotainment system delivering seamless multimedia experience and intelligent navigation capabilities for modern driving.

All features designed for safe, intuitive in-vehicle interaction.

# Product Features

## Connectivity Features

- Bluetooth Hands-Free Calling
- Wi-Fi Internet Access
- Smartphone Screen Mirroring
- Apple CarPlay
- Android Auto

## Vehicle Integration

- Steering Wheel Control Learning
- Backup Camera Support
- CANBUS Support (Model Dependent)

# Software Application

## Entertainment

- Radio
- Music
- Video
- Bluetooth
- BT Music

## Navigation & System

- Maps
- Steering Wheel Learning
- File Manager
- Theme
- Equalizer (EQ)

## Smart Connectivity

- CarPlay
- Android Auto
- Screen Mirroring

## App Store

- Play Store

# Settings

| Category | Function | Description |
|---|---|---|
| **Network** | **WIFI** | Click on the WIFI icon, then start the search. In the list,find the desired WIFI and perform the connection operation. |
| **Network** | **Hotspot** | Click on the "Hotspot" icon, select "Wi-Fi hotspot", turn on the hotspot, you can share the local hotspot, and you can also modify the hotspot name and password. |
| **Network** | **SIMs** | Click on the SIMs icon, for network data managementand settings. Note: The icon will only be effective when a SIM card is inserted. |
| **Network** | **APPs** | Click on the APP icon, then select "See all apps". In the list, find the desired APP and you can view its version,clear the cache and uninstall it, etc. |
| **Display** | **Brightness regulate** | Brightness and Display: Brightness adjustment for daytime mode and nighttime mode. |
| **Display** | **Power logo** | Setting of static logo and dynamic logo. |
| **Display** | **Font size** | The system shows the font size adjustment settings. |
| **Display** | **More display** | The driving warning is turned off. You can watch videos while driving. |

# Settings

| Category | Function | Description |
|---|---|---|
| **Person** | **WhiteList** | Add applications that allow for long-term operation in the background. |
| **Person** | **Google & Account** | Google Account Management. |
| **Person** | **Languages & input** | System language and input method settings. |
| **Person** | **Date & time** | Set the date and time. The system will update automatically by default and no settings are required. |
| **Person** | **Navigation Settings** | The navigation shortcut keys can be customized. The default setting is Goolge Maps. |
| **Device** | **Steering Wheel learning** | Learning of steering wheel buttons: Method: Click the "Start Learning" button, then press the buttons on the steering wheel for 1 second. After that, a prompt will appear asking you to select the buttons you want to learn. When the icon lights up, it indicates that the learning is successful. Repeat this process for each other button until all are learned. Then, click "End Learning" to complete. |
| **Device** | **Radio settings** | Receiver area and channel search/ stop sensitivity settings. |

# Settings

| Category | Function | Description |
|---|---|---|
| **Device** | **Camera settings** | Enable and disable the auxiliary lines and trajectory lines for the camera. |
| **Device** | **More settings** | CAN bus settings: Select the CAN box supplier, choose the vehicle series, select the specific model, and then make corresponding selections based on the year and configuration. |
| **Sound** | **Default Volume** | Restore the default system volume setting upon startup. |
| **Sound** | **BT Phone Volume** | The default volume setting for Bluetooth calls. |
| **Sound** | **Navi Volume** | The volume setting for the navigation function. |
| **Sound** | **BackCar Volume Reduction** | Setting for reducing the volume when reversing the vehicle. |
| **Sound** | **Beep** | The sound of the screen touch response, to turn on or off. |

# Settings

| Category | Function | Description |
|---|---|---|
| **System** | **MCU Version** | MCU version information. |
| **System** | **APP Version** | Core board system version information. |
| **System** | **Factory setting** | It has been set up by default at the factory and is not accessible to users. |
| **System** | **Reset** | When personal settings are in disorder or the system is malfunctioning, you can try to restore the factory settings to make the device return to normal. |

# CarPlay / Android Auto

## Supported Mobile Devices

- Android smartphones (Android Auto)
- iPhone (Apple CarPlay)

## Connection Method

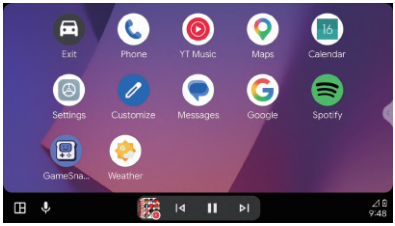
Method:

- 1: Turn on your phone's Hotspot and Bluetooth, then simply connect via Bluetooth.
- 2: Tap the Bluetooth icon on the car stereo, tap → (Search Device) Select your phone name from the device list, then tap connect via Bluetooth.Enter the pairing code 0000 on your phone, or tap Pair/Confirm when prompted.After confirming the connection, the Bluetooth pairing will be completed. Within 3-5 seconds, the system will automatically switch to the smartphone connectivity interface.
- 3:In the connectivity interface, you can use your phone's Bluetooth calling, navigation, music, andother functions.
- 4:To exit the connectivity interface, tap the Exit, Back, or Car icon on the application screen.
- 5:To remove the connection, delete the paired device from the Bluetooth device list, then go to Setting → Network Settings and turn off the hotspot.

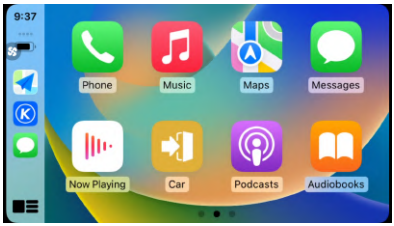
# CarPlay / Android Auto

## Bluetooth Pairing Interface

## Android Interface




## CarPlay Interface



# FAQ

## Black screen and unable to start up

- 1.Please press the "RST" button on the panel to reset the machine. If it stil fails to start, please follow the steps below to troubleshoot.
- 2.Please check if all the connection lines are properly inserted and fully engaged, and reinsert and re-extract them.
- 3. Please measure the power line plug at the host end, and check whether there is a voltage of 10 to 16 volts for both the BATT+ (yellow wire) and the ACC (red wire)
  Note: If the measured voltage is abnormal, please check whether the fuse in the vehicle fuse box has blown.
- 4. For those equipped with CAN BUS decoding for ACC voltage, please check whether the wiring of the CAN BUS box is correct, and whether the CAN BUS box is faulty or not compatible.
- 5. After the above troubleshooting steps, if the problem still persists, please contact customer service or replace the main unit

## There is no sound output from the speaker

- 1.Please press the "RST" button on the panel to reset the machine. If there is still no sound, please follow the steps below to troubleshoot.
- 2. Please check whether all the connection lines are properly inserted and fully engaged. If the original vehicle is equipped with a power amplifier, the 12V-AMP control line needs to be connected as well.

# FAQ

- 3. Please measure the voltage at the power plug of the host unit. The voltage of the four speaker wires should be between

- 4. For audio with CAN BUS decoding, please check whether the wiring of the CAN BUS box is correct, and whether the CAN BUS box is faulty or incompatible.

- 5. After the above troubleshooting steps, if the problem still persists, please contact customer service or replace the main unit.

## The radio cannot findany radio stations

- 1.Click on the radio icon to enter, manually set the frequency of a commonly used radio station If the radio sound only has noise without any signal or the signal is poor, follow the steps below to troubleshoot.

- 2.Please check if the radio receiving antenna is properly plugged in and if the antenna is damaged.

- 3. The radio antenna of the original vehicle is powered by an external power supply. Therefore, you need to connect the power supply line to the 12V-ANT control line of the power supply cable.

- 4. The radio signal is good, but the search for channels cannot be stopped: Please check if the remote receiving function has been enabled, if the stop channel sensitivity setting is too high, or if the radio reception area has not been set correctly. The operation method is as follows:settings--Device---Radio settings,

- 5. After the above troubleshooting steps, if the problem still persists, please contact customerservice or replace the main unit

# FAQ

## GPS no signal, abnormal positioning

- 1.Please check whether the GPS receiving antenna is tightened properly, whether it is in the wrong position, or whether it is damaged.
- 2. If the vehicle is located in a signal-blocking area or indoors, please drive to an area with signal coverage or an open outdoor space to check if the signal has returned to normal.
- 3. If the vehicle is equipped with devices that are susceptible to EMC interference (such as recording devices) or if the glass is coated with a film that blocks signals effectively, please replace the receiving antenna with one that is placed at a position with better signal reception and securely fixed.
- 4. After the above troubleshooting steps, if the problem still persists, please contact customer service or replace the main unit.

## Reverse parking does not respond to the switch

- 1.Please check whether the reversing control wire of the camera is properly connected to the main wire, and measure whether there is an input of 8 to 14V when the reversing gear is engaged. If there is no voltage, please check whether the wiring of the tail light is correct.
- 2.If the vehicle requires CAN BUS decoding for reversing control voltage output, please check whether the wiring of the CAN BUS box is correct, and whether the CAN BUS box is faulty or incompatible.

# FAQ

## No image during reversing

- 1.Please check if the camera format of the host is set correctly. If the host can automatically identify the format, this item can be ignored.
- 2.Please check if the power supply line for the rearview camera is properly connected and the power supply voltage should be between 8 and 14 volts.
- 3. Please check whether the signal output of the rearview camera is correctly connected to the reverse signal input port of the host.
- 4. After the above checks, the fault still cannot be eliminated. Please contact customer service or replace the camera.

## The buttons on the steering wheel for controlling the multimediafunctions are malfunctioning

- 1.When learning the steering wheel, when pressing the steering wheel button, the screen should prompt "Please press the button you want to learn". The learned button should be in a lit state. If the learning fails to proceed normally, please follow the following steps to troubleshoot the issue.
- 2. When pressing all the buttons on the steering wheel, there is no response. Please check if all the connection cables are properly connected and there are no missing plugs or loose connections.
- 3. The steering wheel buttons are decoded by the CAN BUS. Please check if the wiring of the CAN BUS box is correct, if the CAN BUS model settings are correct, and if the box is faulty or incompatible.
- 4. After the above troubleshooting attempts, if the problem still persists, please contact customer service

# FAQ

## The Bluetooth call cannot pick up the speaker's voice or the voice is very faint

- 1.Please press the "RST" button on the panel to reset the machine. At the same time, turn off and restart your mobile phone, and then reconnect it.
- 2.If the built-in microphone is used and the sound is too low, please connect an external microphone; if the external microphone is used and the sound is still too low, please disconnect it and use the built-in microphone instead.
- 3.Increase the signal gain of the microphone on this device. If excessive gain causes noise, reduce the gain until there is no noise at all, and this value will be the optimal setting.method: Settings--System---Factory setting---1234---Gain Setting---mic gain/bt mic gain.
- 4. After the above troubleshooting attempts, if the problem still persists, please contact customer service.

## Application crashes or runs abnormally

- 1.Please restart the machine. Pull down the quick control bar from the screen and click"Restart the machine". Or press the "RST" button to reset the machine.
- 2.There is an unsupported version of an application. Please uninstall the problematic application.
- 3.Please follow the instructions in the settings to perform the factory reset operation.
- 4. After the above troubleshooting attempts, if the problem still persists, please contact customer service.

# FAQ

## CarPlay cannot be connected

- 1.After the Bluetooth connection is established, it will automatically switch to the ZLINK5 interface and keep loading. Please check if the WIFI on your phone is turned on.
- 2. Please check if the WIFI antenna is properly plugged in.
- 3.Please press the "RST" button on the panel to reset the machine. At the same time, turn off and restart your mobile phone, and then reconnect it.
- 4. After the above troubleshooting attempts, if the problem still persists, please contact customer service.

## Android Auto cannot be connected

- 1.After the Bluetooth connection is established, it will automatically switch to the ZLINK5 interface and keep loading. Please check if the WIFI on your phone is turned on.
- 2. Please check if the WIFI antenna is properly plugged in.
- 3.Please press the "RST" button on the panel to reset the machine. At the same time, turn off and restart your mobile phone, and then reconnect it.
- 4. The mobile phone may not support the Android Auto function. In that case, go to the Google Play Store to download the application. If the connection still fails after installing the Android Auto application, please replace the phone and try again.
- 5. After the above troubleshooting attempts, if the problem still persists, please contact customer service.

# FAQ

## FOTA Online Upgrade

- 1.Upgrading the system program online requires a considerable amount of data. It is recommended to perform the upgrade operation using a stable WIFI network.

- 2. During the online system upgrade process, do not power off or perform any other operations Follow the upgrade prompts to proceed and wait for the upgrade to complete.

- 3. Upgrade Steps: Click the FOTA icon to initiate the upgrade process. The upgrade will be carried out in three separate sections. Make the upgrade as needed. For example, if it is the OS upgrade: Os Upgrade Check version. Note: If the prompt indicates that it is already the latest version, no further upgrade is required. If it indicates a new version, follow the prompts to proceed to the completion of the upgrade.

## Need Technical Support?

If you have any questions or require technical assistance, please contact us at:

**Email: mingfeih8@gmail.com**

# Compliance & Legal

## California Proposition 65 Warning

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

## FCC Compliance Information

Product Name:Car Multimedia Navigation System
Model: AUSTA-A9
FCC ID:2BXET-AUSTA-A9

Responsible Party in the United States:
HOORAY INDUSTRY LLC
1408 Pinon Place
Fullerton, CA 92835 United States

### FCC Compliance Statement

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.

## Class B Digital Device Notice

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.

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

# Supported Network Bands

| | LTE-FDD | WCDMA | LTE-TDD |
|---|---|---|---|
| **EU** | band1<br>band8 | band1<br>band3<br>band7<br>band8<br>band20<br>band28 | band38<br>band40 |
| **US** | band2<br>band4<br>band5 | band2<br>band4<br>band5<br>band12<br>band13<br>band25<br>band26 | band41(200M) |

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