User Manual
AI BOX 2.0

Car Media Consoles **Tvs**

WARNING!

Never watch videos while the vehicle is in motion.
Driver distractions may lead to death or cause serious injury.
Only operate when vehicle is parked and in a safe location.
Always follow safe driving rules and local traffic laws.

Content

Introduction

The AI Box 2.0 is designed for factory vehicle radios with built-in wired Apple CarPlay or wired Android Auto. AI Box 2.0 adds wireless CarPlay, wireless Android Auto, and streaming functions.This product expands your vehicle's system to an Android platform through the CarPlay/Android Auto-enabled USB port without modifying or dismantling the original car screen. Users can download various apps on the Android platform to enjoy a wide range of audio-visual entertainment. The device supports Bluetooth calling and Bluetooth mouse functionality, and enables wireless CarPlay and wireless Android Auto for seamless smartphone integration. Equipped with an HDMI output port, it supports dual-screen mirroring for enhanced multi-screen interaction. Additionally, the built-in wireless remote control offers greater convenience, delivering a smarter and more enjoyable driving experience!

Package Contents

AI BOX 2.0 x1   Remote control x1   User Manual x1

USB-C to USB-C   HDMI Cable x1   USB-A to USB-C
Cable x1   Cable x1

Getting Started

How to Check if Your Vehicle Has Wired CarPlay or Android Auto

1.Connect Your Device

·For iPhone Users: Use a genuine Lightning cable to connect your iPhone (running iOS 10 or later) to your vehicle's USB port. (Note: Some vehicles may have multiple USB ports; try each one if necessary.)
·For Android Phone Users: Use a genuine USB cable to connect your Android device (running Android 11.0 or later and supports Android Auto protocol) to the vehicle's USB port. (Note: Some vehicles may have multiple USB ports; try each one if necessary.)
Note! Android phones must support the Android Auto protocol.
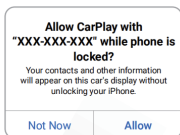
If a notification pops up on your phone asking if you want to allow CarPlay or Android Auto, then your car has built-in Apple CarPlay or wired Android Auto.

2. Check the Vehicle Radio Menu

If there is a CarPlay or Android Auto icon in the vehicle radio menu, your vehicle has built-in wired Apple CarPlay or wired Android Auto.

CarPlay   Android Auto
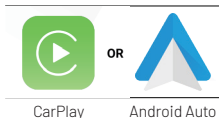
3.Contact your vehicle dealer for assistance.

Compatible with Cars and Mobile Phones

·Vehicle Models: Vehicle with original wired Carplay or wired Android Auto

Not applicable to BMW

·Apple Mobile Phone Models： Support iPhone 7 and above (iOS 10.0+)

Android Mobile Phone Models： Support Android 11.0+ smartphones,phones must support the Android Auto protocol.

If you want to confirm which car model supports Apple Carplay, visit this website:
https://www.apple.com/ios/carplay/available-models/

Carplay Car Models

iphone scan the QR codeto see if CarPlay supportsyour car
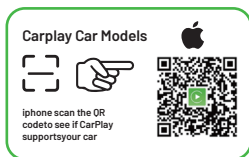
If you want to confirm which car model supports Android Auto, visit this website:
https://www.android.com/auto/compatibility/#compatibility-vehicles

Android Auto Car Model

Android phone scan the QR codeto see ifAndroid Auto supports your car
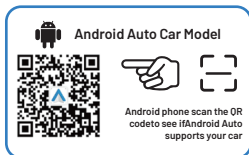
Product Features

·**Enhanced Functionality:** It resolves the issues of the original screen being single-functioned and unable to play videos. With this product, you can utilize online Google Maps, play a vast amount of music, and support 4K videos, YouTube, Netflix, and so on.

·**Split-Screen:** Divides the device's screen into two areas to display different content or applications simultaneously.

·**Wireless Connectivity:** It supports wireless Carplay and wireless Android Auto.

·**Multimedia Playback Support:** It supports multimedia playback from USB flash drives and TF cards(requires a card reader).(*Maximum support 128G)

·**Dual-Band WIFI Support:** It supports dual-band 2.4G + 5G WIFI.

·**Dual Wi-Fi Connections:** Capable of connecting to two different Wi-Fi networks simultaneously.

·**Dual Bluetooth:** Simultaneously supports wireless mouse functionality, Bluetooth calls, and Bluetooth music.

·**HDMI OUT Port:** Transfers video and audio signals from the device to external displays, TVs, car rear screens, projectors, or other devices that support HDMI input through the HDMI (High-Definition Multimedia Interface).

·**Multi-Functional USB-A Port:** Supports mouse, keyboard, USB flash drive, card readers, and more.

·**Wireless Remote Control:** Connects to a remote controller via Bluetooth for more convenient and efficient control.

·**OTA Online Updates:** Provides system updates through a wireless network.

·**Colorful Ambient Light:** Creates various lighting effects by adjusting colors.

Product Specifications

Operating System:	Android 12
System Storage:	4GB(RAM)+32GB(ROM)
Network:	IEEE 802.11 a/b/g/n/ac/ax
Frequency Bands:	2.4GHz/5GH
External Bluetooth Version:	5.0
Built-in Bluetooth Version:	5.1
Input Power Supply:	5V/1A
Working Environment:	-20℃~60℃

Connections

HDMI OUT

for rear-seat monitors, TVs, and other devices that support HDMI input

Switch Button

for switching between wired CarPlay and wired Android Auto
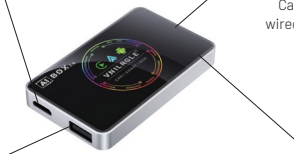
USB-A

for offline software updates via USB, connect a mouse, USB flash drive, card reader, etc.

USB-C

for power, over-the-air updates, and connection to the car

·USB-A Port

It supports a flash drive with a maximum capacity of 128GB.
It supports USB flash drives, which can be used for offline software installation or multimedia.
It supports connecting a mouse.

Note! Please connect the car using the USB-C port on the AI Box. The USB-A port on the AI Box is not for connecting the car.

Bluetooth Remote Control

Non-functional Button — Mouse Button

Up Arrow Key

Left Arrow Key — Right Arrow Key

Down Arrow Key — Enter Key

Main Interface Button — Return Key

Volume Up — Volume Down

Mute Button — Voice Assistant Button

Note!

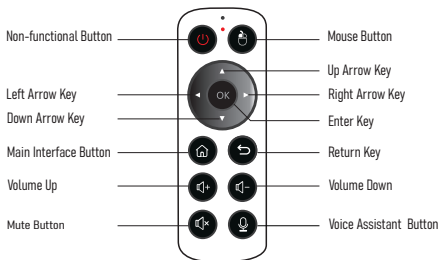*If the Bluetooth remote control fails, please try to pair the remote control again.*

·Re-pair the Remote Control

Press and hold the "OK" and " ↩ " buttons on the remote control for 3-5 seconds. The red light will blink to indicate automatic pairing. Once paired successfully, the red light will turn off.

·Button Description

1.Screen Off Button: Non-functional Button.

2.Mouse Button: Long press for 1-2 seconds, then press any direction key to toggle between mouse mode and cursor mode.

3.Up Arrow Key: Short press to move the mouse or cursor upward.

4.Left Arrow Key: Short press to move the mouse or cursor to the left.

5.Right Arrow Key: Short press to move the mouse or cursor to the right.

6.Down Arrow Key: Short press to move the mouse or cursor downward.

7.Enter Key: Confirm button / Wake up floating button.

9.Main Interface Button: Short press to return to the main interface.

10.Back Button: Return to the previous interface.

11.Volume Up: Increase volume.

12.Volume Down: Decrease volume.

13.Mute Button: Mute sound.

14.Voice Assistant Button: In wireless CarPlay or Android Auto mode, short press to activate the voice assistant.

LED Status

Type C

LED Light

Swift Button

USB-A   HDMI-Output
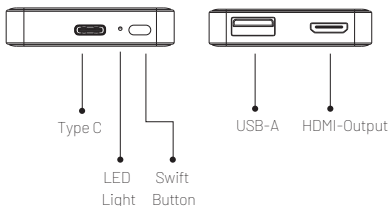
·Wired Carplay

LED Color	Status
Light Blue(Always On)	Power On
Green(Slow Flash)	Pairing with the car
Green(Always On)	Connected successfully

·Wired Android
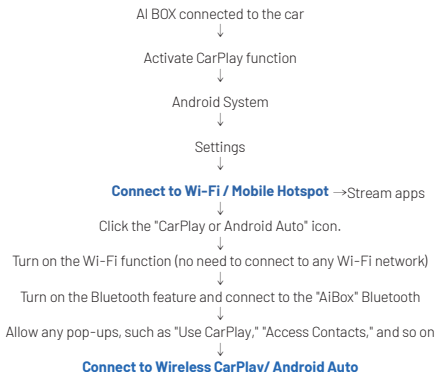
LED Color	Status
Light Blue(Always On)	Power On
Blue(Slow Flash)	Pairing with the car
Blue(Always On)	Connected successfully

Note! LED status light indicators:

Green light blinking/solid: Compatible with wired CarPlay

Blue light blinking/solid: Compatible with wired Android Auto

Product Workflow Diagram

AI BOX connected to the car
↓
Activate CarPlay function
↓
Android System
↓
Settings
↓
Connect to Wi-Fi / Mobile Hotspot →Stream apps
↓
Click the "CarPlay or Android Auto" icon.
↓
Turn on the Wi-Fi function (no need to connect to any Wi-Fi network)
↓
Turn on the Bluetooth feature and connect to the "AiBox" Bluetooth
↓
Allow any pop-ups, such as "Use CarPlay," "Access Contacts," and so on
↓
Connect to Wireless CarPlay/ Android Auto

User Interface

·**Floating Button Function Introduction**

🏠	Return to the main screen
↩	Return to the previous screen
▯	Split screen
🗑	Clear cache
🚗	Return to the original car system

·"Settings" Interface Function

📶 Wi-Fi	>	✳ Bluetooth	>
🌐 Language	>	▦ Application info	>
🕐 Date And Time	>	⊙ More	>
⚙ Display Settings			>
🖨 Original vehicie Settings			>
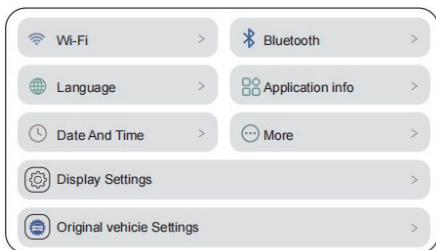
Introduction

WIFI: Connect to a mobile hotspot or Wi-Fi. A network connection is required when using apps in the Android system.

Bluetooth: Check the Bluetooth connection status. When connected to Bluetooth in the Android system, you can use Bluetooth for calls and music playback.

**Language:** Switch the system language.

Date and Time: Set the system time and date.

More: View images, audio, videos, and files downloaded to local storage, and make personalized settings.

How to switch between wired CarPlay and wired Android Auto

1.Connect the product to the car. Wait for 30 seconds before starting the operation.

2.Press and hold the "Switch Button" for 5 seconds, then release. The product's Blue light will blink slowly. → Light blue lights will stay on (the product is restarting) → The blue light will blink slowly (the product is pairing with the car) → The blue light will stay on (the product is successfully connected to the car).
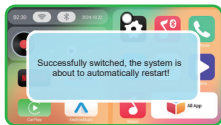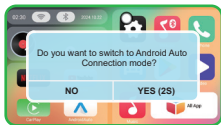
Note! LED status light indicators:

Green light blinking/solid: Compatible with Wired CarPlay

Blue light blinking/solid: Compatible with Wired Android Auto

Android System

·How to Access the Android System

1.Connect the product to the car：
Connect one end of the provided cable to your car's CarPlay-enabled USB port, and the other end to the Type-C port on the AI Box.
The light Blue lights will turn on → the green light flashes slowly → the green light stays on constantly (indicating a successful connection).
2.Activate CarPlay：
When certain car models connect to the AI Box for the first time, you need to enable/activate CarPlay in the car's system settings. After enabling/activating, tap the CarPlay entry in the car's system to access the Android system.

Note! The original car touchpad has two modes: light touch and heavy touch. A light touch will display as a mouse, while a heavy touch will display as a cursor. Please use the cursor to click on the app.

·How to connect to the network

1.Turn on your phone's personal hotspot or Wi-Fi.
2.On the Android system, click "Settings" → Go to "Wi-Fi" → Tap "Wi-Fi" → Turn on "Use Wi-Fi" → A list of available networks will appear → Select your phone's hotspot or Wi-Fi name → Enter the password to connect.
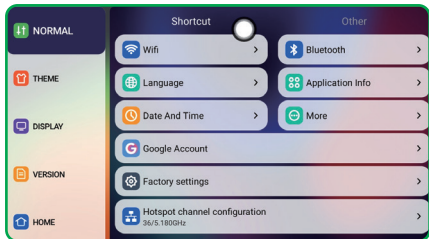
3.Enter the password to connect.

Note!   If you are connecting to a personal hotspot created by an iPhone, the iPhone needs to stay on the personal hotspot settings page during the connection.

·How to return to the original car system

Click on "Car" in the Android system.

How to download an app

·over-the-air updates

1.Connect to the network.
2.Tap the "Play Store" or "App Store" app in the Android system.
3.Search for the app you want to download and complete the download.

·offline software updates via USB

1.Store the product's installation package on a USB drive or TF card (requires a card reader).
2.Insert the USB drive or TF card into the product's USB A port.
3.On the Android system, open the "File" app.
4.Locate the corresponding installation package and install the app.

Note! If the app cannot be installed from the USB drive, please check if the app is 64-bit and if the format is APK.

 Play Store   App Store

How to use Bluetooth phone and Bluetooth music

1.Go to "Settings" in the Android system → Tap "Bluetooth" → Turn on the "Power" button.
2.Turn on the Bluetooth on your phone and select "AiBox" to connect.
3.Open the "BTMusic" app to activate audio.

Note! After connecting via Bluetooth following the steps above, the Bluetooth function on the Android system will be automatically disabled when you continue to enable wireless CarPlay/Android Auto. If you wish to continue using Bluetooth phone calls or Bluetooth music, you will need to repeat the steps above.

Note! If the audio is not activated, please check the "Power" button in your Bluetooth settings.

Note! If you want to use the original car Bluetooth, you need to disconnect the AiBox from the car in order to connect to the original car system's Bluetooth.

Note! If you enter the Android system, the original car's Bluetooth will be disconnected.

How to update the Android system

When the AI BOX system needs an update, it will automatically push an update notification to prompt you to update.

1.Connect to the network.
2.Tap "System Update" in the Android system to check for updates, and then proceed with the system update.

How to use the split-screen feature

1.Open the app you want to use.
2.Tap the small white dot on the screen to open the floating button list.
3.Tap the third button, the "Split-screen button."
4.Open the second app you want to use, and the split-screen feature will be activated.

*If you want to exit the split-screen feature, tap the "Split-screen button" again in the floating button list.

Note! If you need to use the remote control button functions in the split-screen interface, first activate the mouse using the remote control.

How to mirror the screen

1.Connect both your phone and the AI box to the same Wi-Fi network.

2.On the Android system home screen, click "All Apps" → open the "Mirror" app → select IOS/Android.

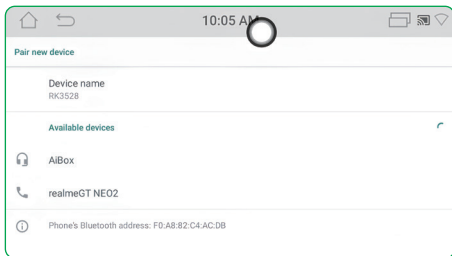3.On your phone, tap the "Cast" icon, select the device, and start screen mirroring.

How to connect other Bluetooth devices

1.Click "Settings" → Click "More" → Click "Connected devices" → Click "+ Pair new device."

2.Search for and select your Bluetooth device to connect.

↓

← Connected devices

| + | Pair new device |

Saved devices

| > | See all |

Connection preferences
Bluetooth

ⓘ

Visible as "QCOM-BTD" to other devices

↓

⌂ ↰   10:05 AM   ▭ ⚛ ▽

Pair new device

Device name
RK3528

Available devices

🎧 AiBox

📞 realmeGT NEO2

ⓘ Phone's Bluetooth address: F0:A8:82:C4:AC:DB
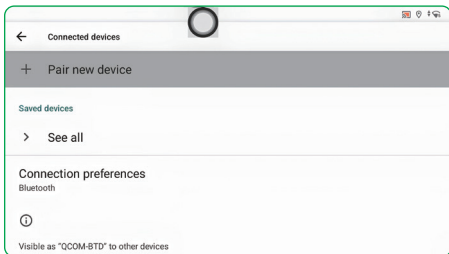
How to set up the lighting

Open the "LED" app in the Android system to make the settings.

Wireless CarPlay/ Android Auto

·How to start Wireless CarPlay/Android Auto

1.Click the "CarPlay" or "Android Auto" icon on the Android system home screen.

2.Turn on the Wi-Fi function on your phone (Make sure your phone's WIFI is not occupied.).

3.Turn on Bluetooth and connect to the "AiBox" Bluetooth.

4.Allow any pop-up prompts such as "Use CarPlay, access contacts," etc.
Note! The original car touchpad has two modes: light touch and heavy touch. A light touch will display as a mouse, while a heavy touch will display as a cursor. Please use the cursor to click on the app.

·How to disconnect Wireless CarPlay/Android Auto

Method 1: Turn off the Wi-Fi function. (Using this method, reopening Wi-Fi will quickly reconnect.)
Method 2: In the Bluetooth list, select and ignore the "AiBox" device. (Using this method, you will need to reconnect and pair Bluetooth the next time you use Wireless CarPlay/Android Auto.)

Note! Simply turning off Bluetooth will not disconnect Wireless CarPlay/Android Auto.
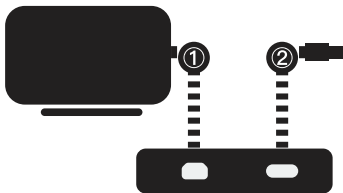
·How to enable Siri and other voice assistant features

Please make sure to enable the option to allow Siri and other voice assistants to use voice commands in the phone settings.

·How to return to the Android system

Click on "Car" in the Wireless CarPlay/Android Auto.

How to use HDMI Theater Mode

·Use the AI Box as a standalone TV box

1. Connect the AI Box to your rear entertainment screen or TV using the Micro HDMI cable.
2. Power the AI Box using a USB power source. (You can use a mobile charger or any other compatible USB power adapter.)

Note! The product must be connected to the internet to use apps on the Android system.

Note! When using on other display devices that support HDMI input, make sure the display device is switched to the corresponding input source.

Note! Please ensure the product has sufficient power, as insufficient power may cause the product to malfunction.

·HDMI mirror radio screen display

1. Connect the AI Box to your rear entertainment screen or TV using the HDMI cable.
2. Connect the AI Box to the vehicle's USB port for power.
After the connection is successful, the front and rear screens will be displayed synchronously.

FAQs & Troubleshooting

1. If the Android system cannot be accessed after the car is started, please reinsert the AI BOX, wait for 30 seconds, and reconnect.
2. Ensure that the car's port is a CarPlay/Android Auto-enabled USB port.
3. Set the product to the car compatibility mode, such as wired CarPlay or wired Android Auto. The product is set to wired CarPlay by default when it leaves the factory.
4. When connecting Wireless CarPlay/Android Auto, make sure that the phone's Wi-Fi is not in use and is not connected to any devices.
5. When connecting Wireless CarPlay/Android Auto, any pop-up prompts must be allowed.
6. Turn on the voice assistant features such as Siri on your phone to enable the product's voice assistant function.

7.Device Freezes and Audio Issue

Please find below the steps involved:
①Try to use a different usb cable and usb port on the vehicle. Also, make sure that there are no other phones connected to the vehicle via bluetooth and usb port.

8.My box won't connect, how do I fix this?

For most customers, setting up the AI Box is as simple as described in our User Guide. But, in the rare event you have issues connecting properly to your car using the AI Box, we've outlined a series of troubleshooting steps below to follow.

Please make sure you only use the cords included with your order. While going through these steps, please have your User Guide handy since the lights on the box have their own unique statues so you'll want to watch those throughout the process.

On your phone device, go into bluetooth settings and "forget/Remove" your vehicle as a bluetooth source on your phone.
Go into phone settings —> General settings —> CarPlay/Android Auto —> "Forget/Remove" your vehicle from CarPlay/Android Auto.
Go into vehicle settings —> bluetooth —> "Forget/Remove" your phone as a bluetooth device.
Go into vehicle settings —> CarPlay —> "Forget/Remove" your phone and any other phones listed as a CarPlay device.
Connect the USB-C to AI Box and Standard USB-A/USB-C to the vehicle factory wired CarPlay/Android Auto Port wait 30 seconds.
If the AI Box does not connect automatically, please go to the settings on your vehicle's screen, locate CarPlay, and activate it.
If you completed all these steps and still having trouble, please try these additional steps.

Unplug the AI Box from the vehicle

See if you can update the vehicle software in the settings of the vehicle.

If no updates are available or needed, simply go into "vehicle settings" and do a "factory reset/restore to default settings"

Once the system says vehicle has been restored to factory settings, power the vehicle "OFF" completely for 2 minutes so the screen can reset.

Now power the vehicle back on and plug the AI Box in and wait 2 minutes for the system to configure.

9.Can the AI Box be paired with multiple phones?

Yes, you can pair multiple phones but only one device can be connected at a time. It'll default to the last phone connected. If you want to connect a new phone, you can have the connected phone turn Bluetooth & Wi-Fi off.

10.The audio and video is not synced up when watching videos on my phone?

This is fairly normal even with wired Apple CarPlay since video transcoding is a bit more complex than audio transcoding which can cause a delay of milliseconds. This does not mean the device is defective, if you are experiencing just an audio lag please check that section for audio issues.

11.My phone is not auto-connecting to the AI Box

This is usually caused by an interference on your mobile phoneu such as connection to home/office WIFI. On your iPhone please follow these steps:Settings→General →Carplay→Select the AI Box device name → Select "Forget this car"

Settings→Bluetooth→Turn off Bluetooth SettingsWi-Fi→Turn off Wi-Fi

Lastly, turn Wi-Fi and Bluetooth back on. When you turn Bluetooth on, wait for the AI Box device name to pop up and re-connect. Also, make sure your phone is not connected to another wifi source like your home or office.

Still experiencing issues?
Please contact our support team:mxvipservice@outlook.com

Customer Support

If you have any questions about product setup, troubleshooting, or other concerns, please contact our support team. We are professionally trained, so feel free to reach out to us directly.

Support Hours:
Monday-Friday: We will reply within 24 hours.
Weekends: We will reply within 48 hours.
Please feel free to contact us if you have any questions.
Your satisfaction is our goal!

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