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› MekedeTech Wireless Carplay & Android Auto Adapter User Manual

MekedeTech RK232B

MekedeTech Wireless Carplay & Android Auto Adapter User Manual

Model: RK232B

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MekedeTech Wireless Carplay & Android Auto Adapter. This device is designed to convert your car's factory wired CarPlay and Android Auto systems into wireless connections, enhancing your in-car entertainment and navigation experience with the Android 11 operating system.



Image 1.1: The MekedeTech Wireless Carplay & Android Auto Adapter shown alongside its included USB-C cable, illustrating the compact design of the main unit and its primary connection accessory.

2. PRODUCT OVERVIEW

2.1. What's in the Box

- MekedeTech Wireless Carplay & Android Auto Adapter (Model: RK232B)
- Type-C Cable
- User Manual (This document)

2.2. Key Features

- Converts factory wired CarPlay and Android Auto to wireless.
- Android 11 Operating System with 2GB RAM + 32GB ROM.
- Supports popular apps like Netflix, YouTube, TikTok, Hulu, Spotify, Disney+.

- Retains original car functions: knob controls, steering wheel controls, button controls.
- Supports internet access via cellphone hotspot.
- Allows local video and music playback from USB disk or TF card.
- Built-in GPS for navigation.
- Compact and thin design for discreet placement.

2.3. System Specifications

Feature	Specification
Operating System	Android 11
System Storage	2GB (RAM) + 32GB (ROM)
Communication Standard	LTD-FDD/LTE-TDD/WCDMA/GSM
Positioning	GPS
Wireless Network	802.11a/b/g/n/ac
Bluetooth	5.0
Power Input	5V 1A
Working Environment	-20°C to 70°C (-4°F to 158°F)

3. SETUP INSTRUCTIONS

The MekedeTech Wireless Carplay & Android Auto Adapter is designed for plug-and-play operation with vehicles equipped with factory-installed wired CarPlay or Android Auto. Ensure your vehicle meets this requirement before proceeding.

3.1. Initial Connection

1. **Locate your car's wired CarPlay/Android Auto USB port:** This is typically the USB port you would use to connect your phone for wired CarPlay or Android Auto.
2. **Connect the adapter:** Using the provided Type-C cable, connect one end to the MekedeTech adapter and the other end to your car's wired CarPlay/Android Auto USB port.
3. **Power On:** Once connected, the adapter will power on automatically. The car's infotainment screen should display a new interface, indicating the adapter is recognized.
4. **Automatic Connection:** After the initial successful pairing, the adapter will automatically connect to your car's system upon subsequent startups.



Wireless
Car-Play



Wireless
Android Auto

Android AI Box

Plug and play

Please notice that this product only supports the original car with factory built-in **wired car-play**.



Image 3.1: Visual representation of the Android AI Box setup, highlighting its plug-and-play functionality for converting wired CarPlay/Android Auto to wireless. Note: This product only supports original cars with factory-built-in wired car-play.

Android 11

with this car-play box you can get extra 3 system on your original car screen:
Wireless car-play | Wireless Android auto | Android system



Image 3.2: Depiction of the car's infotainment screen displaying the Android 11 interface provided by the MekedeTech adapter, showcasing the additional system functionalities like Wireless CarPlay, Wireless Android Auto, and the full Android system.

4. OPERATING INSTRUCTIONS

Once the adapter is successfully connected, you can begin utilizing its features.

4.1. Wireless CarPlay & Android Auto

The adapter automatically converts your wired CarPlay/Android Auto to wireless. Your phone should connect wirelessly to the adapter via Bluetooth and Wi-Fi. Follow your phone's prompts for initial pairing if necessary.

4.2. Android System Functionality

The adapter runs on Android 11, allowing you to download and use various applications directly on your car's screen.

- **App Installation:** Access the pre-installed app store or other methods to download applications such as Netflix, YouTube, TikTok, Hulu, Spotify, and Disney+.
- **Internet Connectivity:** Connect the adapter to the internet by enabling a Wi-Fi hotspot on your mobile phone. Navigate to the adapter's settings to connect to your phone's hotspot.
- **Local Media Playback:** Insert a USB disk or TF card into the adapter's designated slot to play local video and music files.

Playing your favorite music/video by inserting TF card



Music



Video



Never get lost with built-in GPS module



GPS

Using high-performance RK main control chip, built-in 2 + 32G memory, running more smoothly



iOS / Android can be used, you can get more features by connecting this car-play box with your car screen

Image 4.1: Close-up of the MekedeTech adapter showing the Micro SD (TF card) slot and SIM card slot, indicating support for local media playback and potential cellular connectivity. Also highlights built-in GPS for navigation and the high-performance RK chip.

4.3. Control Methods

The adapter is designed to integrate seamlessly with your car's existing control systems.

- **Steering Wheel Controls:** Use your car's steering wheel buttons to navigate menus, adjust volume, and control media playback.

- **Knob/Joystick Control:** If your car has a central control knob or joystick, it will function as before for navigation within the adapter's interface.
- **Touch Screen Control:** For vehicles with touch-enabled infotainment screens, you can directly interact with the adapter's interface by touching the screen.
- **Voice Assistant Control:** Utilize your car's factory microphone to activate voice assistants (e.g., Siri, Google Assistant) for hands-free operation.

Multiple Control Methods



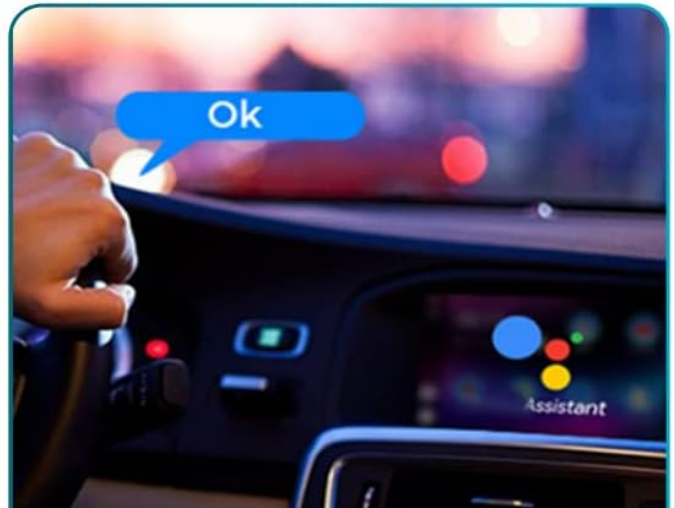
Steering wheel control



CEM knob/joystick control



Touch screen Control



Voive assistant control with factory MIC

Image 4.2: Illustration of the various control methods supported by the MekedeTech adapter, including steering wheel controls, CEM knob/joystick control, touch screen control, and voice assistant control via the factory microphone.

5. MAINTENANCE

To ensure the longevity and optimal performance of your MekedeTech adapter, follow these general maintenance

guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** If storing the device for an extended period, disconnect it from the car's USB port and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Periodically check for firmware updates through the device's settings menu to ensure you have the latest features and bug fixes. Follow on-screen instructions carefully during updates.
- **Avoid Physical Damage:** Protect the device from drops, impacts, and excessive force. Ensure cables are not kinked or strained.

6. TROUBLESHOOTING

If you encounter issues with your MekedeTech adapter, please refer to the following common solutions before contacting support.

6.1. Common Issues and Solutions

- **Device not recognized by car:**
 - Ensure your car has factory-installed wired CarPlay or Android Auto. This adapter is not compatible with vehicles lacking this feature.
 - Verify the Type-C cable is securely connected to both the adapter and the car's USB port.
 - Try a different USB port in your car, if available.
 - Restart your car's infotainment system or turn the car off and on again.
- **Wireless CarPlay/Android Auto not connecting:**
 - Ensure Bluetooth and Wi-Fi are enabled on your phone.
 - Forget the device from your phone's Bluetooth settings and try pairing again.
 - Restart both your phone and the adapter (by unplugging and replugging).
- **No internet access:**
 - Confirm your mobile phone's hotspot is active and discoverable.
 - Check the Wi-Fi settings on the adapter to ensure it's connected to your phone's hotspot.
 - Verify your phone has an active data connection.
- **Apps not loading or crashing:**
 - Ensure the adapter has a stable internet connection.
 - Clear the cache of the problematic app through the adapter's Android settings.
 - If the issue persists, try reinstalling the app.

6.2. Compatibility Notes

- This Carplay AI Box is **not compatible with BMW vehicles**.
- The wireless Android Auto feature is **not compatible with Samsung phones' wireless Android Auto**
- Applicable to cars manufactured in **2018 years and above**.

Compatible With 98% of Car Models



Wireless
CarPlay



Wireless
Android Auto

For Audi

A Series
Q Series
S Series
RS Series

For Mercedes

A B C E S Series
EQC Series
EQS Series
AMG GLC GLE53 CLA
GLB GLA Series

For VW

Tharu Multivan Caravelle
Arteon Laida Passat Viloran
Tiguan/ID./Teramont Series
Lamando Phildeon Touran
Magotan Bora Sagitar

For Ford

Mondeo Kuga
Ford Focus
Edge
Mustang
F Series

For TOYOTA

Levin Sienna Frontlander
Camry Corolla VENZA
Highlander Tundra Avalon
Levin RAV4 yarisL ALLION
Alphard GR SUPRA

For Honda

CIVIC CRV AVANCIER
XR-V ELYSION
INSPIRE UR-V
ACCORD BREEZE
ODYSSEY ACURA

For Buick

Regal Excelle ENVISION
GL Series
Iacross Encore Enclave
Verano Excelle
VELITE Series

For Jeep

Grand Commander
Compass Cherokee
Trailhawk Gladiato
Wrangler Rubicon
Renegade

For Porsche

Panamera Taycan
Macan
Cayenne
718
911

For Bentley

Flying Spur
Continental GT
bentayga

More +

Image 6.1: A visual guide indicating the MekedeTech adapter's compatibility with approximately 98% of car models, listing various brands and series such as Audi, Mercedes, VW, Ford, Toyota, Honda, Buick, Jeep, Porsche, and Bentley. Users should cross-reference their vehicle model with this list.

If you are unsure about compatibility or require further assistance, please contact MekedeTech customer support.

7. DETAILED SPECIFICATIONS

Attribute	Detail
Brand	MekedeTech
Model Number	RK232B
ASIN	B0B5F54CDT
Operating System	Android 11
System Storage	2GB RAM + 32GB ROM
Communication Standard	LTD-FDD/LTE-TDD/WCDMA/GSM
Positioning	GPS
Wireless Network	802.11a/b/g/n/ac
Bluetooth	5.0
Power Input	5V 1A
Working Environment	-20°C to 70°C (-4°F to 158°F)
Package Dimensions	5 x 4 x 2 inches
Item Weight	1 pounds
Color	Black
Compatible Devices	Android phone, iPhone
Specific Uses For Product	Car
Connector Type	USB 2.0
Manufacturer	Shenzhen Mekede Technology Co.,Ltd
Date First Available	June 29, 2022

Small and Thin

Extremely compact, can be placed in a hidden space



Image 7.1: Depiction of the MekedeTech adapter's compact and thin design, showing its dimensions (3.5 inches by 2.2 inches) in comparison to a smartphone, emphasizing its ability to be placed discreetly.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

MekedeTech products are manufactured by Shenzhen Mekede Technology Co.,Ltd. For specific warranty terms and conditions, please refer to the warranty card included with your product or contact MekedeTech customer support directly. Protection plans may be available for purchase separately to extend coverage.

8.2. Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact MekedeTech

customer support. Refer to the contact information provided on the product packaging or the official MekedeTech website. When contacting support, please have your product model number (RK232B) and purchase details ready.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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