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**MekedeTech RK0232**

# MekedeTech Wireless Carplay and Android Auto Adapter User Manual

Model: RK0232

## 1. Product Overview

The MekedeTech Wireless Carplay and Android Auto Adapter is designed to convert your vehicle's existing wired CarPlay and Android Auto systems into wireless connections. This device operates on Android 11 OS, offering expanded multimedia capabilities and app access directly on your car's display.




Figure 1: MekedeTech Wireless Carplay and Android Auto Adapter with included USB-C cable.




Figure 2: The adapter enables wireless CarPlay and Android Auto, integrating seamlessly with the car's display.

## 2. What's in the Box

- MekedeTech Wireless Carplay and Android Auto Adapter
- Type-C Cable

## 3. Setup Instructions

This adapter is designed for plug-and-play operation. Ensure your vehicle has a factory-built-in wired CarPlay or Android Auto system for compatibility.

1. **Connect the Adapter:** Locate the USB port in your vehicle that supports wired CarPlay or Android Auto. Connect the provided Type-C cable to the adapter and then to the vehicle's USB port.
2. **Initial Boot-up:** The adapter will power on automatically. The car's display should recognize the device and prompt for connection.
3. **Pair with Your Phone:**
    - For Wireless CarPlay: On your iPhone, go to Settings > General > CarPlay and select the adapter from the list of available cars.
    - For Wireless Android Auto: On your Android phone, ensure Bluetooth is enabled and search for the adapter. Follow the on-screen prompts to complete the pairing.
4. **Automatic Connection:** After the initial successful pairing, the adapter will automatically connect to your phone when you start your vehicle.

**Important Note:**

- This device is not compatible with BMW vehicles.
- Wireless Android Auto functionality does not support Samsung phones.

## 4. Operating Instructions

The MekedeTech adapter provides an Android 11 operating system on your car's display, allowing access to various applications and features.

### 4.1. Accessing Applications

With 2GB RAM and 32GB ROM, the adapter allows you to download and run popular applications directly on your car's screen. Connect the adapter to the internet via your cellphone's hotspot to access the app store.

- **Streaming Services:** Enjoy Netflix, YouTube, Hulu, Disney+, and more.
- **Music:** Stream music from Spotify or other audio apps.
- **Navigation:** Utilize built-in GPS for navigation.

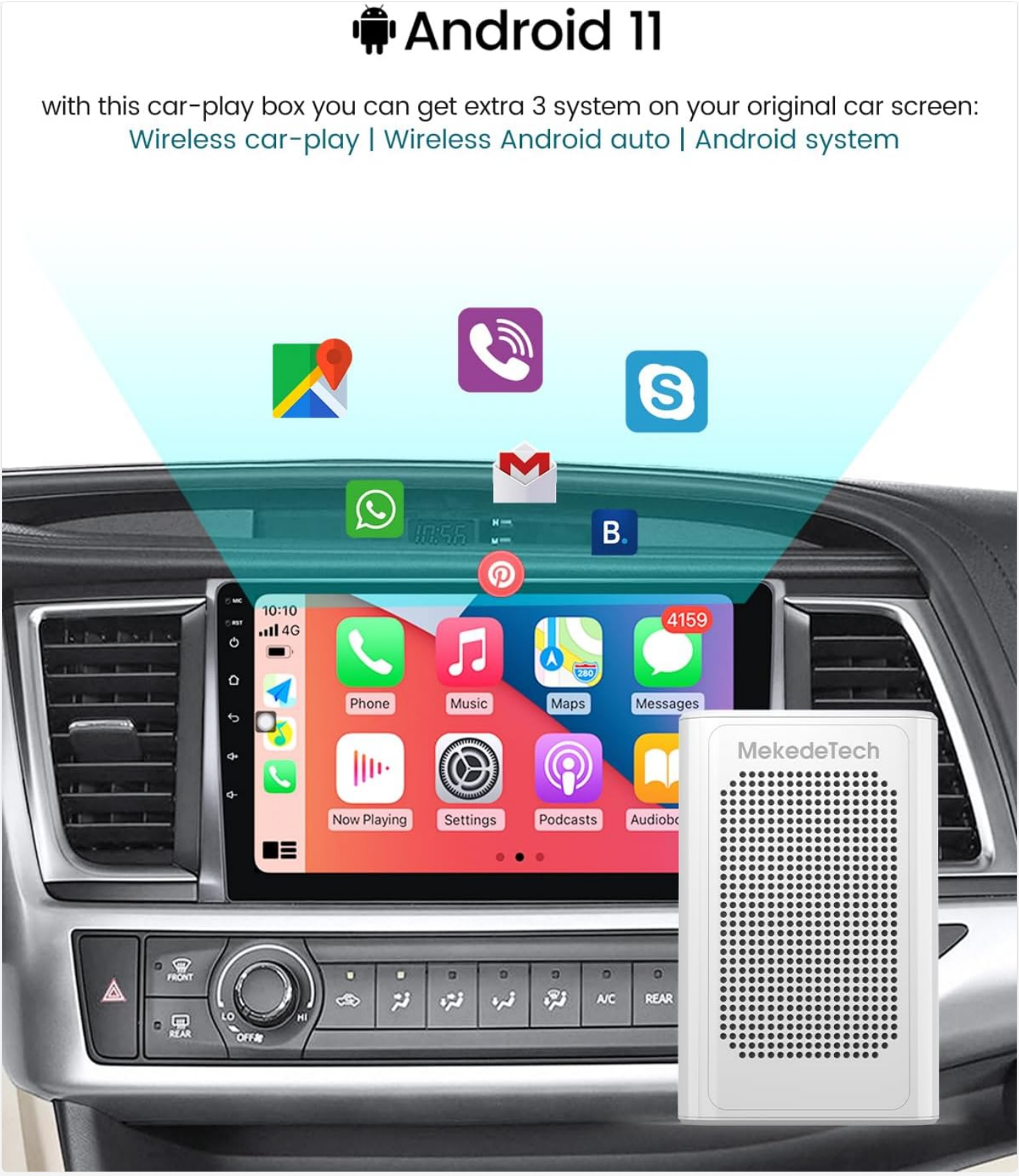



Figure 3: The Android 11 interface on your car's screen, displaying various applications.

## 4.2. Media Playback

The adapter supports local media playback from external storage.

- **USB Disk:** Insert a USB disk into the adapter's USB port to play videos and music.
- **TF Card:** Insert a TF (Micro SD) card into the designated slot to access stored media files.




Figure 4: The adapter features Micro SD and SIM card slots for expanded functionality and media playback.

## 4.3. Control Methods

The adapter retains compatibility with your original car's control mechanisms, ensuring a familiar user experience.

- **Steering Wheel Controls:** Use your vehicle's steering wheel buttons to navigate and control media.
- **Knob/Joystick Control:** If your car has a central control knob or joystick, it will function with the adapter.
- **Touch Screen Control:** Interact directly with the car's touch screen.

- **Voice Assistant:** Utilize your car's factory microphone for voice commands (e.g., Siri, Google Assistant).




Figure 5: The adapter supports multiple control methods, including steering wheel, knob, touch screen, and voice commands.

## 5. Maintenance

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

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.

- **Avoid Extreme Temperatures:** Do not expose the device to extreme heat or cold, as this can affect its internal components. The working environment temperature range is -20°C to 70°C.
- **Secure Placement:** Ensure the adapter is placed in a stable location within your vehicle to prevent physical damage from movement. Its compact size allows for placement in hidden spaces.




Figure 6: The compact dimensions of the adapter (3.5 inches height, 2.2 inches width) allow for discreet placement.

## 6. Troubleshooting

If you encounter issues with your MekedeTech adapter, refer to the following common solutions:

| Problem | Possible Cause / Solution |
| --- | --- |
| Adapter does not power on. | • Ensure the USB cable is securely connected to both the adapter and the car's USB port.<br>• Verify that the car's USB port is active and provides power (5V 1A).<br>• Try a different USB port in your vehicle if available. |
| Cannot connect to Wireless CarPlay/Android Auto. | • Confirm your vehicle has factory-wired CarPlay or Android Auto.<br>• Ensure Bluetooth and Wi-Fi are enabled on your phone.<br>• Forget the device from your phone's Bluetooth settings and try pairing again.<br>• Restart both your phone and the car's infotainment system.<br>• **Note:** Not compatible with BMW vehicles. Wireless Android Auto does not support Samsung phones. |
| Apps are slow or freezing. | • Check your cellphone's hotspot connection for internet stability.<br>• Close unused applications running in the background on the adapter.<br>• Restart the adapter by unplugging and re-plugging it. |
| No audio or distorted audio. | • Check the volume levels on both your car's system and the adapter.<br>• Ensure the car's audio input is set to the correct source (e.g., USB, CarPlay/Android Auto).<br>• Restart the adapter and your car's infotainment system. |

If the issue persists, please contact MekedeTech customer support for further assistance.

## 7. Specifications

| Feature | Detail |
| --- | --- |
| Operating System | Android 11 |
| System Storage | 2GB RAM + 32GB ROM |
| Communication Standard | LTD-FDD/LTE-TDD/WCDMA/GSM |

| Feature | Detail |
| --- | --- |
| Positioning | GPS |
| Wireless Network | 802.11a/b/g/n/ac |
| Bluetooth | 5.0 |
| Power Input | 5V 1A |
| Working Environment | -20°C ~ 70°C (-4°F ~ 158°F) |
| Package Dimensions | 5 x 4 x 2 inches |
| Item Weight | 1 pound |
| Model Number | RK0232 |
| Connectivity Technology | Bluetooth |
| Controller Type | Android |
| Compatible Devices | Smartphone, iPhone |
| Connector Type | USB 2.0 |
| Audio Output Mode | Surround |
| Surround Sound Channel Configuration | 5.1 |
| Video Encoding | MOV |
| Color | White |

## 8. Compatibility

The MekedeTech Wireless Carplay and Android Auto Adapter is compatible with vehicles manufactured in 2015 and later that feature a factory-installed wired CarPlay or Android Auto system.

**Exclusions:**

- Not compatible with BMW vehicles.
- Wireless Android Auto functionality does not support Samsung phones.

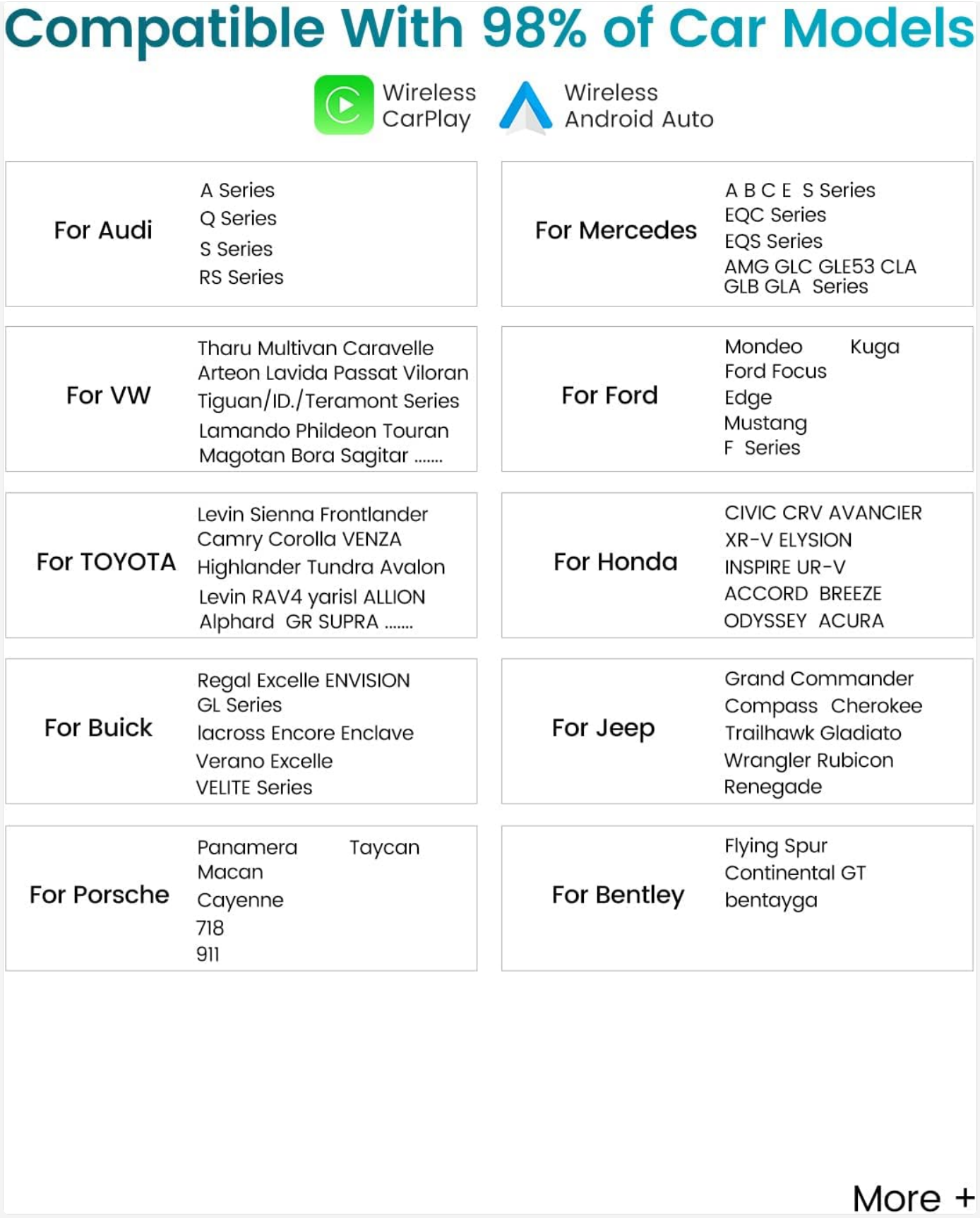



Figure 7: Examples of compatible car brands and series, including Audi, Mercedes, VW, Ford, Toyota, Honda, Buick, Jeep, Porsche, and Bentley.

## 9. Warranty and Support

For warranty information and customer support, please refer to the official MekedeTech website or contact the seller directly through your purchase platform. It is recommended to keep your purchase receipt for warranty claims.
If you are unsure about compatibility or have any questions, please reach out to MekedeTech customer service for assistance.

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