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› KAMING Magic Box Z3 Streaming Device User Manual

KAMING Z3

KAMING Magic Box Z3 User Manual

Your comprehensive guide to setting up and operating your KAMING Magic Box Z3 streaming device.

1. INTRODUCTION

1.1 Product Overview

The KAMING Magic Box Z3 is an innovative streaming device designed to enhance your in-car entertainment and connectivity. It converts your factory-wired CarPlay system into a wireless CarPlay or Android Auto experience, while also providing access to popular streaming services like Netflix, YouTube, Prime Video, and Disney+. Additionally, it supports USB media playback and offers HDMI output for home use.

1.2 Key Features

- Converts wired CarPlay to wireless CarPlay and Android Auto.
- Built-in streaming apps: Netflix, YouTube, Prime Video, Disney+.
- Supports video and music playback from USB flash drives.
- HDMI output for screen mirroring to TVs or projectors.
- Compatible with original vehicle control modes: Siri voice, steering wheel, knob, and touch screen.
- Compact and portable design.

1.3 Package Contents

Please verify that all items are present in your package:

- 1 x KAMING Magic Box Z3 Wireless CarPlay Adapter
- 1 x USB-C to USB-A Cable
- 1 x USB-C to USB-C Cable
- 1 x User Manual (this document)

2. SAFETY INFORMATION

To ensure safe operation and prevent damage to the device or your vehicle, please observe the following safety guidelines:

- Do not operate the device in extreme temperatures. If your car interior is excessively hot, allow it to cool before use.
- Avoid exposing the device to water or excessive moisture.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Ensure cables are securely connected to prevent accidental disconnection during driving.
- Always prioritize safe driving. Do not engage in activities that distract you from the road.
- Navigation while watching video is not supported.

3. SETUP

3.1 Compatibility

The KAMING Magic Box Z3 is designed for vehicles equipped with a **factory-installed wired CarPlay system from 2015 onwards**. It is compatible with iPhones running iOS 9 and above, and Android phones running Android 10 and above.

Important Note:

- Vehicles without wired CarPlay or those with only wireless CarPlay connections are **not supported**.
- BMW vehicles are currently **not supported**.
- Some specific car models may have compatibility issues (e.g., 2022 Honda Pilot, 2023 Toyota Tundra SR5, 2022 Jeep Grand Cherokee). Please contact customer support if you encounter issues.

Compatible with **98%** Wired CarPlay Cars

- Only for Cars with Factory Wired Apple CarPlay. (BMW is not supported)
- Supports IOS 9 and above & Android 10 and above.



Image: The Magic Box Z3 is compatible with 98% of wired CarPlay cars, excluding BMW. This image displays logos of supported car brands such as Chery, Citroen, Chevrolet, Hyundai, Audi, Skoda, Mazda, Land Rover, Jeep, Cadillac, Volvo, Ford, Volkswagen, Buick, Peugeot, Ferrari, and Benz.

3.2 Connection Steps

Follow these steps to connect your KAMING Magic Box Z3 and establish a wireless connection:

1. **Forget Bluetooth & Wi-Fi:** Before connecting the Magic Box, ensure you have forgotten any previous Bluetooth and Wi-Fi connections between your phone and your car's infotainment system.
2. **Plug in the Magic Box:** Connect the Magic Box to your car's USB port (the one typically used for wired CarPlay) using the provided USB-C to USB-A or USB-C to USB-C cable.
3. **Wait for Boot Screen:** Allow the device to boot up. The car's screen should display the Magic Box interface.
4. **Select CarPlay or Android Auto:** On the Magic Box interface, select either "CarPlay" or "Android Auto" depending on your phone's operating system.
5. **Enable Bluetooth & WLAN on Phone:** On your smartphone, go to your Bluetooth and Wi-Fi settings.
6. **Connect to Magic Box Bluetooth:** Find and select the Bluetooth name of the Magic Box (e.g., "Z3 Box-

XXX") from the list of available devices.

7. **Pair and Allow:** Confirm the pairing request on both your phone and the car screen. Select "Pair" and "Allow" for synchronization.
8. **Start Wireless CarPlay/Android Auto:** Wait for a few moments. Your wireless CarPlay or Android Auto should now start automatically.

Small Size & Ease to Use



Wireless CarPlay Adapter
Model: Z3

User Manual
V 1.0

USB C to USB C **USB A to C Cable** **User Manual**



car **TV or Projector** **iOS** **android**

How to Connctet Apple Carplay and Android Auto?

1. Forget regular Bluetooth & Wifi between your car and phone,plug the box into the car.
2. Wait for the boot page of the box system, select CarPlay or Android Auto button to get the device name.
3. Turn on your phone's Bluetooth & WLAN, select the Bluetooth name of the box: Z3 Box-XXX.
4. Select"Pair"and"Allow"synchronization, then wait for Apple Carplay or Android Auto to start.

Image: This image illustrates the compact size of the Magic Box Z3, its USB and HDMI ports, and the included USB-C to USB-C and USB-A to USB-C cables. It also shows a diagram of how to connect the device to a car, TV, or projector, and how to connect Apple CarPlay and Android Auto wirelessly.

Work Well For Many Occasions!



Image: A visual step-by-step guide demonstrating the process of connecting the Magic Box Z3 to your car and pairing it with your smartphone for wireless Apple CarPlay or Android Auto. It shows the device plugged into the car's USB port, the car's infotainment screen, and the phone's Bluetooth settings.

4. OPERATING INSTRUCTIONS

4.1 Wireless CarPlay and Android Auto

Once connected, the Magic Box Z3 provides a seamless wireless experience for Apple CarPlay and Android Auto. Your phone will automatically connect to the device when you start your car after the initial setup, allowing you to access navigation, music, calls, and messages directly on your car's display without needing a cable.



Image: This image shows a car's infotainment screen displaying both Apple CarPlay and Android Auto interfaces, highlighting the device's ability to convert wired connections to wireless for both platforms. It also shows the main menu of the Magic Box 2.0 Home Page with various app icons.

4.2 Multimedia Streaming

The Magic Box Z3 comes with pre-installed applications for popular streaming services, transforming your car into a mobile entertainment hub. Ensure your device is connected to a wireless network (e.g., mobile hotspot) to access online content.

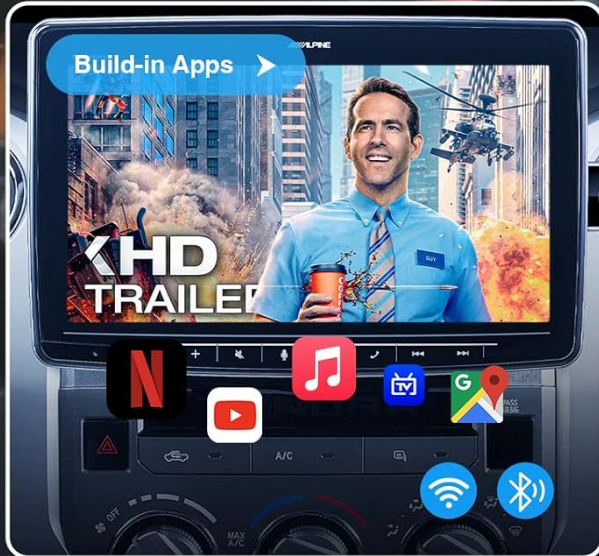
- **Built-in Apps:** Access Netflix, YouTube, Prime Video, and Disney+ directly from the device's interface.
- **USB Playback:** If internet access is unavailable, you can play videos and music files directly from a USB flash drive inserted into the Magic Box's USB port.

Three Ways to Stream to Your Car

Miracast Apps ▶



Build-in Apps ▶



USB Video ▶



Image: This image illustrates three methods for streaming content to your car's display: Miracast Apps (screen mirroring from phone), Built-in Apps (Netflix, YouTube, etc.), and USB Video playback. All three show a movie playing on the car's screen.

4.3 Screen Mirroring and HDMI Output

The Magic Box Z3 supports screen mirroring from your mobile phone to your car's display, or to an external TV or projector via its HDMI output. This allows you to project any video or content from your phone onto a larger screen.

- **Screen Mirroring:** Connect your mobile phone and the Magic Box to the same Wi-Fi network, then use your phone's screen mirroring function (e.g., Miracast for Android, AirPlay for iOS) to cast content.
- **HDMI Output:** Use an HDMI cable (not included) to connect the Magic Box to any display with an HDMI input, such as a TV or projector, to use it as a smart TV dongle.

HDMI Display Dongle for Miracasting at Home



IOS Phones:
Supports Miracast the whole phone.



Android Phones:
Only support Miracast Apps with the projection function.



Important Note: If use the software that comes with the box to watch videos, you need to plug a USB mouse into the box USB port to operate.

Image: This image demonstrates the Magic Box Z3's capability as an HDMI display dongle for home use. It shows an iPhone mirroring its entire screen to a TV, and an Android phone using Miracast apps to project content to a TV. A note indicates that a USB mouse might be needed for video playback with certain software.

4.4 Control Methods

The Magic Box Z3 integrates seamlessly with your vehicle's existing control systems, providing a familiar and convenient user experience:

- **Siri Voice Control:** Use voice commands for navigation, calls, and music playback.
- **Steering Wheel Control:** Manage audio, calls, and navigation directly from your steering wheel buttons.
- **Knob Control:** Utilize your car's rotary knob for menu navigation and selections.
- **Touch Screen Control:** Interact directly with the car's touch screen for intuitive operation.

Support All Control Methods of The Original Vehicle

Make your driving more convenient and comfortable.



Siri Voice Control



Touch Screen



Knobs Control



Steering Wheel Control

Image: This image displays the various control methods supported by the Magic Box Z3 within a vehicle, including Siri voice control, touch screen interaction, physical knob control, and steering wheel controls, ensuring a comprehensive and integrated user experience.

5. CARE AND MAINTENANCE

Proper care and maintenance will extend the lifespan of your KAMING Magic Box Z3:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Software Updates:** Periodically check for software updates through the device's settings menu. Updates can improve performance and add new features. The device supports Wi-Fi updatable microchip.
- **Cable Management:** Ensure cables are not kinked or pinched, which can lead to damage.

6. TROUBLESHOOTING

If you encounter issues with your KAMING Magic Box Z3, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Device does not power on or connect.	◦ Ensure the device is securely plugged into the car's USB port. ◦ Verify that your car has a factory-installed wired CarPlay system. ◦ Try a different USB port in your car, if available. ◦ Check if the USB cable is damaged; try using the other provided cable.
Wireless CarPlay/Android Auto does not connect.	◦ Ensure Bluetooth and Wi-Fi are enabled on your phone. ◦ Forget previous Bluetooth/Wi-Fi connections between your phone and car. ◦ Ensure you have selected the correct Bluetooth device name (e.g., "Z3 Box-XXX"). ◦ Restart both your phone and the Magic Box (unplug and replug). ◦ Check for software updates for the Magic Box.
Streaming apps (Netflix, YouTube) are slow or not loading.	◦ Verify a strong and stable internet connection (Wi-Fi or mobile hotspot). ◦ Close other background applications on the Magic Box to free up resources. ◦ Clear the cache of the streaming apps within the Magic Box settings. ◦ Perform a factory reset if issues persist (consult customer support for guidance). ◦ If the car is very hot, the device may not work optimally; allow it to cool.
Screen mirroring or HDMI output not working.	◦ For screen mirroring, ensure both your phone and the Magic Box are on the same Wi-Fi network. ◦ For HDMI output, ensure the HDMI cable is securely connected to both the Magic Box and the display. ◦ Check the input source on your TV/projector is set to the correct HDMI port. ◦ Some Android phones may only support Miracast apps for projection, not full screen mirroring.

Problem	Possible Cause / Solution
Device restarts frequently.	◦ Ensure the power supply from the car's USB port is stable. ◦ Check for software updates. ◦ If the issue persists, contact customer support.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	Z3
Product Dimensions	2.7 x 2.7 x 0.5 inches (6.86 x 6.86 x 1.27 cm)
Item Weight	5.9 ounces (168 Grams)
Connectivity Technology	Bluetooth, Wi-Fi (5GHz)
Special Features	Wireless CarPlay, Wireless Android Auto, Built-in Streaming Apps (Netflix, YouTube, Prime Video, Disney+), USB Media Playback, HDMI Output, Screen Mirroring, World TV App
Power Supply	5V===1A (via USB)

8. WARRANTY AND CUSTOMER SUPPORT

KAMING provides lifetime support for the Magic Box Z3. If you encounter any problems or have questions regarding your wireless CarPlay adapter, please do not hesitate to contact our customer support team.

For assistance, please visit the official KAMING store on Amazon or refer to the contact information provided with your purchase documentation.

Online Support: [Visit the KAMING Store on Amazon](#)