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Bestycar HCT-RK3326

Bestycar Wireless CarPlay Converter HCT-RK3326 User Manual

Model: HCT-RK3326

1. Introduction

The Bestycar Wireless CarPlay Converter HCT-RK3326 is designed to transform your vehicle's existing wired CarPlay and Android Auto system into a wireless experience. This device allows for seamless integration of your smartphone with your car's navigation and entertainment features, enabling voice control for calls, music, messaging, and online navigation. It also features built-in applications like Netflix and YouTube for video playback and supports media playback via an SD card.

2. Package Contents

Verify that all items are present in the package:

- 1 x Bestycar Wireless CarPlay Converter (HCT-RK3326)
- 1 x USB Type-C Cable
- 1 x USB Type-A Cable
- 1 x User Manual

3. Setup Instructions

Before proceeding, ensure your vehicle has a factory-installed wired CarPlay system. This device is not compatible with aftermarket radios.

3.1 Compatibility Check

The converter is designed for vehicles equipped with original wired CarPlay functionality. It is compatible with a wide range of car brands and models.



Figure 3.1: Compatibility overview for vehicles with original wired CarPlay.

3.2 Connecting the Device

Follow these steps to connect the Wireless CarPlay Converter to your vehicle:

1. Locate the USB port in your car that supports Apple CarPlay.
2. Connect the provided USB Type-C or Type-A cable to the converter and then to the car's CarPlay USB port.
3. The device is designed for plug-and-play operation, requiring no dashboard disassembly or complex wiring.



Figure 3.2: Simple plug-and-play connection process.

3.3 Initial Pairing

After connecting the converter, proceed with pairing your smartphone:

1. On your smartphone, enable both Wi-Fi and Bluetooth.
2. Search for available Bluetooth devices and select the converter's Bluetooth name (usually displayed on your car's screen).
3. If prompted, enter the pairing code "0000".
4. Once paired, your car's display should show the converter's interface, allowing access to wireless CarPlay or Android Auto.

4. Operating Instructions

4.1 Wireless CarPlay and Android Auto

Once connected and paired, the converter provides a wireless interface for both Apple CarPlay and Android Auto. You can access navigation, music, calls, and messages directly from your car's display using your smartphone's features.



Figure 4.1: Main screen function display with CarPlay, Android Auto, and built-in apps.

4.2 Built-in Applications

The device includes pre-installed applications for entertainment:

- **Netflix:** Stream movies and TV shows.
- **YouTube:** Watch videos and other content.

To use these applications, the converter requires an internet connection, typically provided by your smartphone's hotspot or an in-car Wi-Fi source.



Figure 4.2: Overview of the Android system with wireless CarPlay/Android Auto and built-in apps.

4.3 Micro SD Card Support

The converter features a Micro SD card slot, allowing you to play videos, music, and view pictures directly from the card. This provides additional media storage and playback options.

4.4 Retaining Original Car Controls

The Wireless CarPlay Converter is designed to work seamlessly with your vehicle's existing control mechanisms, including:

- Steering wheel controls
- Knob controls
- Button controls
- Touchscreen controls



Figure 4.3: Compatibility with original car control functions.

4.5 Split Screen Functionality

The device supports split-screen display, allowing you to view two applications simultaneously on your car's screen. For example, you can use navigation on one side while a passenger watches a video on the other.

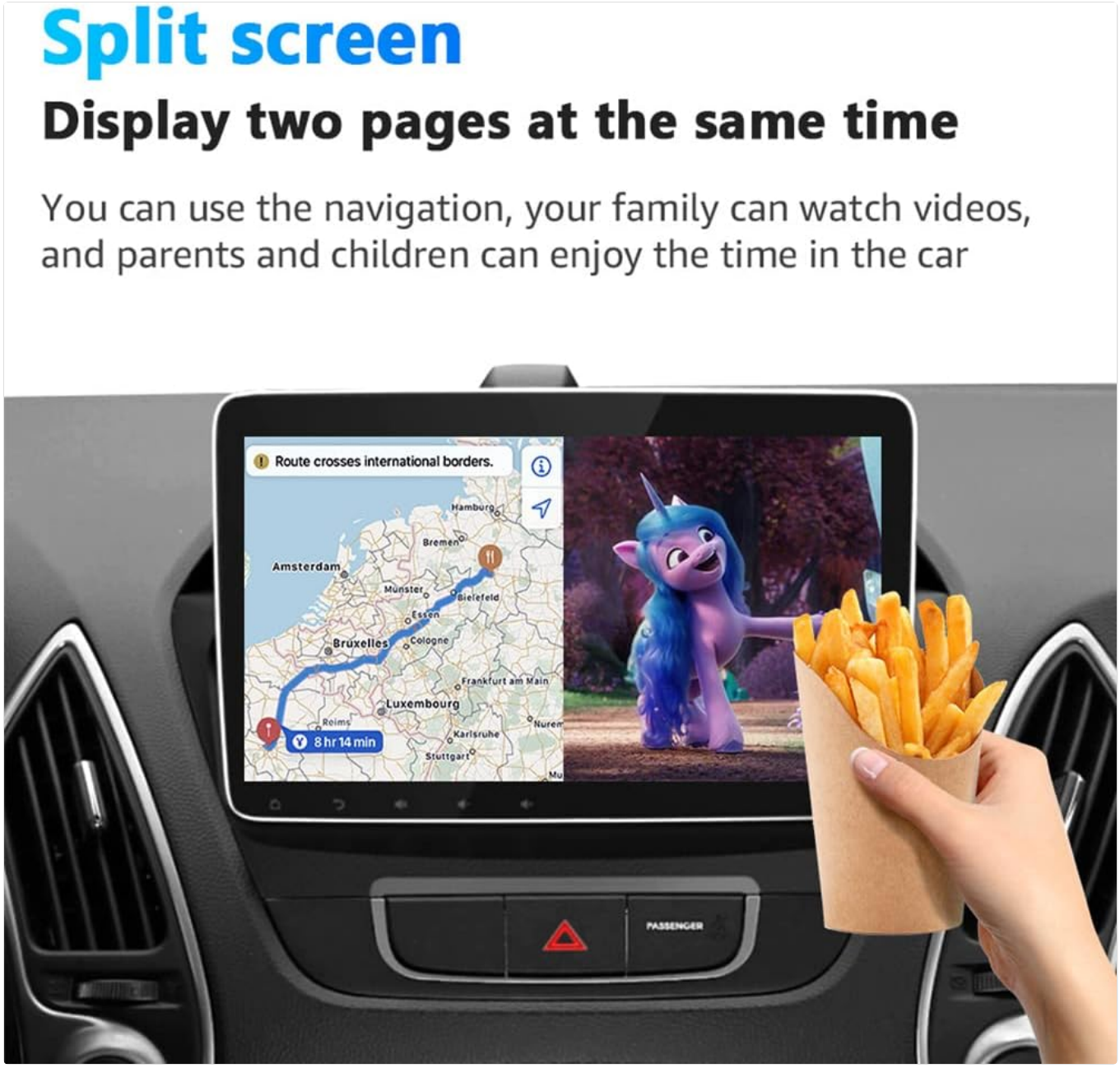

Figure 4.4: Split screen display in action.

5. Specifications

The following table details the technical specifications of the Bestycar Wireless CarPlay Converter HCT-RK3326:

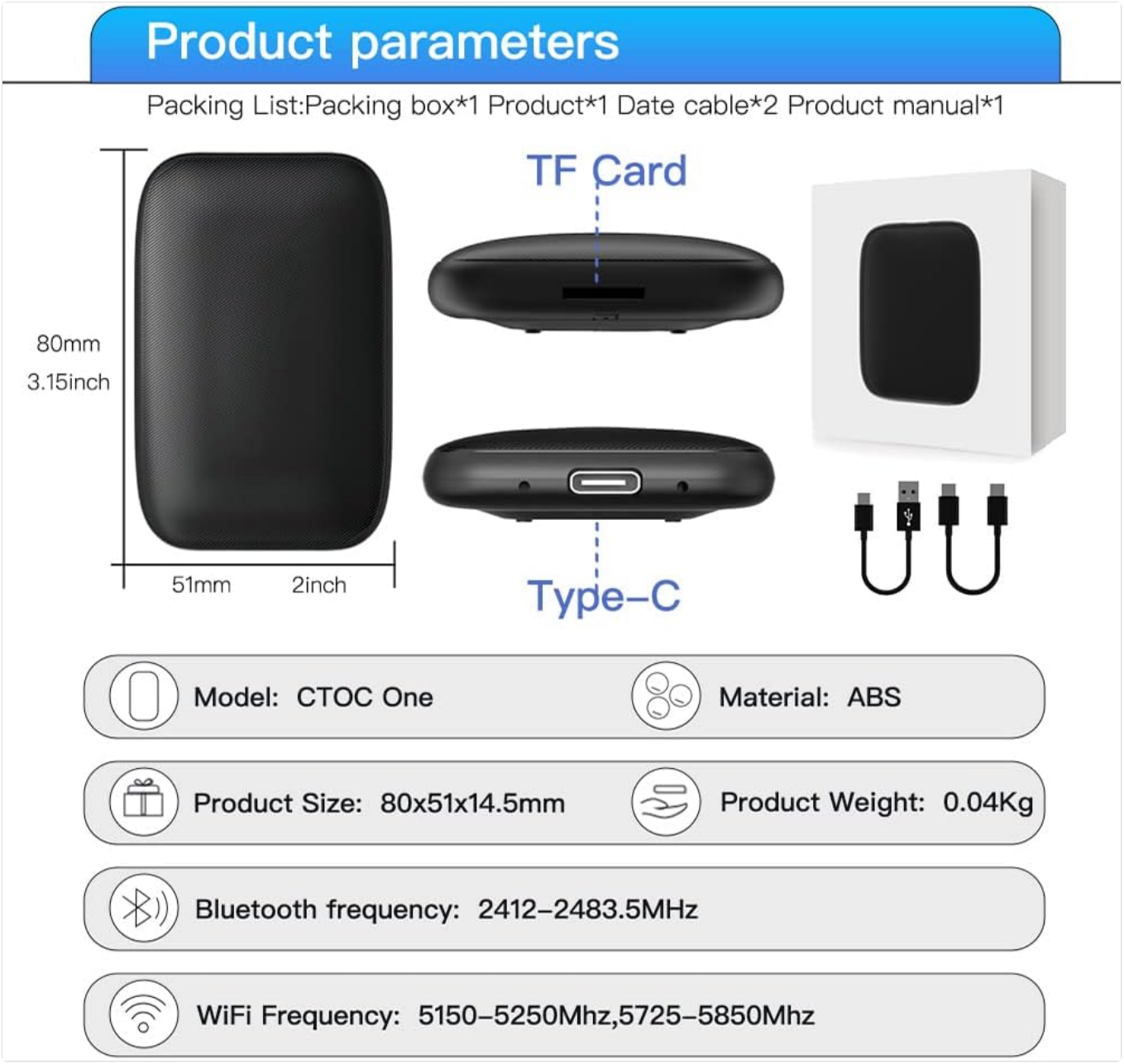

Figure 5.1: Product dimensions and interface overview.

Feature	Detail
Model Number	HCT-RK3326
Operating System	Android 8.1
CPU	Quad-core Cortex-A35 up to 1.5GHz
GPU	Mali-G31MP2
Memory	2GB LPDDR4X + 8GB eMMC
Video Encoding	1080P H.264/VP8
Video Decoding	1080P H.265/H.264/VC-1/MPEG/VP8
Wi-Fi	802.11 a/b/g/n/ac (2.4G band supported)
Bluetooth Version	5.0

Feature	Detail
Interfaces	TF-CARD slot, Type-C interface
Dimensions (L x W x H)	3.15 x 2 x 0.57 inches (80 x 51 x 14.5 mm)
Weight	0.13 Kilograms (0.04 Kg as per image)
Compatible Devices	Smartphone, Car Audio System with wired CarPlay
Connector Type	USB Type C

Note: Weight discrepancy between product data (0.13 kg) and image (0.04 kg). Please refer to the product packaging for the most accurate information.

6. Troubleshooting

If you encounter issues with your Wireless CarPlay Converter, refer to the following common problems and solutions:

- **Device not powering on:**
  - Ensure the USB cable is securely connected to both the converter and the car's USB port.
  - Verify that the car's USB port is active and providing power.
- **Unable to connect to wireless CarPlay/Android Auto:**
  - Confirm your car has original wired CarPlay functionality.
  - Ensure your phone's Wi-Fi and Bluetooth are enabled.
  - Delete previous Bluetooth pairings on your phone and car, then attempt to re-pair with the converter.
  - Try restarting both your phone and the car's infotainment system.
- **No sound or poor audio quality:**
  - Check the volume levels on both your car's system and your smartphone.
  - Ensure the car's audio input is set to the correct source (e.g., CarPlay/Android Auto).
- **Built-in apps (Netflix/YouTube) not working:**
  - Verify that the converter has an active internet connection (e.g., via smartphone hotspot).
  - Check if the internet connection is stable and has sufficient bandwidth for streaming.
- **Lag or slow performance:**
  - Ensure your smartphone is not running too many background applications.
  - A strong and stable Wi-Fi connection from your phone's hotspot is crucial for optimal performance.

7. Maintenance

To ensure the longevity and optimal performance of your Wireless CarPlay Converter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care to prevent physical damage. Avoid dropping or subjecting it to strong impacts.
- **Environment:** Do not expose the device to water, moisture, or excessive dust.

8. Warranty and Support

The Bestycar Wireless CarPlay Converter HCT-RK3326 comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.
For technical support, warranty claims, or further assistance, please contact Bestycar customer service through the retailer where the product was purchased or refer to the contact information provided on the product packaging.

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