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EKIY EC16

EKIY EC16 Wireless CarPlay & Android Auto Adapter User Manual

Model: EC16

INTRODUCTION

The EKIY EC16 is a compact 2-in-1 wireless adapter designed to convert your car's existing wired CarPlay or Android Auto system into a wireless connection. This device allows for seamless integration of your smartphone's features onto your car's infotainment display without the need for cables.



Image: EKIY EC16 Wireless CarPlay & Android Auto Adapter, shown in a compact size.

PRODUCT FEATURES

- **Wired to Wireless Conversion:** Transforms wired CarPlay and Android Auto into wireless functionality.
- **Compact 2-in-1 Design:** Ultra-miniature size for discreet installation.
- **Advanced Connectivity:** Utilizes Bluetooth 5.4 and 6Ghz WiFi for stable and fast wireless connections.
- **Automatic Reconnection:** Automatically connects to your paired smartphone when the car engine starts.
- **Original Car Functionality:** Supports existing car controls including steering wheel, knob, voice, and touchscreen.
- **Over-The-Air (OTA) Updates:** Ensures the adapter stays updated with the latest features and optimizations.

PACKAGE CONTENTS

Verify that all items are present in the package:

- EKIY EC16 Wireless CarPlay & Android Auto Adapter
- USB Female A to C cable
- User Manual (this document)



Image: The EKIY EC16 adapter shown alongside its included USB-A to USB-C cable.

COMPATIBILITY

The EKIY EC16 adapter is compatible with:

- Cars from 2016 onwards that have factory-installed wired CarPlay and Android Auto.
- iPhones running iOS 10 or later.
- Android phones running Android 11.0 or later.

Important Note: This adapter does not support BMW, Tesla, certain other car models, and some aftermarket stereos. For specific compatibility verification, please refer to the product listing or contact customer support.

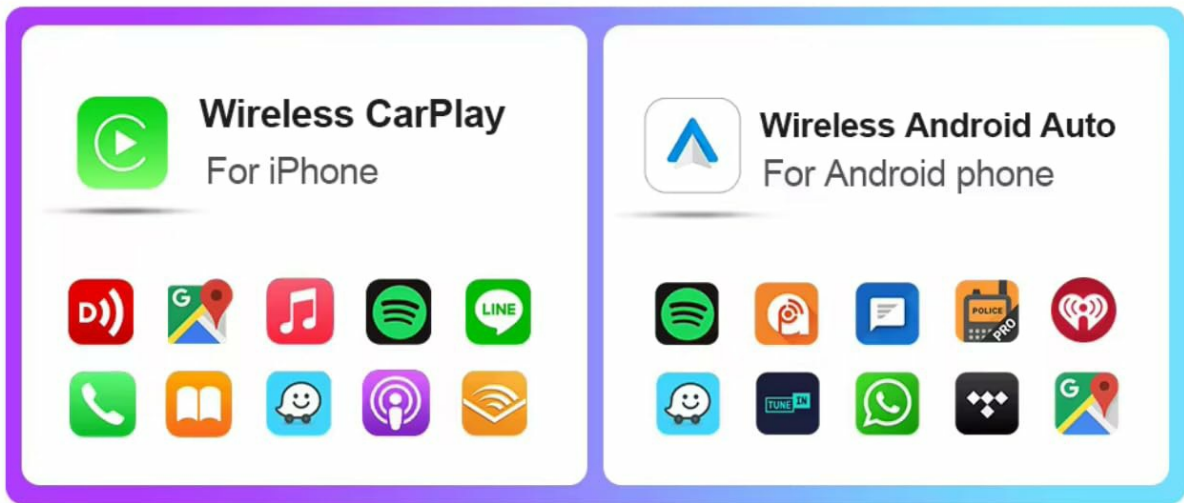


Image: A car's infotainment screen displaying both Wireless CarPlay and Wireless Android Auto interfaces, indicating broad compatibility.

SETUP AND INSTALLATION

Follow these steps to set up your EKIY EC16 adapter:

1. **Connect the Adapter:** Plug the EKIY EC16 adapter into your car's USB port that supports wired CarPlay or Android Auto. Use the provided USB cable if necessary.
2. **Initial Pairing:** On your smartphone, enable Bluetooth and Wi-Fi. Search for the adapter's Bluetooth name (e.g., "smartBox-CEFF") and pair with it.
3. **Automatic Connection:** Once paired, the adapter will automatically connect to your phone when the car engine is turned on for future drives. The initial setup typically takes about 30 seconds, with subsequent reconnections in approximately 5 seconds.

Note: The adapter connects to one phone at a time. If switching phones, disconnect the Bluetooth and Wi-Fi connection of the previously connected phone before pairing a new one.

Automatic Connection

After connecting the box for the first time, the subsequent car can be automatically connected, intelligent and convenient



Image: A smartphone displaying connection icons, with a car's silhouette in the background, illustrating the automatic connection feature of the adapter.

OPERATING INSTRUCTIONS

Once connected, your car's display will show the CarPlay or Android Auto interface. You can interact with your smartphone's applications directly through the car's system.

- **Navigation:** Use your preferred navigation apps (e.g., Apple Maps, Google Maps) for directions.
- **Music and Audio:** Play music, podcasts, and audiobooks through your car's speakers.
- **Calls and Messages:** Make and receive calls, and send/receive messages using voice commands or the touchscreen.
- **Control Methods:** The adapter supports various control inputs including the car's touchscreen, voice commands, steering wheel buttons, and rotary knob controls.

Original Car Function



Steering Wheel Control



Knob Control



Voice Control



Touch Screen Control

Image: Four panels showing different car control methods: steering wheel control, knob control, voice control, and touch screen control, all compatible with the adapter.

OTA UPDATES

The EKIY EC16 adapter supports Over-The-Air (OTA) updates. This feature allows you to download and install the latest software versions directly to your device, ensuring optimal performance, new features, and compatibility improvements. Regularly check for updates to maintain the best user experience.

OTA Updates

Always stay updated with the latest content and optimized user experience with simple software updates

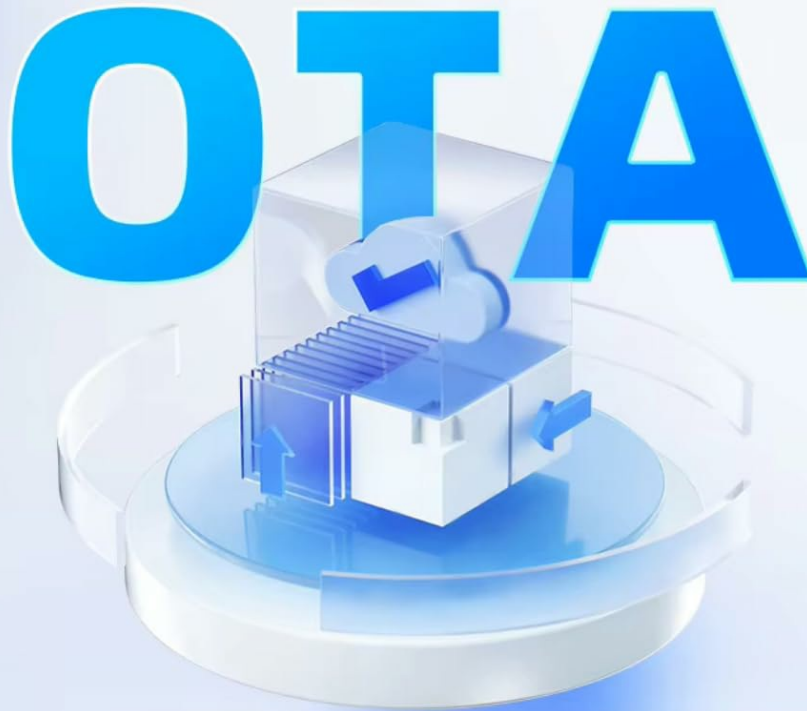


Image: A graphic representation of OTA updates, showing data flowing from a cloud to a device, symbolizing software updates for the adapter.

TROUBLESHOOTING

Issue	Possible Cause / Solution
Connection issues or frequent disconnections	Ensure your phone's Bluetooth and Wi-Fi are enabled. Verify the adapter is securely plugged into the correct USB port. Disconnect previous phone connections if pairing a new device. Check for adapter firmware updates.
Lag or slow response	Ensure your phone's operating system (iOS 10+ / Android 11.0+) is up to date. Check for adapter firmware updates. Close unnecessary background apps on your phone.
Adapter heating up	Some heat generation is normal during operation. Ensure the adapter is not obstructed and has adequate ventilation. If overheating persists or causes malfunctions, discontinue use and contact support.
Audio call quality issues	Check your phone's network signal. Ensure no other Bluetooth devices are interfering. Restart both your phone and the car's infotainment system.

Issue	Possible Cause / Solution
Incompatibility with specific car models	The adapter is not compatible with all vehicles (e.g., BMW, Tesla, some aftermarket stereos, MG Hector). Verify compatibility before purchase.
OEM system time changes	This can sometimes occur with third-party adapters. Check if there's an option in your car's settings to manually set the time or disable automatic time synchronization from the connected device.

SPECIFICATIONS

Feature	Detail
Brand	EKIY
Model	EC16
Product Dimensions	5 x 7 x 3 cm
Item Weight	50 g
Compatible Devices	Smartphone (iOS 10+ / Android 11.0+)
Data Transfer Rate	5.8 GHz (Wi-Fi)
Bluetooth Version	5.4
Connector Type	USB Type A, USB Type C
Country of Origin	China



Image: Detailed dimensions of the EKIY EC16 adapter, shown next to a coin for scale.

WARRANTY AND SUPPORT

The EKIY EC16 adapter comes with a 12-month global support warranty. Additionally, lifetime professional technical support is available through a dedicated Customer Care Portal. For any inquiries, technical assistance, or warranty claims, please refer to the contact information provided with your purchase or visit the official EKIY website.