

EKIY EC16

EKIY EC16 Wireless CarPlay and Android Auto Adapter User Manual

Model: EC16

1. INTRODUCTION

1.1 Product Overview

The EKIY EC16 is an ultra-mini 2-in-1 wireless adapter designed to convert your car's existing wired CarPlay or Android Auto system into a wireless connection. It features stable 6Ghz WiFi and Bluetooth 5.4 for seamless integration with your vehicle's infotainment system, providing a convenient and cable-free driving experience.

1.2 Package Contents

- EKIY EC16 Wireless CarPlay and Android Auto Adapter
- USB Female A to C cable
- User Manual

1.3 Key Features

- Wired to Wireless Conversion for CarPlay and Android Auto
- Compact and Ultra-Mini Design
- Stable Bluetooth 5.4 and 6Ghz WiFi Connectivity
- Automatic Reconnection upon vehicle startup
- Supports original car functions: Steering Wheel Control, Knob Control, Voice Control, Touch Screen Control
- Over-The-Air (OTA) Updates for continuous improvement

2. SETUP INSTRUCTIONS

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 Female A to C cable if necessary.
2. **Pair via Bluetooth:** On your smartphone (iPhone with iOS 10+ or Android with Android 11.0+),

enable Bluetooth and search for the adapter's Bluetooth name (usually "EKIY-XXXX"). Select it to pair.

3. **Confirm Connection:** Follow any on-screen prompts on your car's display to confirm the connection.
4. **Automatic Reconnection:** After the initial setup, the adapter will automatically connect to your paired phone when the car engine is turned on.



Image of the EKIY EC16 Wireless Adapter, a compact device designed for easy integration into a car's USB port.

Very small size

Wired to Wireless CarPlay & Android Auto



CarPlay



Android Auto



Image illustrating the small size of the EKIY EC16 Wireless Adapter, shown next to a human hand and a coin for scale, highlighting its ultra-miniature design.

3. OPERATING INSTRUCTIONS

3.1 Using CarPlay/Android Auto

Once connected, your car's display will show the wireless CarPlay or Android Auto interface. You can navigate apps, make calls, send messages, and play music directly from your car's screen.

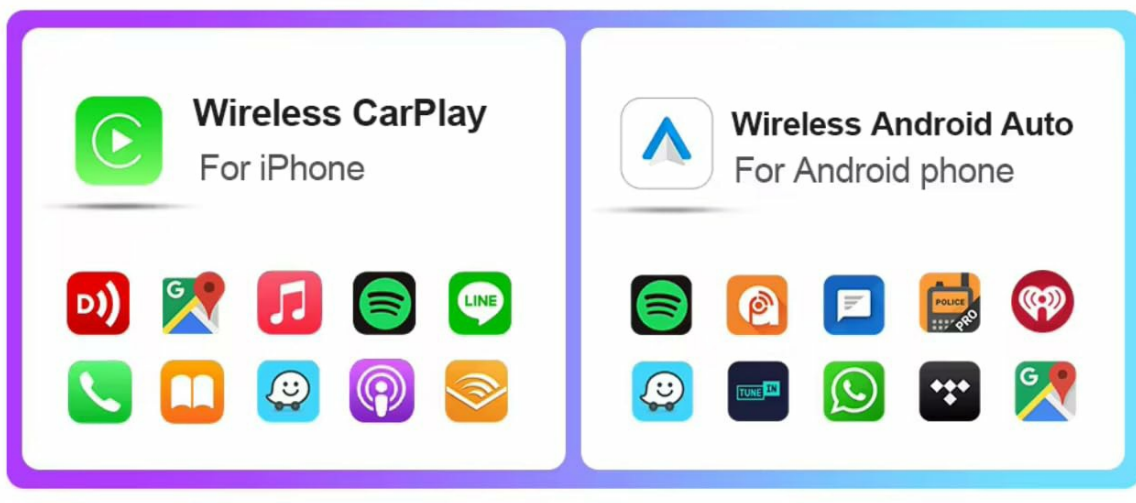


Image showing a car's infotainment screen displaying both Wireless CarPlay and Wireless Android Auto interfaces, with a smartphone connected to each, demonstrating the dual compatibility of the adapter.

3.2 Car Controls

The adapter supports your car's original control methods, ensuring a seamless user experience:

- Steering Wheel Controls
- Knob Control
- Voice Control
- Touch Screen Control

Original Car Function



Steering Wheel Control



Knob Control



Voice Control



Touch Screen Control

Image collage demonstrating the compatibility of the adapter with various original car control methods: steering wheel buttons, rotary knob, voice command activation, and touchscreen interaction.

3.3 Automatic Connection

After the initial pairing, the EKIY EC16 adapter will automatically detect and connect to your paired smartphone when the car engine is started, typically within 5 seconds.

Automatic Connection

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



Image depicting a smartphone automatically connecting to a car's infotainment system via the wireless adapter, symbolized by WiFi signals, indicating the automatic reconnection feature.

3.4 Switching Phones

The adapter connects to one phone at a time. To switch to a different phone, ensure the previously connected phone's Bluetooth and WiFi are disconnected from the adapter. Then, pair the new phone following the setup instructions in Section 2.

4. COMPATIBILITY

4.1 Vehicle Compatibility

The EKIY EC16 adapter is compatible with approximately 98% of cars manufactured from 2016 onwards that have factory-installed wired CarPlay and Android Auto.

4.2 Smartphone Compatibility

For iPhones, iOS 10 or later is required. For Android phones, Android 11.0 or later is required.

4.3 Exclusions

This adapter does not support BMW, Tesla, certain other car models, and some aftermarket stereos. For specific compatibility verification, consult the manufacturer's support or the CarPlay & Android Auto website.

5. MAINTENANCE

5.1 Over-The-Air (OTA) Updates

The adapter supports OTA updates to ensure it always has the latest features and optimized performance. Connect the adapter to a WiFi network (if prompted) or follow instructions provided by the manufacturer for updates.



Image illustrating the Over-The-Air (OTA) update process, showing data being wirelessly transmitted to the adapter, ensuring it stays updated with the latest software and features.

5.2 General Care

Keep the adapter in a dry environment. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods. Do not attempt to disassemble the device.

6. TROUBLESHOOTING

6.1 Connection Issues

- Ensure your car's USB port supports wired CarPlay/Android Auto.

- Verify Bluetooth and WiFi are enabled on your phone.
- Try restarting your phone and the car's infotainment system.
- Ensure no other devices are simultaneously trying to connect to the adapter.

6.2 Disconnections/Lag

- Check for potential interference from other wireless devices.
- Ensure the adapter is not overheating; prolonged use in direct sunlight or enclosed spaces can affect performance.
- Update the adapter's firmware via OTA updates if available.

6.3 Audio Quality

- Confirm your phone's volume and the car's audio system volume are set correctly.
- Check for any loose connections.

6.4 Adapter Not Recognized

- Try a different USB port in your car if available.
- Ensure your car model and phone OS version meet the compatibility requirements.

7. SPECIFICATIONS

Manufacturer	EKIY
Product Dimensions	50 x 70 x 30 mm (5 x 7 x 3 cm)
Item Weight	50 g
Data Transfer Rate	5.8 GHz (WiFi)
Connector Type	USB Type A, USB Type C (via included cable)
Compatible Devices	Smartphone
Operating System Compatibility	iOS 10+, Android 11.0+
Wireless Technology	Bluetooth 5.4, 6Ghz WiFi
Country of Origin	China

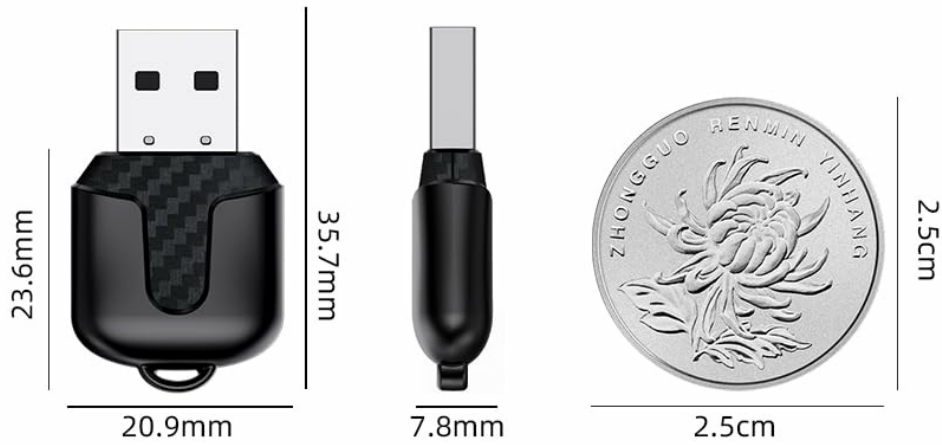


Image displaying the precise dimensions of the EKIY EC16 Wireless Adapter in millimeters and centimeters, alongside a coin for visual size comparison.

8. WARRANTY AND SUPPORT

8.1 Warranty

The EKIY EC16 adapter comes with a 12-month global support warranty from the date of purchase.

8.2 Technical Support

Lifetime professional technical support is available through the dedicated Customer Care Portal. For assistance, refer to the contact information provided with your product or on the manufacturer's official website.



Image of a 'Support Center' badge with a customer service icon and a phone number, indicating available customer assistance for the product.

Related Documents - EC16

User Manual <small>For CarPlay & Android Auto</small>	EKIY SmartBox User Manual: Wireless CarPlay & Android Auto Integration Comprehensive user manual for the EKIY SmartBox, detailing how to wirelessly connect your iPhone (CarPlay) and Android phone (Android Auto) to your car's infotainment system. Includes setup instructions, compatibility, and troubleshooting.
MOTORCYCLE INTELLIGENT NAVIGATION MANUAL <small>Operating Instructions</small>	EKIY Motorcycle Navigation Manual: Features, Setup & Troubleshooting Comprehensive user manual for the EKIY motorcycle navigation system, covering setup, features like Android Auto/CarPlay, DVR, Bluetooth, and troubleshooting common issues.

