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› [Kircuit](#) /

› Kircuit USB-C Car 5V DC Adapter User Manual for YaberAuto YA40/YA50 Jump Starters

Kircuit YA40 YA50

Kircuit USB-C Car 5V DC Adapter User Manual for YaberAuto YA40/YA50 Jump Starters

Model: YA40, YA50 Compatible Adapter

1. INTRODUCTION

Thank you for choosing the Kircuit USB-C Car 5V DC Adapter. This adapter is specifically designed to provide 5V DC power to compatible devices, such as the YaberAuto YA40 and YA50 car battery jump starters. This manual provides essential information for the safe and effective use of your adapter, including setup, operation, maintenance, and technical specifications. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

- Do not expose the adapter to moisture, rain, or extreme temperatures.
- Do not disassemble or modify the adapter. This may cause electric shock or fire.
- Ensure the adapter is used with devices that match its voltage and current specifications (5V DC).
- Keep out of reach of children.
- Always unplug the adapter from the power source when not in use or before cleaning.
- Avoid using the adapter if the cable or connector is damaged.

3. PRODUCT OVERVIEW

The Kircuit USB-C Car 5V DC Adapter is designed for reliable power delivery. It features a USB-C output and a standard car cigarette lighter plug input.



Figure 1: Kircuit USB-C Car 5V DC Adapter. This image shows the black adapter unit with a coiled black cable connected to a car cigarette lighter plug.

Key Features:

- **Compatibility:** Specifically designed for YaberAuto YA40 and YA50 car battery jump starters.
- **Input:** 12V DC from vehicle cigarette lighter socket.
- **Output:** 5V DC via USB-C connector.
- **Safety Features:** Built-in dynamic IC, charger IC, and power fuse for rapid charging and overcharge protection.
- **Portability:** Compact design for use on the go, at home, or in the office.

4. SETUP

1. **Identify the Power Source:** Locate the 12V cigarette lighter socket in your vehicle.
2. **Connect the Adapter:** Insert the car cigarette lighter plug of the Kircuit adapter firmly into the vehicle's 12V socket. Ensure a secure connection.
3. **Connect to Device:** Plug the USB-C connector of the adapter into the USB-C input port of your YaberAuto YA40 or YA50 jump starter.
4. **Verify Connection:** Confirm that your jump starter indicates it is receiving power or charging (e.g., via an LED indicator on the jump starter).

Note: The adapter is designed for 5V DC output. Ensure your device requires 5V DC input to prevent damage.

5. OPERATING INSTRUCTIONS

Once the adapter is properly connected to both your vehicle's 12V socket and your compatible device, it will begin to supply power or charge the device's battery.

- The adapter provides a stable 5V DC output.
- Charging times will vary depending on the battery capacity of your jump starter and its current charge level.
- Monitor your jump starter's charging indicator to determine when it is fully charged.
- For optimal performance, ensure your vehicle's engine is running when charging to prevent draining the vehicle's battery, especially during extended charging periods.

6. MAINTENANCE

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or kinks in the cable. Do not pull on the cable to disconnect the adapter; always grasp the plug.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires or cracked casing. If damage is found, discontinue use immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not charging/powering on.	Loose connection. Vehicle's 12V socket is not active. Incompatible device. Damaged adapter or cable.	Ensure all connections are secure. Test the 12V socket with another device or check vehicle's fuse. Verify your device requires 5V DC input and is compatible with USB-C. Inspect adapter for damage. If damaged, replace it.
Adapter gets warm during use.	Normal operation.	A slight warmth is normal during operation. If it becomes excessively hot, disconnect immediately and contact support.

8. SPECIFICATIONS

Brand: Kircuit

Model Compatibility: YaberAuto YA40, YA50

Input Voltage: 12V DC (from vehicle cigarette lighter)

Output Voltage: 5V DC

Connector Type: USB-C (output), Barrel Plug (car lighter input)

Color: Black

Manufacturer: Shenzhen Waweis Technology Co., Ltd

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer. Kircuit products are designed for reliability and performance.

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Question

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Model number, symptoms, what you tried, or the section of the manual you are using.

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