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RIWUSI BC47

RIWUSI Bluetooth 5.3 Car Adapter User Manual

Model: BC47

PRODUCT OVERVIEW

The RIWUSI Bluetooth 5.3 Car Adapter is a versatile 2-in-1 device that combines an FM Bluetooth transmitter with a fast car charger. It is designed to provide seamless audio streaming, hands-free calling, and rapid charging capabilities in your vehicle.



Image: Front view of the RIWUSI Bluetooth 5.3 Car Adapter, showing the LED display, control knob, and dual charging ports (PD 36W and QC3.0 18W).

Key Features:

- **Rapid and Secure Charging:** Equipped with dual USB Type-C (PD 36W) and USB-A (QC 18W) ports, offering up to 54W total output for simultaneous fast charging. Features intelligent safety functions to prevent overcharging, overloading, overheating, and short circuits.
- **Bluetooth 5.3 Connectivity:** Ensures swift, stable, and smart connection for high-quality music streaming and hands-free calls with minimal audio loss. Supports quick 1-second pairing and automatic re-connection.
- **Dual Microphones with CVC Noise Cancellation:** Built-in noise-canceling dual microphones (CVC) effectively reduce external noise for clearer hands-free calling and navigation voice broadcasts.
- **Intuitive Multi-Function Knob:** Features a user-friendly design with a single button for easy call management (answer/reject/hold/call back) and seamless switching between calls and music. Long-press to activate voice

assistants like Siri.

- **Blue Ambient Light & Voltage Monitor:** Upon plugging in, the LED screen displays the car's voltage for real-time monitoring. The ambient blue light enhances visibility and adds to the car's interior ambiance.

SETUP GUIDE

Follow these steps to set up your RIWUSI Bluetooth Car Adapter and connect it to your vehicle's audio system.

1. **Step 1: Find a Blank FM Channel**

Insert the RIWUSI Bluetooth Car Adapter into your car's cigarette lighter socket. Turn on your car radio and find an empty FM frequency (a channel with static or no broadcast). This frequency will be used to transmit audio from the adapter to your car's speakers.

How to Connect



Step 1

Find a blank car channel



Step 2

Tune the Bluetooth transmitter to the car channel



Step 3

Bluetooth connection to "BC47"

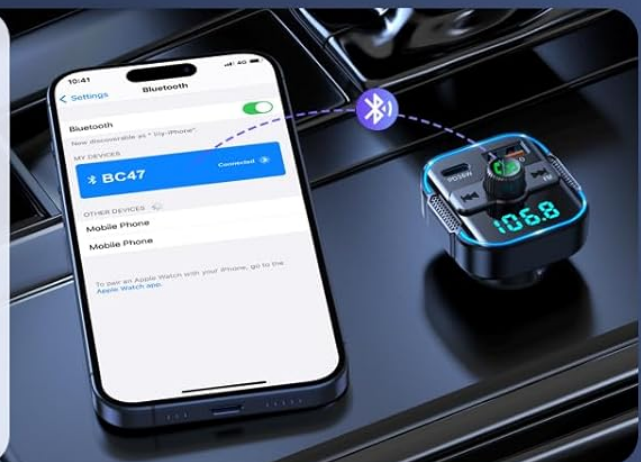


Image: Illustration showing a car radio display tuned to a blank FM channel, indicating the first step of setup.

2. Step 2: Tune the Adapter to the Car Channel

Adjust the FM frequency on the RIWUSI adapter to match the blank FM channel you found on your car radio. Use the control knob or dedicated buttons on the adapter to change the frequency. The adapter's LED display will show the current frequency.



Image: The RIWUSI adapter displaying an FM frequency, matching the car radio's frequency for audio transmission.

3. Step 3: Pair with Your Mobile Device via Bluetooth

On your mobile device (smartphone, tablet, etc.), open the Bluetooth settings. Search for available devices and select "BC47" from the list. Once connected, the adapter's LED display may indicate a successful Bluetooth connection. You can now play audio from your device through your car's speakers.



Image: A smartphone screen showing the Bluetooth settings with "BC47" selected and connected, demonstrating the final pairing step.

OPERATING INSTRUCTIONS

Charging Devices:

The adapter features two charging ports: a PD 36W Type-C port and a QC3.0 18W USB-A port. Connect your devices using appropriate charging cables to utilize the fast charging capabilities. Both ports can be used simultaneously.

Dual-Port Rapid Charging



54W Fast Charge: Charge 2 Devices in 30 Minutes.



Glangeh

85%



Others

60%

Image: The RIWUSI adapter with labels indicating the PD 36W and QC 18W charging ports, highlighting its 54W total output.

Music Playback:

- Once paired via Bluetooth, audio from your mobile device will play through your car's FM radio.
- Use the **Multi-Function Button (MFB)** or the dedicated track buttons on the adapter to control music playback (play/pause, next/previous track).

- Rotate the **MFB** to adjust the volume.



Image: Visual guide showing how to adjust FM channels and volume using the adapter's controls.

Hands-Free Calling:

The dual microphones ensure clear call quality by reducing ambient noise.

- **Answer/End Call:** Single press the **MFB**.
- **Reject Call:** Long press the **MFB**.
- **Redial Last Number:** Double press the **MFB**.

Dual Microphone Design

CVC Noise Reduction for Clearer Sound Quality

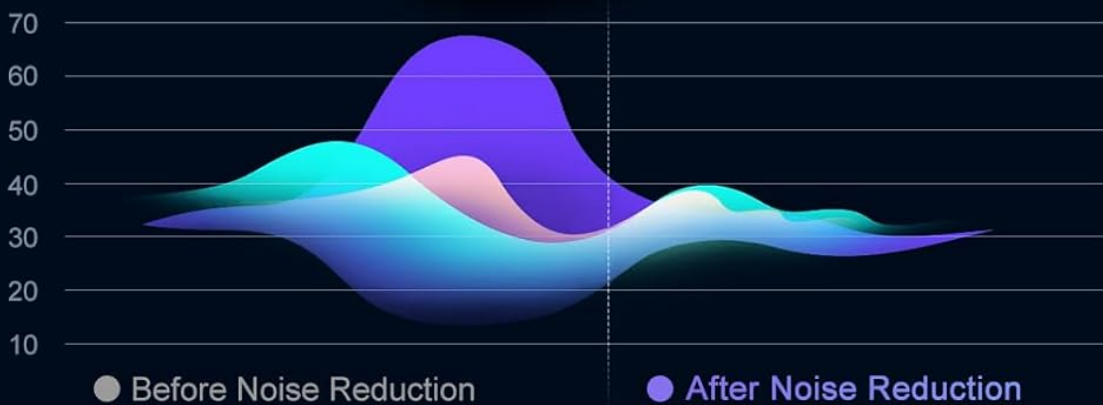
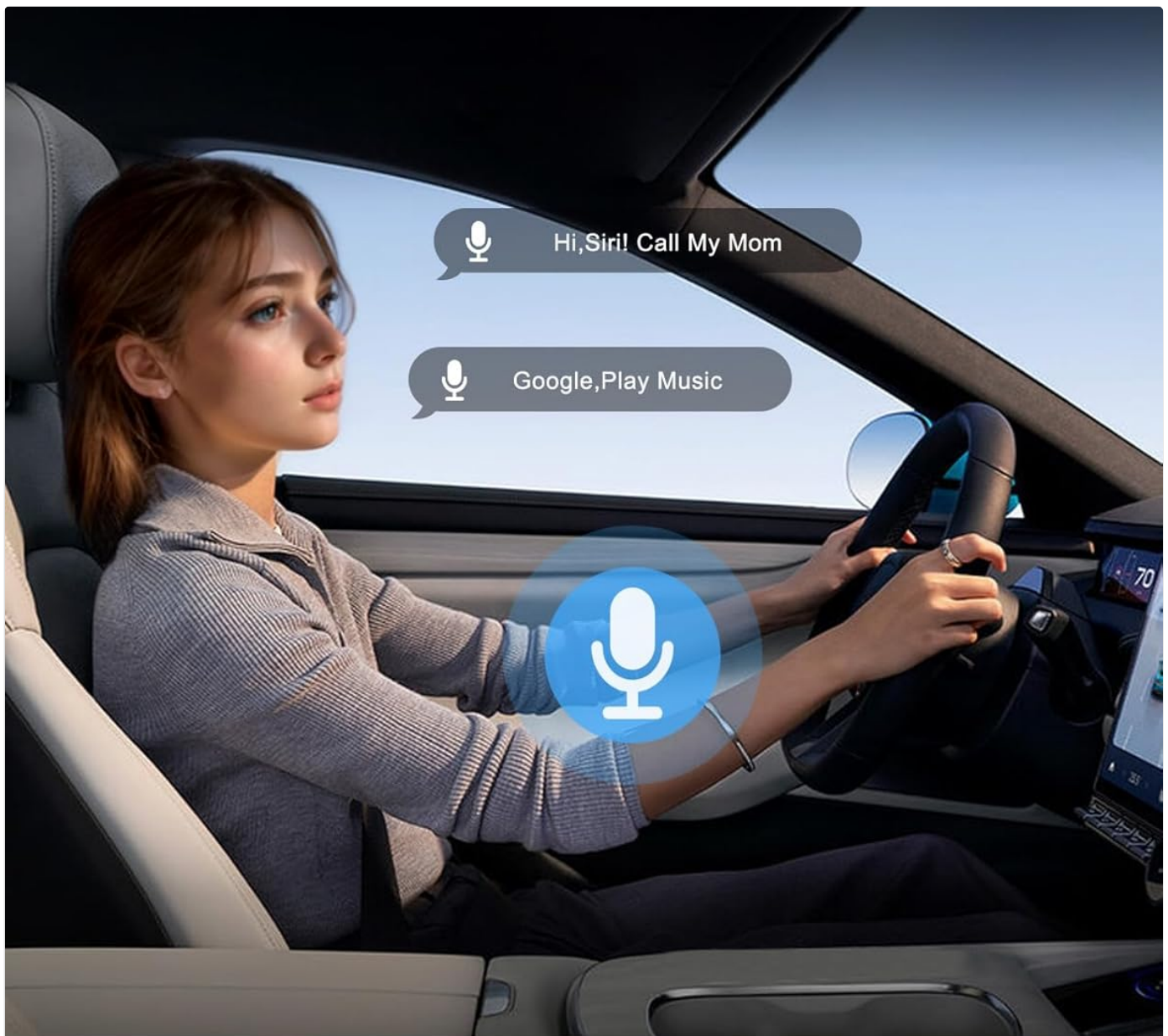


Image: Close-up of the adapter highlighting the dual microphone design for enhanced call clarity.

Voice Assistant Activation:

Long-press the **MFB** to activate your mobile device's voice assistant (e.g., Siri, Google Assistant). This allows for voice commands for navigation, calls, and music playback, enhancing driving safety.



Hands-Free Calls

Safe Driving & Clear & Stable

		
Single Press	Long Press	Double Press
Answer/Hang up a Call	Reject a Call	Redial Calls

Image: A user interacting with a voice assistant via the RIWUSI adapter, demonstrating hands-free control.

Car Battery Voltage Monitoring:

The LED display on the adapter shows your car's real-time voltage, allowing you to monitor the battery status for vehicle safety.



Image: The adapter displaying a voltage reading, with an accompanying chart explaining normal and irregular battery voltage ranges.

MAINTENANCE

To ensure the longevity and optimal performance of your RIWUSI Bluetooth Car Adapter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the adapter. Avoid using liquid cleaners, aerosols, or abrasive materials, as they may damage the device.
- **Storage:** When not in use for extended periods, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, which could damage internal components.
- **Power Source:** Always ensure the adapter is securely plugged into a stable 12V car cigarette lighter socket.

TROUBLESHOOTING

If you encounter issues with your RIWUSI Bluetooth Car Adapter, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No power / Adapter not turning on.	<p>Ensure the adapter is fully inserted into the car's cigarette lighter socket.</p> <p>Check if the car's cigarette lighter socket is receiving power (e.g., by testing with another device).</p> <p>Verify the car's fuse for the cigarette lighter socket is not blown.</p>
Cannot connect via Bluetooth.	<p>Make sure Bluetooth is enabled on your mobile device.</p> <p>Ensure the adapter is in pairing mode (usually indicated by a flashing Bluetooth icon or LED).</p> <p>Forget "BC47" from your device's Bluetooth history and try pairing again.</p> <p>Move your mobile device closer to the adapter.</p>

Problem	Possible Cause / Solution
Poor audio quality / Static or interference.	<p>Ensure the FM frequency on the adapter exactly matches a clear, blank frequency on your car radio.</p> <p>Try a different blank FM frequency if the current one has interference.</p> <p>Adjust the volume on both your mobile device and car radio.</p> <p>Ensure no other strong FM signals are nearby.</p>
Charging is slow or not working.	<p>Verify that your charging cable is not damaged and is compatible with fast charging standards (PD/QC).</p> <p>Ensure your device supports PD or QC fast charging for optimal speeds.</p> <p>Try using a different charging port or cable.</p>
Adapter loses connection in socket.	<p>Ensure the adapter is firmly seated in the cigarette lighter socket.</p> <p>If the socket is loose, consider using the adapter in a different vehicle or consulting a car technician.</p>

SPECIFICATIONS

Feature	Detail
Model Number	BC47
Brand	RIWUSI
Product Dimensions	2.3 x 2 x 3.9 inches
Item Weight	2.39 ounces (0.07 Kilograms)
Wireless Communication Standard	Bluetooth 5.3
Compatible Devices	Smartphone
Media Type	MP3
Charging Ports	1x PD 36W Type-C, 1x QC3.0 18W USB-A
Total Charging Output	Up to 54W

SAFETY INFORMATION

Please read and adhere to the following safety guidelines to ensure safe operation and prevent damage to the device or injury:

- Avoid using the device near other wireless devices to prevent potential interference.
- Do not expose the adapter to extreme temperatures (hot or cold) or high humidity.
- Handle the device with care to avoid leaks or damage, especially concerning any internal battery components (though this device is powered by the car's 12V socket, general electronic device care applies).
- Do not disassemble, modify, or attempt to repair the device yourself. Refer to qualified personnel for service.

- Keep out of reach of children.

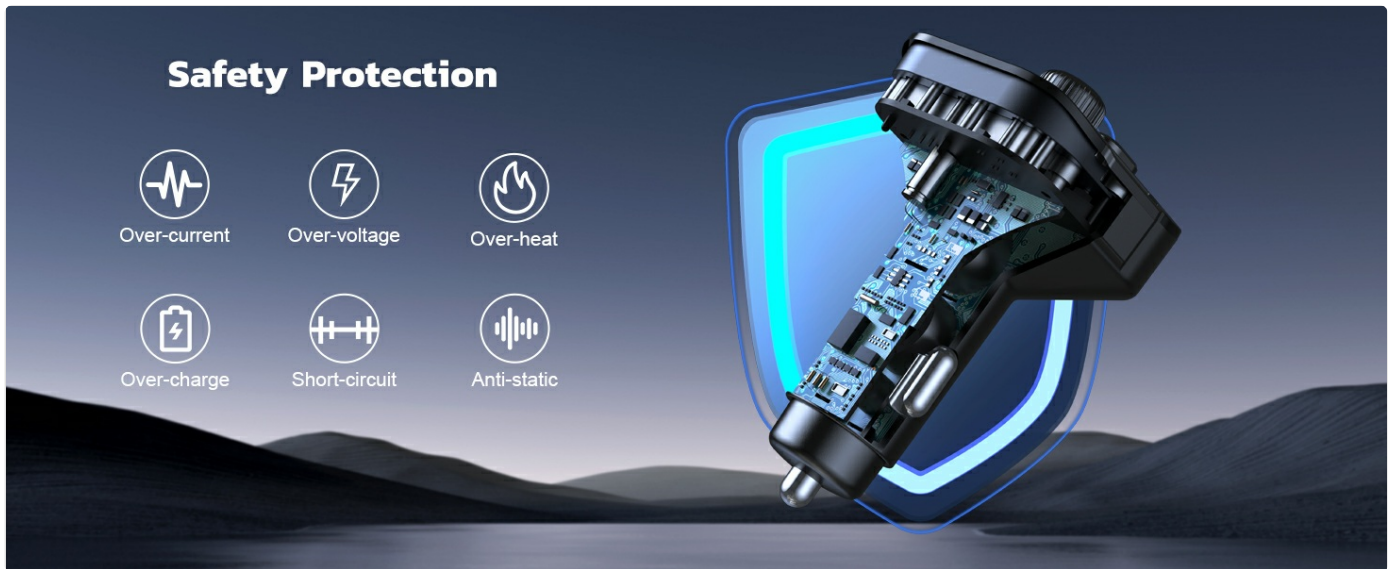


Image: Icons representing various safety protections including over-current, over-voltage, over-heat, over-charge, short-circuit, and anti-static.

WARRANTY AND SUPPORT

For any questions, technical support, or warranty inquiries regarding your RIWUSI Bluetooth 5.3 Car Adapter, please contact RIWUSI customer service. Refer to the product packaging or the official RIWUSI website for contact details.

RIWUSI is committed to providing high-quality products and customer satisfaction. Please retain your purchase receipt for warranty purposes.