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RIWUSI BC61

RIWUSI FM Transmitter for Car Bluetooth 5.3 User Manual

Model: BC61

Introduction

Thank you for choosing the RIWUSI All-Metal FM Transmitter for Car. This device is designed to enhance your in-car audio experience by adding Bluetooth connectivity, fast charging capabilities, and hands-free calling to vehicles without built-in Bluetooth. It allows you to stream music, make calls, and use navigation audio through your car's FM radio system.



Image: The RIWUSI FM Transmitter in both black and silver variants, highlighting its compact design and display.

Safety Information

Please read all safety instructions carefully before using this product. Failure to follow these instructions may result in damage to the product or personal injury.

- **Caution:** Do not operate near water or expose to liquids.
- Do not attempt to disassemble, modify, or repair the device.
- Keep out of reach of children.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Ensure the device is securely plugged into the cigarette lighter socket to prevent dislodging during driving.

Product Features

The RIWUSI FM Transmitter is equipped with advanced features for a superior user experience:

- **All-Metal Shell:** Constructed from heavy-duty zinc alloy, providing durability, better heat dissipation, and a sleek, modern aesthetic. This design is safer than plastic alternatives.



Image: The all-metal zinc alloy shell of the RIWUSI FM Transmitter, emphasizing its robust and durable build.

- **Dual Fast Charging Ports:** Features an 18W USB-A QC3.0 port and a 30W USB-C PD3.0 port, allowing simultaneous fast charging of two devices. Intelligent circuitry protects against overcurrent, short circuits,

overheating, and overcharging.



Image: Illustration of the dual fast-charging ports (PD 30W Type-C and QC3.0 18W USB-A) on the transmitter.

- **Bluetooth V5.3:** Provides faster pairing speeds, greater range, and more stable transmission for high-fidelity music streaming without dropouts or audio glitches.



Image: An X-ray like view of the transmitter's internal components, emphasizing the Bluetooth 5.3 chip for enhanced connectivity.

- **High Performance Hands-Free Calls:** Equipped with a sensitive built-in microphone and CVC noise cancellation technology to suppress background noise, ensuring clear and easy-to-hear phone calls.

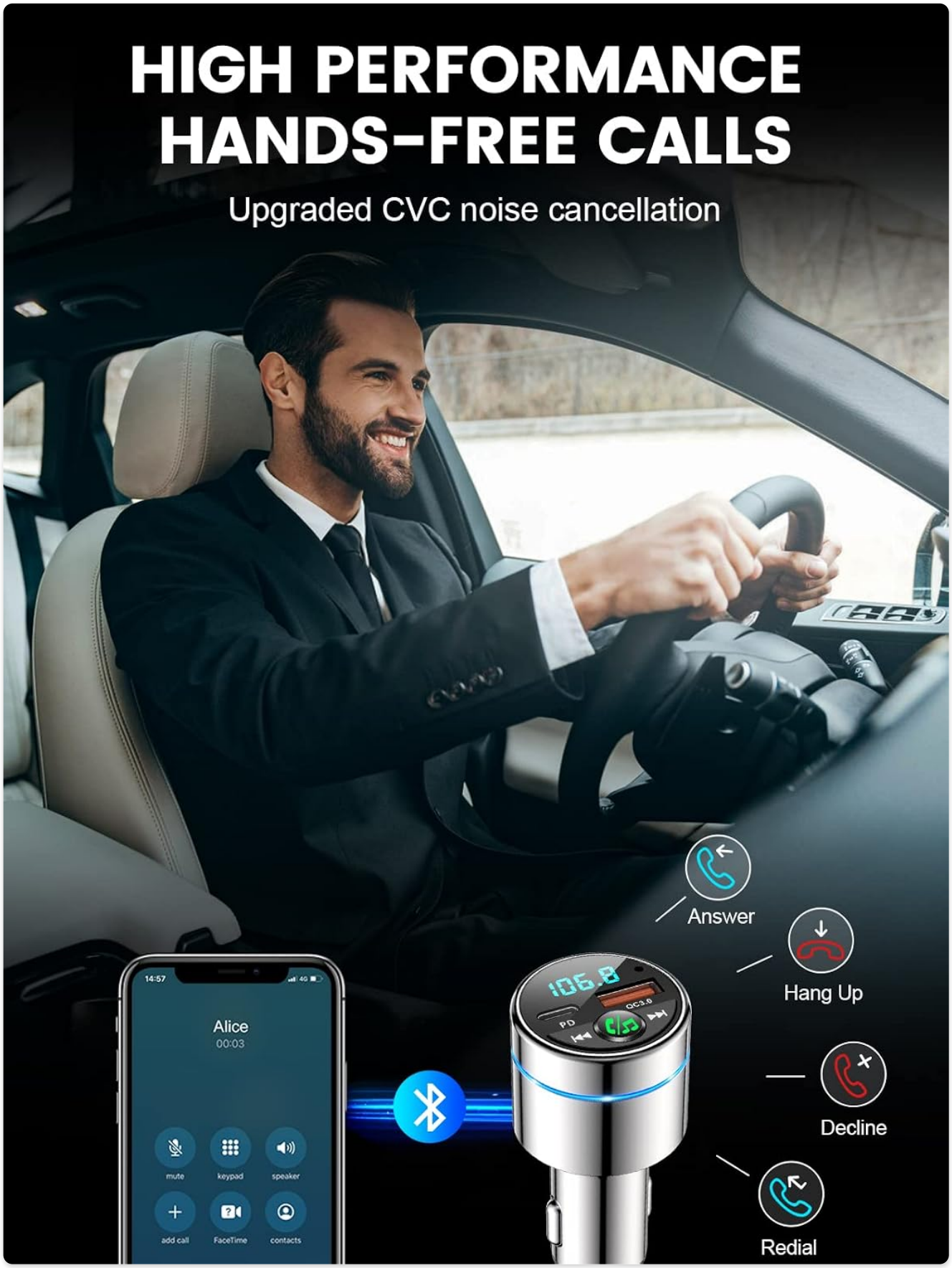


Image: A user demonstrating hands-free calling with the RIWUSI FM Transmitter, showing call controls on a smartphone.

- **Glowing Blue Ring Light:** A blue LED ring light around the shell helps locate buttons in the dark and adds a stylish accent to your car's interior.

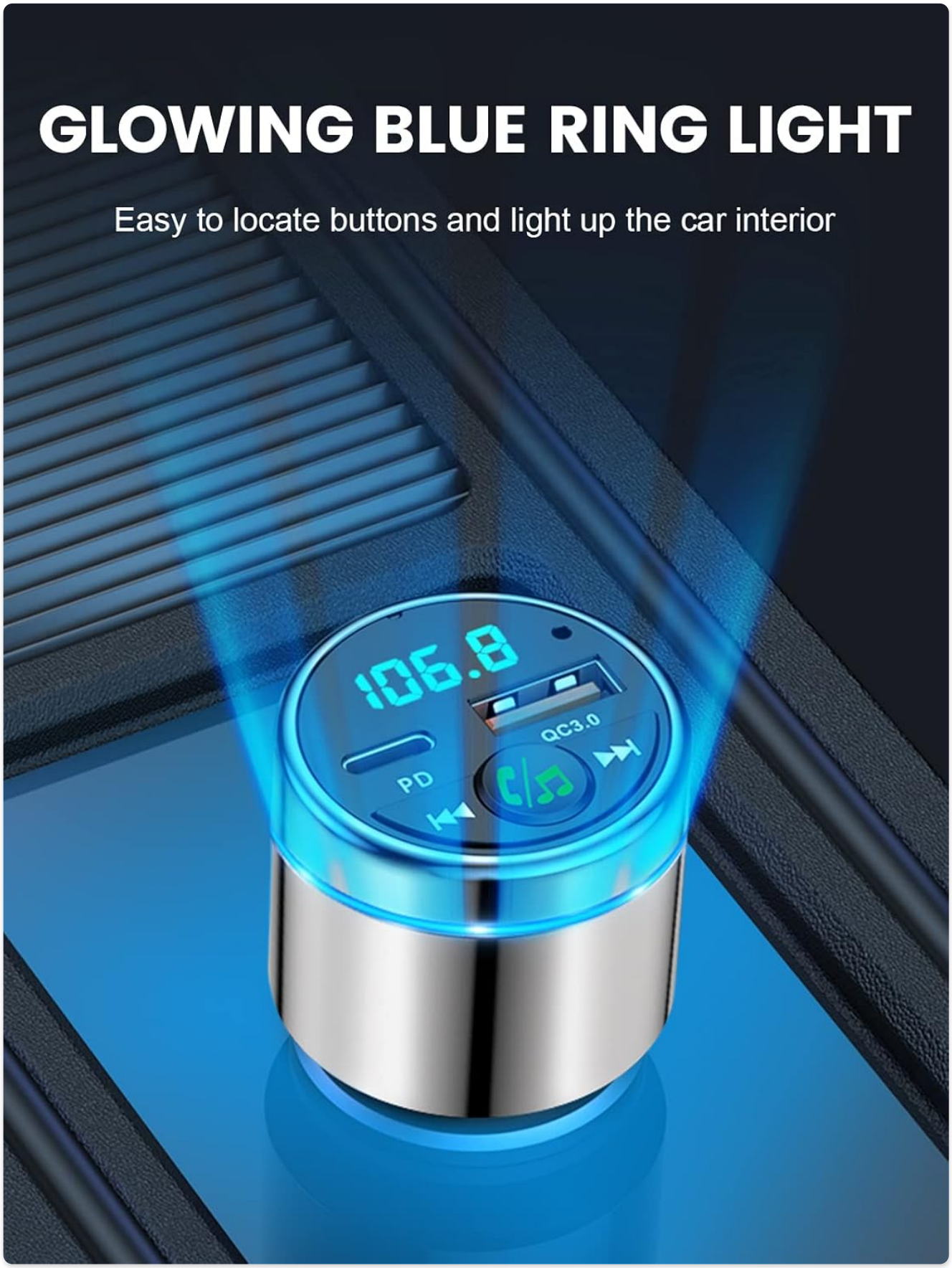


Image: The glowing blue ring light of the FM Transmitter, illustrating its utility in low-light conditions and aesthetic appeal.

Package Contents

Your package includes:

- 2 x RIWUSI All-Metal FM Transmitters (one black, one silver)

- 1 x User Manual

Setup Guide

Follow these steps to set up your RIWUSI FM Transmitter:

1. **Plug In:** Insert the Bluetooth FM transmitter into your car's cigarette lighter outlet. The device will automatically power on and display "HI", then the current car voltage, and finally the FM frequency.
2. **Tune Car Radio:** Set your car's FM radio to an unused frequency. Choose a frequency between 87.5 MHz and 108.0 MHz that has no strong radio station signal.
3. **Match Transmitter Frequency:** Adjust the FM frequency on your RIWUSI transmitter to match the frequency selected on your car radio. Use the frequency adjustment buttons on the transmitter to do this.
4. **Pair Bluetooth:** Turn on the Bluetooth function on your smartphone or other audio device. Search for the device named "BC61" in your Bluetooth settings and connect to it.
5. **Ready to Use:** Once successfully paired, audio from your phone will now be transmitted through your car's speakers.

Operating Instructions

Music Playback

After successful Bluetooth pairing, you can stream music from your phone to your car's audio system.

- **Play/Pause:** Press the multi-function button (often marked with a phone icon or play/pause symbol) once to play or pause music.
- **Next Track:** Press the "Next" button (usually a right arrow or >> symbol) to skip to the next song.
- **Previous Track:** Press the "Previous" button (usually a left arrow or << symbol) to go back to the previous song.
- **Volume Control:** Adjust the volume directly on your phone or through your car's stereo system.

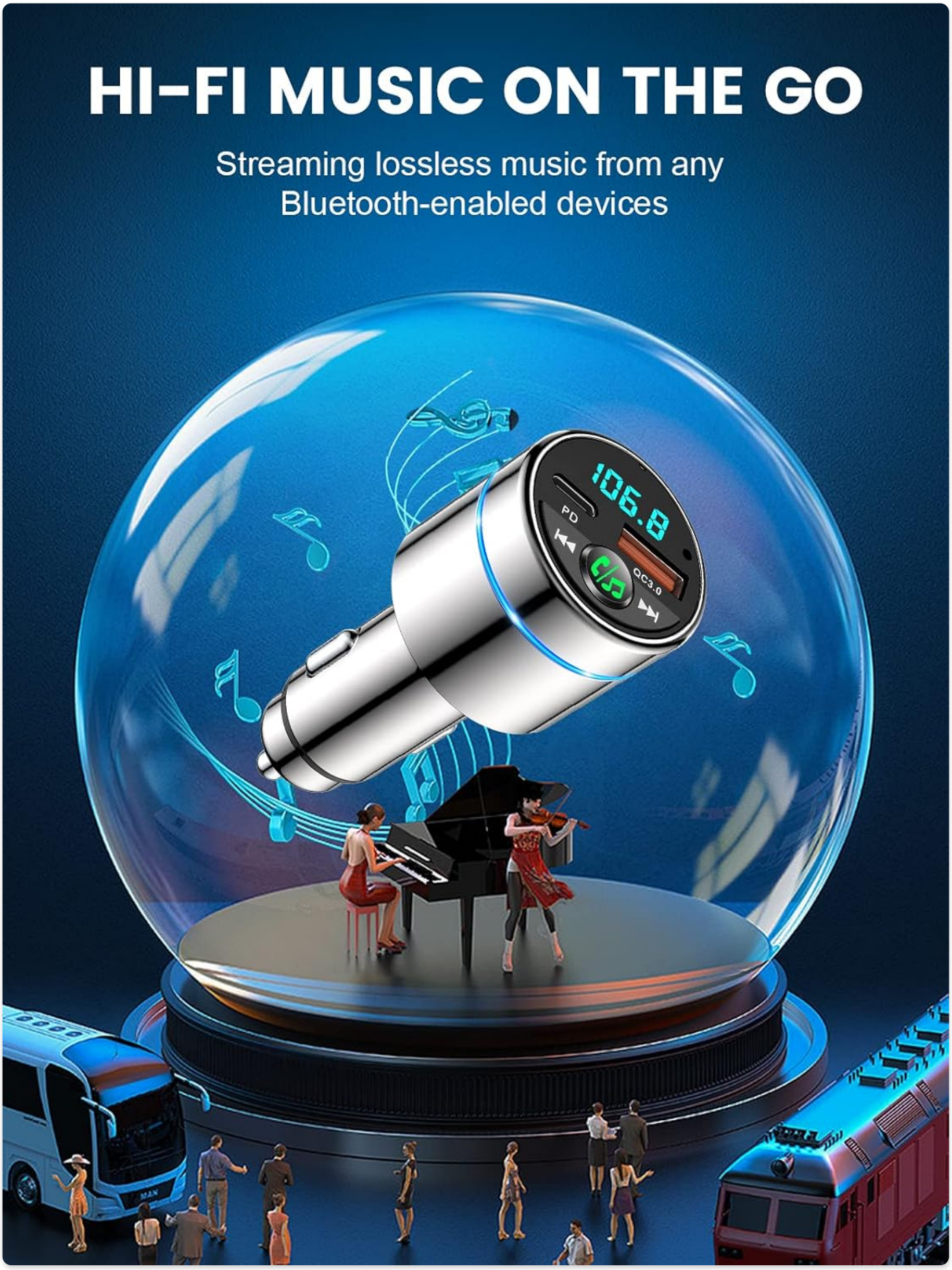


Image: The FM Transmitter enabling Hi-Fi music streaming from a Bluetooth-enabled device to the car's audio system.

Hands-Free Calling

The built-in microphone and CVC noise cancellation allow for clear hands-free calls.

- **Answer Call:** Press the multi-function button once to answer an incoming call.
- **End Call:** Press the multi-function button once during a call to end it.
- **Reject Call:** Press and hold the multi-function button for 2 seconds to reject an incoming call.
- **Redial Last Number:** Double-press the multi-function button to redial the last dialed number.

Charging Devices

Utilize the dual fast-charging ports to power your mobile devices.

- **USB-C PD Port:** Connect your USB-C compatible devices for up to 30W Power Delivery fast charging.
- **USB-A QC3.0 Port:** Connect your USB-A compatible devices for up to 18W Quick Charge 3.0 fast charging.
- The device's display will show the car's voltage, helping you monitor your car battery's health.

Specifications

Feature	Detail
FM Frequency Range	87.5-108.0MHz
Bluetooth Version	V5.3
Input Voltage	DC12V-24V
Music Format Support	WMA, MP3, WAV, APE, FLAC
Charging Protocols	QC3.0, QC2.0, PD, Huawei FCP, Samsung AFC, BC1.2, Apple 2.4A
QC3.0 Output	5V/3A, 9V/2A, 12V/1.5A (Max 18W)
PD Output	5V/3A, 9V/2.22A, 12V/1.67A (Max 30W)
Bluetooth Distance	10M
Material	Zinc Alloy (All-Metal Shell)

Troubleshooting

If you encounter issues with your RIWUSI FM Transmitter, try the following solutions:

- **No Power/Display Off:**
  - Ensure the transmitter is fully inserted into the car's cigarette lighter socket.
  - Check your car's cigarette lighter fuse.
  - Verify your car's battery voltage is within the DC12V-24V range.
- **Poor Audio Quality/Static:**
  - Make sure the FM frequency on the transmitter matches your car radio exactly.
  - Change to a different, unused FM frequency on both the transmitter and car radio. Avoid frequencies with strong local radio stations.
  - Adjust the volume on both your phone and car stereo.
  - Ensure there are no strong electromagnetic interferences nearby.

- **Bluetooth Disconnection/Cannot Pair:**
  - Ensure the transmitter is powered on.
  - Turn off and on your phone's Bluetooth.
  - Delete "BC61" from your phone's Bluetooth paired devices list and try pairing again.
  - Move your phone closer to the transmitter.
  - Restart both your phone and the transmitter (by unplugging and re-plugging).
- **Slow Charging:**
  - Ensure your charging cable is not damaged and supports fast charging.
  - Verify your device supports QC3.0 or PD fast charging protocols.
  - Some devices may limit charging speed if the battery is nearly full or if the device is overheating.

Maintenance

To ensure the longevity and optimal performance of your RIWUSI FM Transmitter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the device. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts.
- **Power Off:** It is recommended to unplug the device from the cigarette lighter when the car is turned off for extended periods to prevent minor battery drain.

Warranty and Support

RIWUSI products come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your product packaging or visit the official RIWUSI website. If you experience any issues or have questions regarding your product, please contact RIWUSI customer support:

- **Online Support:** Visit the RIWUSI Store on Amazon for FAQs and contact information.
- **Email Support:** Refer to your product packaging for the customer service email address.

Please have your product model (BC61) and purchase details ready when contacting support.

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