RIWUSI BC61

RIWUSI Bluetooth 5.0 FM Transmitter User Manual

Model: BC61

1. Introduction

This manual provides detailed instructions for the RIWUSI Bluetooth 5.0 FM Transmitter (Model: BC61). This device allows you to stream audio from your Bluetooth-enabled devices to your car's FM radio, make hands-free calls, and charge your devices quickly. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's performance.



Image: The RIWUSI Bluetooth 5.0 FM Transmitter, a compact device designed to plug into a car's cigarette lighter socket, featuring multiple USB ports, a digital display, and control buttons, surrounded by a colorful LED light ring.

2. Safety Information

To ensure safe operation and prevent damage, please observe the following safety guidelines:

- Ensure proper usage and handling to avoid interference with other wireless devices.
- Follow battery handling instructions and dispose of them properly.
- Be aware of temperature and humidity limitations to prevent damage or malfunction.

- Do not disassemble, modify, or repair the device yourself. Contact qualified service personnel for assistance.
- Keep the device away from water, moisture, and extreme temperatures.
- Avoid exposing the device to direct sunlight for prolonged periods.

3. Package Contents

Please check the package for the following items:

- RIWUSI Bluetooth 5.0 FM Transmitter (Model: BC61)
- User Manual

4. Product Features

- **PD 30W & QC 3.0 Fast Charging:** Equipped with Type-C (PD 30W) and QC3.0 (18W) ports for simultaneous fast charging of two devices, offering up to 6 times faster charging than standard chargers. Includes an additional USB port for music playback from a USB stick.



Image: The RIWUSI FM Transmitter plugged into a car's power outlet, with two smartphones connected via USB-C and USB-A cables, illustrating the simultaneous fast charging capability of the PD 30W and QC 3.0 ports.

- **One-click Bass Boost:** Easily activate Bass Boost mode by long-pressing the 'B' button for an enhanced audio experience. Switch between Hi-Fi and Bass Boost modes with a single click.



Image: The RIWUSI FM Transmitter with musical notes and sound waves emanating from it, depicting the 'One Key to Immerse to Bass Boost' feature, with a visual representation of Hi-Fi mode on the left and Bass Boost mode on the right.

- **Dual Microphone & Hands-Free Calling:** Features a built-in dual microphone with high-fidelity technology for clear hands-free calls. Designed to provide natural conversation quality.



Image: The RIWUSI FM Transmitter in a car's console, with a smartphone displaying an incoming call, highlighting the 'Enhanced Dual Mic for 2X Clear Calls' feature, indicating improved hands-free calling experience.

- **Easier Operation & Colorful Lighting Modes:** Incorporates a scroll wheel design for intuitive volume and FM channel adjustment. Offers 8 lighting modes to customize the car's ambiance.

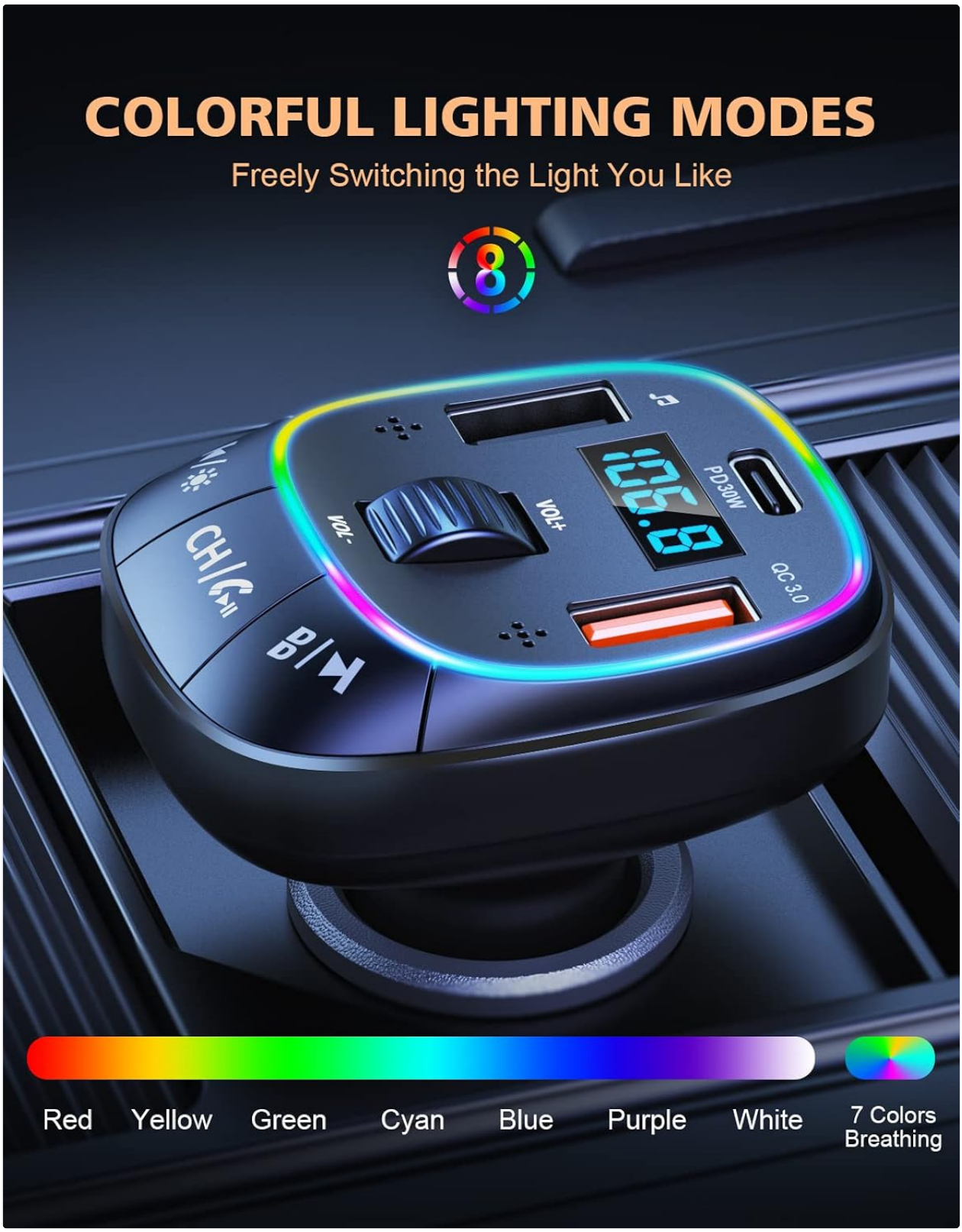


Image: A close-up of the RIWUSI FM Transmitter showing its digital display and control buttons, with a vibrant, multi-colored LED light ring illuminating its edge, demonstrating the 'Colorful Lighting Modes' feature.

- **Bluetooth V5.0 & Wide Compatibility:** Utilizes an advanced Bluetooth V5.0 chip for stable signal reception and broad compatibility with iPhone, iPad, Android smart devices, and all 12V-24V vehicles.



Image: The RIWUSI FM Transmitter in a car's console, with a smartphone nearby showing Bluetooth settings, emphasizing the 'Bluetooth 5.0' feature for faster pairing, stabler connection, and compatibility with all Bluetooth-enabled devices.

5. Setup Instructions

Follow these steps to set up your RIWUSI FM Transmitter:

1. **Plug In:** Insert the FM transmitter into your car's 12V/24V cigarette lighter socket. The device will power on automatically, and the LED display will light up.
2. **Find an Unused FM Station:** Tune your car's FM radio to an empty frequency (one with no active broadcast). This will typically sound like static.
3. **Match FM Frequency:** Adjust the FM frequency on the transmitter to match the empty frequency on your car radio. Use the scroll wheel to change the frequency. Long-press the 'CH' button to enter FM tuning mode, then scroll up/down to select the frequency.
4. **Pair via Bluetooth:** On your smartphone or Bluetooth-enabled device, enable Bluetooth and search for available devices. Select 'BC61' (or similar name) from the list to pair. Once connected, the device will confirm the connection.



Image: A three-step visual guide showing how to connect a phone to the car's audio system using the FM Transmitter: 1) Find an unused FM station on the car radio, 2) Tune the transmitter to the same channel, and 3) Connect via Bluetooth on the phone.

6. Operating Instructions

6.1 Music Playback

- **Bluetooth Streaming:** Once paired, audio from your device will automatically stream to your car's speakers via the selected FM frequency.
- **USB Disk Playback:** Insert a USB flash drive containing MP3/WMA/WAV/FLAC files into the designated USB port (not the charging ports). The device will automatically detect and play music from the USB drive.

6.2 Volume and Track Control

- **Volume Adjustment:** Rotate the scroll wheel clockwise to increase volume, counter-clockwise to decrease volume.
- **Next/Previous Track:** Press the 'B' button (play/pause) to skip to the next track. Press the 'CH' button (channel) to go to the previous track.
- **Play/Pause:** Short press the scroll wheel button to play or pause music.

6.3 Hands-Free Calling

- **Answer Call:** Short press the scroll wheel button to answer an incoming call.
- **End Call:** Short press the scroll wheel button again to end an active call.
- **Reject Call:** Long press the scroll wheel button to reject an incoming call.
- **Redial Last Number:** Double-press the scroll wheel button to redial the last dialed number.

6.4 Bass Boost Mode

- **Activate/Deactivate Bass Boost:** Long press the 'B' button to toggle Bass Boost mode on or off.

6.5 Lighting Modes

- **Change Lighting Mode:** Short press the light bulb icon button to cycle through the 8 available lighting modes.

7. Maintenance

To ensure the longevity and optimal performance of your FM transmitter, follow these maintenance tips:

- **Cleaning:** Use a soft, dry cloth to wipe the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place when not in use, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts.
- **Power Off:** Unplug the device from the car's power outlet when not in use for extended periods to prevent battery drain.

8. Troubleshooting

If you encounter issues with your RIWUSI FM Transmitter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power/Device not turning on	Loose connection; Car's cigarette lighter socket not working; Blown fuse in car.	Ensure the transmitter is firmly plugged in. Check if other devices work in the socket. Consult car manual for fuse box location and replacement.
Static noise or poor audio quality	FM frequency interference; Incorrect FM frequency match; Weak Bluetooth signal.	Find a new, unused FM frequency on your car radio and match it on the transmitter. Ensure your phone is close to the transmitter. Avoid strong radio signals.
Bluetooth not connecting	Bluetooth not enabled on device; Incorrect pairing; Device already connected to another transmitter.	Ensure Bluetooth is on. Forget previous pairings and re-pair. Disconnect from other Bluetooth devices. Restart both the transmitter and your phone.
Charging is slow or not working	Cable issue; Device not compatible with fast charging; Overload.	Use a high-quality charging cable. Ensure your device supports PD or QC 3.0 for fast charging. Do not exceed the maximum output of the ports.
Hands-free call quality is poor	Microphone obstruction; Environmental noise; Distance from microphone.	Ensure nothing is blocking the microphone. Reduce background noise in the car. Speak clearly towards the device.

9. Specifications

Feature	Detail
Model Number	BC61
Bluetooth Version	5.0
Charging Ports	Type-C (PD 30W), QC 3.0 (18W), USB (for music playback)
Microphone	Dual Mic

Feature	Detail
Special Features	Bass Boost, LED Backlight, Scroll Wheel
Power Source	DC (12V-24V vehicle compatibility)
Material	Plastic
Item Weight	2.39 ounces
Package Dimensions	4.49 x 2.95 x 2.24 inches

10. Warranty and Support

For warranty information and customer support, please refer to the manufacturer's official website or contact their customer service. You can also find additional safety information in the official Safety Information PDF document.

Official Safety Information (PDF): Download Here

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Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

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

Submit question