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> [Borofone BC48 Wireless Car Bluetooth FM Transmitter User Manual](#)

## BOROFONE BC48

# Borofone BC48 Wireless Car Bluetooth FM Transmitter User Manual

Model: BC48 | Brand: BOROFONE

## INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Borofone BC48 Wireless Car Bluetooth FM Transmitter. Please read this manual thoroughly before use and retain it for future reference.

## SAFETY INFORMATION

- **Battery handling precautions:** This device does not contain user-replaceable batteries. Do not attempt to open or modify the device.
- **Avoid interference with other wireless devices:** Position the transmitter to minimize interference with other car electronics.
- **Disposal:** Dispose of the device in accordance with local regulations for electronic waste.
- Do not expose the device to extreme temperatures, direct sunlight, or moisture.
- Keep out of reach of children.

## PACKAGE CONTENTS

Verify that all items are present:

- Borofone BC48 Wireless Car Bluetooth FM Transmitter
- User Manual (this document)

## PRODUCT OVERVIEW

Familiarize yourself with the components of your Borofone BC48 FM Transmitter.



Image 1: Front view of the Borofone BC48 Wireless Car Bluetooth FM Transmitter, showing the display, control knob, and USB charging ports.



Image 2: Close-up of the control panel, highlighting the multi-function knob, FM- and FM+ buttons, and the USB ports including QC3.0 and PD.

## Component Identification:

1. **Multi-function Knob (CH/📶):** Press to answer/end calls, rotate to adjust volume, press and hold to enter FM frequency adjustment mode.
2. **FM- Button:** Short press for previous track, long press to decrease FM frequency.
3. **FM+ Button:** Short press for next track, long press to increase FM frequency.
4. **QC3.0 USB Port (Green):** Quick Charge 3.0 output for compatible devices.
5. **PD USB-C Port (Orange):** Power Delivery output for compatible devices.
6. **USB-A Port (Music/Charging):** Standard USB port for playing music from a USB drive or charging devices.
7. **MicroSD Card Slot:** For playing music from a MicroSD card.
8. **LED Display:** Shows FM frequency, voltage, and other status indicators.

## SETUP INSTRUCTIONS

### 1. Powering On

1. Insert the Borofone BC48 into your vehicle's 12V/24V cigarette lighter socket.
2. The LED display will light up, indicating the device is powered on and ready for use.



*Image 3: The Borofone BC48 plugged into a car's power outlet, actively charging a smartphone.*

## 2. FM Frequency Pairing

1. Tune your car's FM radio to an unused frequency (one with no static or broadcast).
2. On the Borofone BC48, press and hold the multi-function knob until the FM frequency on the LED display starts flashing.
3. Rotate the multi-function knob or use the FM- / FM+ buttons to match the transmitter's frequency to your car's radio frequency.
4. Once matched, press the multi-function knob again to confirm the frequency.

## 3. Bluetooth Pairing

1. After powering on, the device will automatically enter Bluetooth pairing mode. The LED display may show "bt" or a flashing Bluetooth icon.
2. Enable Bluetooth on your smartphone or other audio device.
3. Search for "BC48" in the list of available Bluetooth devices and select it to connect.
4. Once successfully paired, the device will confirm with an audio prompt, and the LED display will show a steady Bluetooth icon.

## OPERATING INSTRUCTIONS

## 1. Playing Music

### a. Via Bluetooth:

- Ensure your device is paired via Bluetooth (refer to "Bluetooth Pairing" above).
- Start playing music on your paired smartphone. The audio will transmit through your car's FM radio.
- Use the FM- / FM+ buttons on the transmitter for previous/next track.
- Rotate the multi-function knob to adjust the volume.

### b. Via USB Drive:

- Insert a USB flash drive containing MP3/WMA/WAV/FLAC audio files into the dedicated USB-A port (not the QC3.0 or PD port).
- The transmitter will automatically detect and begin playing music from the USB drive.
- Use the FM- / FM+ buttons for track control and the multi-function knob for volume.

### c. Via MicroSD Card:

- Insert a MicroSD card containing MP3/WMA/WAV/FLAC audio files into the MicroSD card slot.
- The transmitter will automatically detect and begin playing music from the MicroSD card.
- Use the FM- / FM+ buttons for track control and the multi-function knob for volume.



Image 4: Rear view of the Borofone BC48, showing the MicroSD card slot for media playback.

## 2. Hands-Free Calling

- **Answer Call:** Short press the multi-function knob when an incoming call rings.
- **End Call:** Short press the multi-function knob during a call.
- **Reject Call:** Press and hold the multi-function knob for 2 seconds when an incoming call rings.
- **Redial Last Number:** Double-press the multi-function knob.

## 3. Charging Devices

- Connect your device's charging cable to the appropriate USB port on the transmitter (QC3.0, PD, or standard USB-A).
- Ensure your device supports Quick Charge 3.0 or Power Delivery for optimal charging speeds from the respective ports.

## MAINTENANCE

- Clean the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Avoid exposing the device to dust, dirt, or extreme temperatures.
- Store in a cool, dry place when not in use for extended periods.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power/LED display off	Loose connection; Car power outlet issue	Ensure the transmitter is firmly inserted into the cigarette lighter socket. Check if the car's power outlet is functional.
Static or poor audio quality	FM frequency interference; Weak signal	Change to a different, unused FM frequency on both the transmitter and car radio. Ensure no strong local radio stations are on the selected frequency.
Bluetooth not connecting	Not in pairing mode; Device already paired; Bluetooth off on phone	Ensure the transmitter is in pairing mode. Delete "BC48" from your phone's Bluetooth list and re-pair. Ensure Bluetooth is enabled on your phone.
Music not playing from USB/MicroSD	Unsupported file format; Corrupted files; Incorrect port	Ensure audio files are in MP3, WMA, WAV, or FLAC format. Check if the USB drive/MicroSD card is properly inserted. Use the correct USB-A port for music playback.
Slow charging or no charging	Cable issue; Device not compatible with fast charging; Incorrect port	Use a high-quality charging cable. Ensure your device supports QC3.0 or PD for fast charging ports. Verify the cable is connected to the correct charging port.

## SPECIFICATIONS

<b>Model</b>	BC48
<b>Brand</b>	BOROFONE

<b>Connectivity Technology</b>	Bluetooth, USB
<b>Wireless Communication Standard</b>	Bluetooth
<b>Power Source</b>	Corded Electric (Car 12V/24V)
<b>Special Features</b>	Bluetooth FM Transmitter, QC3.0, PD Fast Charging
<b>Compatible Devices</b>	MP3 Player, Smartphone
<b>Media Type</b>	SD Card, USB Flash Drive
<b>Item Weight</b>	200 Grams
<b>Color</b>	Black
<b>Package Dimensions</b>	15.9 x 9.1 x 5.3 cm

## WARRANTY AND SUPPORT

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For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official BOROFONE website. Keep your purchase receipt as proof of purchase for warranty claims.