

Qoltec[®]



User Manual

Audio HiFi Home&Car Wireless Audio Receiver
Adapter

Model: 56983

Introduction

Thank you for your trust and for choosing our Bluetooth receiver. We are confident that this product will meet your expectations. This manual contains instructions on how to use the product. If you have any questions after reading this manual, please contact our Customer Service Department.

About the product

The Bluetooth 6.0 wireless audio transmitter enables wireless audio streaming to traditional audio systems. It ensures stable stereo signal transmission and clear sound without any loss of quality. Thanks to its 2×RCA and MiniJack AUX (3.5 mm) outputs, the adapter allows you to easily connect your smartphone, tablet or laptop to a Hi-Fi system, amplifier, receiver or car audio system.

- Support for popular Bluetooth protocols (SBC, AAC, A2DP, AVRCP, HFP) guarantees high sound quality and full functionality when playing music and making calls.
- Transmission range up to 10 metres.

Figure 1 in the appendix

Safety instructions

1. Do not use the device near strong magnetic fields.
2. Avoid contact with liquids, extreme temperatures and moisture.
3. Do not dismantle the device or subject it to impact or crushing.
4. Do not use strong chemicals or detergents for cleaning.
5. Keep out of reach of children.
6. Do not expose the device to direct sunlight (e.g. on the dashboard).
7. If the device is not going to be used for a long time, store it in a dry and clean place.

Quick and easy setup

Instructions for connecting the receiver using a 3.5 mm mini-jack to 2x RCA cable

1. Connect the Bluetooth receiver to a USB port (for power) or to a USB power supply.
2. If the receiver has a 3.5 mm AUX output (mini jack), connect the cable here.

3. Connect the 3.5 mm mini-jack to 2x RCA cable. Plug the mini-jack (female) end of the cable into the 3.5 mm AUX output on the Bluetooth receiver (using the jack plug supplied with the receiver).
4. Connect the two RCA plugs (red and white) to the AUX/LINE IN inputs on the amplifier or stereo system (red = right channel, white = left channel).
5. Pair the Bluetooth receiver
6. Enable pairing mode on the Bluetooth receiver.
7. Search for the device on your phone or computer and connect to it.
8. Play music wirelessly – the audio will be transmitted from your phone to the Bluetooth receiver, and then via the jack-to-RCA cable to your hi-fi system.

Connecting your first phone

1. Connect the receiver to the car's USB port and the 3.5 mm AUX input. See *Figure 2 in the appendix*.
2. When you start the vehicle, the receiver will switch on automatically and enter pairing mode.
3. Turn on Bluetooth on your phone and search for the BT1160 device. See *Figure 3 in the appendix*
4. Once connected, the LED will start to flash blue slowly.
5. To disconnect Bluetooth, switch off Bluetooth on your phone or switch off the car's ignition. The next time you start the car, the receiver will automatically connect to the saved phone.

In short: Connect the receiver to the USB port and the 3.5 mm jack on the car stereo. Then switch on Bluetooth on your phone, select the 'BT1160' device and connect. Once paired, the receiver will connect automatically – simply switch the car stereo to AUX mode.

Connecting a second phone

1. Once the first phone has been paired, switch off Bluetooth on that phone.
2. On the second phone, search for the BT1160 device and connect to it. A slow flashing blue LED indicates that the connection is active. See *Figure 4 in the appendix*.
3. Switch Bluetooth back on on the first phone – it will automatically reconnect.

Note: Audio can only be played from one phone at a time.

If the connection fails

If the phone fails to pair within 5 minutes:

1. Make sure the receiver is within 10 m.
2. Unplug the receiver from the USB port and plug it back in.
3. Switch Bluetooth off and on again on your phone.

LED indicators

Power on – the blue LED lights up for 1 second.

Pairing mode – the red and blue LEDs flash alternately.

Connected – the blue LED flashes once every 10 seconds.

Disconnected – the red and blue LEDs flash alternately.

Technical specifications

Standard: Bluetooth V6.0 (SBC/AAC/HFP/A2DP/AVRCP)

Range: ~10m (open space)

Operating voltage: 5V/500mA

Operating frequency: 2400 MHz – 2483.5 MHz

Maximum RF output power: 4 dBm (wired)

Connectors: 3.5mm AUX MiniJack, 2xRCA, USB

Supported audio codecs: SBC, AAC

Frequency response: 20 Hz – 20 kHz

Output level (receive): 740 mVrms

Signal-to-noise ratio (SNR): >94 dB

Total harmonic distortion plus noise (THD+N): <0.05%

Sensitivity: -42 ± 3 dB

Additional information: Built-in microphone

Material: Plastic

Operating temperature: -20°C to +60°C

Maintenance

1. To ensure the correct and long-term operation of the Audio HiFi Home&Car wireless audio receiver adapter, you should regularly check the condition of the device, cables and connectors.
2. Before cleaning, disconnect the adapter from the power supply and from any connected audio devices.
3. Clean the casing using only a dry, soft cloth. Do not use water, detergents, alcohol, solvents or abrasive agents, as these may damage the surface of the device or its electronic components.
4. Avoid storing the adapter in places exposed to damp, high temperatures, direct sunlight or heavy dust.
5. Do not open the casing yourself or tamper with the device's internal components.
6. In the event of a fault, disconnect the adapter from the mains and contact the service department or your retailer.

Information on environmental protection and recycling

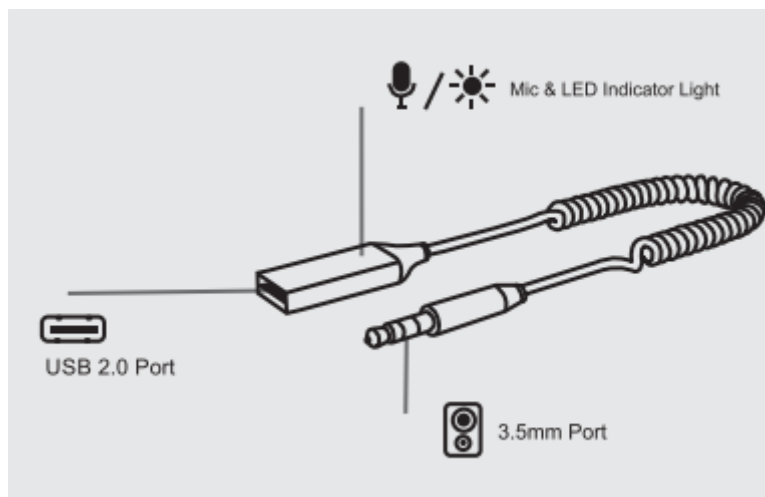
Do not dispose of the end-of-life device with unsorted household waste. Hand the product over to a recycling company.

Warranty and after-sales service

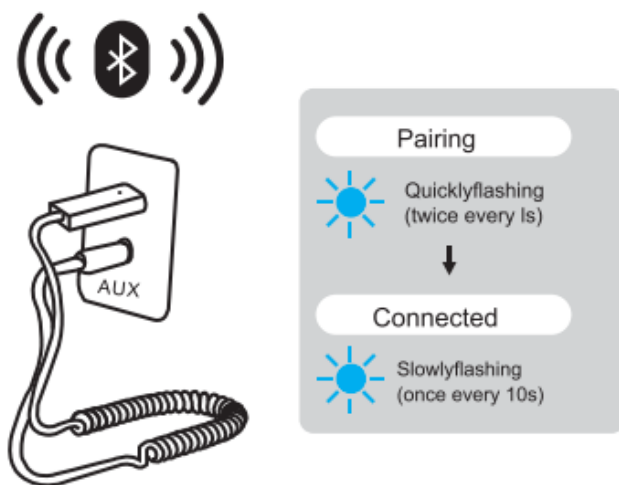
This product is covered by the manufacturer's warranty. If you experience any problems with the product, please contact the service centre for assistance.

Attachment

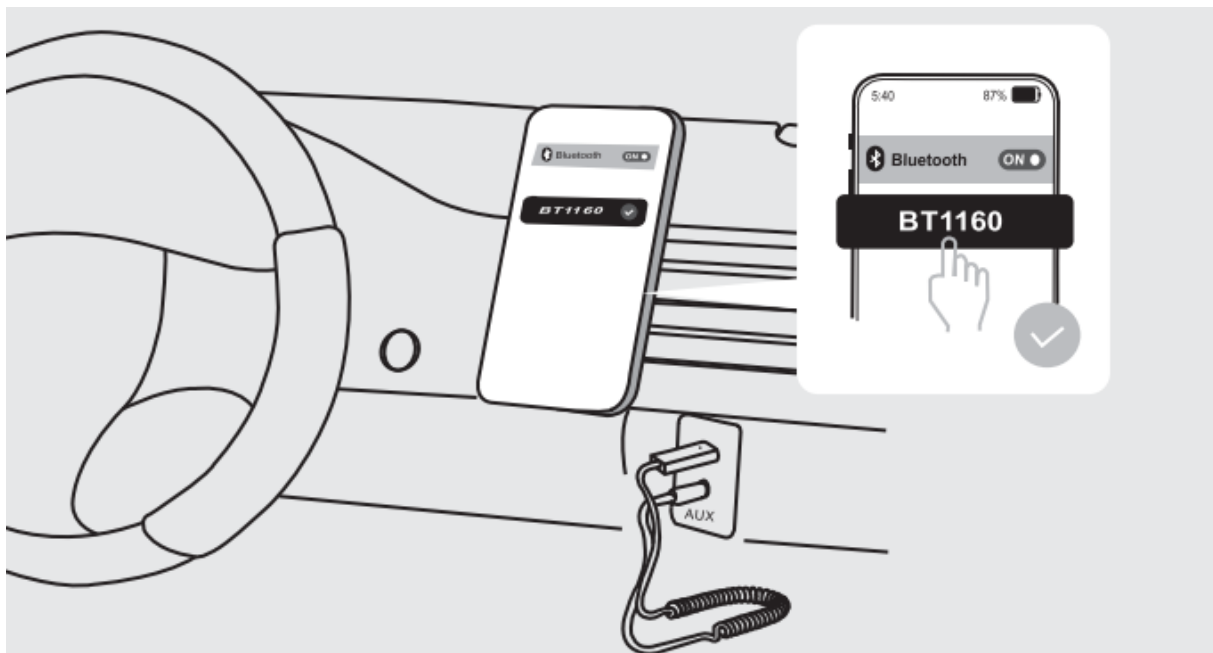
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