

Qoltec[®]



USER MANUAL

Wireless Bluetooth 6.0 audio receiver

Model: 56981

Introduction

Thank you for your trust and for choosing our 6.0 wireless audio 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 with NFC enables wireless audio streaming to traditional audio systems. It ensures stable stereo signal transmission and clear sound without any loss of quality. With 2×RCA and AUX (3.5 mm) outputs, the adapter makes it easy to connect a smartphone, tablet or laptop to a Hi-Fi system, amplifier, receiver or car audio system. Thanks to the NFC function, pairing devices is quick and intuitive — simply bring a compatible smartphone close to the adapter to automatically establish a Bluetooth connection.

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

Device diagram: Figure 1 in the appendix

- Call microphone
- Indicator LED (Pilot lamp)
- Multifunction button (MFB)

Connectors:

- 3.5 mm audio output (×1) (*Headphone connection, Car audio system connection*)
- 2 RCA ports (for connection to older speakers / amplifiers)
- 2 USB-C ports (Power supply to the receiver, e.g. from a mains adapter or USB port)

Safety instructions

1. Do not use the device near strong magnetic fields.
2. Avoid using the device in extreme temperatures or humid environments.
3. Do not dismantle, strike or crush the device.
4. Do not use strong detergents or chemicals for cleaning.

5. Keep out of reach of children.
6. Do not expose the device to direct sunlight (e.g. a car dashboard or windowsill).
7. If the device is not going to be used for a long period, store it in a dry, clean place at a stable temperature.

Buttons and LED indicators

1. Multifunction button (MFB):

Single press – play/pause music

Press twice – enter pairing mode

Hold for 10 seconds – reset to factory settings

2. Microphone: supports voice calls

3. LED indicators:

Power on – blue LED lights up for 1 second

Pairing mode – rapid flashing (twice per second)

Connected – blue LED flashes once every 10 seconds

Disconnected – the red and blue LEDs flash alternately

Reset – steady blue light for 5 seconds, followed by rapid flashing

Connecting the first phone

1. Connect the receiver to a power source using the supplied USB-C cable. Once powered on, the device will start up automatically and enter pairing mode – the LED will flash alternately red and blue.
2. Connect the receiver to a speaker or audio system using an audio cable (3.5 mm or 2RCA).
3. Turn on Bluetooth on your phone and search for the BT1180 device.
4. Once connected, the blue LED will flash once every 10 seconds and the device will play the voice prompt “Connected”.

Once paired for the first time, the receiver will automatically connect to your phone the next time you use it.

Connecting a second phone

1. After pairing the first phone (or tablet/computer), press the multifunction button on the receiver twice – the device will automatically disconnect the first phone.
2. On the second phone, search for and connect to the BT1180 device. Once connected, the blue LED will flash once every 10 seconds.
3. Turn Bluetooth back on on the first phone and select BT1180 from the list of paired devices – the connection will be re-established automatically.

Note:

The receiver can be paired with up to two devices at the same time, but audio is played from only one device at any given time.

The device's memory can store up to 5 paired devices. If you attempt to add a sixth, the oldest stored device will be automatically deleted.

In pairing mode, if a connection is not established within 5 minutes, the receiver will automatically attempt to reconnect to the last device used.

Connecting your phone via NFC

1. Make sure that the NFC function is enabled on your phone.
2. Hold your phone close to the receiver at the point marked with the NFC symbol.
3. Your phone will display a pairing notification – accept the connection.
The NFC function only works on mobile devices equipped with an NFC module and supporting Bluetooth pairing via NFC.

If the connection fails

If you are unable to pair your phone within 5 minutes:

1. Make sure the receiver is within 10 m.
2. Switch the receiver off and on again.
3. Switch Bluetooth off and on again on your phone.

Factory reset

1. With the power connected, press and hold the multifunction button for 10 seconds.

2. The blue LED will light up steadily, and after 5 seconds it will start flashing rapidly – this indicates that the factory settings have been restored and the device has entered pairing mode.

Technical specifications

Bluetooth version: V6.0

Operating frequency: 2.4 GHz

Operating voltage: DC 5V / 500 mA

Transmission range: up to 10 m (line of sight)

Audio interface: 3.5 mm / 2RCA

Power connector: USB-C

Call support: yes (microphone)

Bluetooth protocols: SBC / AAC / HFP / A2DP / AVRCP

Operating temperature range: -20°C to +60°C

Environmental and recycling information

1. Take the product to a recycling centre.
2. Avoid disposing of the product in the bin to prevent environmental pollution.

Warranty and after-sales service

The product is covered by the manufacturer's warranty. If you experience any problems with the product, please contact the after-sales service for assistance.

Attachment

1

