AXFEE Q1-4033210

AXFEE Bluetooth 5.4 2-in-1 Transmitter and Receiver (Model Q1-4033210) User Manual

Wireless Audio Adapter with 3.5mm AUX and USB Jack

1. Introduction

The AXFEE Bluetooth 5.4 2-in-1 Transmitter and Receiver is a versatile wireless audio adapter designed to enhance your audio experience. It allows you to effortlessly add Bluetooth functionality to non-Bluetooth devices, enabling seamless audio streaming in both transmission (TX) and reception (RX) modes. This manual provides detailed instructions for setting up, operating, and maintaining your device.

2. Package Contents

Please check the package for the following items:

- 1 x AXFEE Bluetooth 5.4 Transmitter and Receiver Unit
- 1 x USB Type-C Charging Cable
- 1 x 3.5mm Audio Cable
- 1 x RCA to 3.5mm Audio Cable
- 1 x User Manual



Image 2.1: The AXFEE Bluetooth 5.4 2-in-1 Transmitter and Receiver unit shown with its accompanying USB Type-C charging cable, 3.5mm audio cable, and RCA to 3.5mm audio cable.

3. Product Overview

Familiarize yourself with the device's components and controls:



Image 3.1: A detailed view of the AXFEE Bluetooth adapter highlighting its various ports and control buttons, including the power button, volume controls, MFB button, and mode switch.

- **LCD Display:** Shows current status, battery level, and mode (RX/TX, AUX/USB/FM).
- **Power On/Off Button:** Press and hold to power the device on or off.
- **Volume Up / Next Track Button:** Adjust volume or skip to the next track.
- **MFB (Multi-Function Button):** For answering/ending/rejecting calls, and playing/pausing audio.
- **Volume Down / Previous Track Button:** Adjust volume or go to the previous track.
- **TX/RX Mode Switch:** Toggle between Transmitter and Receiver modes.
- **USB Port:** For connecting a USB drive for audio playback.
- **AUX Input/Output:** 3.5mm audio jack for connecting to audio sources or receivers.
- **RCA L/R Audio Output:** For connecting to devices with RCA inputs.
- **DC 5V Charging Port (USB-C):** For charging the device.
- **Pairing Button:** Located on the side, used to initiate Bluetooth pairing.

4. Setup Instructions

Follow these steps for initial setup:

1. **Charge the Device:** Before first use, fully charge the adapter using the provided USB Type-C cable and a 5V USB power adapter (not included). The LCD will indicate charging status.
2. **Select Operating Mode:** Use the TX/RX switch on the side of the device to select your desired mode (Transmitter or Receiver).
3. **Connect Audio Cables:** Depending on your chosen mode and audio setup, connect the appropriate audio cables (3.5mm AUX or RCA) to your audio source or receiving device.
4. **Power On:** Press and hold the Power button to turn on the device. The LCD display will light up.
5. **Pair with Bluetooth Device:** The device will automatically enter pairing mode. Search for "AXFEE" on your Bluetooth-enabled device and connect.

5. Operating Modes

The AXFEE adapter supports two primary operating modes:

5.1. Transmitter (TX) Mode

In TX mode, the adapter converts audio from non-Bluetooth devices into a Bluetooth signal, allowing you to stream audio wirelessly to Bluetooth headphones or speakers.

1. Set the TX/RX switch to **TX**.
2. Connect the adapter's AUX or RCA input to your audio source (e.g., TV, PC, CD player) using the appropriate audio cable.
3. Ensure your Bluetooth headphones or speaker are in pairing mode.
4. The adapter will automatically search for and connect to nearby Bluetooth receiving devices. The LCD will show the connection status.

5.2. Receiver (RX) Mode

In RX mode, the adapter receives Bluetooth audio signals from your smartphone, tablet, or other Bluetooth-enabled devices and outputs it to non-Bluetooth speakers, car stereos, or home audio systems.

1. Set the TX/RX switch to **RX**.
2. Connect the adapter's AUX or RCA output to your non-Bluetooth audio system (e.g., wired speaker, car stereo) using the appropriate audio cable.
3. Enable Bluetooth on your smartphone or tablet and search for "AXFEE" in the list of available devices.
4. Select "AXFEE" to pair and connect. Once connected, audio from your device will play through your wired audio system.



Image 5.1: Visual representation of the adapter operating in Transmitter (TX) mode, connecting a TV to Bluetooth headphones, and Receiver (RX) mode, connecting a smartphone to wired speakers.

6. Charging and Battery

The device features a built-in 400 mAh rechargeable battery.

- A full charge takes approximately **1 hour**.
- Provides up to **6 hours** of continuous playtime.
- The device can be used while charging, offering uninterrupted operation.
- **Note:** The device emits an audible prompt sound that cannot be deactivated.



Image 6.1: The compact design of the AXFEE Bluetooth adapter, illustrating its dimensions and key battery specifications: 400mAh capacity, 1-hour charge time, up to 6 hours play time, and usability while charging.

7. Connectivity and Pairing

The AXFEE adapter utilizes advanced Bluetooth 5.4 technology for reliable and stable connections.

- **Bluetooth 5.4:** Ensures faster data transmission and stable connections with a range of up to 20 meters (65.62 feet) in obstacle-free environments.
- **Dual Device Connection:** In RX mode, the adapter supports simultaneous pairing with two smartphones or tablets, allowing for easy switching between audio sources.
- **USB Playback:** The integrated USB port allows for direct audio playback from a USB flash drive.



Image 7.1: A visual representation of the Bluetooth 5.4 chip, highlighting the enhanced performance and specifications compared to older Bluetooth versions, including battery capacity and transmission distance.

8. Advanced Features

- **LCD Display:** The clear LCD screen provides real-time information on battery status, current operating mode (RX/TX), and input source (AUX/USB/FM).
- **MFB Button for Hands-Free Calls:** When in RX mode and connected to a smartphone, the MFB button allows you to answer, hang up, or reject incoming calls, facilitating hands-free communication.
- **USB Audio Playback:** Insert a USB flash drive into the USB port to play audio files directly through the adapter.



Image 8.1: An illustration of the adapter's user-friendly design, showcasing optional connection methods (AUX, RCA, DC 5V), the clear LCD status display, and the 20-meter transmission range.

9. Safety Information

Please observe the following safety guidelines:

- Do not expose the device to extreme temperatures or high humidity.
- Handle batteries with care; avoid contact with liquids.
- Avoid interference with other wireless devices by maintaining a minimum distance of 20 cm.

10. Specifications

Feature	Specification
Brand	AXFEE

Model Number	Q1-4033210
Connectivity Technology	Bluetooth, USB
Bluetooth Version	5.4
Battery Capacity	400 mAh
Operating Modes	Transmitter (TX), Receiver (RX)
Audio Output Mode	Stereo
Connector Type	3.5mm AUX, RCA, USB
Special Features	Fast charging, FM Transmitter
Compatible Devices	Speaker, Smartphone, Tablet, Car stereo system, Television, Laptop, Radio
Control Method	Button and Touch Control

11. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

- **Device does not power on:** Ensure the device is fully charged. Connect it to a power source using the USB-C cable.
- **Cannot pair with a Bluetooth device:**
  - Ensure the adapter is in the correct TX or RX mode.
  - Make sure the target Bluetooth device is in pairing mode.
  - Move the devices closer to each other.
  - Clear previous Bluetooth connections on both devices and try again.
- **No sound or poor sound quality:**
  - Check all audio cable connections.
  - Ensure the volume is turned up on both the adapter and the connected audio device.
  - Verify that the correct input/output source is selected on your audio system.
  - Reduce interference by moving away from other wireless devices.
- **Short Bluetooth range:** Ensure there are no significant obstacles (walls, large metal objects) between the adapter and the connected Bluetooth device.

12. Maintenance

To ensure the longevity and optimal performance of your AXFEE Bluetooth adapter:

- Keep the device dry and away from moisture.
- Clean the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- Store the device in a cool, dry place when not in use.
- Avoid dropping or subjecting the device to strong impacts.

13. Warranty and Support

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

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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