

## eppfun AK8675B Pro

# eppfun AK8675B Pro Bluetooth 5.2 aptX-Adaptive Transmitter Receiver User Manual

Model: AK8675B Pro

## 1. INTRODUCTION

---

The eppfun AK8675B Pro is a versatile Bluetooth 5.2 audio adapter designed to function as both a transmitter (TX) and a receiver (RX). It features advanced Qualcomm QCC3040 chip technology, supporting various aptX codecs including aptX-Adaptive, aptX HD, and aptX Low Latency, ensuring high-quality audio with minimal delay. This device allows you to wirelessly stream audio from non-Bluetooth devices (like TVs or PCs) to Bluetooth headphones/speakers, or from Bluetooth-enabled devices (like smartphones) to wired audio systems.

## 2. PACKAGE CONTENTS

---

Verify that all items listed below are included in your package:

- eppfun AK8675B Pro Bluetooth Transmitter/Receiver
- USB-C Charging Cable
- 3.5mm AUX Audio Cable
- Optical Fiber Audio Cable
- User Manual (this document)

# Package Contents



Image: Contents of the eppfun AK8675B Pro package, including the device, various cables, and the user manual.

## 3. PRODUCT OVERVIEW AND CONTROLS

---

Familiarize yourself with the device's components and controls:

## Detailed Information



A	Power Button	E	Volume Adjusting
B	RX/TX Mode Switching	F	One Click Mute, Double Click Audio Decoding Switch
C	Pairing Button	G	USB Charging
D	AUX 3.5mm Interface	H	Optical Interface

Image: Diagram of the eppfun AK8675B Pro device with key interfaces and buttons labeled.

**A: Power Button** - Press and hold to turn the device on or off.

**B: RX/TX Mode Switching** - Slide switch to select Transmitter (TX) or Receiver (RX) mode.

**C: Pairing Button** - Press to initiate Bluetooth pairing mode.

**D: AUX 3.5mm Interface** - For connecting audio devices via a 3.5mm audio cable.

**E: Volume Adjusting** - Buttons to increase or decrease audio volume.

**F: One Click Mute, Double Click Audio Decoding Switch**- Single press for mute/unmute; double press to cycle through audio decoding options.

**G: USB Charging** - USB-C port for charging the device.

**H: Optical Interface** - For connecting audio devices via an optical fiber cable.

## 4. SETUP AND OPERATION MODES

The AK8675B Pro operates in two primary modes: Transmitter (TX) and Receiver (RX). Select the appropriate mode using the RX/TX mode switching slider (B).

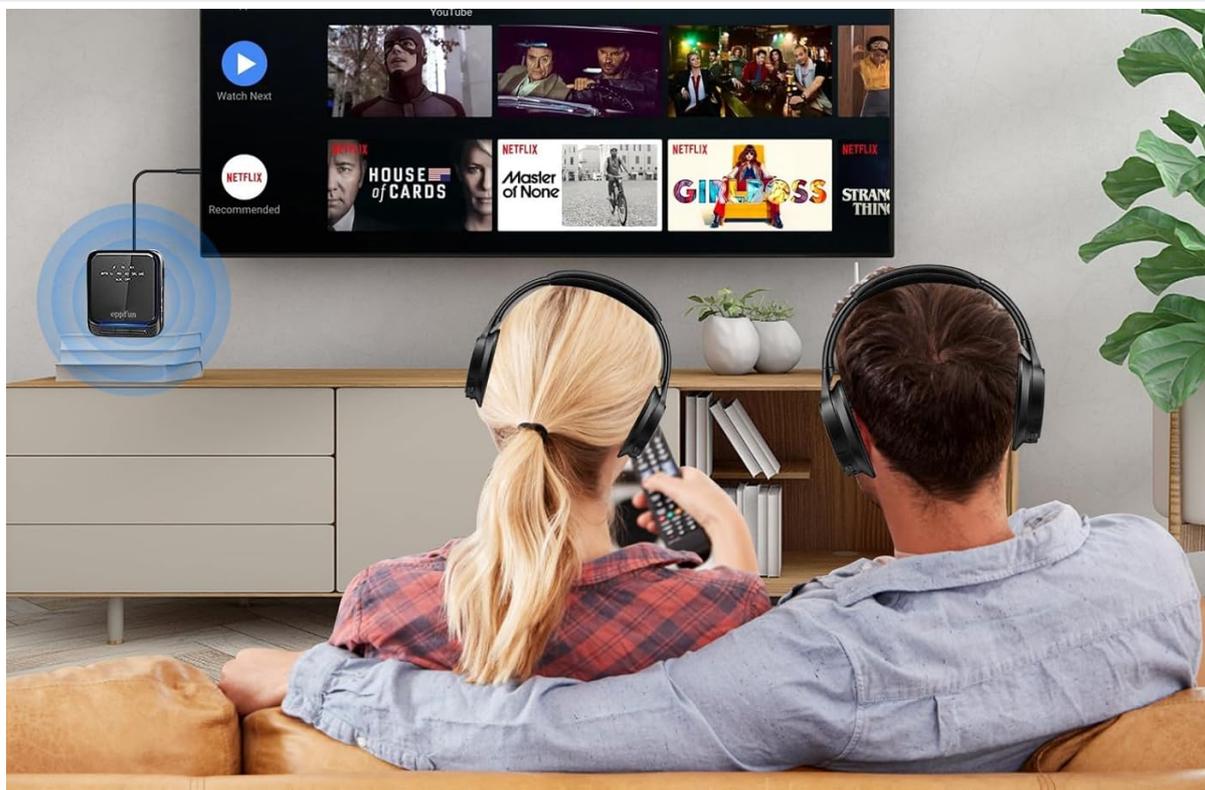


Usage time	Transmitter Mode About 12 hours	Receiver Mode About 20 hours
Corresponding encoding and decoding	aptX/aptX-Adaptive/aptX LL/aptX HD/SBC	aptX/aptX-Adaptive/aptX HD/SBC/AAC
Simultaneously linking	When two Bluetooth devices output sound simultaneously, use the SBC shared kit	On a Bluetooth device To descend to Germany at the same time Only one sound output

Image: Comparison of Transmitter and Receiver modes, showing usage time, compatible codecs, and simultaneous linking capabilities.

#### 4.1. Transmitter Mode (TX)

In TX mode, the device transmits audio from a non-Bluetooth source (e.g., TV, PC) to Bluetooth-enabled headphones or speakers.



## TX Transmitter



Image: An illustration of the eppfun AK8675B Pro connected to a TV, transmitting audio wirelessly to two pairs of Bluetooth headphones.

1. Slide the mode switch (B) to **TX**.
2. Connect the AK8675B Pro to your audio source (e.g., TV, PC) using either the 3.5mm AUX cable (D) or the Optical Fiber cable (H).
3. Turn on the AK8675B Pro by pressing and holding the Power Button (A).
4. Put your Bluetooth headphones or speakers into pairing mode.
5. Press the Pairing Button (C) on the AK8675B Pro to initiate pairing. The LED indicator will show pairing status.
6. Once connected, audio from your source will stream wirelessly to your Bluetooth device(s).

### TX Mode Features:

- **Compatible Codecs:** aptX, aptX-Adaptive, aptX LL (Low Latency), aptX HD, SBC.
- **Working Hours:** Approximately 12 hours on a full charge.
- **Dual Connection:** Supports connecting two Bluetooth headphones/earbuds simultaneously with aptX LL technology.

## 4.2. Receiver Mode (RX)

In RX mode, the device receives audio wirelessly from a Bluetooth-enabled source (e.g., smartphone, tablet) and outputs it to a wired audio system (e.g., wired headphones, speakers).



### **RX** Receiver



Image: An illustration of the eppfun AK8675B Pro connected to wired speakers, receiving audio wirelessly from a smartphone.

1. Slide the mode switch (B) to **RX**.
2. Connect the AK8675B Pro to your wired audio output device (e.g., speakers, wired headphones) using the 3.5mm AUX cable (D).
3. Turn on the AK8675B Pro by pressing and holding the Power Button (A).
4. Enable Bluetooth on your smartphone or other Bluetooth audio source and search for available devices.
5. Select "eppfun AK8675B Pro" from the list of available Bluetooth devices to pair. The LED indicator will confirm connection.
6. Once connected, audio from your Bluetooth source will play through your wired audio system.

### **RX Mode Features:**

- **Compatible Codecs:** aptX, aptX-Adaptive, aptX HD, SBC, AAC.
- **Working Hours:** Approximately 20 hours on a full charge.

## 5. CHARGING THE DEVICE

---

To charge the eppfun AK8675B Pro:

1. Connect the supplied USB-C cable to the USB Charging port (G) on the device.
2. Connect the other end of the USB-C cable to a standard USB power adapter (not included) or a computer's USB port.
3. The LED indicator will show the charging status. A full charge typically takes about 2 hours.

**Note: The device cannot be used while it is charging.**

## 6. MAINTENANCE

---

To ensure the longevity and optimal performance of your eppfun AK8675B Pro:

- Keep the device dry. Avoid exposure to moisture, rain, or liquids.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the device in a cool, dry place when not in use.
- Avoid extreme temperatures.
- Do not attempt to disassemble or modify the device, as this will void the warranty and may cause damage.

## 7. TROUBLESHOOTING

---

If you encounter issues with your AK8675B Pro, refer to the following common solutions:

- **Device will not power on:**
  - Ensure the device is fully charged. Connect it to a power source using the USB-C cable.
  - Press and hold the Power Button (A) for a few seconds.
- **Cannot pair with a Bluetooth device:**
  - Ensure the AK8675B Pro is in the correct mode (TX for transmitting, RX for receiving).
  - Make sure both devices are in pairing mode and within the 10-meter communication range.
  - Clear previous pairing records on both the AK8675B Pro and your Bluetooth device, then attempt to pair again.
  - Restart both the AK8675B Pro and your Bluetooth device.
- **No audio output/input:**
  - Check all cable connections (3.5mm AUX or Optical Fiber) to ensure they are secure and in the correct ports.
  - Verify that the volume on both the AK8675B Pro (E) and the connected audio device is not muted or set too low.
  - Ensure the correct audio input/output is selected on your source device (e.g., TV audio settings).
  - Confirm that the AK8675B Pro is successfully paired and connected to the desired Bluetooth

device.

- **Audio delay or poor quality:**

- Ensure both the AK8675B Pro and your connected Bluetooth device support aptX Low Latency (aptX LL) for minimal delay, especially in TX mode.
- Reduce the distance between the AK8675B Pro and the connected Bluetooth device, and remove any obstacles.
- Check for potential interference from other wireless devices.

## 8. SPECIFICATIONS

---

Feature	Specification
Model Name	AK8675B Pro
Bluetooth Version	5.2
Bluetooth Chipset	Qualcomm QCC3040
Supported Codecs (TX)	aptX, aptX-Adaptive, aptX LL, aptX HD, SBC
Supported Codecs (RX)	aptX, aptX-Adaptive, aptX HD, SBC, AAC
Frequency Band	2.402GHz - 2.480GHz
Communication Distance	Up to 10 meters (33 feet)
TX Mode Working Time	Approx. 12 hours
RX Mode Working Time	Approx. 20 hours
Charging Time	Approx. 2 hours
Charging Port	USB-C
Audio Input/Output	3.5mm AUX, Optical TOSLINK
Battery Type	Lithium-Ion (included)
Product Dimensions	75mm x 66mm x 18mm (approx.)
Product Weight	60.5 g (approx.)

## 9. WARRANTY AND SUPPORT

---

eppfun products are designed for reliability and performance. For warranty information and technical support, please refer to the official eppfun website or contact your retailer. Keep your purchase receipt as proof of purchase for warranty claims.