

eppfun AK3040PLUS-PRO

eppfun AK3040PLUS-PRO Bluetooth Transmitter User Manual

Model: AK3040PLUS-PRO | Brand: eppfun

1. INTRODUCTION

The eppfun AK3040PLUS-PRO is an advanced USB Bluetooth 5.2 audio transmitter designed to provide high-quality wireless audio. Featuring the Qualcomm QCC3040 chip and aptX-Adaptive technology, it ensures low latency and superior sound synchronization for an enhanced listening experience. This manual provides detailed instructions for setting up, operating, and maintaining your AK3040PLUS-PRO transmitter.

2. PRODUCT FEATURES

- **Qualcomm aptX-Adaptive:** Utilizes the Qualcomm QCC3040 chip for minimized audio delay (approx. 60ms), ensuring synchronized audio and video.
- **Advanced Bluetooth 5.2:** Offers enhanced stability, reliability, and extended range compared to older Bluetooth versions.
- **Wireless Communication:** Includes a mini analog microphone for seamless voice chat. Supports HFP mode for wireless calls using your headset's built-in mic.
- **Plug & Play:** Simple setup by plugging into a USB 2.0/3.0 port; automatically enters pairing mode for first-time use.
- **Audio Codec Support:** Compatible with aptX-LL, SBC, aptX, aptX Adaptive, and aptX-HD codecs. Note: Your receiving device (headphones/speaker) must also support the same standard for optimal performance.
- **Broad Operating System Compatibility:** Works with PS4/5, Windows 8/10/11, Nintendo Switch OS, Linux OS, and Mac OS.
- **Enhanced Gaming Audio:** Enables wireless audio for gaming consoles like PS4/5 and Nintendo Switch, as well as PC and Mac.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- eppfun AK3040PLUS-PRO USB Bluetooth Transmitter
- Mini Analog Microphone Adapter



The eppfun AK3040PLUS-PRO Bluetooth transmitter with its accompanying 3.5mm analog microphone adapter.

4. SETUP AND INITIAL PAIRING

1. **Connect the Transmitter:** Plug the eppfun AK3040PLUS-PRO into an available USB 2.0 or 3.0 port on your device (e.g., PC, PS5, Nintendo Switch, Mac).
2. **Initial Pairing Mode:** For the first-time use, the LED indicator on the transmitter will automatically flash red and blue, indicating it is in pairing mode.
3. **Pair with Your Audio Device:** Put your Bluetooth headphones or speaker into pairing mode. Refer to your audio device's manual for specific instructions.
4. **Connection Confirmation:** Once successfully paired, the LED indicator on the AK3040PLUS-PRO will stop flashing and remain steadily lit.



The eppfun AK3040PLUS-PRO Bluetooth transmitter plugged into a laptop's USB port, demonstrating its compact size and integrated LED indicator.

AURACAST/BROADCAST

One AK3040Pro Max Can Link with N Audio devices with LE Audio



Diagram illustrating the eppfun AK3040PLUS-PRO connecting to various audio output devices like headphones, soundbars, and earbuds, and input devices such as PCs, PS5, Nintendo Switch, and Mac.

5. OPERATING INSTRUCTIONS

5.1 Audio Transmission

After successful pairing, audio from your connected device will be wirelessly transmitted to your Bluetooth headphones or speaker. The AK3040PLUS-PRO automatically selects the best available audio codec supported by both the transmitter and your receiving device.



aptX / aptX LL / aptX HD

**aptX Lossless
aptX Voice
Snapdragon Sound
Qualcomm Bluetooth 5.4
LE Audio LC3 Codecs**



Close-up of the eppfun AK3040PLUS-PRO plugged into a laptop, highlighting its Qualcomm aptX Adaptive technology support for various audio codecs including aptX, aptX LL, aptX HD, aptX Lossless, aptX Voice, and LE Audio LC3.

5.2 Using the Mini Analog Microphone (HFP Mode)

To use the included mini analog microphone for voice chat or calls:

1. Plug the mini analog microphone into the designated port on the AK3040PLUS-PRO transmitter.
2. The transmitter will automatically switch to HFP (Hands-Free Profile) mode, allowing your Bluetooth headset's built-in microphone to function for wireless calls or voice communication.

5.3 Auracast Broadcast (AK3040Pro MAX)

The eppfun AK3040Pro MAX model supports Auracast Broadcast, allowing it to link with multiple LE Audio compatible receivers simultaneously. This feature enables sharing audio with several headphones or speakers at the same time.

AURACAST BROADCAST

eppfun AK3040Pro MAX can link with Nx Receivers
with LE Audio at the same time



Illustration of the eppfun AK3040Pro MAX's Auracast Broadcast capability, showing connection to multiple LE Audio compatible headphones and speakers from various USB-C enabled devices.

6. COMPATIBILITY

The eppfun AK3040PLUS-PRO is compatible with a wide range of devices and operating systems:

- **Operating Systems:** Windows 8/10/11, Nintendo Switch OS, Linux OS, Mac OS.
- **Gaming Consoles:** PlayStation 4 (PS4), PlayStation 5 (PS5), Nintendo Switch.
- **Bluetooth Audio Devices:** Compatible with all Bluetooth headphones and speakers from version 2.1 and onwards.

7. MAINTENANCE

To ensure the longevity and optimal performance of your eppfun AK3040PLUS-PRO transmitter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the transmitter in a cool, dry place away from direct sunlight and extreme temperatures.

- **Handling:** Handle the device with care. Avoid dropping or subjecting it to strong impacts.
- **Connectivity:** Ensure the USB port is free of dust and debris before plugging in the transmitter.

8. TROUBLESHOOTING

If you encounter issues with your eppfun AK3040PLUS-PRO, please refer to the following common solutions:

Problem	Possible Cause / Solution
Device does not pair or connect.	• Ensure the transmitter is properly plugged into a powered USB port. • Verify that your Bluetooth headphones/speaker are in pairing mode. • Try restarting both the transmitter (by unplugging and replugging) and your audio device. • Check if there are other Bluetooth devices interfering; try pairing in a less congested area.
No audio output after pairing.	• Ensure the volume on both your source device and audio output device is turned up. • Verify that the AK3040PLUS-PRO is selected as the audio output device in your computer's sound settings (if applicable). • Confirm that your audio device supports the codecs used by the transmitter (e.g., aptX-Adaptive, SBC).
Audio quality is poor or intermittent.	• Reduce the distance between the transmitter and your audio device. • Remove any obstacles (walls, large metal objects) that may be blocking the signal. • Ensure there is no strong Wi-Fi or other wireless interference nearby. • Check if your audio device supports the advanced codecs (aptX-Adaptive, aptX-HD) for optimal quality.
Microphone not working.	• Ensure the mini analog microphone is securely plugged into the transmitter. • Verify that your Bluetooth headset has a built-in microphone and that it is enabled. • Check your device's sound settings to ensure the correct microphone input is selected.

9. SPECIFICATIONS

Feature	Detail
Model	AK3040PLUS-PRO
Connectivity Technology	Bluetooth 5.2

Feature	Detail
Chipset	Qualcomm QCC3040
Supported Audio Codecs	aptX-LL, SBC, aptX, aptX Adaptive, aptX-HD
Special Feature	Low Latency, Mini Analog Microphone Support
Power Source	Corded Electric (USB powered)
Material	Plastic
Item Weight	2.47 ounces
Package Dimensions	3.94 x 3.54 x 0.59 inches

10. SAFETY INFORMATION

WARNING:

- Do not use this device with equipment other than audio devices.
- Ensure compatibility with your specific device before use to prevent damage or malfunction.
- Always follow the manufacturer's instructions for proper handling, usage, and disposal of the product.
- Keep out of reach of children.
- Avoid exposure to water, moisture, or extreme temperatures.

11. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official eppfun website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: eppfun

