

eppfun AK3040Plus

eppfun AK3040Plus USB Bluetooth 5.2 Transmitter User Manual

Model: AK3040Plus

1. INTRODUCTION

The eppfun AK3040Plus is a high-performance USB Bluetooth 5.2 audio transmitter designed to provide seamless wireless audio connectivity for various devices. Featuring Qualcomm APTX-Adaptive technology, it ensures low latency and high-fidelity sound, making it ideal for gaming, music, and voice chat. This manual provides detailed instructions for setting up, operating, and maintaining your AK3040Plus transmitter.



Figure 1: eppfun AK3040Plus USB Bluetooth 5.2 Transmitter

2. PRODUCT FEATURES

- **Qualcomm APTX-Adaptive:** Utilizes the Qualcomm QCC3040 Chip with aptX-Adaptive for minimized audio delay (approx. 60ms), ensuring synchronized audio and video.
- **Advanced Bluetooth 5.2:** Offers enhanced stability and reliability with four times the range and two times the speed compared to older Bluetooth versions.
- **Wireless Communication:** Includes a mini analog microphone for seamless voice chat. Supports HFP mode for calls using your Bluetooth headset's built-in mic.
- **Easy Plug & Play:** Simple setup by plugging into a USB 2.0/3.0 port. Automatic pairing mode for first-time use.
- **Audio Decoding Support:** Compatible with aptX-LL, SBC, Aptx, Aptx adaptive, and Aptx-HD audio codecs. Note: Your headphones must also support the same standard for optimal performance.

- **Wide Operating System Compatibility:** Supports PS4/5, Windows 8/10/11, Nintendo Switch OS, Linux OS, and Mac OS.
- **Enhanced Gaming Audio:** Provides wireless audio for PS4/5 and Nintendo Switch, compatible with all Bluetooth headphones from version 2.1 onwards.

3. SETUP AND INSTALLATION

The eppfun AK3040Plus is designed for simple plug-and-play operation. Follow these steps to set up your device:

1. **Connect the Transmitter:** Plug the eppfun AK3040Plus into an available USB 2.0 or USB 3.0 port on your PS4, PS5, PC, Mac, or Nintendo Switch.
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. **Activate Headphone Pairing:** Put your Bluetooth headphones or speaker into pairing mode. Refer to your audio device's manual for specific instructions on how to do this.
4. **Pairing Confirmation:** Once your audio device successfully pairs with the AK3040Plus, the LED indicator on the transmitter will stop flashing and remain steadily lit (color depends on the active codec).
5. **Audio Output Selection (PC/Mac):** On PC or Mac, you may need to manually select the "eppfun AK3040Plus" as your audio output device in your system's sound settings.

PS4 PS5/PC for transmitter adapter aptX-Adaptive/ aptX/ aptX HD/ aptX-II/ SBC Correspond

Easy to Use, Plug & Play



Figure 2: Connecting the AK3040Plus to a PC



Figure 3: Using the AK3040Plus with a PS5 for shared audio

4. OPERATING INSTRUCTIONS

4.1. Codec Switching

The AK3040Plus supports multiple audio codecs. The LED indicator on the transmitter changes color to show the currently active codec:

- **Cyan:** aptX-Adaptive
- **Green:** aptX HD
- **Yellow:** aptX LL (Low Latency)
- **Purple:** aptX
- **Red:** SBC

To switch between supported codecs, press the button on the AK3040Plus transmitter. The transmitter will attempt to connect using the highest quality codec supported by both the transmitter and your connected audio device.

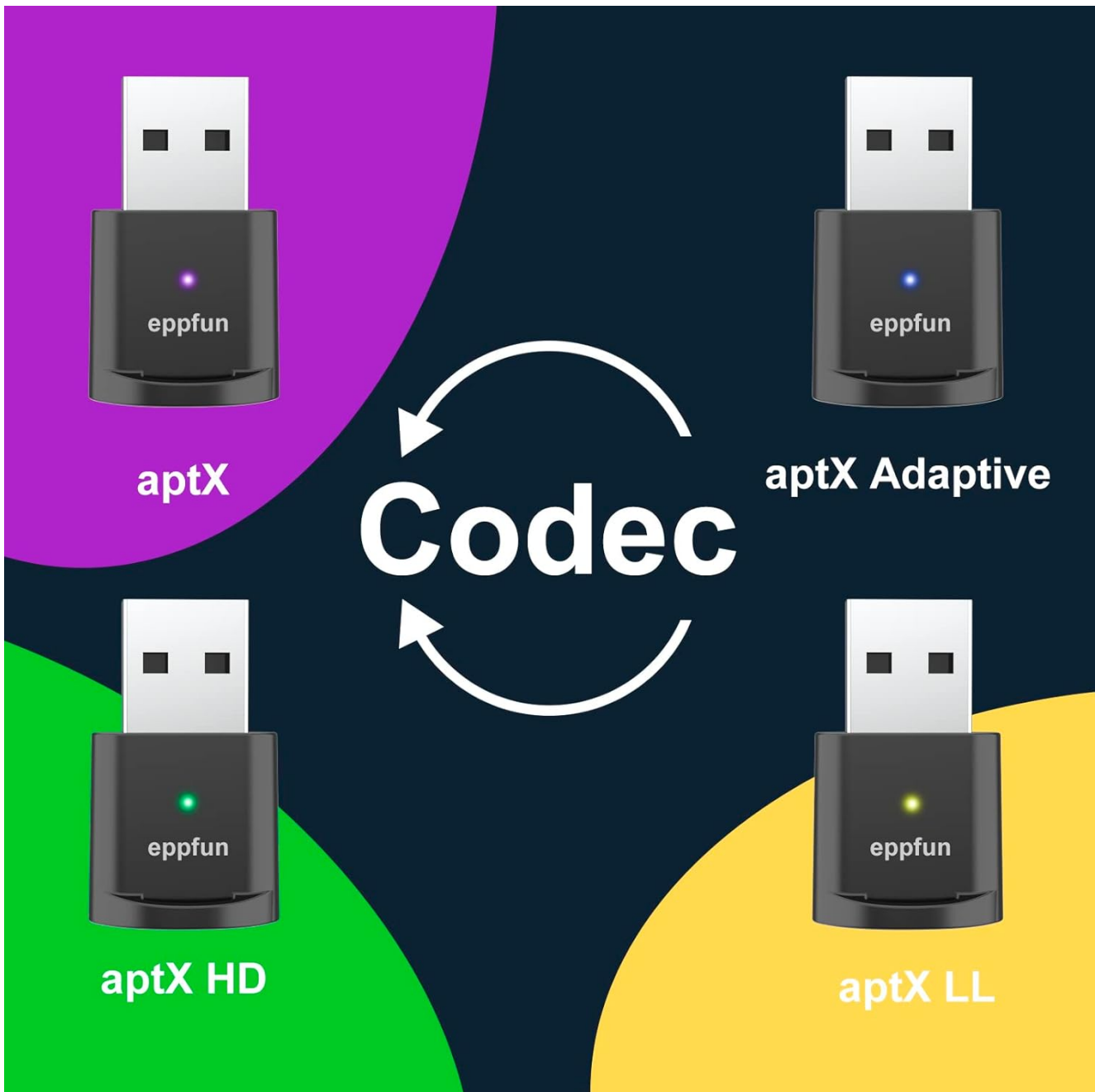


Figure 4: LED Indicator Colors for Audio Codecs

4.2. Microphone Usage (HFP Mode)

The AK3040Plus comes with a mini analog microphone for voice chat. If you wish to use your Bluetooth headset's built-in microphone, the transmitter can switch to HFP (Hands-Free Profile) mode. This allows for wireless calls and communication through your headset's integrated mic.

5. COMPATIBILITY

The eppfun AK3040Plus is compatible with a wide range of devices and operating systems:

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

Note: The AK3040Plus is designed exclusively for audio transmission. It is not compatible with devices such as printers, game controllers (for input), cars, keyboards, mice, or guitars for data transfer or control.

Compatible to Multiple Devices



Figure 5: Compatible Devices for AK3040Plus

6. SPECIFICATIONS

Feature	Detail
Model Number	AK3040Plus
Bluetooth Version	5.2
Chipset	Qualcomm QCC3040
Supported Codecs	aptX-LL, SBC, AptX, AptX adaptive, AptX-HD
Connector Type	USB (2.0/3.0 compatible)
Color	Black
Item Weight	3 Grams (0.106 ounces)

Feature	Detail
Package Dimensions	4.76 x 3.58 x 0.67 inches
Compatible Devices	Nintendo Switch, Headphone, Speaker, PC, PS4, PS5



FETURES		OTHERS
Operating System Support	Windows11/10/8/7/XP/MAC PS5/ Nintendo Switch	Windows7/8/10
Bluetooth	Bluetooth 5.2	Bluetooth 5.0/4.0
aptX- Adaptive LED : Cyan	✓	✗
aptX HD LED: Green	✓	✗
aptX LL LED: Yellow	✓	✗
aptX LED: Purple	✓	✓
SBC LED: Red	✓	✓

Figure 6: Feature Comparison Table

7. TROUBLESHOOTING

If you encounter issues with your eppfun AK3040Plus, please refer to the following common problems and solutions:

- Problem: Difficulty Pairing / Multiple Pairing Attempts Required.**
Solution: Ensure both the AK3040Plus and your audio device are in pairing mode. Try restarting both devices. Move closer to the transmitter to reduce interference. Ensure no other Bluetooth devices are actively trying to connect or are already connected to your audio device. If the AK3040Plus was previously paired with another device, ensure that device's Bluetooth is off or out of range.
- Problem: Unintended Connection to Another Device (e.g., Roommate's Soundbar).**
Solution: This can happen if the other device is also in pairing mode or has a strong, open Bluetooth signal.

Ensure only the intended audio device is in pairing mode when you initiate connection. If the issue persists, temporarily disable Bluetooth on other nearby devices during the pairing process.

- **Problem: Codec Switching Does Not Seem to Work.**

Solution: The AK3040Plus will automatically select the best available codec supported by both the transmitter and your audio device. Pressing the button cycles through the available codecs. If a specific codec isn't activating, verify that your audio device (headphones/speaker) explicitly supports that codec (e.g., aptX HD, aptX LL). The LED indicator will confirm the active codec.

- **Problem: No Volume Control from Host Device (PC/Console).**

Solution: Some Bluetooth audio devices, especially when using certain codecs, may not allow volume control directly from the host (PC, console). In such cases, adjust the volume directly on your Bluetooth headphones or speaker.

- **Problem: No Sound or Poor Audio Quality.**

Solution: Check if the AK3040Plus is correctly paired and the LED is solid. Ensure the correct audio output device is selected on your PC/Mac. Verify that your audio device is charged and functioning correctly. Try re-pairing the devices. If using a specific codec, ensure your audio device supports it.

- **Problem: Not Compatible with My Bluetooth Headphones/Earbuds.**

Solution: While the AK3040Plus is broadly compatible, some specific Bluetooth headphone models or older Bluetooth Low Energy (LE) protocols might have compatibility issues. Ensure your headphones are updated to their latest firmware if applicable. If issues persist, contact eppfun support.

8. MAINTENANCE

To ensure the longevity and optimal performance of your eppfun AK3040Plus transmitter, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the transmitter. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Do not attempt to disassemble or modify the transmitter, as this will void the warranty.

9. WARRANTY AND SUPPORT

eppfun values customer satisfaction and provides comprehensive support for its products.

9.1. Warranty Information

The eppfun AK3040Plus comes with a **1-year quality assurance warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards.

9.2. Return Policy

All eppfun products are eligible for a **full, hassle-free refund within 60 days of purchase** if you are dissatisfied or unable to resolve an issue through support.

9.3. Customer Support

Your satisfaction matters to us. If you have any questions, experience problems, or need assistance with your eppfun AK3040Plus, please contact us through the official eppfun seller page on Amazon. We are committed to addressing your concerns promptly and providing solutions for any product issues.

For general inquiries or compatibility questions, feel free to leave a question on the product page in the customer

questions & answers section. We aim to respond within one business day.

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