

eppfun AK3040Plus

eppfun 3040Plus USB Bluetooth Adapter User Manual

Model: AK3040Plus

1. INTRODUCTION

The eppfun 3040Plus is a compact USB Bluetooth 5.2 audio adapter designed to provide high-quality wireless audio transmission. It enables you to connect Bluetooth headphones or speakers to various devices such as gaming consoles (PS4, PS5, Nintendo Switch), PCs, and Macs, enhancing your audio experience with low latency and advanced audio codecs.

This adapter supports advanced audio technologies like aptX-Adaptive, aptX HD, aptX LL, aptX, and SBC, ensuring a synchronized audio and video experience with minimal delay.



Image: The eppfun 3040Plus USB Bluetooth Adapter connected to a PS5, providing wireless audio to a user playing a game.

2. KEY FEATURES

- **Mini USB Dongle Design:** Low-profile and compact, designed to remain plugged into your device without obstructing adjacent USB ports.
- **Wide Compatibility:** Driver-free installation for Windows XP/7/8/10, Linux, PS4, PS5, Nintendo Switch, and Android.

- **Bluetooth 5.2 Technology:** Ensures stable and efficient wireless connections.
- **Advanced Audio Codecs:** Supports aptX-Adaptive, aptX HD, aptX LL (Low Latency), aptX, and SBC for various audio quality and latency needs.
- **Dual Headphone Connection:** Capable of connecting two Bluetooth headphones or speakers simultaneously.
- **LED Indicator for Codec Status:** Different LED colors indicate the active audio codec (Cyan for aptX-Adaptive, Green for aptX HD, Yellow for aptX LL, Purple for aptX, Red for SBC).
- **Plug & Play:** Simple setup with automatic pairing mode upon first use.



Image: The eppfun AK3040Plus adapter highlighting its compatibility with multiple platforms and support for various aptX codecs.

3. COMPATIBILITY

The eppfun 3040Plus adapter is designed for broad compatibility with various devices and operating systems. It functions as an audio transmitter only and requires your audio receiving device (headphones, speakers) to also support Bluetooth.

3.1 Supported Devices:

- Gaming Consoles: PlayStation 4 (PS4), PlayStation 5 (PS5), Nintendo Switch (NS)
- Computers: PC (Windows XP, 7, 8, 10, 11, Linux), Mac
- Mobile Devices: Android (for audio transmission)

3.2 Supported Audio Codecs:

The adapter supports the following audio codecs. For optimal performance, your connected headphones or speakers should also support the desired codec.

- **aptX-Adaptive:** Dynamic codec for high quality and low latency.
- **aptX HD:** High-definition audio quality.
- **aptX LL (Low Latency):** Minimizes audio delay to approximately 60ms, ideal for gaming and video.
- **aptX:** Standard high-quality audio.
- **SBC:** Standard Bluetooth audio codec.



Image: Visual representation of the adapter's compatibility with various devices and audio output types, emphasizing it's for audio devices only.

4. SETUP AND INSTALLATION

The eppfun 3040Plus is designed for driver-free installation, making setup straightforward.

1. **Plug In:** Insert the eppfun 3040Plus USB Bluetooth Adapter into an available USB 2.0 or 3.0 port on your desired device (e.g., PS5, PC, Nintendo Switch dock).
2. **Initial Pairing Mode:** Upon first use, the LED indicator on the adapter will flash white quickly, indicating it has automatically entered pairing mode.
3. **Device Recognition:** Your device should recognize the adapter automatically without requiring additional driver installation.

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

Easy to Use, Plug & Play



Image: The eppfun adapter connected to a PC, ready for use with wireless audio devices, demonstrating its plug-and-play nature.

5. OPERATING INSTRUCTIONS

5.1 Pairing with a Single Headphone/Speaker:

1. Ensure the eppfun 3040Plus adapter is plugged into your device. The LED will flash white quickly.
2. Put your Bluetooth headphones or speaker into pairing mode. Refer to your audio device's manual for specific instructions.
3. Place the audio device close to the eppfun adapter. They should automatically connect.
4. Once successfully paired, the LED indicator on the adapter will stop flashing and remain steadily lit, indicating the active audio codec (e.g., Cyan for aptX-Adaptive).

5.2 Connecting Two Wireless Headphones/Speakers:

The eppfun 3040Plus supports connecting two Bluetooth audio devices simultaneously.

1. First, pair your primary Bluetooth headphone/speaker as described in section 5.1. The LED will be solid.
2. To connect a second device, press the button on the eppfun adapter once. The LED will start

flashing white quickly again, indicating it's searching for a second device.

3. Put your second Bluetooth headphone/speaker into pairing mode.
4. Once the second device is paired, the LED will remain solid, and audio will be transmitted to both devices.

Bluetooth 5.2 Qualcomm aptX-Adaptive Two Connected at the same time



Image: Illustrates the ability to connect two wireless headphones simultaneously to a PS5 using the eppfun adapter for a shared gaming experience.

5.3 Switching Audio Playback Codecs:

The eppfun 3040Plus allows you to cycle through supported audio codecs to optimize for sound quality or low latency. This is done via a button on the adapter.

1. After a successful connection with your audio device(s), press the button on the eppfun adapter.
2. Each press will cycle through the available codecs in the following order **aptX-Adaptive** → **aptX LL** → **aptX HD** → **aptX** → **SBC**.
3. The LED indicator color will change to reflect the currently active codec.

LED Indicator for Audio Playback Mode:

- **Cyan light:** aptX-Adaptive

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

● To switch the audio playback codec

Click the key to switch the audio coding (after successful connection) , switch in order by aptX Adaptive - aptX LL - aptX HD - aptX LL — aptX - SBC



● Indicator LED for audio playback mode

- Blue light :Aptx Adaptive
- Green light :Aptx HD
- Yellow light :Aptx LL
- Purple light :Aptx
- Red light : SBC

Image: Instructions on how to switch audio playback codecs by pressing the adapter's button, with a visual guide to LED indicator colors for each codec.

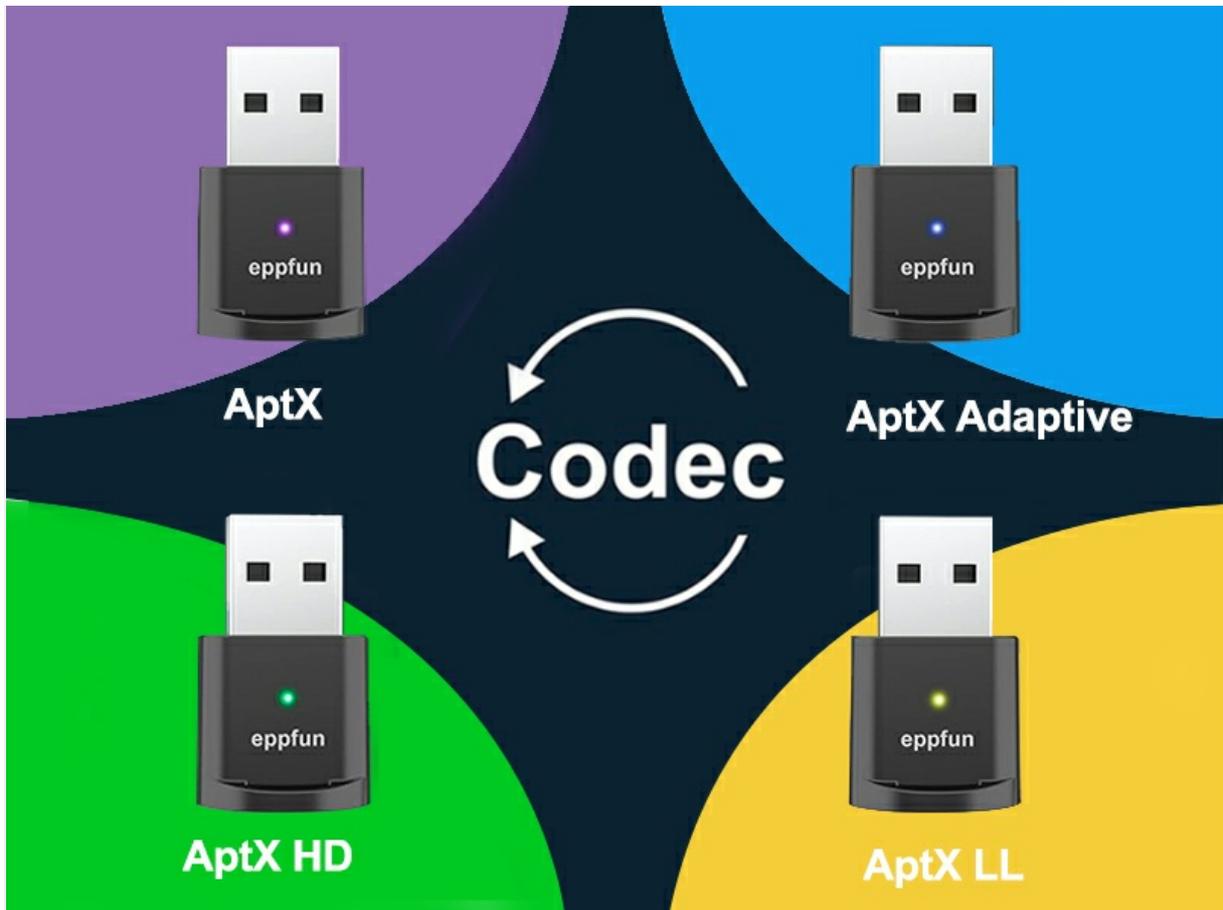


Image: Visual representation of the different LED colors indicating the active audio codec on the eppfun adapter.

6. SPECIFICATIONS

Feature	Detail
Model Number	AK3040Plus
Bluetooth Version	5.2
Supported Codecs	aptX-Adaptive, aptX HD, aptX LL, aptX, SBC
Compatibility	Windows XP/7/8/10/11, Linux, PS4, PS5, Nintendo Switch, Mac, Android
Connector Type	USB (2.0/3.0)
Color	Black
Item Weight	1.41 ounces (approx. 40 grams)
Package Dimensions	4.72 x 3.54 x 0.59 inches



FEATURES		OTHERS
Operating System Support	Windows 11/10/8/7/XP/MAC PS5/ Nintendo Switch	Windows 7/8/10
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	✓	✓

Image: A feature comparison table detailing the operating system support, Bluetooth version, and codec capabilities of the eppfun 3040Plus.

7. TROUBLESHOOTING

- **No Sound or Pairing Issues:**

- Ensure the adapter is firmly plugged into a working USB port.
- Confirm your headphones/speakers are in pairing mode and fully charged.
- Try unplugging and re-plugging the adapter, then re-initiate pairing.
- Check your device's audio output settings to ensure the eppfun adapter is selected as the output device.

- **Audio Delay (Latency):**

- Ensure both the adapter and your audio device support aptX LL or aptX-Adaptive.
- Press the button on the adapter to cycle through codecs until the LED indicates aptX LL (Yellow) or aptX-Adaptive (Cyan).
- Reduce the distance between the adapter and your audio device, and minimize obstructions.

- **Connecting Two Devices:**

- Pair the first device successfully, then press the adapter button once to enter pairing mode for the second device.

- Ensure both devices are compatible with simultaneous connection.
- **Incorrect Codec Indication:**
 - The adapter will default to the highest common codec supported by both itself and the connected audio device.
 - If you expect a specific codec (e.g., aptX HD) but see a different LED color, verify that your audio device also supports that codec.
 - Manually cycle through codecs using the adapter button.

8. MAINTENANCE

The eppfun 3040Plus USB Bluetooth Adapter requires minimal maintenance to ensure longevity and optimal performance.

- **Cleaning:** Use a soft, dry cloth to wipe the adapter. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid extreme temperatures.
- **Handling:** Handle the adapter gently. Avoid dropping it or subjecting it to strong impacts.
- **Environment:** Keep the adapter away from water, moisture, and direct sunlight.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official eppfun website or contact their customer service directly. Details regarding product warranty periods and support channels are typically provided with your purchase documentation or on the manufacturer's website.

Please retain your proof of purchase for any warranty claims.