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> [YPBDAN TA4000 Wireless Gaming Headset Instruction Manual](#)

## YPBDAN TA4000

# YPBDAN TA4000 Wireless Gaming Headset User Manual

MODEL: TA4000

Brand: YPBDAN

## 1. Introduction

Thank you for choosing the YPBDAN TA4000 Wireless Gaming Headset. This manual provides detailed instructions for setting up, operating, and maintaining your headset to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

## 2. Package Contents

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

- YPBDAN TA4000 Wireless Gaming Headset
- Detachable Omnidirectional Microphone
- 2.4GHz USB Wireless Dongle
- USB-C to USB-A Charging Cable
- 3.5mm Audio Cable
- User Manual (this document)



Image: The YPBDAN TA4000 Wireless Gaming Headset shown with its detachable microphone, 2.4GHz USB dongle, USB-C charging cable, and 3.5mm audio cable.

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Video: A brief overview of the TA4000 headset's package contents, demonstrating the items included in the box.

### 3. Product Features

- **Versatile Connectivity:** Supports 2.4GHz wireless, Bluetooth 5.3, and 3.5mm wired connections for broad compatibility.
- **Extended Battery Life:** Up to 60 hours of playtime on a single charge (25-30 hours with RGB lighting enabled) from a 1000mAh battery. Fast charging via USB-C fully charges the headset in approximately 2.5 hours.
- **Low Latency Audio:** 2.4GHz wireless connection provides ultra-low latency (sub-40ms) for synchronized audio. Bluetooth 5.3 ensures stable mobile gaming.
- **High-Fidelity Sound:** Equipped with 50mm audio drivers and 3D surround sound, offering a wide frequency response (20Hz–20kHz) for clear audio and directional cues.
- **ENC Noise-Canceling Microphone:** Omnidirectional microphone with AI-powered Environmental Noise Cancellation (ENC) reduces up to 90% of background noise for clear communication.

- **Comfort-Focused Design:** Features 90° rotatable ear cups with protein leather cushions and an adjustable headband for comfort during extended use.
- **Intuitive On-Ear Controls:** Easily manage volume, RGB lighting, and switch between 2.4G/Bluetooth modes directly from the ear cups.

## 4. Setup

### 4.1. Charging the Headset

Before initial use, fully charge the headset. Connect the USB-C end of the charging cable to the headset's USB-C port and the USB-A end to a compatible power source (e.g., computer USB port, USB wall adapter). The LED indicator will show charging status and turn off when fully charged.

- **Charging Time:** Approximately 2.5 hours for a full charge.
- **Battery Life:** Up to 60 hours (without RGB lighting), 25-30 hours (with RGB lighting).



Image: The headset highlighting its USB-C charging port and indicating up to 60 hours of playtime.

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Video: Demonstration of how to charge the TA4000 Wireless Gaming Headset.

## 4.2. Attaching the Microphone

Insert the detachable microphone into the dedicated microphone port on the left earcup. Ensure it is securely connected. The microphone is flexible and can be adjusted to your preferred position.



Image: Close-up of the detachable microphone and its connection point on the headset.

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Video: Instructions on how to properly plug in and attach the microphone to the headset.

## 5. Operating Modes

### 5.1. 2.4GHz Wireless Mode (for PC, PS5, PS4)

1. Plug the 2.4GHz USB wireless dongle into an available USB port on your PC, PS5, or PS4.
2. Power on the headset by pressing and holding the power button.
3. The headset will automatically connect to the dongle. The LED indicator on the headset will confirm connection.
4. Adjust volume using the on-ear controls or your device's settings.

**2.4GHz WIRELESS  
CONNECTIVITY &  
LOW LATENCY**



**< 20ms Latency**

**Stable Wireless Range Up to 49 ft**

Image: The headset positioned next to a PS5 console and controller, illustrating 2.4GHz wireless connectivity.

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Video: A guide on how to connect the TA4000 headset to a PS5 console.

### **5.2. Bluetooth 5.3 Mode (for Mac, Switch, Mobile)**

1. Power on the headset.
2. Long press the connectivity mode button (labeled BT) on the earcup to enter Bluetooth pairing mode. The LED indicator will flash.
3. On your device (Mac, Switch, mobile), search for Bluetooth devices and select "TA4000" to pair.
4. Once paired, the LED indicator will become solid.
5. Note: Bluetooth does not support PS5/PS4.

### **5.3. 3.5mm Wired Mode (for Xbox, PC, PS5, PS4, Switch, Mac, Mobile)**

1. Connect one end of the 3.5mm audio cable to the headset's 3.5mm port.
2. Connect the other end of the 3.5mm audio cable to your device's 3.5mm audio jack.
3. Note: For Xbox, only wired mode is supported.

### **5.4. On-Ear Controls Overview**

The headset features intuitive controls on the earcups:

- **Mic On/Off Button:** Toggles microphone mute.
- **Power Button:** Press and hold to power on/off. Single click for play/pause.
- **Volume +/- Buttons:** Adjusts audio volume.
- **LED Lights/Mode Button:** Controls RGB lighting effects. Long press to switch between 2.4GHz and Bluetooth modes.
- **Type-C Port:** For charging the headset or 3.5mm wired connection.



Image: Detailed view of the headset's left earcup, highlighting the function buttons for mic, power, volume, LED/mode, and Type-C port.

## 6. Compatibility Chart

The table below outlines the compatibility of the TA4000 headset with various gaming devices across different connection modes.

# MULT- PLATFORM COMPATIBILITY



Image: A chart detailing the compatibility of the headset's 2.4GHz, Bluetooth, and 3.5mm wired modes with various devices like PC, PS4/PS5, Switch, mobile, and Xbox.

## 7. Maintenance

- Clean the headset regularly with a soft, dry cloth.
- Avoid exposing the headset to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the headset yourself. Contact customer support for assistance.
- Store the headset in a cool, dry place when not in use.

## 8. Troubleshooting

Problem	Solution
No sound in 2.4GHz mode	Ensure the 2.4GHz dongle is properly plugged in and the headset is in 2.4GHz mode. Check your device's audio output settings to ensure "TA4000" is selected.

Problem	Solution
Bluetooth pairing fails	Ensure the headset is in Bluetooth pairing mode (LED flashing). Make sure your device's Bluetooth is on and "TA4000" is selected. Try restarting both devices.
Microphone not working	Ensure the microphone is securely attached and not muted (check mic on/off button). Verify your device's input settings have the headset microphone selected.
Short battery life	Ensure the headset is fully charged before use. RGB lighting consumes more power; turn it off for extended battery life.

## 9. Specifications

Feature	Detail
Model Name	TA4000
Connectivity	2.4GHz Wireless, Bluetooth 5.3, 3.5mm Wired
Compatibility	PC, PS4, PS5, Laptops, Mac, Nintendo Switch, Mobile Devices, Xbox (3.5mm wired only)
Audio Drivers	50mm Dynamic Drivers
Frequency Response	20Hz–20kHz
Audio Latency (2.4GHz)	<40ms
Microphone	Omnidirectional, ENC Noise-Canceling
Battery Capacity	1000mAh
Playtime	Up to 60 hours (without RGB), 25-30 hours (with RGB)
Charging Time	2.5 hours (USB-C)
Weight	15.8 ounces
Material	Plastic, Protein Leather (ear cushions)

## 10. Warranty and Support

The YPBDAN TA4000 Wireless Gaming Headset comes with a standard manufacturer's warranty. For specific warranty details, support, or troubleshooting assistance not covered in this manual, please refer to the warranty card included in your package or contact YPBDAN customer service directly. Contact information can typically be found on the product packaging or the official YPBDAN website.

