

BINNUNE

BINNUNE Wireless Gaming Headset

Model: BW01

PRODUCT OVERVIEW

The BINNUNE Wireless Gaming Headset (Model BW01) is engineered to provide a high-quality audio experience for gaming and communication across multiple platforms. It features advanced wireless technology, a powerful audio driver, and a noise-canceling microphone, all designed for comfort and extended use.



Image: The BINNUNE Wireless Gaming Headset, showcasing its sleek black and red design, along with the included USB dongle and 3.5mm audio cable.

WHAT'S IN THE BOX

- BINNUNE Wireless Gaming Headset
- USB Dongle (for 2.4GHz wireless connection)
- 3.5mm Audio Cable
- Charging Cable (USB-C)

SPECIFICATIONS

Feature	Detail
Model Name	BW01
Connectivity	2.4GHz Wireless, Bluetooth 5.3, 3.5mm Wired
Audio Driver Size	50mm Dynamic Driver

Frequency Response	20Hz - 20KHz
Sensitivity	96 dB
Impedance	32 Ohm
Wireless Latency	As low as 15ms (2.4GHz)
Battery Life (2.4GHz)	Approx. 80 hours
Battery Life (Bluetooth)	Approx. 120 hours
Charging Time	Approx. 3-4 hours
Microphone	Unidirectional Noise-Canceling, 120° Adjustable
Material	Plastic, PU Leather (earmuffs)
Weight	10.7 Ounces (approx. 303g)

SETUP GUIDE

1. Charging the Headset

Before first use, fully charge the headset. Connect the included USB-C charging cable to the headset's charging port and the other end to a USB power source (e.g., computer USB port, wall adapter). A full charge takes approximately 3-4 hours. A 10-minute quick charge can provide up to 3 hours of battery life.

2. Connecting via 2.4GHz Wireless (USB Dongle)

This mode offers ultra-low latency and is ideal for gaming on PS5, PS4, PC, and Mac. It is the only wireless mode compatible with PlayStation consoles.

1. Insert the USB dongle into an available USB port on your PS5, PS4, PC, or Mac.
2. Power on the headset by pressing and holding the power button until the indicator light illuminates.
3. The headset will automatically connect to the USB dongle. The indicator light on the headset will show a stable connection.

MORE STABLE CONNECTION LAG-FREE



Image: The BINNUNE headset positioned next to a PlayStation 5 console, illustrating the 2.4GHz wireless connection via the USB dongle for low-latency gaming.

3. Connecting via Bluetooth 5.3

Bluetooth mode is suitable for PC, Mac, mobile phones, and tablets. Note: Bluetooth mode is not compatible with PlayStation series consoles.

1. Ensure the headset is powered on.
2. Activate Bluetooth pairing mode on the headset (refer to the 'Operating Instructions' for specific button presses if needed, typically a long press on the power/multi-function button). The indicator light will usually flash to indicate pairing mode.
3. On your device (PC, Mac, mobile, tablet), go to Bluetooth settings and search for 'BINNUNE BW01' or similar.

4. Select the headset to pair. Once connected, the headset indicator light will become stable.

4. Connecting via 3.5mm Wired

For universal compatibility with devices supporting a 3.5mm audio jack, use the included 3.5mm cable. This mode does not require battery power.

1. Plug one end of the 3.5mm audio cable into the headset's 3.5mm port.
2. Plug the other end into the 3.5mm audio jack of your device (e.g., PC, PS4/PS5 controller, mobile phone).

Compatibility Notes

- The headset is **not compatible with Xbox consoles** in any mode.
- 2.4GHz mode supports PC, Mac, Laptop, PS5, PS4, PS3, PS2.
- Bluetooth mode supports Phone, Laptop, Mac, Tablet. (Note: Bluetooth is not compatible with PS series).
- Wired mode supports PC, Laptop, Mac, PS5/PS4 controller, Switch.

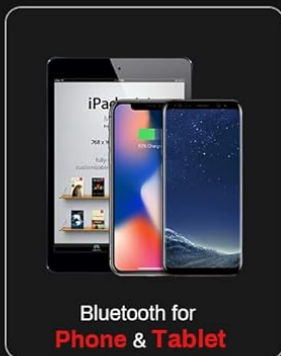
USB PLUG-AND-PLAY



USB for **PC & Mac & Laptop**



USB for **steam deck**



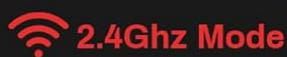
Bluetooth for **Phone & Tablet**



Bluetooth for **Switch**



USB for **Ps & Ps2 & Ps4 & Ps5**



2.4Ghz Mode

PC/Mac/Laptop
PS5/PS4/PS3/PS2



Bluetooth Mode

Phone
Laptop/Mac



Wired Mode

PC/Laptop/Mac
PS5/PS4



Note1: All modes not compatible with xbox

Note2: Bluetooth mode not compatible with PS series

Image: A comprehensive compatibility chart illustrating the various devices supported by the headset's 2.4GHz wireless, Bluetooth, and wired modes, including specific notes on PlayStation and Xbox compatibility.

OPERATING INSTRUCTIONS

Power On/Off

- **Power On:** Press and hold the power button for a few seconds until the indicator light turns on.
- **Power Off:** Press and hold the power button for a few seconds until the indicator light turns off.

Controls

The headset features intuitive button controls located on the earcups:

- **Play/Pause/Answer Call:** Single click the multi-function button.
- **Hang Up Call:** Single click the multi-function button during a call.
- **Refuse Call:** Press and hold the multi-function button for 1 second.
- **Volume Up / Previous Song:** Single click for volume up; long press for previous song.
- **Volume Down / Next Song:** Single click for volume down; long press for next song.
- **Microphone On/Off (Mute):** Use the dedicated microphone mute button/switch.



Image: Close-up of the BINNUNE headset's flexible, adjustable microphone, highlighting its noise-canceling capabilities and omnidirectional pickup for clear communication.

Microphone Usage

The 120° adjustable unidirectional noise-canceling microphone is designed to filter out environmental

noise for clear voice transmission. Adjust the microphone to your preferred angle for optimal pickup. Use the dedicated mute button to quickly silence your microphone when needed.

3D Stereo Sound

The 50mm driver unit provides rich and accurate 3D stereo sound, allowing for precise sound positioning in games, such as footsteps and environmental details.



Image: A visual representation of the headset's 3D audio capabilities, showing sound waves emanating from different directions to enhance spatial awareness in games.

Battery Life and Alerts

The headset offers extended battery life: approximately 80 hours in 2.4GHz wireless mode and up to 120 hours in Bluetooth mode. When the battery level drops below 5%, a voice alert will notify you to recharge

the headset.



Image: An internal view of the headset's earcup, highlighting the 1200mAh battery and indicating the impressive battery life of approximately 80 hours in 2.4GHz mode and 120 hours in Bluetooth mode.

MAINTENANCE

Cleaning

- Wipe the headset surfaces, including the plastic frame and PU leather earmuffs, with a soft, dry, or slightly damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the materials.
- Ensure no liquid enters the speaker grilles or charging port.

Storage

- Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid placing heavy objects on the headset to prevent deformation.
- If storing for an extended period, ensure the battery is partially charged (around 50%) to maintain battery health.

Battery Care

- Avoid completely draining the battery frequently.
- Do not leave the headset charging for excessively long periods after it is fully charged.
- Charge the headset regularly, even if not in frequent use, to prevent deep discharge.

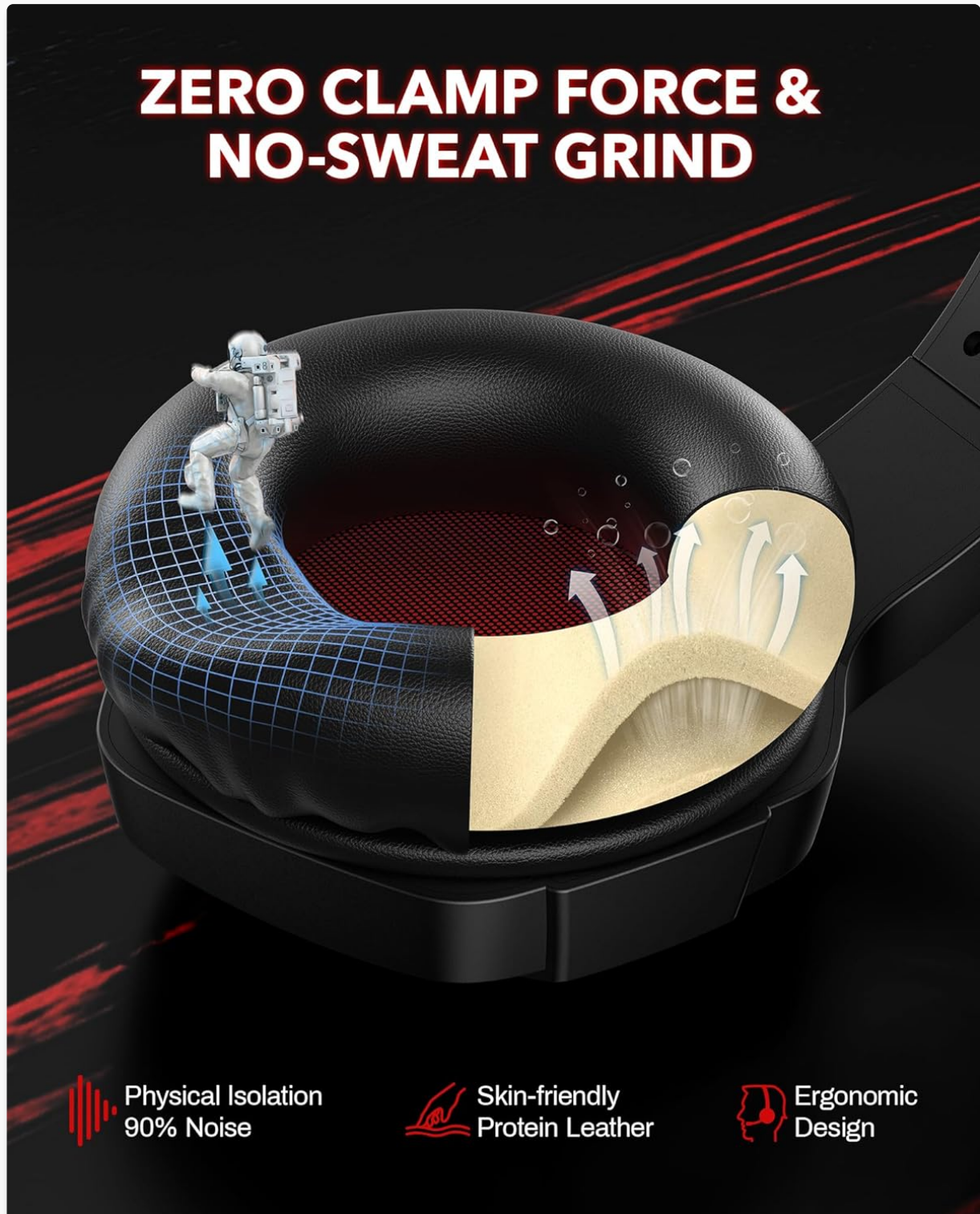


Image: A detailed cutaway view of the headset's earcup, illustrating the multi-layered design with memory foam and

breathable PU leather for enhanced comfort and ventilation during long gaming sessions.

TROUBLESHOOTING

No Sound / Low Volume

- Check the headset's volume controls and your device's volume settings.
- Ensure the headset is properly connected (dongle fully inserted, Bluetooth paired, or 3.5mm cable secure).
- Verify that the correct audio output device is selected in your computer's sound settings.
- Reboot your device and the headset.

Microphone Not Working

- Ensure the microphone is not muted using the dedicated mute button/switch on the headset.
- Check your device's sound settings to ensure the BINNUNE headset microphone is selected as the input device.
- For PlayStation consoles, ensure the headset is connected via the 2.4GHz USB dongle, as Bluetooth microphone functionality may be limited or unavailable.
- Adjust the microphone's position closer to your mouth.

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Video: A short demonstration addressing common reasons why the microphone might not be working on the BINNUNE Wireless Gaming Headset and how to resolve them.

Connection Issues (2.4GHz or Bluetooth)

- **2.4GHz:** Ensure the USB dongle is securely plugged in. Try a different USB port. Move closer to the dongle to rule out range issues.
- **Bluetooth:** Ensure Bluetooth is enabled on your device. Forget the headset from your device's Bluetooth list and re-pair. Ensure no other Bluetooth devices are interfering.
- Ensure the headset battery has sufficient charge.

Headset Not Powering On

- Ensure the headset is fully charged.
- Try resetting the headset (if a reset button or combination exists, refer to manufacturer's specific instructions, not detailed in provided data).

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product packaging or visit the official BINNUNE website. The manufacturer, BINNUNE, is committed to providing valuable and qualified products.

Manufacturer: BINNUNE