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Rumoon Spark 02

Rumoon Spark 02 Wireless Gaming Headset User Manual

Model: Spark 02 | Brand: Rumoon

INTRODUCTION

The Rumoon Spark 02 Wireless Gaming Headset is designed to provide an immersive audio experience for gamers across multiple platforms. Featuring dual 2.4GHz wireless and Bluetooth 5.3 connectivity, a detachable noise-cancelling microphone, and long-lasting battery life, this headset offers versatility and high-fidelity sound. Its ergonomic design ensures comfort during extended gaming sessions.

WHAT'S IN THE BOX

- Rumoon Spark 02 Wireless Gaming Headset
- USB-A Wireless Dongle
- Type-C to 3.5mm Audio Cable
- USB Charging Cable
- User Manual



Figure 1: Headset and included accessories.

PRODUCT FEATURES

- **Dual Wireless and USB Type-C Connectivity:** Supports both 2.4GHz wireless with <20ms low latency and Bluetooth 5.3 with a coverage range of up to 10 meters. Includes wired options and USB Type-C for broad compatibility across gaming consoles, PCs, and mobile devices.
- **Ergonomic Design:** Features skin-friendly and breathable high-quality ear cushions for long-lasting comfort and prevention of overheating. The flexible, adjustable headband ensures a snug fit for hours of use.
- **Exceptional Surround Sound:** Equipped with 50mm drivers for high-fidelity audio, rich bass, and clear highs, creating an immersive listening experience. 32Ω impedance ensures optimal performance.
- **Adjustable and Detachable Mic:** Foldable, 360° adjustable microphone with a frequency response of 20Hz – 20kHz for clear, rich, and natural voice transmission, enhancing team communication.
- **45H Continuous Battery Life:** Provides up to 45 hours of battery life after just 3 hours of charging, minimizing downtime.

CONTROLS AND INDICATORS

The Rumoon Spark 02 headset features intuitive controls for easy management of audio settings and communication.

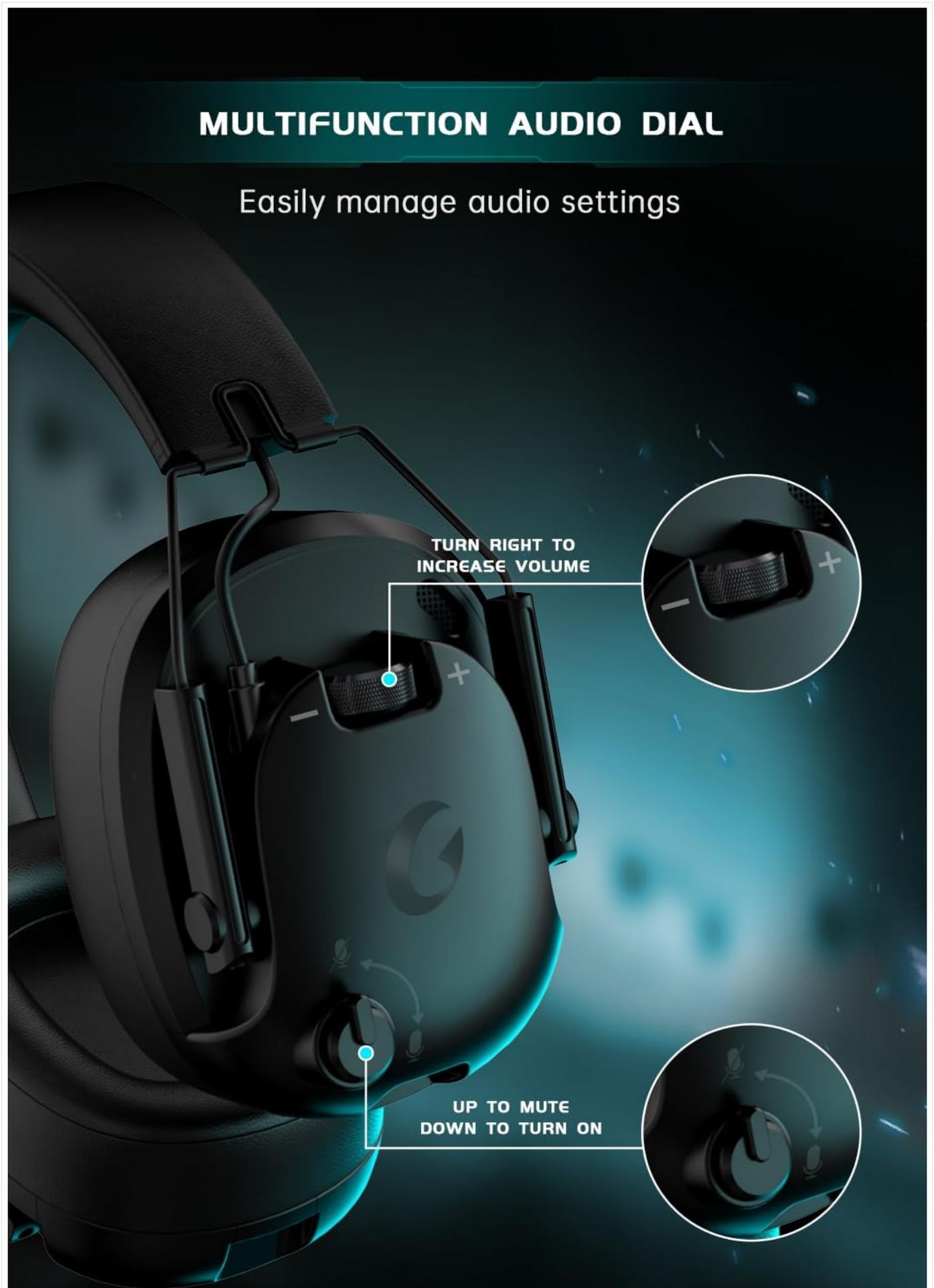


Figure 2: Multifunction Audio Dial and Microphone Controls.

- **Volume Dial:** Located on the earcup, turn right to increase volume, turn left to decrease.
- **Microphone Mute/Unmute:** The detachable microphone can be flipped up to mute and down to unmute.
- **Power Button:** Used to power the headset on/off and initiate pairing.
- **Charging Port:** USB Type-C port for charging the headset.

SETUP

Initial Charging

Before first use, fully charge the headset. Connect the provided USB charging cable to the headset's Type-C port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). A full charge takes approximately 3 hours and provides up to 45 hours of usage.

45H OF LONG-LASTING BATTERY LIFE



 40-45 Hrs Gaming Time	 < 3% Battery Voice Alert	 3 Hrs Charging Time	 1050mAh Battery Capacity
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Figure 3: Headset Battery Life.

Microphone Attachment

Attach the detachable microphone to the designated port on the left earcup. Ensure it is securely inserted for proper function.

OPERATING INSTRUCTIONS

Power On/Off

- **To Power On:** Press and hold the Power button until the indicator light illuminates.
- **To Power Off:** Press and hold the Power button until the indicator light turns off.

Adjusting Volume

Use the volume dial on the earcup to adjust the audio output level. Rotate clockwise to increase volume and counter-clockwise to decrease.

Using the Microphone

Once attached, position the flexible microphone closer to your mouth for optimal voice pickup. Flip the microphone arm up to mute your voice and down to unmute.



Figure 4: Detachable ENC Noise-Cancelling Microphone.

CONNECTIVITY MODES

The Rumoon Spark 02 offers versatile connectivity options to suit various gaming and media devices.

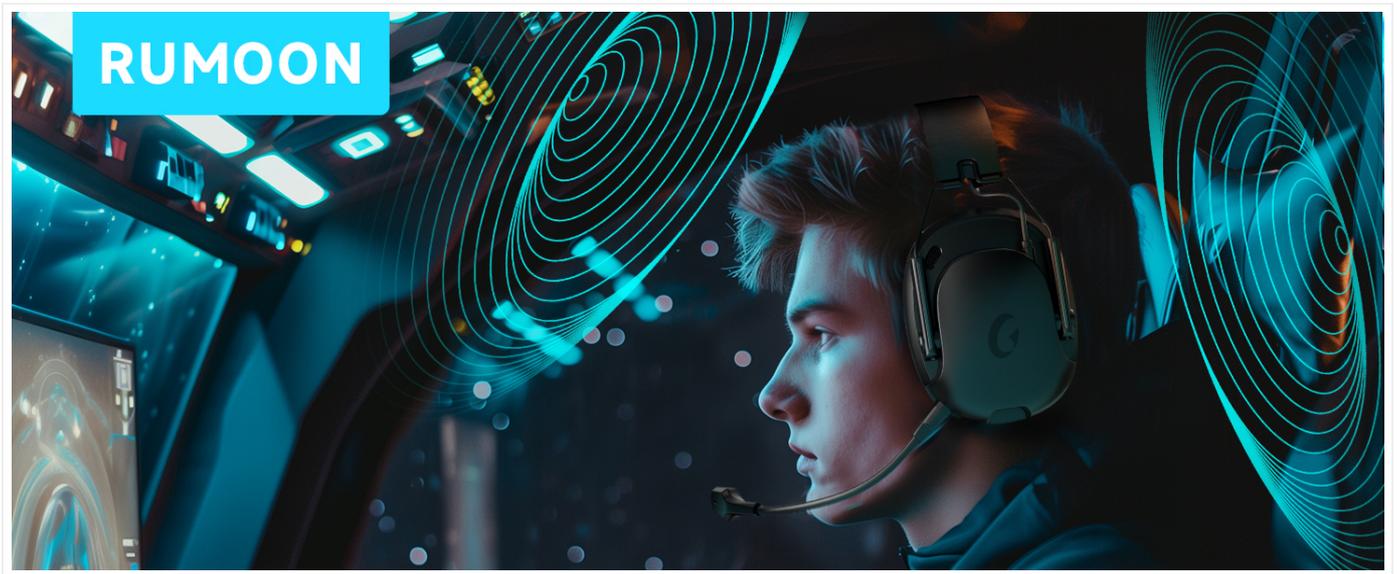


Figure 5: Four Connectivity Modes.

2.4GHz Wireless Mode

This mode provides low-latency wireless audio, ideal for gaming. Insert the USB wireless dongle into a compatible device.

- **USB Type-A Dongle:** Compatible with PS4/PS5, Notebooks, Desktops, and Nintendo Switch (in docked mode).
- **USB Type-C Dongle:** Compatible with PS4/PS5, Notebooks, MAC, Phones, and Pads.
- *Note: Wireless mode is not compatible with Xbox Series consoles.*

2.4GHZ HIGH-SPEED WIRELESS TRANSMISSION

Delays < 20ms, accessible connection < 49ft

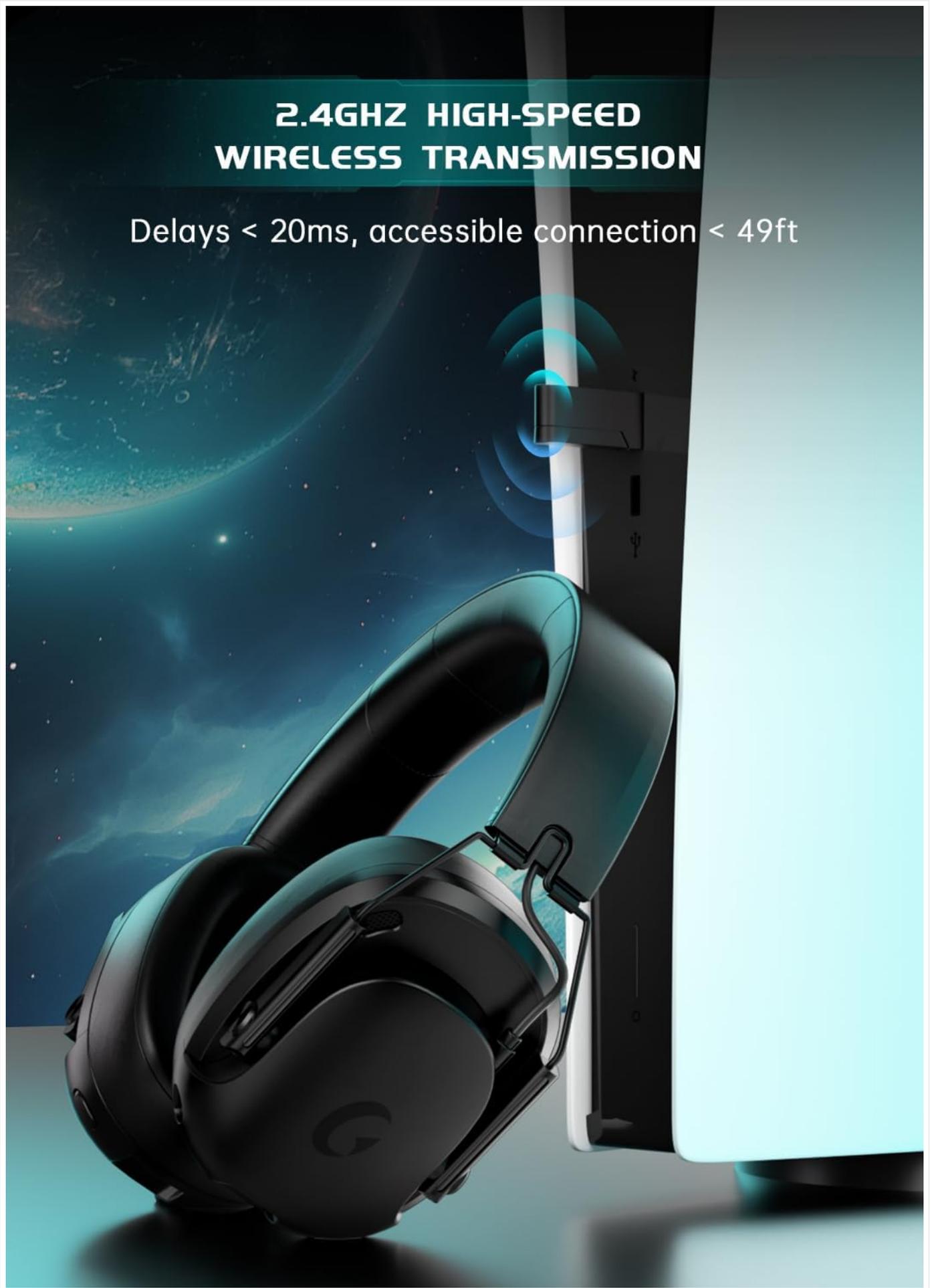


Figure 6: 2.4GHz Wireless Connection.

Bluetooth 5.3 Mode

For mobile devices and other Bluetooth-enabled platforms, use Bluetooth 5.3 for a stable connection up to 10 meters.

- **Pairing:** With the headset powered on, activate Bluetooth pairing mode (refer to device-specific instructions). Select "Rumoon Spark 02" from your device's Bluetooth list.
- **Compatible Devices:** Phones, Pads, Laptops.
- *Note: Wireless mode is not compatible with Xbox Series consoles.*

3.5mm Wired Mode

For universal compatibility or when battery is low, use the 3.5mm audio cable.

- **Connection:** Plug one end of the Type-C to 3.5mm audio cable into the headset and the other end into your device's 3.5mm audio jack.
- **Compatible Devices:** All platforms, including Xbox Series consoles (which only support wired connections).

Compatibility Overview

The table below summarizes voice and microphone compatibility across different modes and devices.

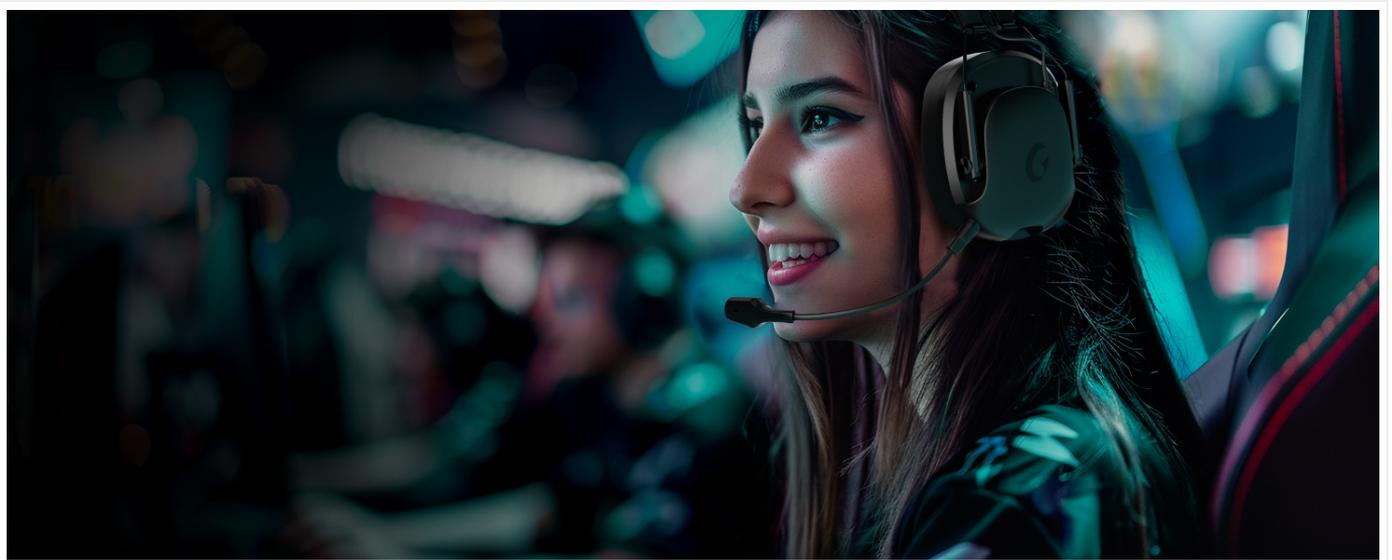


Figure 7: 3-Mode Compatibility Table.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the headset. For ear cushions, a slightly damp cloth can be used, but ensure they are completely dry before use. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. The headset features a space-saving foldable design for convenient storage.
- **Ear Cushions:** The ear cushions are made from skin-friendly and breathable material. Regular cleaning helps maintain hygiene and comfort.

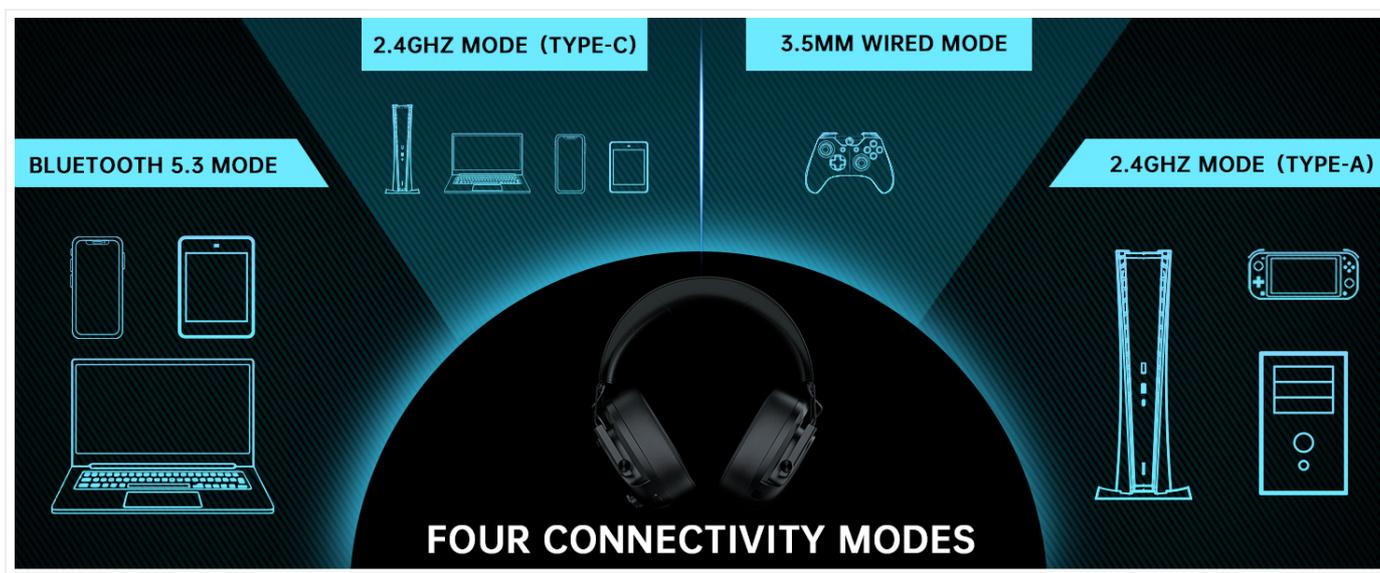


Figure 8: Comfortable Headset Arrangement with Breathable Material.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	Headset not powered on; Volume too low; Incorrect audio output selected on device; Headset not paired/connected.	Ensure headset is powered on. Increase volume. Check device's audio settings. Re-pair/reconnect the headset.
Microphone Not Working	Microphone muted; Microphone not properly attached; Incorrect input device selected; Application microphone settings.	Flip microphone arm down to unmute. Ensure microphone is securely attached. Check device's sound input settings. Adjust microphone settings within the application (e.g., Discord).
Connection Issues (Wireless/Bluetooth)	Out of range; Interference; Low battery; Pairing issue.	Move closer to the device. Avoid sources of interference (e.g., other wireless devices). Charge the headset. Re-initiate pairing process.
Audio Quality Issues (e.g., pixelated sound)	Low battery; Charging while in use (as noted in reviews).	Ensure headset is fully charged. If charging, try unplugging the charger or switching audio input in PC settings if experiencing issues.
Headset feels too tight	New headset, needs breaking in.	Wear the headset for extended periods to allow it to conform to your head. Some users suggest placing it over a head-sized object when not in use to help stretch it.

SPECIFICATIONS

Brand	Rumoon
Model Name	Spark 02

Connectivity Technology	Wired, Wireless (2.4GHz, Bluetooth 5.3)
Ear Placement	Over Ear
Audio Driver Size	50 Millimeters
Impedance	32 Ohm
Frequency Response	20 Hz - 20,000 Hz
Battery Life	Up to 45 Hours
Charging Time	Approx. 3 Hours
Microphone	Detachable, Omnidirectional Noise-Cancelling
Material	Faux Leather (ear cushions)
Item Weight	0.45 Kilograms (15.8 ounces)
Compatible Devices	Cellphones, Tablets, Laptops, PS5, PS4, PC, Nintendo Switch, Mac (Xbox Series via wired only)

OFFICIAL PRODUCT VIDEO



This video provides an overview of the Rumoon wireless gaming headset, highlighting its key features and design.

WARRANTY AND SUPPORT

The Rumoon Spark 02 Wireless Gaming Headset comes with a standard manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please visit the official Rumoon website or contact their customer service directly.

You can find more information and support at the [Rumoon Store on Amazon](#).

