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JBL JBLQUANTUM810BLKAM

JBL Quantum 810 Wireless Gaming Headset User Manual

Wireless over-ear performance gaming headset with Active Noise Cancelling and Bluetooth, 43 hours of battery life, Hi-Res 50mm drivers (Black)

INTRODUCTION

The JBL Quantum 810 Wireless headset is designed to elevate your gaming experience with superior audio performance. Featuring Hi-Res certified JBL QuantumSOUND, it ensures every audio detail is crystal clear. With JBL QuantumSURROUND, you get an immersive, multichannel 3D audio experience. The headset offers comfortable leather-wrapped memory foam ear cushions and extended battery life, allowing for prolonged gaming sessions.

WHAT'S IN THE BOX

Upon unboxing your JBL Quantum 810 Wireless headset, you will find the following components:

- JBL Quantum 810 Wireless Headphones
- Charging Cable (USB-C)
- Audio Cable (3.5mm)
- USB Wireless Dongle
- Windshield foam for microphone
- Warranty Card
- Safety Sheet

PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your JBL Quantum 810 Wireless headset.



Figure 1: Front view of the JBL Quantum 810 Wireless headset, showcasing its sleek black design and illuminated JBL logo on the earcups.



Figure 2: Side view of the headset with the microphone extended, displaying orange LED lighting on the earcups.



Figure 3: View of the inside of the earcups, clearly marked with 'L' for left and 'R' for right for proper wearing.

Controls and Indicators:

- **Microphone:** Flexible boom microphone with flip-up-to-mute function.
- **Volume Dial:** Adjusts overall audio volume.
- **Game/Chat Balance Dial:** Allows adjustment between game audio and chat audio levels.
- **Power Button:** Turns the headset on/off.
- **Bluetooth Button:** Activates Bluetooth pairing mode.
- **ANC Button:** Toggles Active Noise Cancelling on/off.
- **Microphone Mute Button:** Mutes/unmutes the microphone.
- **USB-C Port:** For charging the headset.
- **3.5mm Audio Jack:** For wired connection.
- **LED Indicators:** Provide status information for power, battery, and connection.

SETUP

1. Charging the Headset

Before first use, fully charge your JBL Quantum 810 Wireless headset. Connect the included USB-C charging cable to the headset's USB-C port and the other end to a power source (e.g., computer USB port or USB wall adapter). The LED indicator will show charging status. A full charge provides up to 30 hours of battery life. You can continue to use the headset while it is charging.

2. Connecting to Devices

The JBL Quantum 810 Wireless offers dual wireless connectivity (2.4GHz and Bluetooth 5.2) and a wired 3.5mm connection.

2.1. 2.4GHz Wireless Connection (PC, Gaming Consoles)

1. Insert the USB Wireless Dongle into an available USB port on your PC or compatible gaming console.
2. Power on your JBL Quantum 810 Wireless headset.
3. The headset will automatically connect to the dongle. The LED indicator on the dongle and headset will confirm a successful connection.
4. On your device, ensure the JBL Quantum 810 Wireless is selected as the default audio output and input device.

2.2. Bluetooth Connection (Mobile Devices, etc.)

1. Power on your JBL Quantum 810 Wireless headset.
2. Press and hold the Bluetooth button on the headset until the LED indicator flashes rapidly, indicating pairing mode.
3. On your mobile device, navigate to Bluetooth settings and select "JBL Quantum 810 Wireless" from the list of available devices.
4. Once paired, the LED indicator on the headset will turn solid blue.

2.3. Wired 3.5mm Connection

1. Connect one end of the 3.5mm audio cable to the headset's 3.5mm audio jack.
2. Connect the other end to the 3.5mm audio output on your device.
3. The headset will function in passive mode (without power) when connected via 3.5mm.

OPERATING THE HEADSET

Basic Functions:

- **Power On/Off:** Press and hold the Power button for 2 seconds.
- **Volume Control:** Rotate the Volume dial up or down to adjust the master volume.
- **Microphone Mute/Unmute:** Flip the microphone boom up to mute, or press the Microphone Mute button. Flip down or press again to unmute.
- **Game/Chat Balance:** Use the Game/Chat Balance dial to prioritize game audio or chat audio.

Advanced Features:

- **Active Noise Cancelling (ANC):** Press the ANC button to toggle Active Noise Cancelling on or off. This feature reduces ambient background noise for a more focused audio experience.
- **JBL QuantumSURROUND / DTS Headphone:X v2.0:** These spatial sound technologies provide an immersive 3D audio experience. Activate and configure these features through the JBL QuantumENGINE software on your PC for optimal performance.
- **Dual Source Audio:** The headset supports simultaneous connection via 2.4GHz wireless and Bluetooth, allowing you to hear audio from two sources at once (e.g., game audio from PC and calls from your phone).



Figure 4: Two users engaged in a gaming session, demonstrating the comfortable fit and wireless freedom of the JBL Quantum 810 Wireless headset.



Figure 5: A single user immersed in a game, highlighting the headset's ability to provide a distraction-free audio environment.

MAINTENANCE

Proper care and maintenance will extend the life of your JBL Quantum 810 Wireless headset.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the headset. For ear cushions, gently wipe with a damp cloth and mild soap solution if necessary, then dry thoroughly. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. When not in use, it is recommended to store it in a protective case to prevent dust accumulation and physical damage.
- **Battery Care:** To maintain battery health, avoid fully discharging the battery frequently. Charge the headset regularly, even if not in constant use.
- **Microphone Care:** Ensure the windshield foam is properly placed on the microphone to reduce plosives and protect the mic.

TROUBLESHOOTING

If you encounter issues with your JBL Quantum 810 Wireless headset, refer to the following common problems and solutions:

Problem	Possible Solution
No audio or low volume	<p>Check the volume dial on the headset and your device.</p> <p>Ensure the headset is properly connected (2.4GHz dongle, Bluetooth, or 3.5mm cable).</p> <p>Verify that the JBL Quantum 810 Wireless is selected as the default audio output device in your system settings.</p> <p>Re-pair the headset if using Bluetooth or 2.4GHz wireless.</p>
Microphone not working	<p>Ensure the microphone is not muted (check the mute button and boom position).</p> <p>Verify that the JBL Quantum 810 Wireless is selected as the default input device in your system settings.</p> <p>Check if the windshield foam is obstructing the microphone.</p>

Problem	Possible Solution
Intermittent connection or audio dropouts	<p>Ensure the headset is within range of the 2.4GHz dongle or Bluetooth device.</p> <p>Minimize interference from other wireless devices.</p> <p>Try connecting the dongle to a different USB port.</p> <p>Ensure the headset is fully charged.</p>
Active Noise Cancelling (ANC) not effective	<p>Ensure the ANC feature is toggled on using the dedicated button.</p> <p>Adjust the headset fit to ensure a good seal around your ears.</p>

For more detailed troubleshooting or persistent issues, please refer to the official JBL support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Name	Quantum 810
Connectivity Technology	Wireless, Wired (2.4GHz, Bluetooth 5.2, 3.5mm Jack)
Noise Control	Active Noise Cancellation
Audio Driver Type	Dynamic Driver (50mm)
Frequency Range	20 Hz - 40 kHz
Sensitivity	95 dB
Impedance	32 Ohm
Battery Life	Up to 30 Hours (with RGB off)
Charging Time	Approx. 3 hours for full charge
Bluetooth Version	5.2
Bluetooth Range	Up to 100 Meters (line of sight)
Ear Placement	Over Ear
Material	Leather (ear cushions)
Item Weight	907 Grams (approx. 2 pounds)
Compatible Devices	PC, Gaming Consoles, Mobile Devices

WARRANTY AND SUPPORT

Your JBL Quantum 810 Wireless headset comes with a manufacturer's warranty. Please refer to the included Warranty Card and Safety Sheet for detailed terms and conditions regarding your product's warranty coverage.

For technical support, product registration, or to inquire about additional accessories, please visit the official JBL support website or contact their customer service department. Contact information can typically be found on the warranty card or the brand's official website.

Note: Keep your purchase receipt as proof of purchase for warranty claims.

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