



# QUANTUM 800

Wireless over-ear performance gaming headset with Active Noise Cancelling and Bluetooth 5.0



## Sound is Survival.

Stay one step ahead of the competition. The JBL Quantum 800 headset gives you the edge with accurate spatial audio positioning, lossless 2.4GHz, and Bluetooth dual-wireless capability, Active Noise Cancelling, memory-foam comfort, and 14-hour battery life. Designed for total immersion, JBL QuantumSOUND Signature gives you a true audio advantage in battle. The microphone delivers clear multiplayer interactions, with a DISCORD-certified game-chat system, also compatible with TeamSpeak, and more. An ergonomic design with leather-wrapped, memory foam cushions keeps you comfortable for hours. The JBL Quantum 800 headset helps you level up, whether you're a seasoned pro or new to the game.

## Features

- ▶ Audio precision, designed for gamers
- ▶ Be at the center of the game with Hi-Res certified JBL QuantumSOUND Signature
- ▶ Dual wireless-equipped for lossless audio freedom (\*)
- ▶ Play even longer
- ▶ Active Noise Cancelling tuned for gaming
- ▶ Compatible with all gaming platforms
- ▶ Be heard with the voice focus boom mic
- ▶ DISCORD Certified game-chat balance dial
- ▶ Powerful JBL QuantumENGINE PC software suite customization



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## Features and Benefits

### Audio precision, designed for gamers

Get the game's most immersive and accurate surround sound. JBL QuantumSURROUND™ puts you at the center of an immersive experience, allowing you to up your game and triumph over the competition. Also equipped with DTS headphone:X v2.0. Available exclusively on PC.

### Be at the center of the game with Hi-Res certified JBL QuantumSOUND Signature

From the tiniest footsteps to the loudest explosion, the JBL Quantum 800 headset makes every scene epic and every gamer more competitive. Our signature audio – powered by Hi-Res certified 50mm drivers and the JBL QuantumSOUND Signature – delivers the most realistic soundscape for a competitive advantage in any battle.

### Dual wireless-equipped for lossless audio freedom (\*)

Get up for a snack without ever taking off your headset. JBL Quantum 800 headsets are gaming-grade, lossless 2.4GHz, and Bluetooth 5.0 dual wireless audio equipped, complete with a 14-hour battery life.

### Play even longer

The lightweight, ventilated headband, and premium leather-wrapped, memory foam ear cushions are designed for even the longest gaming sessions.

### Active Noise Cancelling tuned for gaming

Designed for gaming environments, the Active Noise Cancelling system eliminates unwanted background sounds so you can stay fully engaged in combat without distractions.

### Compatible with all gaming platforms

The JBL Quantum 800 headset is compatible via 2.4GHz wireless connection on PC, PS4, Mac and VR. Compatible via 3.5mm audio jack with PC, PlayStation™, Xbox™, Nintendo Switch™, Mobile, Mac and VR. You can connect via Bluetooth 5.0 to any Bluetooth enabled device. The JBL QuantumSURROUND is only available on PC. Check the connectivity guide for compatibility.

### Be heard with the voice focus boom mic

Echo-cancelling technology makes sure you're heard loud and clear when rallying the troops or opponents. Or not. The Quantum 800 features a 2-way mute possibility. Just flip up the adjustable boom mic to mute your voice or press the button built into the ear cup.

### DISCORD Certified game-chat balance dial

DISCORD-certified Game Audio-chat balance dial lets you adjust audio levels on the fly. Separate sound cards handle game and chat audio, allowing you to set the proper balance on the headset without having to leave the game. Also compatible with TeamSpeak, Skype, and other services.

### Powerful JBL QuantumENGINE PC software suite customization

JBL's unique JBL QuantumENGINE PC software powers the immersive surround sound. Select your preferred surround sound settings and personalize your JBL Quantum 800 gaming headset from a user-friendly dashboard, creating separate profiles and RGB effects, and modifying microphone settings. You can also adjust the equalizer or choose from 6 presets.

(\*) Check connectivity guide for compatible platforms

## What's in the box:

JBL Quantum 800 headset  
USB charging cable  
3.5mm audio cable  
USB wireless dongle  
Windshield foam for microphone  
QSG / Warranty card / Safety sheet

## Technical specifications:

- ▶ Driver size: 50mm dynamic drivers
- ▶ Frequency response (Passive): 20Hz – 40kHz
- ▶ Frequency response (Active): 20Hz – 20kHz
- ▶ Microphone frequency response: 100Hz – 10kHz
- ▶ Max input power: 30mW
- ▶ Sensitivity: 95dB SPL @1kHz/1mW
- ▶ Maximum SPL: 93dB
- ▶ Microphone sensitivity: -40dBV @1kHz/Pa
- ▶ Impedency: 32 ohm
- ▶ 2.4G Wireless transmitter power: <0dBm
- ▶ 2.4G Wireless modulation: π/4-DQPSK
- ▶ 2.4G Wireless carrier frequency: 2403.35MHz – 2479.35MHz
- ▶ Bluetooth transmitted power: <9dBm
- ▶ Bluetooth transmitted modulation: GFSK, π/4 DQPSK, 8DPSK
- ▶ Bluetooth frequency: 2.402GHz – 2.480GHz
- ▶ Bluetooth profile version: A2DP 1.3, HFP 1.6
- ▶ Bluetooth version: V5.0
- ▶ Battery type: Li-ion battery (3.7V/1300mAh)
- ▶ Power supply: 5V 2A
- ▶ Charging time: 2 hrs
- ▶ Music play time with RGB lighting off: 14 hrs
- ▶ Microphone pickup pattern: Unidirectional
- ▶ Weight: 410g



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