



# QUANTUM 600

Wireless over-ear performance gaming headset with surround sound and game-chat balance dial



## Sound is Survival.

Designed for immersion and performance, the JBL Quantum 600 2.4GHz wireless gaming headset gives you a clear edge over the competition with accurate and immersive sound. JBL QuantumSURROUND™ sound replicates a wider, more realistic spatial environment on your PC, so you never miss a detail. The voice focus boom mic enables clear communication with other players, while a DISCORD-certified game audio-chat balance dial allows you to easily balance chat and game audio levels. Leather-wrapped, memory foam ear cushions keep you comfortable, while a 14-hour battery life enables cord-free, long-lasting gaming sessions. Dominate your opponents and gain a clear audio advantage with JBL Quantum 600 headset.

## Features

- ▶ Live the game with JBL QuantumSURROUND™ and DTS
- ▶ Be at the center of the game with JBL QuantumSOUND Signature
- ▶ Lossless 2.4GHz wireless headset
- ▶ Durable and lightweight to let you play even longer
- ▶ Be heard with the voice focus flip-up boom mic
- ▶ Game-chat balance dial for seamless communications
- ▶ Switch between all your favorite platforms
- ▶ User-friendly JBL QuantumENGINE PC software suite



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## Features and Benefits

### Live the game with JBL QuantumSURROUND™ and DTS

Through advanced algorithms, JBL QuantumSURROUND™ simulates stunning multi-channel audio to create an incredibly realistic spatial soundstage for cinematic levels of immersion and a true audio edge over the competition. Also equipped with DTS headphone:X v2.0. Available only on PC.

### Be at the center of the game with JBL QuantumSOUND Signature

From the tiniest footsteps to the loudest explosion, JBL QuantumSOUND Signature makes every scene epic and every gamer more competitive. The 50mm neodymium drivers deliver a sound curve designed specifically for gaming. Immerse yourself in the most realistic soundscape for a competitive advantage in any battle.

### Lossless 2.4GHz wireless headset

Get up for a snack without ever taking off your headset. JBL Quantum 600 is a gaming-grade, lossless 2.4GHz wireless headset complete with a 14-hour battery life.

### Durable and lightweight to let you play even longer

The lightweight, durable headband and leather-wrapped memory foam ear cushions were designed for even the longest gaming sessions. Detachable ear cushions make the headset easy to clean.

### Be heard with the voice focus flip-up boom mic

JBL Quantum 600 headset lets you rally the troops and opponents with clarity. The flip-up, voice focus boom mic enables crystal clear communication and comes with auto on/off and several mute options.

### Game-chat balance dial for seamless communications

DISCORD-certified game-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.

### Switch between all your favorite platforms

The JBL Quantum 600 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. The JBL QuantumSURROUND is only available on PC. Check the connectivity guide for compatibility.

### User-friendly JBL QuantumENGINE PC software suite

JBL's unique JBL QuantumENGINE PC software powers the immersive surround sound. Select your preferred surround sound settings and personalize your JBL Quantum 600 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.

## What's in the box:

JBL Quantum 600 headset  
Type-C to Type-A 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: 20Hz – 20kHz
- ▶ Microphone frequency response: 100Hz – 10kHz
- ▶ Max input power: 30mW
- ▶ Sensitivity: 100dB SPL @1kHz/1mW
- ▶ Maximum SPL: 97dB
- ▶ Microphone sensitivity: -40dBV @1kHz/Pa
- ▶ Impedency: 32 ohm
- ▶ 2.4G Wireless transmitter power: <4dBm
- ▶ 2.4G Wireless modulation: π/4-DQPSK
- ▶ 2.4G Wireless carrier frequency: 2403.35MHz – 2479.35MHz
- ▶ 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: 346g

