



# QUANTUM 250

Wired multiplatform gaming headset



## Sound is survival.

Step up your game with the rich sound of the JBL Quantum 250 headset. JBL Quantum Spatial Sound delivers enhanced spatial awareness and audio accuracy. Powered by 50mm carbon dynamic drivers, the JBL Quantum 250 headset drops you right into the middle of the action, giving you the edge you need to maximize your performance. Hear every sound your opponents make, wherever they are in your sound field. With the 6mm Cardioid boom mic, your squad will always hear your instructions loud and clear. Both are optimized by the JBL QuantumENGINE, with gamer-centered audio customization features. All this, plus it connects seamlessly to any gaming platform with the 3.5mm audio cable. Best of all, the cable, microphone, ultra-light hammock, and high-comfort fabric ear cushions are all replaceable, so this will be your favorite headset for a long time to come.

## Features

- ▶ 50mm carbon dynamic drivers for rich JBL Quantum Sound
- ▶ JBL QuantumENGINE
- ▶ JBL Quantum Spatial Sound
- ▶ Cardioid Noise Cancelling boom mic
- ▶ Ultra-light comfortable design
- ▶ Replaceable system
- ▶ Multi-platform compatibility
- ▶ Sustainability



# QUANTUM 250

Wired multiplatform gaming headset



## Features and Benefits

### 50mm carbon dynamic drivers for rich JBL Quantum Sound

Our 50mm dynamic drivers are engineered with a unique carbon damping material for superior performance and low distortion. That means you get the immersive, realistic audio experience you need for your most intense gaming sessions.

### JBL QuantumENGINE

Use your device-specific JBL QuantumENGINE dashboard to customize your preferred sound profile, spot where in-game sounds are coming from with a real-time sound visualizer, reduce keyboard noise, add voice effects, optimize the mic's performance and noise reduction. It works on all platforms and connects all your JBL Quantum headsets simultaneously.

### JBL Quantum Spatial Sound

Next-generation JBL Quantum Spatial Sound is a more natural, accurate, and immersive audio experience. Processing more sound details from your gaming content, it generates reflections and reverberation signals. By applying diverse parameters at different frequency ranges, it creates an altogether more realistic gaming experience.

### Cardioid Noise Cancelling boom mic

The new 6mm unidirectional mic with Cardioid pattern makes sure your team can always hear you loud and clear but doesn't hear your keyboard thanks to the noise reduction technology through JBL QuantumENGINE. And the mic is also detachable for extra convenience.

### Ultra-light comfortable design

The headset's high-quality ultra-light mesh hammock under its soft headband smartly distributes the headset's weight, so it'll stay comfortable all night long. And our fabric ear cushions are designed for total comfort during long sessions.

### Replaceable system

Quickly and easily replace not just the microphone and the cable, but the fabric ear cushions and mesh hammock so your headsets will always look as good as new. Not only do replaceable parts\* keep your JBL Quantum 250 headset working, but they also make your headset more sustainable. (\*spare parts sold separately)

### Multi-platform compatibility

Windows, Mac, PlayStation, Xbox, Nintendo Switch —no problem. The JBL Quantum 250 headset works with them all with the 3.5mm audio cable.

### Sustainability

JBL is committed to making more sustainable products. So the JBL Quantum 250 headset is packaged in FSC-certified paper packaging printed with soy ink. The plastic we use is partly recycled, and the headset's ear cushion, microphone, hammock, and cable can be replaced by the user, which reduces waste.

## Technical Specifications

- ▶ Driver size: 50 mm / 1.97" Dynamic Driver
- ▶ Weight: 282.6 g
- ▶ Cable length: 1.5 m
- ▶ Frequency response: 20 Hz - 40 kHz
- ▶ Max input power: 30 mW
- ▶ Sensitivity: 100 dB SPL@1 kHz
- ▶ Impedance: 32 ohm
- ▶ Microphone frequency response: 50 Hz - 15 kHz
- ▶ Microphone sensitivity: -40 dBV / Pa@1 kHz
- ▶ Microphone pickup pattern: Uni-directional
- ▶ Microphone type: ECM

## What's in the Box

- 1 x JBL Quantum 250
- 1 x Detachable boom microphone
- 1 x Windshield foam for boom microphone
- 1 x 3.5mm audio cable
- 1 x OSG | Warranty card | Warning card



HARMAN International Industries, Incorporated  
8500 Balboa Boulevard, Northridge, CA 91329 USA  
[www.jbl.com](http://www.jbl.com)

© 2025 HARMAN International Industries, Incorporated. All rights reserved. JBL is a trademark of HARMAN International Industries, Incorporated, registered in the United States and/or other countries. Features, specifications and appearance are subject to change without notice.