

JBL redefines gaming audio with JBL Quantum 950, 650 and 250 headsets

New high-frequency driver technology and fresh redesign features throughout the new range



London, UK, 20th August 2025 – JBL unleashes the latest evolution in gaming audio with the release of three new models in the JBL Quantum series, led by the flagship **JBL Quantum 950**. Alongside it, **JBL Quantum 650** and **JBL Quantum 250** bring pro-grade audio technology to players at every level. A fresh new look, next-level comfort, and elite audio precision, JBL Quantum rewrites the rules of the gaming audio experience.

JBL Quantum 950: the ultimate advantage

At the top of the new lineup is the JBL Quantum 950, built from the ground up to give you an edge whether you're climbing leaderboards or exploring cinematic worlds. This multiplatform powerhouse pairs premium sound and comfort with uninterrupted endurance.

Hear every detail, react faster

Under the hood, JBL's brand-new 50mm carbon dynamic drivers deliver rich, Hi-Res Certified Audio and ultra-low distortion. With enhanced high-frequency response, you'll pick up subtle in-game cues like footsteps, reloads, and positional changes that other headsets miss. It's the kind of precision audio once reserved for elite in-ear monitors, now reimaged for immersive, over-ear gaming. Powered by the new JBL QuantumENGINE, Quantum 950 adds JBL Quantum Spatial Sound, 3D head tracking, and active noise cancellation, pulling you deeper into your game world. Stay immersed, focused, and ahead of the competition.

Comfort for marathon sessions

Tired of feeling the pressure? Quantum 950 features a lightweight design and JBL's new patented hammock headband; a breathable mesh suspension that distributes weight evenly beneath a flexible frame. Combined with breathable memory foam ear cushions, the headset feels light, cool, and snug, even in extra-long sessions.

Game-ready communication

Communication is crucial and Quantum 950 upgrades from a 4mm to a 6mm cardioid boom microphone, improving voice clarity and team comms, a must for competitive MOBA and multiplayer gameplay. Integrated AI Noise Reduction, optimised via the JBL QuantumENGINE software, means your teammates hear you, not your keyboard or other background noise.

Unstoppable battery life & total control

Time to reload? No more gaming breaks needed, Quantum 950's hot-swappable dual battery system keeps you going. Swap a depleted battery on the fly, drop it on the included Base Station, and keep playing without interruption. The multipurpose, wireless Base Station acts as a lossless 2.4GHz dongle and gives quick access to lighting and audio settings.

No matter your setup, Quantum 950 adapts. Jump between low-latency 2.4 GHz wireless, Bluetooth 5.3, or wired connectivity. Whether you're gaming on PC, console, or mobile, you're always ready.

Style meets substance

A complete JBL Quantum redesign. New look black or white headsets both feature purple and orange accents, and dynamic RGB lighting with the Base Station, tuned to match your style in the JBL QuantumENGINE. Bold, modern, and designed to level up your setup. Built to look good and built to last. Quantum 950's modular design means every component, from mic, hammock, cable and cushions, is replaceable.

"No competitor offers this level of acoustic technology," said Carsten Olesen, President of Consumer Audio at HARMAN. "Our expertise in audio innovation shines through in the new JBL Quantum headsets and the redesigned JBL QuantumENGINE software. We have developed professional-level gaming audio and made it accessible to everyone."

JBL Quantum 650 and Quantum 250: Pro performance, your way

Looking for versatility with serious gaming audio? **JBL Quantum 650** brings much of the flagship experience, including JBL Quantum Spatial Sound, the new 50mm carbon dynamic drivers, and hot-swappable battery support into a more accessible package. It supports the same flexible connectivity: 2.4 GHz wireless, Bluetooth 5.3, and wired, so you can perform on any platform.

For plug-and-play simplicity, the **JBL Quantum 250** delivers wired performance across PC, Mac, console, and mobile. It's lightweight, comfortable, and built with the same modern, modular design and 50mm precision drivers that define the new JBL Quantum series, ideal for everyday gaming, streaming, or calls.

Feature	JBL Quantum 950	JBL Quantum 650	JBL Quantum 250
Driver size	50mm carbon dynamic	50mm carbon dynamic	50mm carbon dynamic
Spatial sound	Yes, with 3D Head Tracking	Yes	Yes
Wireless connectivity	Dual 2.4 GHz low-latency dongle + Bluetooth® 5.3	Dual 2.4 GHz low-latency dongle + Bluetooth® 5.3	Wired 3.5mm
Wireless Base Station	Yes, with controls for RGB lighting, EQ	No	No

	presets, and game-chat balance		
Active Noise Cancellation	Yes, Adaptive Noise Cancelling and Ambient Aware mode	No	No
RGB lighting	Yes, on the base station	No	No
Mic	6mm Boom Mic	6mm Boom Mic	6mm Boom Mic
Battery life	25 hours per battery, supplied with 2 batteries	45 hours per battery	N/A
Replaceable battery	Yes, hot swappable with spare included	Yes	N/A
Replaceable Components	Mic, cushions, cable, hammock, earcup cover	Mic, cushions, cable, hammock, earcup cover	Mic, cushions, cable, hammock
Zoom Certified	Yes	Yes	No
Colours	Black, White	Black, White, Purple, Teal	Black, White, Purple, Teal
Price	£299.99/€349.99	£129.99/€149.99	£49.99/€59.99

About JBL

For over 75 years, JBL has shaped life's most memorable moments at the intersection of music, lifestyle, gaming and sports. JBL elevates listening experiences with superior audio quality and product designs that encourage individuality and self-expression. With unmatched professional credentials and industry-leading innovation, JBL is a trailblazer in the audio industry because of passionate and talented engineers and designers around the globe. JBL Pro Sound is the foremost technology pushing culture forward through major pop culture events and partnerships with the world's top talent across music, sports and esports.