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Hear More. See More. React Faster: JBL rolls out major QuantumENGINE update



- AI-powered Footstep Booster (Coming Q4 2026)
- Game-centric user profiles (Live now)
- Automatic game detection (Coming Q3 2026)
- Base Station as a game-aware control hub (Coming Q3 2026)
- Macro programming via Base Station (Coming Q3 2026)
- Remote control on the same network (Live now)
- Nanoleaf® lighting integration (Coming Q4 2026)

AI-powered Footstep Booster: A game-aware audio enhancement that continuously analyzes gameplay audio to identify critical sounds from footsteps and voices to gunshots and explosions. Audio clarity is sharpened, improving directionality of enemy footsteps in leading FPS titles for faster reaction times, without compromising audio quality.

Game-centric user profiles: Provide optimized sound configurations for top games, helping players gain a competitive advantage and delivering a more immersive gaming experience. Profiles apply optimized EQ, JBL Quantum Spatial Sound, mic, and control settings. Profiles now sync across Windows, macOS, iOS, and Android when signed into the same account, and existing device-stored settings are preserved rather than overwritten if a conflict arises.

Automatic game detection: Instantly recognizes supported titles at launch and loads the matching pre-made sound profile automatically, no manual adjustments, no configuration hassle, just the right settings at the right time.

Base Station* as a game-aware control hub: Turns Base Station into a control center for the JBL Quantum ecosystem. Gamers with multiple JBL Quantum devices (e.g. Quantum 950 + Quantum Stream Studio) can control them all directly from the Base Station, without opening the QuantumENGINE dashboard, switching Spatial Sound or Mic EQ presets on the fly between gaming and streaming.

Macro programming via Base Station: Custom macros can be assigned to the Base Station knob, automating repetitive in-game action sequences from a single button press.

Remote control on the same network: Players can now adjust QuantumENGINE features, including EQ presets, Spatial Sound, mic volume, mic EQ, and Game & Chat balance, from their phone without leaving the game. No login required; one-click connect for same-account users, or QR-code pairing for others. Supports landscape and portrait mode.

Nanoleaf® lighting integration:** Extend QuantumENGINE game-themed lighting configs to Nanoleaf products such as Shapes and Blocks, taking the gaming experience beyond audio and into the wider room. This creates a more immersive visual environment that draws players deeper into the game

* Base Station is available with JBL Quantum 950

** Compatible with selected Nanoleaf® products



ORIGINAL URL

<https://news.jbl.com/en-CEU/269356-hear-more-see-more-react-faster-jbl-rolls-out-major-quantumengine-update/>

ABOUT JBL

For over 80 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.



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