



Audioscenic Amphi® 3D sound

accelerated by **intel.**

An adaptive 3D sound renderer with AI Position Sensing

Audioscenic Amphi 3D sound renders true-to-life, high accuracy spatial audio over 2-channel speaker systems, and now over multichannel systems with Amphi Hi-D. For product makers, Amphi offers a total spatial audio solution including a full set of tools to maximize sound playback quality. Now optimized for Intel platforms, Amphi machine learning models that power position-sensing can run up to 6-7X faster when moving from CPU to NPU.¹ This performance boost enables the use of larger models and higher image resolution, resulting in best-in-class 3D soundfield imaging.

Key Features

AI Position Sensing (NPU)	ToF, IR, Webcam Support	Adaptive Beamforming	Multi-channel CTC
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Vertical Markets:

- Automotive
- Hospitality
- Retail

Use Case:

- Interactive Media
- Situational Monitoring

Country/Geo:

- Worldwide



Optimizing Amphi for Intel's powerful NPUs reduced CPU usage by 80%. With this achievement in efficiency, Amphi runs without causing overhead, and end users can enjoy a seamless Amphi immersive sound experience.”¹

Marcos Simon
CTO and Co-founder, Audioscenic

Intel Products and Technologies

- [Intel® Core™ Ultra Processors](#)
- [OpenVINO™ Toolkit](#)

Learn more:

- [Audioscenic Website](#)
- [Audioscenic Amphi® 3D Sound Web Page](#)

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