FULL-STACK AUDIO TECHNOLOGY SOLUTIONS

Pro Audio for Product Makers

Hear360 is on a mission to bring pro audio artistry, precision, and technical advancement to the everyday experience of sound.

ABOUT HEAR360

Hear360 is a full-stack audio technology solutions provider. The company licenses a portfolio of studio-grade processing technologies supported by custom audio engineering services for product makers across high-growth markets including game audio peripherals, personal electronics, and in-flight entertainment systems. Founded by GRAMMY Award®-winning and nominated engineers Matt Marrin and Greg Morgenstein, with studio labs in Coachella and Santa Monica, California, Hear360's customers include global brands like HP/HyperX and Panasonic Avionics.

BACKGROUNDER

Matt Marrin and Greg Morgenstein met at The Village in Los Angeles in the late 1990s and built careers on GRAMMY Award-winning and nominated records and film sound. In the mid-2000s they turned their critical listening to spatial audio: HRTF virtualization research at GenAudio, 7.1.4 mixes for DTS Headphone:X, and speaker tuning for Sonos. They founded Hear360 in 2016 to build HRTFs that put sound quality first, and commercialized the patented 8Ball head-trackable microphone during the rise of VR. Today Hear360's full DSP portfolio, from spatial rendering to neural network voice processing, is designed into products from HP/HyperX and Panasonic Avionics.

THE HEAR360 SOLUTION

Hear360 licenses studio-grade processing to product makers for both sides of the audio chain: spatial rendering and output processing for playback, and neural network voice processing for capture. Signal chains are designed and tuned in the Hear360 Workstation, then run on the product through the Hear360 runtime engine. Engineering services support each product from evaluation through mass production.

Output processing. Format-neutral spatial rendering of stereo through 7.1.4 on headphones, with upmixing, head-tracking and personalized HRTFs.

Input processing. A configurable voice chain for noise reduction, echo cancellation, tone and dynamics, with neural network models trained in-house.

Workstation and golden-ears tuning. Hear360's fully documented tuning console, with custom chains tuned by GRAMMY Award-winning and nominated engineers.

Engineering services. Integration, performance optimization, sensor fusion, QA, and Microsoft Teams and Zoom pre-certification.

Platforms. Production-ready Windows APOs; SDKs for Windows, macOS, Android and iOS; SoC and MCU integrations including Airoha and Renesas.

FACT SHEET

FOUNDED
2016

HEADQUARTERS
Coachella Valley, California, with a second studio lab in Santa Monica

LEADERSHIP
Matt Marrin, Co-founder and CEO
Greg Morgenstein, Co-founder and CTO

CUSTOMERS
HP/HyperX, Panasonic Avionics

MARKETS
Gaming peripherals, in-flight entertainment systems, personal electronics

PATENTS
Four US patents, inventor Matt Marrin

DIVISION
Department of Sound, professional plugins and studio tools

ADVISORS
Robert Margouleff, music producer
Sam Berkow, acoustician
Dave Sorbara, entrepreneur, investor and creator

NAME STYLE
Hear360 in running text. HEAR360 is the wordmark only.

ONLINE
hear360.com
linkedin.com/company/hear360

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MATT MARRIN AND GREG MORGENSTEIN AT THE MIXING DESK IN THE INDIO STUDIO



CO-FOUNDER AND CEO

Matt Marrin

Matt Marrin is co-founder and CEO of Hear360. After graduating from Berklee College of Music, he moved to Los Angeles and started as a runner, then worked as an assistant engineer on records by Rage Against the Machine, Ringo Starr and Luther Vandross. As engineer for Jimmy Jam and Terry Lewis, he went on to mix records for Janet Jackson, Usher and Chaka Khan. He won a GRAMMY Award for Best R&B Album with Chaka Khan's *Funk This*, and worked on Album of the Year nominees by Usher and Gwen Stefani. Marrin then moved into spatial audio research and development, validating HRTF virtualization with consumer electronics partners including Klipsch and Qualcomm. He also mixed 7.1.4 content for DTS Headphone:X. He is the named inventor on four US patents in binaural capture and spatial audio virtualization.



CO-FOUNDER AND CTO

Greg Morgenstein

Greg Morgenstein is co-founder and CTO of Hear360. He studied at the Museum School in Boston and earned a dual major in Jazz Composition and Performance at Berklee College of Music. In Los Angeles he worked in post-production as a sound designer, composer and music editor, including two and a half years on *Moulin Rouge!* He later ran the Pro Tools systems at The Village. His record credits include Guns N' Roses' *Chinese Democracy* and Nelly's *Nellyville*, a GRAMMY nominee for Album of the Year. As lead engineer at GenAudio, Morgenstein built the Russ Berger-designed 7.1 reference studio where he and Marrin validated HRTF virtualization for consumer electronics partners. At Hear360, he leads engineering, including DSP development and the company's AI development tooling.

"By teaming up with HEAR360, we're able to bring cutting-edge technology to our community, providing a deeply realistic, highly refined experience in NGENUITY that helps gamers stay one step ahead."

Josephine Tan, Senior Vice President & General Manager, Gaming Personal Systems, HP · 2026

"Spatial Audio provides passengers with a comparable experience to a home theater system they would enjoy on the ground…"

Andy Masson, Vice President, Product Management, Panasonic Avionics · May 2023

"Hear360 is essentially bringing that studio perspective into the product-development process, combining signal processing with the subjective tuning decisions required to make a spatial system work convincingly for an actual listener."

audioXpress · October 2026

RECENT NEWS

PRESS RELEASE · HP · APRIL 30, 2026
Spring Into Gaming: HyperX Expands Its Gaming Peripherals and Software Ecosystem

AUDIOXPRESS · OCTOBER 1, 2026
Hear360 Brings Studio-Grade Spatial Audio Engineering to the Audio Foundry Automotive Collaborative, by João Martins

GAMESBEAT · MAY 2025
Hear360 brings spatial audio and microphone processing to HyperX peripherals, by Dean Takahashi

LOGO USE

Use the HEAR360 wordmark horizontally, in black or white only, and unaltered. Keep clear space of half the logo height on all sides, and a minimum width of 100 px.

Logo files and high-resolution photos are available from the media contact.