IDL 7.0.4 Immersive Recording Array

Immersive Design Labs (IDL), a pioneer in spatial audio capture and immersive microphone technology, will make its AES Show debut at the Long Beach Convention Center, October 23–25, 2025. Attendees are invited to visit Booth 105 for on-site listening demonstrations featuring recordings captured with the IDL 7.0.4 Immersive Recording Array and IDL-series microphones, offering a firsthand sense of the company’s approach to real-world immersive recording.

Designed to simplify the complex process of immersive audio capture, the IDL 7.0.4 Array delivers full-spectrum 3D imaging without the need for object-based manipulation or synthetic re-panning. Using a geometric array, matched capsule architecture, the calibrated system captures direct and ambient sound energy, empowering engineers to mix the natural environment for Dolby Atmos®, Sony 360RA, and other immersive formats. “The IDL 7.0.4 Immersive Recording system gives creators the ability to record the entire natural soundfield,” said Adrian Weidmann, IDL CEO & Founder. “It eliminates hours of post-production guesswork and captures the emotional integrity and nuances only heard in a live performance.”

At AES 2025, attendees can take part in on-site listening demonstrations featuring recordings from Willy Porter’s recent album Humans in a Room. The project, captured using the IDL 7.0.4 Immersive Recording Array at EastWest Studios in Los Angeles and Ocean Way Nashville, showcases the system’s ability to reproduce performance environments with striking realism.

To highlight the capabilities of the IDL 7.0.4 Array in a professional environment, each system purchased with eleven IDL microphones includes a full day of recording time at Do No Harm Music, located just outside Worcester, Massachusetts. The facility features a 27' x 23' x 18' live room with variable acoustics, offering reverb times from 0.6 to nearly 3 seconds and ideal conditions for immersive tracking. The facility features a 27' x 23' x 18' live room with variable acoustics, providing ideal conditions for immersive tracking. The space is equipped with a Steinway Concert D piano.

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