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The Audio Engineering Society (AES) launches the AES69-2015 standard-- a framework for the binaural and 3D personal audio industries describing the format and exchange of "spatial acoustics files."

According to the AES Standards Committee the standard is a boon for the evolving 3D audio field, as it defines a file format allowing the exchange of space-related accosted data in various forms. These include head-related transfer functions (HRTF) and directional room impulse responses (DRIR).

The format scales to match available rendering processes, and should be flexible enough to include source materials from different databases. It builds on previous work on the spatially-oriented format for acoustics (SOFA), a means of HRTF data storage in a general means supporting any transfer-function data measured with microphone and loudspeaker arrays.

“AES69 represents a fundamental piece of architecture for taking personal audio to a new level of performance," the AES says. "Using this, product developers will be able to take advantage of transfer-function databases from all over the world to produce a truly immersive 3D audio experience.”

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