

3-DIMENSIONAL SOUND

HDSS speaker systems provide an extremely well detailed 3-dimensional sound allowing the listener to locate sound sources on the left, right, front and back of the soundstage. The sound images are maintained in proper perspective acoustically, without artificial electronic processing, so that all phantom (virtually) imaged sounds are in the proper position. The listener hears unbounded sound quality in any listening position even while moving about the listening area. The 3-dimensional sound effect is achieved because the phantom source remains an acoustic component of both speakers when monitored off-axis – a revolutionary phenomenon unachievable with current conventional speaker technology.

3-dimensional sound should not be confused with surround sound, which refers to the use of specialized amplifiers to send discreet signals to speakers located around the listener. Coherent dispersion from the HDSS speakers allow for a naturally projected sound stage from normal stereo while surround sound effects can widen the stereo image of two loudspeakers or create the illusion of sound sources placed anywhere in a 3 dimensional space, including behind, above or below the listener.

HDSS speaker systems are engineered with the patented ETL technology thereby naturally producing high definition 3-dimensional sound that allows listeners in various positions to maintain a vivid virtual image of sound sources existing in an audio event.