



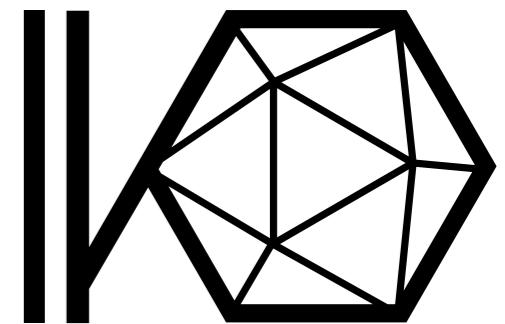
IEM • SONIBLE



iko

A NEW WAY OF LISTENING

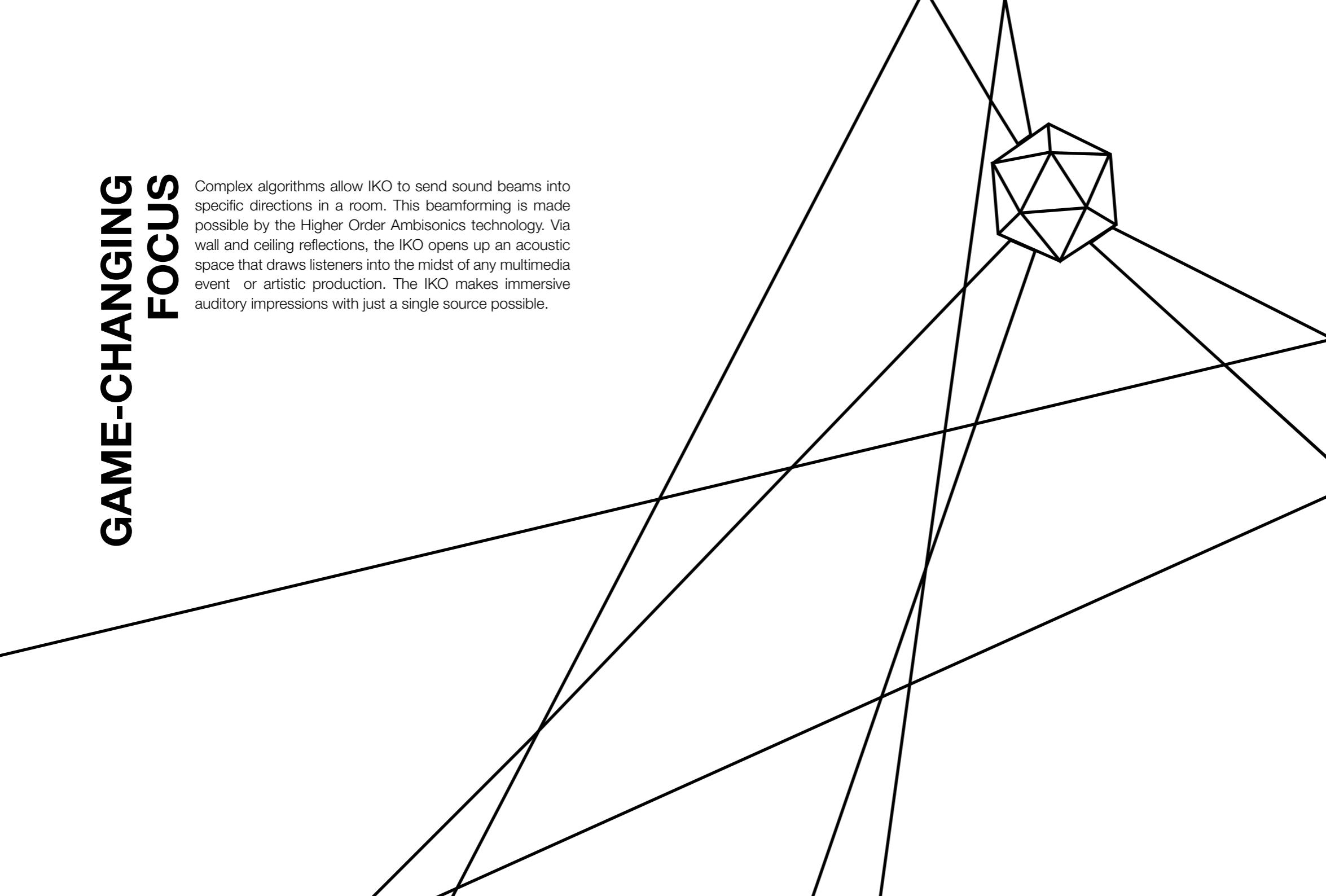
The IKO is a revolutionary 3D audio speaker. It is the most compact speaker system that's based on the technology of Higher Order Ambisonics (HOA). An innovation that sonible took to product maturity and therefore enabling new possibilities in the field of 3D audio.



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GAME-CHANGING FOCUS

Complex algorithms allow IKO to send sound beams into specific directions in a room. This beamforming is made possible by the Higher Order Ambisonics technology. Via wall and ceiling reflections, the IKO opens up an acoustic space that draws listeners into the midst of any multimedia event or artistic production. The IKO makes immersive auditory impressions with just a single source possible.



SOUND DESIGN & SOUND ART

The IKO creates a fascinating sound ambience. Whether as a 360° loudspeaker or as a Ambisonics musical instrument, the IKO impresses listeners in concerts, sound installations or exhibitions alike.

VIRTUAL REALITY & MEASUREMENT TECHNOLOGY

The IKO enables true auditory orientation in professional simulation environments. Its high precision makes it a reliable partner in sound research and measurement technology.

CUSTOM INSTALLATION & HOME ENTERTAINMENT

The IKO brings stunning three-dimensional sound to any home entertainment system: a key factor of an immersive entertainment experience. Its characteristic design also makes the IKO a stylish home accessory.

The IKO is a mobile, versatile 3D audio solution. Despite its compact design, it has no problem handling frequencies at the lower end of the hearing spectrum. This makes IKO attractive for a wide variety of applications.

TEAMPLAYER

The name IKO is derived from „icosahedron“ (old Greek eikosáedros „twentyfold“). It is a platonic body consisting of 20 equally sized surfaces – in each one is a high-quality, discretely controllable broadband loudspeaker integrated.

Together with sonible's d:24 amplifier, IKO forms an extremely compact yet versatile audio playback system. d:24 provides uncompromising signal amplification in the smallest space due to its high-quality Class-D modules, a strict separation of power and control electronics, and a sophisticated circuit design.



CHASSIS

- Edge length: 230mm
- Diameter: 548 mm
- Net volume: 27.5 l
- Weight: ~38 kg

DRIVERS & CONNECTORS

- 20 x 6" Morel SCM 634 |
- Sensitivity: 83 dB(SPL) @ 2.83 V, 1 m
- LK multipin connector and Neutrik connector

SCOPE OF DELIVERY

- FIR filter sets for crosstalk compensation and frequency response linearization
- 15 m supply cable
- custom-made FlightCase
- Hanging points and flight material (optional)





iko.sonible.com



sonible was founded in 2013 by three graduates of the pioneering audio engineering program in Graz, Austria. After years of working in live sound engineering and the recording arts they set out to turn their practical experience into useful and dependable pro audio products.

www.sonible.com



The Institute of Electronic Music and Acoustics (IEM) is a multidisciplinary research center within the University of Music and Performing Arts, Graz, (Austria). The IEM is very active in the field of Artistic Research and aims at bringing technology and artistic creativity closer together.

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