

ACOUSPADE™
SPEAKER WITH FOCUS



Press Release — February 2016

**ULTRASONIC AUDIO TECHNOLOGIES announces
a new, fully integrated model of the
ACOUSPADE directional speaker**

New features: active speaker, Bluetooth and motion detection

After three years of intensive research and development we are pleased to introduce the new **ACOUSPADE** directional speaker (Acouspade-ABS-134-DUMA-M).

Since 2011 the **ACOUSPADE** has been installed in over 50 countries worldwide. It can deliver a narrow beam of sound to a desired area while preserving silence around it, or allowing the co-existence of different sounds in the same space without mixing or interfering.

The patent pending signal processing system includes a new, fully digital and extremely efficient amplifier, which requires no heat-sink at all. This allows for a complete integration of the system into the 22mm thick flat-panel emitter housing, making the **ACOUSPADE**, the thinnest directional speaker on the market.

The new **ACOUSPADE** has a lower noise floor as the previous versions but also, it has a larger emitter surface, which can generate higher sound volumes and deliver a clear message even in noisy environments.

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With its two separated emitter panels, the new **ACOUSPADE** offers an optimized sound-field distribution. It is precisely targeting the listeners ears, without wasting acoustic energy to the facial region.

The new **ACOUSPADE** is the first directional speaker on the market that offers wireless content management via Bluetooth connection as well as a motion detection system, which can trigger audio content from an external Bluetooth player at the moment when the listener approaches the speaker.

The Bluetooth connection introduces completely new applications of the directional speaker. Imagine having a restaurant where each table occupies its own audio zone and enables the guest to play its own music from his smartphone.

ABOUT ULTRASONIC AUDIO TECHNOLOGIES

ULTRASONIC AUDIO TECHNOLOGIES Ltd. was founded in 2011 by Miha Ciglar and develops different products based on airborne ultrasound. The **ACOUSPADE** directional speaker has been used in a wide variety of situations including museums, galleries, retail stores, offices, digital kiosks, fairs, etc., by clients and integrators worldwide. **ULTRASONIC AUDIO TECHNOLOGIES** has also developed the **SYNTACT** HC-Interface which creates contact-free tactile feedback through ultrasonics.

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