Press Release
Herzogenrath, February 2, 2018

HEAD acoustics at the MWC 2018: Precise measurement technology for the highest demands in mobile communications

The world's leading trade fair for mobile communications, the Mobile World Congress, will once again be a meeting place for the mobile communications industry in 2018. HEAD acoustics, one of the world´s leading companies in the production of high precision software and hardware for optimizing voice and audio quality, is back in Barcelona as an exhibitor: with the all-new front-end platform *lab*CORE, live presentations of the HRT I turntable and other innovative measurement technology. Visitors of the trade fair can assure themselves of the efficient solutions at the HEAD acoustics stand in Hall 7, Stand 7J65 from February 26th to March 1st.

*lab*CORE is a modular multi-channel front end for various applications

As customer demands for voice and audio quality are constantly increasing, products such as smartphones or IoT applications such as smart speakers must be tested on highest demands. With *lab*CORE, the technology company from Herzogenrath offers a multi-channel and versatile front-end platform. Its modularity, its wide selection of digital and analog inputs and outputs as well as its programmable interfaces make *lab*CORE the all-in-one solution for voice and audio quality measurements. Another highlight of the front end: Based on modular technology, new technologies can be added quickly and easily to ensure that *lab*CORE is future-proof.

HRT I enables orientation-dependent acoustic measurements

With HRT I (HEAD acoustics Remote-operated Turntable) HEAD acoustics presents a high-precision turntable. HRT I enables users to perform orientation-dependent acoustic measurements. For example, with the help of the turntable mobile phones or conference systems can be rotated to specific angles. Angles at which the test object must be measured according to international measurement standards. The rotation unit of the HRT I offers a 360-degree rotation range, which can be approached in 0.1-degree steps. In addition, the adjusted angles can be reproduced with an accuracy of 0.02 degrees.

VoCAS evaluates the quality of voice control systems objectively and quickly

Speech recognition is another topic on the stand. More and more applications rely on speech recognition for operation. With VoCAS (Voice Control Analysis System), HEAD acoustics provides a turnkey test solution for voice control systems. The efficient and flexible software enables an objective and fast quality assessment of voice control systems under realistic and reproducible test conditions.

Our experts will be pleased to present the software and hardware solutions at the HEAD acoustics booth in hall 7, stand 7J65. Journalists can already now arrange an appointment. Please send an email to the contact below.

HEAD acoustics GmbH
Ebertstraße 30 a
52134 Herzogenrath, Germany

Steffen Scholz / Marketing & PR Telecom
Email: steffen.scholz@head-acoustics.de
Phone: +49 2407 577 774

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About HEAD acoustics – Telecom Division

HEAD acoustics was founded in 1986 and has been involved in noise and vibration, electroacoustic and voice quality testing since its inception. HEAD acoustics is based in Herzogenrath, Germany, with affiliates in China, France, Great Britain, Japan, South Korea and USA as well as a world-wide network of representatives. The Telecom Division of HEAD acoustics manufactures telecom test equipment and provides consulting services in the field of speech and audio quality. Moreover, HEAD acoustics closely co-operates with DECT Forum, ETSI, ITU-T, 3GPP, TIA, CTIA, GSMA and other standardization bodies with regard to the development of quality standards for voice transmission and speech communication. In many partnership projects, HEAD acoustics has proven its competence and capabilities in conducting tests and optimizing communication products with respect to speech and audio quality under end-to-end as well as mouth-to-ear scenarios.

Images

*lab*CORE is the modular multi-channel front end for precise and efficient voice and audio quality measurements

HEAD acoustics GmbH
Ebertstraße 30 a
52134 Herzogenrath, Germany

Steffen Scholz / Marketing & PR Telecom
Email: steffen.scholz@head-acoustics.de
Phone: +49 2407 577 774

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HRT I is a high-precision turntable for automated, orientation-dependent acoustic measurements

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