



Achieving superior quality in sound,
vibration and speech



Research · Development · Engineering · Consulting



**FACT SHEET
TELECOM DIVISION**



About HEAD acoustics Telecom Division

The Telecom Division of HEAD acoustics provides test equipment as well as consulting services in the field of speech and audio quality. In this context, HEAD acoustics closely cooperates with ETSI, ITU-T, 3GPP, GSMA, TIA, CTIA, DECT Forum and other standardization bodies with regard to the development of 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 standard terminal testing as well as end-to-end scenarios.

HEAD acoustics was founded in 1986 and has been involved in noise and vibration, electroacoustic and speech quality testing since its inception. HEAD acoustics is based in Herzogenrath, Germany, with affiliates in France, Great Britain, Japan, South Korea and USA as well as a world-wide network of representatives.

Facts & Figures of HEAD acoustics GmbH

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| Year of Foundation: | 1986 |
| Headquarter: | Herzogenrath (near Aachen), Germany |
| Managing Directors: | Prof. Dr.-Ing. Klaus Genuit, Dr.-Ing. Hans Wilhelm Gierlich, Stephan Noth |
| Number of Employees: | more than 200 |
| Subsidiaries: | HEAD acoustics, Inc. (Brighton, USA) |
| | HEAD acoustics Japan K.K. (Yokohama, Japan) |
| | HEAD acoustics SARL (Gif-sur-Yvette Cedex, France) |
| | HEAD acoustics UK Ltd (Rugby, England) |
| | HEAD acoustics Korea Co., Ltd (Seoul, Korea) |
| Sales Representatives: | worldwide |

Product Range and Exemplary Products

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|-----------------------------|--|
| Analysis Software: | ACQUA, VoCAS, 3QUEST, EQUEST, TUNE |
| Measurement Front Ends: | MFE VI.1, MFE VIII.1, MFE IX, MFE X, MFE XI, HIB I |
| Measurement Standards: | TS 26 131-32, GSMA HD Voice, TIA 810, G.165, TS 102 924/925, P.1100, P.1110 |
| Noise Simulation: | 3PASS, HAE-BGN, HAE-car |
| Binaural Recording Systems: | HMS II.3, HHP IV |
| Playback Systems: | labBGN, labP2 |
| Consulting Projects: | from subjective speech quality tests to objective measurements of telecommunication equipment, network components and complex network configurations |

Fields of Application

Mobile Telephony, Hands-Free Telephony (Car, Mobile & Office Type), VoIP Telephony, VoLTE Telephony, Digital Telephony, Cordless Telephony, Electroacoustics in Telephone Networks, Headset Tests, Emergency Call (eCall), Automatic Speech Recognition (ASR), In-Car Communication (ICC), Radio Broadcast Signals

Range of Customers

Terminal Manufacturers and Suppliers
Network Operators
Car Manufacturers and Suppliers

Contact Information

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