

## High-Quality Testing Solution Meeting the 3GPP TS 26.131/132 Release 17 Requirements

*HEAD acoustics offers the only comprehensive, single-source test solution for Release 17 of the 3GPP specification TS 26.131/132 – the essential specification for audio quality in telecommunication.*

The new release defines test methods and requirements for headset interfaces to ensure high audio quality even if the user does not operate the headset included in their phone's scope of delivery. It also adds an iterative procedure to determine the Ear Cap Reference Point (ECRP) for handsets with non-traditional earpieces, e.g., smartphones with under-display actuators.

### Comprehensive and unique

With the handset positioner HHP IV, the headset interface box HIB I for analog connections, *labCORE*, and the *labCORE* extensions *coreBT2* for Bluetooth® and *coreUSB-DR* for USB connections, HEAD acoustics is currently the only measurement technology manufacturer offering a comprehensive, high-quality testing solution for any headset connection.



For example, until now, devices with under-display actuators could not be measured according to the existing standard because, in that standard, the loudspeaker served as the reference point for clamping to the artificial head. The new process now includes many acoustic measurements at specific positions. The unique motorized HEAD acoustics handset positioner HHP IV is the ideal solution to conduct these measurements quickly, precisely, and reliably.

### From a single source

HEAD acoustics harmonizes the components of its measurement and testing ecosystem perfectly with each other. Using such a single-source solution without additional third-party units provides reliable, high-quality results with unrivaled ease of use.

We make your testing real-life-proof – talk to us!

**More information on the *labCORE* ecosystem**

[HEAD acoustics \*labCORE\*](#)

[HEAD acoustics HHP IV](#)

[HEAD acoustics HIB I](#)

[HEAD acoustics \*coreUSB-DR\*](#)

[HEAD acoustics \*coreBT2\*](#)

### **About HEAD acoustics**

HEAD acoustics GmbH is one of the world's leading companies offering holistic sound and vibration analysis solutions. In the telecom sector, the company enjoys global recognition due to its expertise and pioneering role in developing hardware and software for measuring, analyzing, and optimizing voice and audio quality, as well as customer-specific solutions and services. HEAD acoustics' range of services covers sound engineering for technical products, investigation of environmental noise, speech quality engineering, consulting, training, and support. The medium-sized company from Herzogenrath near Aachen has subsidiaries in China, France, Italy, Japan, South Korea, the UK, the USA, and numerous sales partners worldwide.