New data acquisition system from HEAD acoustics

HEAD/lab is a new multi-channel front-end system for easy and mobile data acquisition. The rugged and modular system consists of control units plus various power supply and signal modules.

„One important advantage is flexibility. From the beginning we have aimed to develop a data acquisition system able to support our customers optimally even with changing and very individual tasks. That is what HEAD/lab stands for“, declares Prof. Dr. Klaus Genuit, General Manager of HEAD acoustics GmbH. Various combinations of individual modules allow for a variety of configurations ranging from compact systems to decentralized multi-channel systems for comprehensive measurements with a high number of channels. Moreover, HEAD/lab is suitable for both stationary and mobile use. Due to the high-performance battery, even large systems can be operated without external power. Because a fan is not required, all HEAD/lab modules run silently.

This front-end system is used for acquiring data in the field of sound and vibration analyses. It is especially suited for automotive tasks or for all applications involving artificial head recordings. Even the base module provides an input for a digital artificial head and CAN bus as well as pulse inputs, so that no additional modules are required for recording these data.

HEAD/lab ideally supplements the HEAD acoustics product line. In combination with the recording software HEAD Recorder and the analysis software ArtemiS, it forms a complete measuring system.

For more information please refer to our website www.head-acoustics.de/de/nvh_headlab.htm.

About HEAD acoustics

HEAD acoustics has developed into one of the world’s leading specialists in the fields of sound and vibration analyses and optimization. For more than 20 years HEAD acoustics has developed products and solutions for artificial head recording and playback technology, exceptional acquisition and analysis software and techniques, and communication measurement technology.
Figure 1: HEADlab - Distributed sample configuration

Figure 2: HEADlab - Sample configuration with ten signal modules

Figure 3: HEADlab - Sample configuration with one signal module

PR Contact
Mareike Lüken
Tel.: +49 2407 577-132
E-Mail: sales@head-acoustics.de

HEAD acoustics GmbH
Ebertstraße 30a, 52134 Herzogenrath, Germany
Tel.: +49 2407 577-0 • Fax: +49 2407 577-99
info@head-acoustics.de • www.head-acoustics.de
Figure 4: HEADlab - Sample modules