

Brand of the Headboard Data Acquisition Module



AI Overview

HEAD acoustics (HEADlab series) The Headboard Data Acquisition Module is part of the HEADlab modular data acquisition system manufactured by HEAD acoustics . HEADlab is a flexible, multi-channel front-end system designed for sound and vibration measurements, suitable for both stationary and mobile applications. Its modular concept allows users to combine controllers, input modules, playback units, and power supply modules to create customized measurement setups .

Key Features of HEADlab Modules

Controllers: The lab CTRL II.1 controller synchronizes and powers connected modules, supports high sampling rates up to 204.8 kHz per channel, and enables GPS or LAN (PTP) synchronization .

Input Modules: Modules like lab V12 II, lab V24 II, and lab VF6 II handle analog and ICP® sensor inputs, offering flexible channel counts and high-speed data acquisition .

Playback Modules: The play Studio unit allows accurate reproduction of binaural recordings with integrated equalization and multiple output options .

Compatibility: HEADlab modules from both Generation I and II are fully compatible, allowing expansion and integration across system generations .

Applications HEADlab systems are widely used in automotive, environmental noise evaluation, sound optimization, and technical product design. They support direct connection to digital artificial heads and CAN bus systems, making them particularly suitable for automotive acoustic testing .

In summary, the brand of the Headboard Data Acquisition Module is HEAD acoustics, and it belongs to the HEADlab modular system, which provides a highly configurable platform for professional sound and vibration data acquisition.

Article Content

Data Sheet | HEADlab Overview (Code 3700), Modular multi-channel ...

Code 3700 HEADlab is a second-generation, modular, high-quality data acquisition system that includes controllers, input and playback modules, supply modules (rechargeable battery), and extensive

Vibration data acquisition system

The new models with their clear and rugged design for multi-channel sound and vibration measurement provide high data rates, CAN-FD support and synchronization capabilities via GPS and LAN (PTP).

In-Car Communication: Measuring communication quality in vehicles

The new generation of the HEADlab modular multi-channel data acquisition system takes the lead with a range of advanced features and is even better suited for demanding mobile applications than its well

HEADlab overview Modular multi-channel 24 bit front-end system from ...

Features Modular data acquisition system consisting of control, input and power supply modules

Data sheet | labCTRL II.1 (Code 3704) Second-generation HEADlab ...

labCTRL II.1 forms the core of the HEADlab system, it handles data concentration and synchronization of input and playback modules. A HEADlab system is configured and controlled via labCTRL II.1 from

Next-generation mobile sound and vibration data

The new generation of the modular HEAD lab data acquisition system is even more suitable for challenging mobile applications than its predecessor. The new

Data Acquisition Modules

Built-in dual watchdogs, data acquisition control module with built-in dual watchdogs, to prevent communication interruption as well as module crashes and improve system reliability

Ethernet data acquisition system, Ethernet data

Find your ethernet data acquisition system easily amongst the 55 products from the leading brands (Brüel & Kjaer, HBM, AMETEK VTI, ...) on DirectIndustry, the

Brüel & Kjaer LAN-XI: Data Acquisition Hardware

LAN-XI data acquisition hardware is a versatile system of modular hardware that consists of frames, modules* and front panels. Use a single module as a stand

HEADlab overview Modular multi-channel 24 bit front-end system from ...

Each controller is equipped with a CAN/OBD-2 interface and two pulse interfaces, and also allows for connecting a digital artificial head (HMS III or HMS IV) directly. In addition, each controller can be

AshwinD24's gists · GitHub

GitHub Gist: star and fork AshwinD24's gists by creating an account on GitHub.

HEADlab Modules: Custom-tailored modules for data

It combines all features of a 4-channel output module for shaker excitations with those of a 12-channel data acquisition module in a rugged and compact housing,

Data Acquisition | Thermo Fisher Scientific

We offer a range of frontends for data acquisition and signal analysis including handheld models for portable applications, as well as modular systems that support diverse sensor types.

HEADlab II

The new generation of the HEADlab modular multi-channel data acquisition system takes the lead with a range of advanced features and is even

HEADlab II – Next generation modular multi-channel data acquisition ...

All HEADlab modules of HEADlab generation I and II are fully compatible with each other. HEADlab modules of generation I can be combined with a controller of generation II.

Temperature data acquisition system, Temperature data

Find your temperature data acquisition system easily amongst the 60 products from the leading brands (HBM, HIOKI, Delphin, ...) on DirectIndustry, the industry

Next-generation mobile sound and vibration data acquisition

HEADlab II has a rugged design, multi-channel sound & vibration measurement, high data rates, CAN-FD support, synchronization via GPS and LAN (PTP).

Product brochure HEADlab

HEADlab is a rugged multi-channel front-end system from HEAD acoustics for flexible data acquisition. Its modular concept comprises control modules as well as various power supply and signal

Data Acquisition Modules

Data Acquisition Modules Advantech's data acquisition modules and Ethernet Remote I/O modules provide ideal industrial control and measurement solutions for harsh environments and demanding

HEADlab overview (Code 3700)

Code 3700 HEADlab is a second-generation, modular, high-quality data acquisition system that includes controllers, input and playback modules, Power Boxes (battery), and a wide range of accessories.

Embedded data acquisition system, Embedded data

Find your embedded data acquisition system easily amongst the 17 products from the leading brands (AMETEK VTI, Liebherr, Ingeteam, ...) on DirectIndustry, the

Data Acquisition Module Insights: Market Size Analysis to 2034

The size of the Data Acquisition Module market was valued at USD 2.8 billion in 2024 and is projected to reach USD 4.18 billion by 2033, with an expected CAGR of 5.9% during the

product-help.se

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

The List of Data Acquisition Companies [UPDATED 2026]

We gathered the complete list of data acquisition companies on all markets and applications. See what are the leading brands in the DAQ market in 2021.

HEIM Data Acquisition Units (XMA)

HEIM Data Acquisition Units HEIM provides scalable highly customizable Data Acquisition Units (DAQ) for flight tests.

HEADlab Modules: Custom-tailored modules for data

Data Sheet Download lab COMPACT12 II & lab COMPACT24 II – Compact solution for multi-channel data acquisition lab COMPACT12 II and lab COMPACT24 II

Contact Us

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