



Go **aHEAD**

Mobile measurement device featuring calculation of loudness and sharpness

SQuadriga II

Try out SQuadriga II for a wide range of measuring tasks! SQuadriga II is a 24-bit recording and playback system, which you can use both as a front-end device and as a stand-alone system. Thanks to its compact size, its light weight, and the powerful battery, SQuadriga II offers you maximum mobility.

With SQuadriga II, you are prepared for every measurement situation: Due to the various connection options you can easily connect ICP®-sensors, a calibratable binaural headset BHS II, pulse and CAN-sensors or an artificial head via adapters. In order to take more complex measurements, it's easy to add channels by attaching another SQuadriga II or certain HEADlab modules.

Other embedded features include the possibility to play out signals while recording, monitoring of CAN, pulse and GPS channels, and interactive listening and filtering of recorded data. Spectral analyses and level vs. time measurements can be viewed on recorded data and SQuadriga II offers the unique capability of calculating loudness and sharpness.



SQuadriga II – Features

Compact size: 14.8 x 18.2 x 4.5 cm (5.9" x 7.2" x 1.8")

Light weight: 970 g (2.14 lb)

Binaural recording and playback by means of calibratable BHS II headset

Display of time signal and FFT-based real-time analysis: FFT, 1/1 and 1/3 octave, loudness, sharpness

Monitoring with adjustable IIR filter

Recording trigger

Removable SDHC memory card

Large graphical display with touchscreen function

USB 2.0 high-speed interface

Sampling rates from 8 to 96 kHz

Pulse in/out; pulse frequency up to 1 MHz, electrically isolated

6 BNC inputs/outputs (analog in/ICP®); Inputs accept AC and DC

CAN/OBD-2

AES/EBU interface for connecting an artificial head

HEADlab connector

Optical ADAT® in/out

Equalized headphone output

Real-time clock

Power supply via provided power adapter, USB, car adapter, or built-in rechargeable battery and additional replaceable batteries

Front-end/stand-alone mode (up to 6 hours on rechargeable battery)

Use the QR Code to visit our microsite!
www.squadriga.com

