



## RogaDAQ 2

### Portable Data Acquisition and Analysis

*RogaDAQ 2 is a high performance portable Data Acquisition Device. It features two high quality, high speed, simultaneous sampling inputs.*

The RogaDAQ2 USB DAQ is developed for highly accurate measurements in the T&M and also for NVH measurements. This USB Front End is optimized for noise and vibration measurements with 2 channel IEPE (ICP®) sensor supply.

Main feature of the RogaDAQ2 is the driver and free software concept. Special drivers are not needed ; the unit is detected by the PC as standard Soundcard.

Measurement programs like ArtemiS, Audacity, Cooledit, DASyLab, DEWESoft, DiaDem, LabView, Levelcheck, Mat-Lab, PAK by Müller BBM, RogaREC, Smaart works directly in real time.

The RogaDAQ2 supports as first NVH USB Soundcard on the market, measurements from 0 Hz up to 20 kHz and IEPE sensor supply. Range input is fixed to +- 5 Volt.



#### TECHNICAL DATA:

<b>Analog-Inputs</b>	2 BNC-Inputs, for analog signals
<b>Simultaneously sampling ADCs</b>	2
<b>Resolution</b>	24 Bit
<b>Sampling rate</b>	48 kHz max.
<b>Range input</b>	± 5 V
<b>Selectable AC- or DC-coupling</b>	
<b>Selectable IEPE sensor</b>	supply (4 mA/28 V)
<b>Self adjusting Anti-Aliasing filter</b>	
<b>Accuracy</b>	better ± 0,1 dB, Dynamic Range > 100 dB, THD < 0,005%, Frequency Response ± 0,05 dB
<b>Channel deviation</b>	< 0,01 dB, < 0,05°
<b>Channel separation</b>	> 85 dB
<b>Supported PC Systems</b>	All

RogaDAQ2 is available including FFT Analyzer Software, Sound levelmeter and Modal Analysis Program.