Extension to Analog World
IEPE Breakout Box

The IEPE Breakout Box is a powerful extension for the I²S Frontend. It connects the analog world to the digital I²S-Frontend. With the Breakout Box it is possible to connect IEPE and analog sensors to the hardware. Every channel is seperately switchable between IEPE mode and normal mode.

The Noise Inspector can be used for data acquisition and for analysis if you want to build your own analog acoustic camera. If you want to go on and connect different types of sensors you can use our Sound and Vibration Inspector software for data acquisition and complex analysis of dynamic signals.

### I²S-Frontend
- Channels: 40 and more
- Sample rate: 48 kHz
- Resolution: 24 bits
- Simultaneous sampling: Yes
- Interface to PC: Ethernet
- Fanless: Yes
- Additional inputs: Trigger, Tacho (RPM)
- Battery option: Yes
- Power supply: 12 V DC
- Power consumption: < 7W
- Dimension: 230 x 185 x 58 mm
- Weight: 2 kg

### Breakout Box
- Channels: 8 and more
- Sample rate: 48 kHz
- Resolution: 24 bits
- Simultaneous sampling: Yes
- Interface to PC: via I²S-Frontend
- Fanless: Yes
- Input: Analog or ICP/IEPE
- Battery option: Yes
- Power supply: 12 V DC
- Power consumption: < 1W
- Dimension: 140 x 75 x 50 mm
- Weight: 0.5 kg