



The Extended Acoustic Pack, when installed on your XL2, supports the daily tasks of acoustic consultants. It offers additional features for sound level logging and acoustic measurements, such as recording linear wav-files, percentile statistics, sound exposure level, 100 ms logging, event monitoring, reverberation time in 1/3 octave resolution, Zoom-FFT with 0.4 Hz resolution and many more.

SLMeter/RTA function

- Recording of wav-files (24 bit, 48 kHz), a new wav-file is started after each hour (max. wav-file size 512 MB)
- Percentiles for wide band and spectrum with flexible setting from 0.1% to 99.9%
- Sound Exposure Level LAE
- 100 ms logging
- RTA logging of Lmin and Lmax
- Event-triggered audio and data recording
- Time weighting: Impulse (LxI, Lxleq with x= A, C, Z)
- True peak level in 1/1 and 1/3 octave resolution
- Clock-impulse maximum level (TaktMax) and values as specified in DIN 45645-1
- Impulsiveness detection in accordance with BS4142:2014 and NordTest ACOU 112

FFT function

- High-resolution Zoom-FFT with selectable frequency ranges and resolution up to 0.4 Hz in the range of 5 Hz to 20 kHz
- Recording of linear wav-files (24 bit, 48 kHz)
- Reverberation Time function
- Reverberation time in 1/3 octave resolution

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