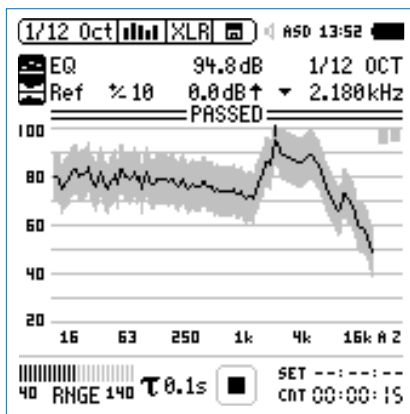




Stack Light indicates Passed/Failed result

XL2 Analyzer Functions

- FFT analysis
Compares the high-resolution acoustic pattern of any device against a pre-defined reference sample with a pass/fail analysis in linear X-scaling.
- 1/12 octave analysis
Passed/Failed measurements with selectable 1/1, 1/3, 1/6 or 1/12 octave band resolution in logarithmic X-scaling.
- Passed/failed measurements
The XL2 Analyzer captures the frequency spectrum of reference devices, such as engines, rotary motors, fans, vacuum cleaners, etc. and supports generation of tolerance bands based on the captured reference data. Measurements can either be displayed as absolute traces or shown relative to previously stored traces. Frequencies with failed results are individually visualized in every frequency band.
- Auto-start function
Measurement starts by automatic level trigger, external foot switch or instrument start button.
- Stack light
Provides visual passed/failed indication.
- Tolerance management
Tolerance curves can either be imported from txt-files or directly derived from captured measurements.
- Digital I/O Adapter PCB
For automated operation with external peripheral devices the XL2 Analyzer can be linked into a programmable logic control. The Digital I/O Adapter is tailored for rail mounting in electric switch boxes.
- Remote measurement (optional)
Allows querying the XL2 measurement data online via the USB interface. Thus customers may implement the XL2 in their test application.



XL2 Screenshot PASSED result



Exel Quality Control Set

Order Information

	NTi Audio #
Acoustic Measurements XL2 + M2210, Class 1 frequency response	600 000 350
Remote Measurement Option for XL2	600 000 375
Spectral Limits Option for XL2	600 000 376
Stack Light	600 000 381/382

For more information please visit www.nti-audio.com/exel.