

## Improvement for NTi Audio XL2 Sound Level Meter



Good news for all XL2 Sound Level Meter owners; thanks to NTi Audio's ongoing customer-driven new feature policy, customers regularly receive the benefit of free functional updates to their meter.

Recently, for example, support for the System Self-test (CIC) function of the new ½" M2340 Measuring Microphone has been added. This powerful feature is aimed in particular at NoiseScout customers and the operators of unattended noise monitoring stations.

Another innovation in the area of outdoor monitoring, was the integration of the correction values for horizontal sound incidence when using the M4261 Measuring Microphone together with the WP61 Weather Protection kit. This means that in addition to the proven WP30 for ½" microphones (type M230 and M2340), a solution is now also available that fits the M4261 class 2 microphone.

The newly-introduced support of the ANSI/ASA S12.2-2019 standard for noise curve measurements provides a solution for another field of application. This update is especially useful for our American and Asian customers who want to analyse noise in offices etc.

The XL2 Vibration Meter also recently received an update; an optimisation of the automatic naming of recorded WAV files. This is useful when analysing data, as it makes it easy to detect, for example, overdrive during the measurement, and

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prevent undetected incorrect data.

The latest firmware version v4.80 for the XL2 Sound Level Meter includes improved information to the user, during a reverberation time measurement, as to when the measurement is out of range due to very high sound levels. The operator can then reduce the source level and immediately repeat the measurement.

Finally, if the Extended Acoustic Pack option is activated on the XL2, users are given the choice to select an A-weighted level, limited to the frequency range 20...200 Hz. This level can be used, for example, as an indicator of low-frequency sound at open-air events.

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