



# S&V Newsletter

Nov 2021

**S&V Samford Instruments Ltd.**  
[www.svsamford.com](http://www.svsamford.com)

We are devoted to provide innovative and quality solutions for Customers with interest in Sound and Vibration, Condition monitoring, Electro-Acoustics: R&D/ Production line QC/ QA testing, and Mechanical measurements - Force Torque, RPM, etc. With a team of passionate professionals, we provide dedicated support and continue education to our customers.

Email: [svsales@svsamford.com](mailto:svsales@svsamford.com)  
Tel : (852) 2833 9987  
Fax : (852) 2833 9913

Follow us on Social Media:

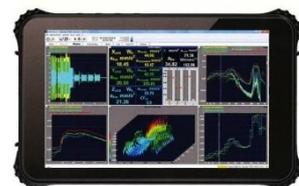


Dear Customers,

## Welcome to our Monthly Newsletter

### SINUS NOISEPAD – Acoustics and Vibration Analyzer

The NoisePAD™ is our new 4-channel noise and vibration analyzer. Minimal size and weight make the NoisePAD™ a perfect fit for mobile applications thus closing the gap between our hand-held sound level meters and the Soundbook measuring system. Very low power consumption allows tripling of the battery life compared to the Soundbook to a maximum of 12 hours. This combination of a robust industrial 8-inch tablet and a DSP-based analyzer complies with MIL-STD-810. Rubber seals protect all connectors from water and dust. The NoisePAD™ thus fulfils the requirements of IP54. The NoisePAD™ has **two additional tachotrigger channels** for rotational speed measurements as well as external control of the instrument. [Click here for details](#)



### Listen Inc – Open Loop Microphone Test (V4) Sequence

This sequence demonstrates the two most common microphone measurements, frequency response and sensitivity, on a microphone embedded in a recording device. Typically, when measuring a microphone the response of the device can be captured simultaneously with the stimulus. However, with devices such as voice recorders and wireless telephone forming a closed loop can be cumbersome or impossible. This sequence demonstrates how to measure such a device by recording the signal on the device under test, transferring that recording to the computer running SoundCheck and then using a Recall step to import the recorded waveform and analyze it. This specific sequence, v4, is an improvement on the prior versions. [Click here for the full articles](#)

