

S&V Newsletter

November 2020

S&V Samford Instruments Ltd.

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.

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Dear Customers,

Welcome to our Monthly Newsletter

Listen Inc. Technical Paper :

Testing Audio Performance of Hearables (Steve F. Temme)



Smart headphones or "hearables" are designed not only to playback music but to enhance communications in the presence of background noise and in some cases, even compensate for hearing loss. They may also provide voice recognition, medical monitoring, fitness tracking, real-time translation and even augmented reality (AR). They contain complex signal processing and their characteristics change according to their smartphone application and 'real world' conditions of their actual environment, including background noises and playback levels. This paper focuses on how to measure their audio performance under the many various real-world conditions they are used in. [Read More](#)



CTC – Upgraded Vibration and Temperature Transmitters LP26X & LP36X Series

CTC have upgraded their LP26X & LP36X Series Loop Power with Temperature Sensors for superior performance in low temperatures. Take reliable measurements in environments as low as -40°C. Find them on our website:

[LP26X Series \(Velocity, 4-20mA output\)](#)

[LP36X Series \(Acceleration, 4-20 mA output\):](#)

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