



## PRESS RELEASE

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### **Audio Precision APx Software Release 7.0 Now Available**

*New subscription model offers additional software upgrade choice*

**BEAVERTON, OREGON, 30 November 2021:** Audio Precision, part of Aximatrix Solutions, released today the latest update to APx500 audio measurement software, version 7.0, adding new enhancements suited to a wide range of audio test applications, whether analog, digital, or acoustic. In parallel with release 7.0, Audio Precision is also introducing APx500 software subscriptions, offering APx users an alternative in how they license APx software, and access nearly any software version and option.

#### **APx500 Software Subscriptions**

To provide APx users greater flexibility in how they access APx500 measurement software, Audio Precision is introducing software subscriptions as an alternative to perpetual software licenses. While a perpetual software license – which grants a permanent, non-exclusive and non-expiring right to use the software – will still ship with each new analyzer, software subscriptions provide another path for existing APx users to access the latest software release and associated enhancements. Such subscriptions grant a time-limited (1-, 3-, or 5-year periods) license to use the software and provide access to all versions and all options (excluding PESQ and POLQA). When the subscription expires, the analyzer reverts to the software version and options for which it was previously licensed.

For users and organizations that prefer to retain perpetual licenses, software upgrades (SW-UPG), software maintenance (SW-MAINT), and extensions (SW-EXT, sold with new analyzers only) remain available, but only include software options purchased for a given analyzer. New hardware-based analyzers are always sold with a perpetual license, however APx500 Flex can be purchased with either a perpetual license or a subscription.

#### **Support for GRAS SysCheck2**

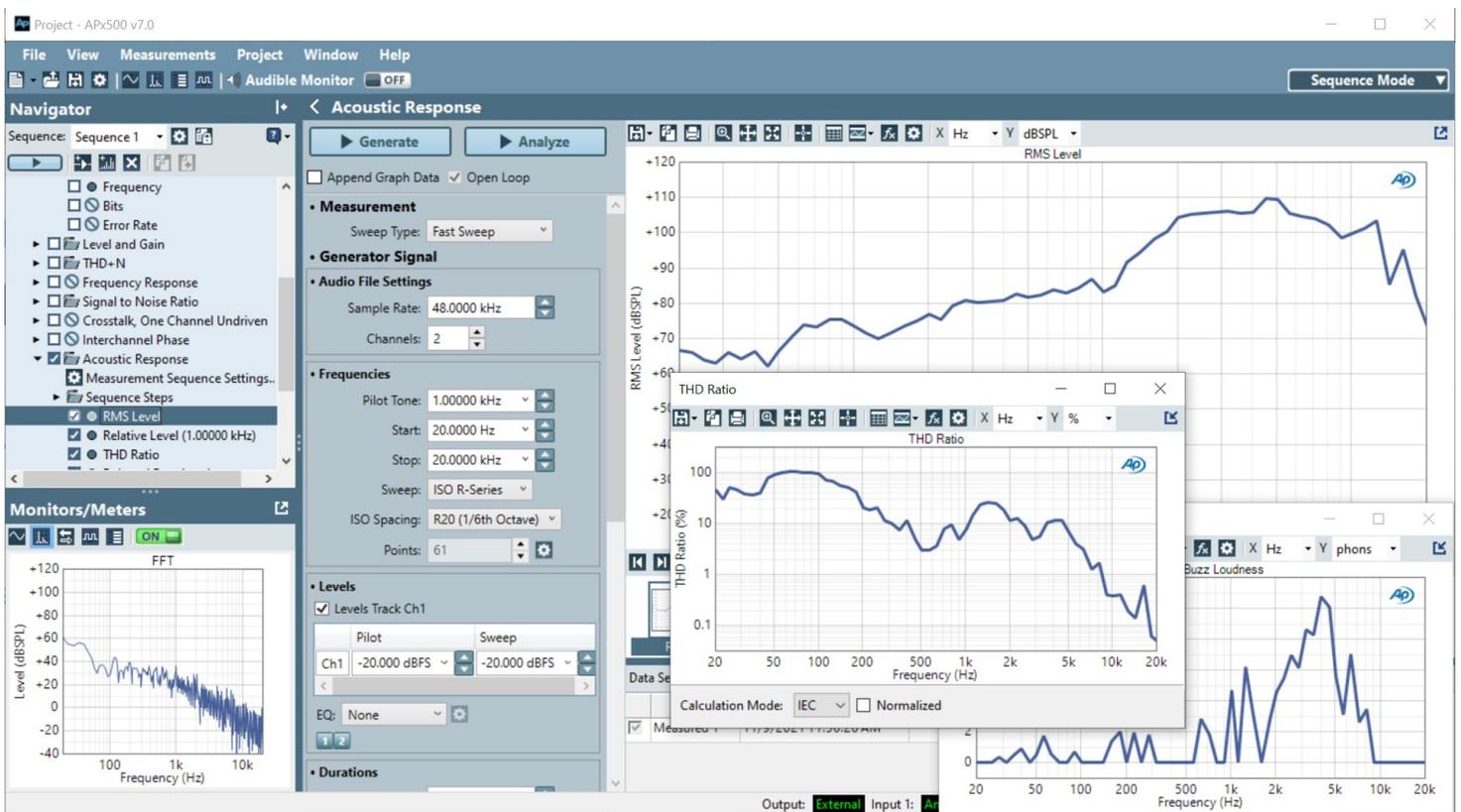
Developed by GRAS Sound & Vibration, also part of Aximatrix Solutions, SysCheck2 is a system designed to actively verify whether the sensitivity of a microphone has drifted since its last calibration. This capability is being introduced with two new ½” microphone sets: The 246AE pre-polarized free field microphone, and the 246AO pre-polarized pressure field microphone. In the first collaborative effort by the GRAS and Audio Precision engineering teams, APx500 release version 7.0 enables an APx user, in conjunction with an APx517B, APx1701, or GRAS 12Bx power module, to run SysCheck2 and receive a pass/fail indication for each connected SysCheck2-capable microphone, without the need of a calibrator or physical access to the microphone. From a microphone in production test fixture to an array of microphones in an anechoic chamber, the combination of SysCheck2 and APx allows the user to verify the accuracy of the entire signal chain without physical access or potential disruption of the test setup.

#### **Open Loop Fast Sweep**

Earlier this year, Audio Precision introduced the Fast Sweep signal, an extremely fast stepped frequency sweep that provides several advantages (e.g., the ability to sweep from low-to-high or high-to-low frequency) in comparison to a logarithmically-swept sine (chirp) signal. With release 7.0, APx software now enables the use of Fast Sweep in open loop testing scenarios, such as the testing of smart speakers. Fast Sweep is the primary stimulus signal used when utilizing either High Order Harmonic Distortion (HOHD) or Rub & Buzz Loudness



With the release of APx500 software version 7.0, Audio Precision adds support for GRAS SysCheck2-capable microphones, including the 246AE 1/2" CCP Free-Field Microphone Set pictured here. The combination of SysCheck2 and APx allows the user to verify the accuracy of the entire signal chain without physical access to the microphone or potential disruption of the test setup.



Introduced in APx500 v6.1, the Fast Sweep signal is an extremely fast stepped frequency sweep that provides several advantages (e.g., the ability to sweep from low-to-high or high-to-low frequency) in comparison to a logarithmically-swept sine (chirp) signal. With release 7.0, APx software now enables the use of Fast Sweep in open loop testing scenarios, such as the testing of smart speakers. Fast Sweep is the primary stimulus signal used when utilizing either High Order Harmonic Distortion (HOHD) or Rub & Buzz Loudness measurements.