Audio Precision APx516B



Audio Precision, a brand of Axiometrix Solutions, today launched the new APx516B audio analyzer. Tailored for R&D, production testing, and other audio engineering applications, the APx516B offers comprehensive analog and digital audio testing in a versatile and affordable package.

Digital audio has become an integral component of modern audio devices. From smartphones to AV receivers, the digital transition is evident. The motivation for this shift is clear: higher fidelity sound, advanced features, and the ability to convey more data than traditional analog methods. As of 2022, more than 75% of new audio devices have adopted some form of digital audio I/O.

A standout feature of the APx516B is its capability to bridge analog and digital audio testing, reflecting today's diverse audio landscape. It's backed by Audio Precision's reputation for precision and affordability. With a 3-year standard warranty, optional 5-year extension, and ISO 17025 accredited calibration, the APx516B is set to be a game-changer.

Key Features of the new APx516B include:

- Two analog generator/analyzer channels with performance suitable for testing consumer and professional audio devices.
- A digital interface module slot compatible with all current and future AP digital audio I/O modules. Including support for Bluetooth, HDMI2, I2S/TDM, PDM, and S/PDIF, Toslink, and AES3.
- Seamless integration with APx500 measurement software, providing a comprehensive library of measurements available with one-click, renowned ease-of-use, and compatibility across all APx analyzers.
- Starting at the lowest price of any hard-ware-based APx analyzer, the

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APx516B is accessible to a wider audience, including extended R&D teams and production testing.
- Upholding AP's world-class quality, service, and support, the APx516B carries a 3-year warranty, A2LA accredited calibration, and global technical assistance.

"The APx516B offers electronic audio customers a budget-friendly modular solution without compromising AP's performance and service," said Dan Knighten, Audio Precision General Manager. "It features a digital interface slot, allowing it to adapt to ongoing changes in digital audio. This ensures that the APx516B remains applicable, serving the needs of the extended R&D team and production test engineers worldwide."

"With the rise of digital and the global distribution of engineers, there's a pressing need for an uncomplicated, economical analyzer for both digital and analog audio. We need a dependable instrument to record and relay the audio signal, simplifying troubleshooting across dispersed teams," said a product design engineer at a leading consumer electronics company.

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