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Flextech AKT Launches Pocket A²B 1.0 and 2.0 Plus Audio — Adding S/PDIF and Analog Audio I/O to Industry-Leading A²B Bridge Test Tools

New Plus Audio models expand the Pocket A²B platform with direct analog and digital audio connectivity for automotive audio development and validation

Forstinning, Germany — April 16, 2026 — eVision Instruments, a European supplier of electronic test and measurement instruments, announces the availability of the new Pocket A²B 1.0 Plus Audio (SKU AKT-1050-B) and Pocket A²B 2.0 Plus Audio (SKU AKT-1150-E) from Flextech AKT (Audio Kimura Technology).

These latest models extend the proven Pocket A²B Bridge platform by integrating S/PDIF digital audio as well as analog audio I/O, allowing engineers to connect directly to amplifiers, DACs, ADCs, and audio analyzers without requiring additional external converters.

The Pocket A²B Bridge family has become the go-to toolset for automotive audio engineers working with Analog Devices' A²B bus technology. The compact, USB-powered devices support both A²B Main and Sub Node emulation with up to 32 input and 32 output audio channels, functioning as a full-featured USB soundcard. Engineers use them for bench development, lab validation, and in-vehicle testing across Software Defined Vehicle (SDV) architectures.

With the Plus Audio enhancement, Flextech AKT addresses a frequent request from the engineering community: the ability to interface directly with standard audio equipment. The addition of S/PDIF digital and analog audio inputs and outputs eliminates the need for external conversion hardware, streamlining test setups and reducing bench clutter.

"Our customers told us they needed a way to connect their Pocket A²B Bridge directly to their amplifiers and audio analyzers without stacking up additional converters on the bench," said a Flextech AKT spokesperson. "The Plus Audio models solve that problem elegantly — in the same pocket-sized form factor engineers already know and trust."

Key Features of the Plus Audio Models

- **S/PDIF digital audio I/O** — connect directly to digital audio equipment for bit-accurate signal analysis and playback
- **Analog audio I/O** — interface with amplifiers, audio analyzers, and other analog test equipment without external converters
- A²B Main and Sub Node emulation with up to 32 input / 32 output audio channels as USB soundcard

- Built-in signal generators, WAV file support, and audio VU meters
- **Optional Lua scripting** for fully autonomous operation and start-up sequences
- **RESTful command API over USB** for custom test integration and automation
- Autonomous bus configuration and discovery at power-up **with AKT Automation**
- Mailbox protocol support and full user programmability via AKT Automation Lua API
- Flexible audio routing — route any audio channel to A²B node or USB output

A²B 2.0 Support in the Pocket Form Factor

The AKT-1150-E (Pocket A²B 2.0 Plus Audio) brings A²B 2.0 capabilities into the same compact, pocket-sized enclosure. Designed for the AD245x transceiver family, it delivers built-in signal generators, autonomous bus configuration, and discovery at power-up — all combined with the new S/PDIF and analog audio interfaces. The AKT-1050-B supports the AD242x/AD243x (A²B 1.0) transceiver family, ensuring engineers have a Plus Audio solution regardless of which generation of A²B technology they are developing with.

Both models are part of the broader Flextech AKT Pocket tool ecosystem and are fully compatible with the Industrial A²B Bridge for teams that need to scale from bench-level prototyping to larger integrated test systems.

Availability

The Pocket A²B 1.0 Plus Audio (AKT-1050-B) and Pocket A²B 2.0 Plus Audio (AKT-1150-E) are available now. For pricing, technical specifications, and ordering information, visit <https://evision-instruments.com> or contact info@evision-instruments.com.

About Flextech AKT

Flextech AKT (Audio Kimura Technology) is a supplier of automotive A²B and digital audio test tools headquartered in Queen Creek, AZ. The company's Pocket A²B Bridge platform and Industrial A²B Bridge are used by automotive audio engineers worldwide for bench development, lab validation, and in-vehicle testing of Software Defined Vehicle architectures.

About eVision Instruments

eVision Instruments is a European supplier of electronic test and measurement instruments, headquartered in Germany. The company provides a broad portfolio of solutions including oscilloscopes, probes, protocol analyzers, power electronics test equipment, and embedded development tools. eVision Instruments supports engineers across various industries with applications ranging from bench development and lab validation to production testing and field diagnostics. With a strong focus on technical expertise and customer support, the company partners with leading manufacturers to deliver high-performance solutions tailored to modern electronic design challenges.