

PRESS RELEASE

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LYNXTechnik
Broadcast Television Equipment

LYNX Technik Expands Series 5000 Platform with New 12G-SDI Frame Synchronizer and Audio Processing Cards

New cards offer a seamless upgrade path to 12G-SDI workflows

May 6, 2025—Weiterstadt, Germany—[LYNX Technik](https://www.lynx-technik.com), provider of modular signal processing solutions is expanding its popular Series 5000 platform with three new 12G-SDI cards. The new cards provide reliable signal handling and advanced audio processing capabilities, helping customers smoothly transition to 12G-SDI infrastructure.

The new lineup includes:

- **PVD 5400 O** – 12G-SDI Frame Synchronizer
- **PDM 5248 UO DO** – 12G-SDI Digital Audio Embedder/De-Embedder
- **PDM 5348 O** – 12G-SDI Analog Audio Embedder/De-Embedder

Each card features an integrated optical SFP cage for fiber I/O and full compatibility with LYNX Centraal, the company's software platform for centralized control, monitoring, and firmware updates.

The **PVD 5400 O** is a single-channel 12G-SDI frame synchronizer built for Television Broadcast. The card supports up to 30 frames of video delay and re-embeds all audio channels after synchronization making it well suited for studio timing correction, live production, or signal feed management.

The **PDM 5248 UO DO** and **PDM 5348 O** cards provide flexible audio embedding and de-embedding for digital (AES) and analog audio sources. Both modules support full audio processing per channel, an integrated audio mixer, and up to 32 frames of audio delay. A built-in test pattern generator ensures a valid SDI signal for embedding even when no active input is present, which is ideal for testing, troubleshooting and transporting audio in a broadcast friendly format.

These cards are a smart addition for studios and facilities upgrading to 12G-SDI, offering control via LYNX Centraal and seamless integration with the Series 5000 ecosystem. They serve as drop-in

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replacements for existing installations and provide a simple path to higher bandwidth video without disrupting workflows.

"Series 5000 has always stood for modular, reliable processing," said Vincent Noyer, Director Product Marketing at LYNX Technik. "With these new Series 5000 cards, we're enabling customers to move into 12G-SDI production, without overhauling their entire setup."

The PVD 5400 O, PDM 5248 UO DO, and PDM 5348 O cards are available now through [authorized LYNX Technik partners](#).

About LYNX Technik:

LYNX Technik was founded in 2002 and is now an industry leader and technology provider of software and hardware interface solutions for real-time signal processing in audio-visual environments. LYNX Technik is an independent privately-owned company with its headquarters, research, and manufacturing facilities based in Weiterstadt, Germany. Sales and Support are covered through secondary distribution channels managed from its headquarters in Germany, USA (California), and Asia (Singapore). ISO 9001 and ISO 14001 accreditation demonstrate a commitment to quality and a determination to minimize environmental impact.

Product brands include greenMachine® multi-purpose processing platform, yellobrik® system as well as standalone plug-and-play modules, Series 5000™ rack and card-based series, LynxCentral™ control system, and the Testor portable test signal generator and waveform analyzer.

Products include audio/video/fiber conversion, audio/video distribution, fiber splitters, CWDM mux/demux, audio embedding / de-embedding, audio delay, image processing, frame synchronizers, test generators, 4K transmission solutions, as well as a line of rack frames and accessories.

For more information about LYNX Technik's products & services please visit: www.lynx-technik.com, www.lynx-usa.com. For sales, please email info@lynx-technik.com. You can also find LYNX Technik on [LinkedIn](#).

Press Contact:

Kimberley Hebdon
Delamere Marketing
Portland, Oregon USA
Phone: 310-469-8190
Email: kim@delameremarketing.com
kimberleyhebdon@gmail.com