PRESS RELEASE

FOR IMMEDIATE RELEASE

LYNX Technik Adds 12G SDI Audio Embedders/De-Embedders to its yellobrik Product Line

August 11, 2023 – Weiterstadt, Germany – LYNX Technik, provider of modular signal processing interfaces, has expanded its yellobrik lineup with two new AES and Analog audio embedders/de-embedders, both supporting SDI formats up to 12G.

The PDM 1484 B and PDM 1484 D are multi-purpose yellobriks supporting both embedding and de-embedding functions simultaneously. The PDM 1484 B *(**B**NC audio connection)* supports unbalanced AES audio, and the PDM 1484 D *(**D**-sub audio connection)* supports balanced AES and Analog audio. The modules allow access to four audio groups (16 channels), which can easily be selected and assigned by a rotatory switch on the unit or via LynxCentraal or yelloGUI software. By cascading or racking modules together, additional audio groups can be included in, or extracted from the video stream.

Ideal for applications that require multi-channel audio handling, these yellobriks embed or de-embed digital AES or Analog audio within any SDI video stream up to 12G with embedded audio automatically synchronized with the video. With the built-in "auto-black" generation mode, these modules can be used to transport audio signals only, without the need for an external video carrier. This provides a cost, space, and energy-efficient way to transport multi-channel audio over fiber (or coax) while avoiding the need for dedicated audio A/D converters and external optical conversion.

The "Bidirectional Master/Slave" functionality and CWDM multiplex capability expand the flexibility of the modules into dedicated bi-directional audio applications including for example communications, particularly between multiple locations linked only by dedicated or dark fiber.

Both models support fiber I/O options, including 3G/12G-SDI standard plug-in SFP fiber transmitters, receivers, and transceivers. All 18 wavelength channels of CWDM are also supported with dedicated SFPs.

As with all yellobriks, the new PDM 1484 B/D yellobriks are compatible with the yelloGUI and LynxCentraal configuration, control, and monitoring software applications. When connected to the software, additional internal settings and functions can be accessed.

For larger and more integrated system solutions, the new PDM embedders can be rack mounted in the RFR 1000-1 or the new RFR 1200 rack frames. Adding the RCT 1012 Rack Controller connected to a network allows the RCT 1012 to automatically discover the connected yellobriks and display them in the LynxCentraal control software. Further integration is achieved by adding the SVR 1000 Server module to the system which allows an unlimited number of workstations access to the system for configuration and monitoring. The SVR 1000 module also facilitates integration with third-party SNMP automation systems.

The new PDM 1484 B/D embedders will be available in August 2023 and will be showcased at IBC 2023 on stand 10.A10.

Caption: PDM 1484 B - AES (unbalanced) Audio Embedder / De-embedder, and PDM 1484 D - AES/Analog (balanced) Audio Embedder / De-embedder

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About LYNX Technik:

LYNX Technik AG® 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, LynxCentraal™ 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 Facebook, Twitter, and LinkedIn.

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