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LYNX Technik Expands Series 5000 Series with 12G Bi-Directional Quad SDI/Fiber Transceiver

November 23, 2020 – Weiterstadt, Germany – LYNX Technik, provider of modular signal processing interfaces, announces its new 12G bi-directional quad SDI/fiber transceiver for its rack and card-based Series 5000 Platform.

As the demand for 4K content increases, broadcast and production facilities often have the requirements to implement 4K into their existing workflows, which may still use a legacy coax infrastructure. The OTR 5444 has been designed to address these requirements all while preserving full uncompressed quality of the content as it delivers uncompressed 4K signals over fiber between equipment in a broadcast facility or over long distances.

It provides a bi-directional electrical to optical or optical to electrical conversion solution over four independent channels with support up to 12G SDI. Up to 8 modules can be supported in a standard LYNX 2RU rack frame. Optional fiber SFP sub-modules are available and are secured on the backplane allowing for card removal and hot swapping without removing any of the modules' rear I/O fiber connections.

The OTR 5444 includes four bi-directional electrical interfaces, four 12G SDI optical inputs and four 12G SDI optical outputs. The user can configure the card via the APPolo control software to set the signal flow direction to either transmit or receive on the optical side, depending on the specific application.

The Series 5000 is modular as it offers a broad range of cards that can be combined in a rack or series of racks to configure a compact system to suit virtually any broadcast application. Cards for the Series 5000 platform include: converters, distribution amplifiers, embedders/de-embedders, frame synchronizers, audio delay, audio distribution, test signal generators, multiplexers/demultiplexers, splitters, switches and a full range of fiber options (including CWDM) & accessories. All connected Series 5000 hardware is controlled through the centralized APPolo, a powerful yet simple software

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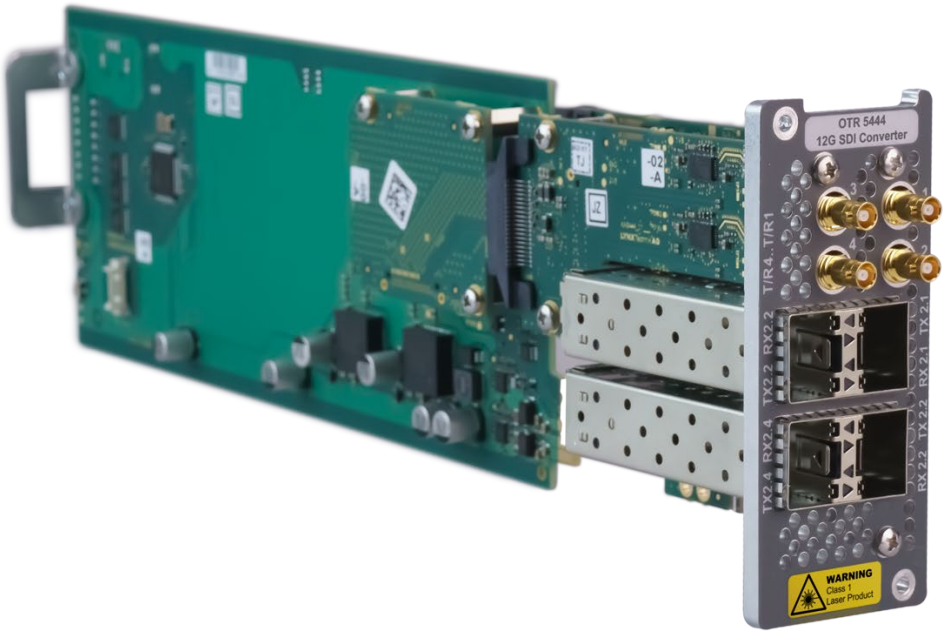
solution for remote control, status monitoring and error reporting. APPolo offers a unique user experience through its flexGUI, an intuitive graphic user interface that offers a simple way to visualize and control Series 5000 modules.

More information at:
https://www.lynx-technik.com/products/series-5000/otr-5444-12gbit-bi-directional-quad-sdifiber-transceiver



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 is covered through secondary distribution channels managed from its headquarters in Germany, USA (California), and Asia (Singapore).

Product brands include: greenMachine® multi-purpose processing platform, yellobrik® standalone plug-and play modules, Series 5000™ rack and card-based series, APPolo control system and the Testor | lite 3G digital test signal generators.

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.

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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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