

PRESS RELEASE

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LYNX Technik Announces Additional 48G Fiber Transmission System

Simplification system to reduce maintenance on next generation CWDM Systems

October 11th, 2021 – Weiterstadt, Germany – LYNX Technik, provider of modular signal processing interfaces, announces the launch of a new 8k fiber signal transmission system for its yellobrik series. This solution is ideal for the transmission of multiple uncompressed 12G SDI streams.

The LYNX Technik yellobrik (model: OTR 1A42) 8k fiber transmission system solves the challenge of transporting real-time, uncompressed 8k content (up to 48G) over up to 10km (6.2 miles) with zero signal degradation or loss. For 8k applications, the signal is split over four separate 12G SDI links (48G) and supports full 8k resolution at up to 7680x4320@60 Hz. Each of the four 12G/6G/3G/HD/SD-SDI channels are fully independent and individually reclocked.

The standalone, self-contained kit includes all the parts needed to send 8k uncompressed video over a single fiber link including an 8k optical transmitter, 8K optical receiver and power supply (excluding a fiber cable). The new OTR 1A42 8k fiber transmission solution can also be paired with the yellobrik OTR 1A41 8k fiber transmission solution to enable 96Gbit/s throughput over fiber system.

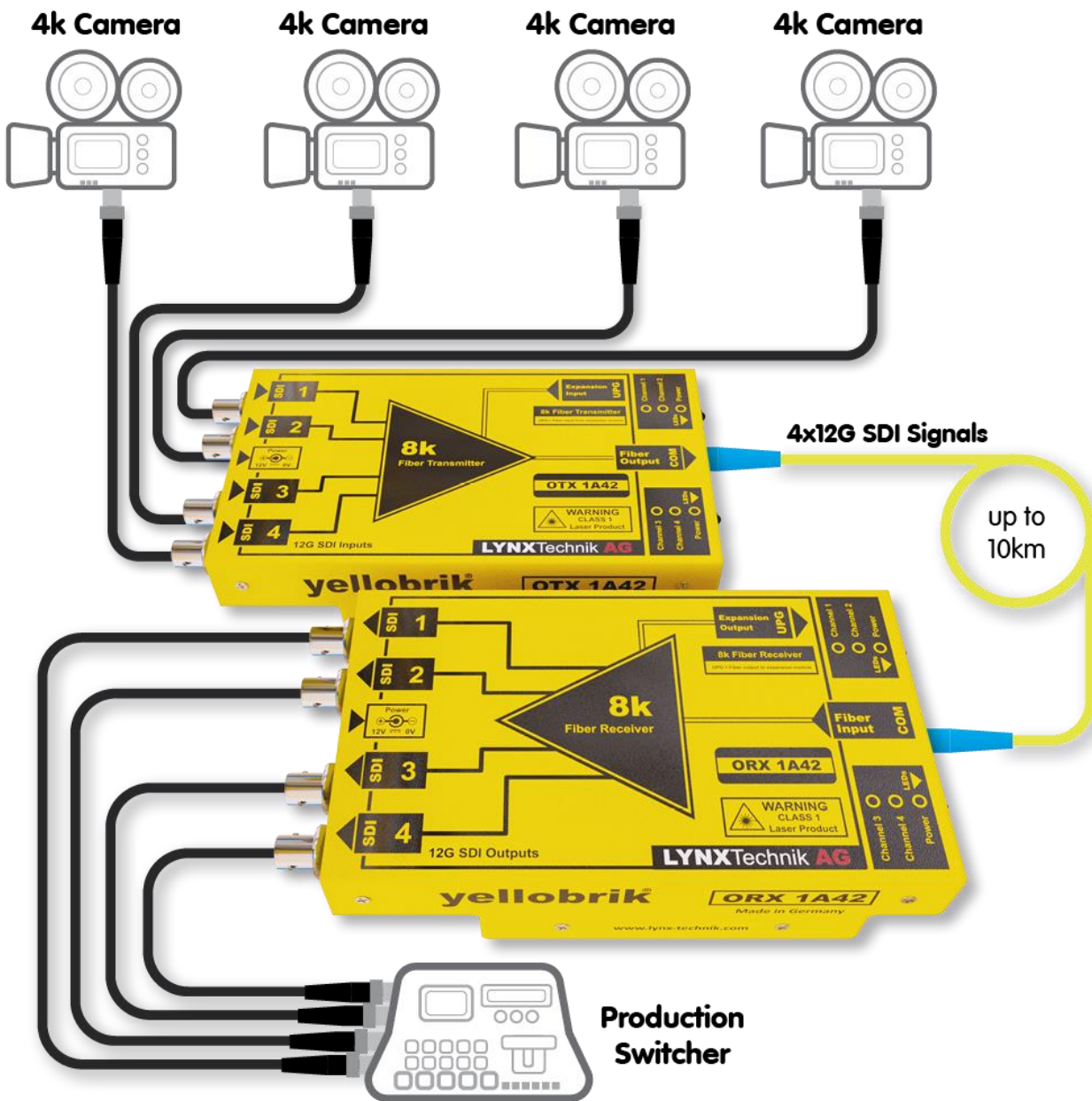
Full audio support makes this 8k transmission set a fully-featured solution. The modules transparently transport all embedded audio, metadata and ancillary data which is present in each of the four independent SDI streams.

This system can be used as standalone or mounted onto 19" yellobrik rack trays to build a larger 8k transmission system.

More information can be found here: https://www.lynx-technik.com/p/otr_1a42

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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 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.

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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