

PRESS RELEASE

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## **LYNX Technik AG Announces new 4K HDMI to 12G SDI Converter with Integrated Frame Synchronizer**

**September 4, 2023 – Weiterstadt, Germany** – LYNX Technik, provider of modular signal processing interfaces, is debuting its new 4K HDMI to 12G SDI Converter with Frame Synchronizer at the upcoming IBC 2023 event on stand 10.A10.

The CHD 1412 converts an HDMI 2.0 source signal (up to 4K) to an SDI signal up to 12G. It is an ideal throw-down module or system solution for any professional video and media application where users need to convert an HDMI 2.0 signal to 12G SDI in real time and without any loss in signal quality. This new yellobrik converter complements the existing CHD 1821 HDMI to SDI converter, which supports SDI resolutions up to 3G 1080p. Both modules fulfill the need for a fully synchronized SDI input from an external asynchronous HDMI source.

The integrated frame sync will synchronize, and frequency lock the incoming signal to a broadcast station's reference signal and allows for precise timing adjustments. This is especially useful when asynchronous HDMI sources are required in a broadcast environment. All embedded PCM audio is passed transparently from the HDMI input and embedded in the SDI output, which can be overwritten with external audio if necessary. As with many yellobriks, an SDI fiber output is available in various SFP options.

For an integrated yellobrik system solution, the new CHD 1412 yellobrik can be rack mounted with other yellobriks in the RFR 1000-1 or the new RFR 1200 rack frames. All local controls are conveniently available on the module itself, and the module is fully compatible with the LYNX Technik yelloGUI and LynxCentraal software for advanced settings, control, and configuration.

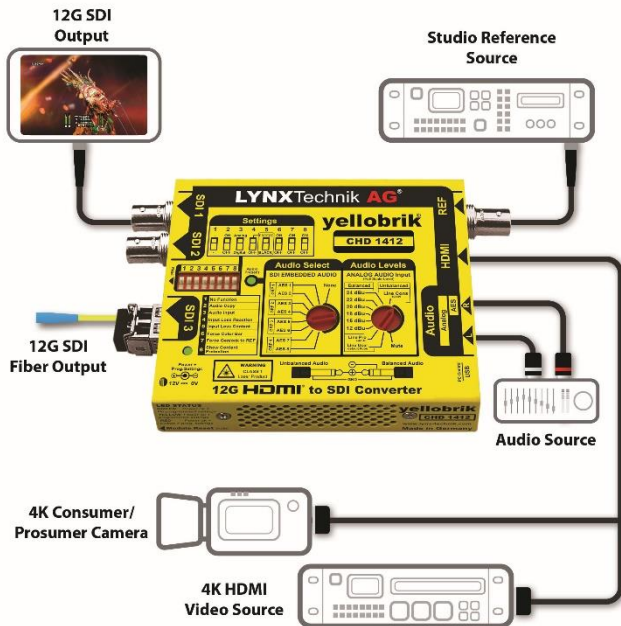
The new CHD 1412 yellobrik will be available in September 2023 and will be highlighted at IBC 2023 on stand 10.A10.

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Caption: CHD 1412 yellobrik module



Caption: CHD 1412 yellobrik HDMI 2.0 to 12G SDI Converter + Frame Synchronizer in Application Example

#### 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

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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](http://www.lynx-technik.com), [www.lynx-usa.com](http://www.lynx-usa.com). For sales, please email [info@lynx-technik.com](mailto:info@lynx-technik.com). You can also find LYNX Technik on [Facebook](#), [X / Twitter](#), and [LinkedIn](#).

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