

PRESS RELEASE

FOR IMMEDIATE RELEASE

LYNX Technik Enhances greenMachine Testor with AV Sync Feature at NAB 2023

***Showcases Award winning HDR Evie+ HDR > SDR converter
Sneak Peak of the Dynamic AI-driven SDR > HDR converter***

April 11th, 2023 – Weiterstadt, Germany – LYNX Technik, provider of modular signal processing interfaces, is debuting a new AV Sync feature for its greenMachine Testor. greenMachine Testor is the Company's flagship multi-format test signal generator, which will be showcased at NAB 2023 in booth C2616. The Testor is a 4K/UHD and quad-channel 3G SDI device that produces different types of signals and frequencies for a variety of in-studio and in-the-field purposes such as testing and troubleshooting.

The new AV Sync Generator feature complements the Sync Analyzer feature already available for greenMachine Testor. Together, the AV Sync Generator and Analyzer provide an effective and highly accurate tool for measuring AV sync delays, errors, and audio channel swaps. They serve as a precision timing and measurement solution for aligning audio and video in a single SDI signal path. In a broadcast environment whereby video and audio data are not always correctly in-sync, the AV Sync Analyzer measures and verifies audio and video timing and delays, which allows operators to identify mismatched AV timing and verifies whether audio channels have been swapped.

Up to four signal chains can be measured at the same time, with measurement results shown within LYNX Technik's centralized software solution, LynxCentraal. In addition, the measurement results can be overlaid on the incoming measured signal and routed out of greenMachine's SDI output for external monitoring. This new feature is free to all existing greenMachine Testor users.

In addition, LYNX Technik has teamed up with Hochschule Rhein-Main to present a NAB2023 technology sneak peek of how SDR content can be automatically converted into HDR material. Using AI, every pixel in the image is analyzed and re-evaluated in terms of brightness and color saturation and all in an automated way.

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LYNX Technik will also be showing its award-winning HDR Evie+, a segmented frame-by-frame HDR > SDR conversion tool for its greenMachine multi-purpose processing engine and platform. HDR Evie+ has earned distinction in the market due to its unique approach to HDR to SDR conversion. HDR Evie+ converts HDR to SDR and retains exceptional detail in darker areas and preserves the detail in bright areas that would be burned out by more basic HDR to SDR converters. It makes use of patented dynamic segmented frame-by-frame algorithms that use sectional dynamic tone mapping that allows adjustment of each segment (144 segments/frame) of the 3G or 4K HDR content all in real-time.

LYNX Technik will be at NAB2023 on booth C2616.



About LYNX Technik:

LYNX Technik AG - Brunnenweg 3 - Weiterstadt - D-64331 Germany - +49 (0) 6150 18170 FAX +49 (0) 6150 181700
info@lynx-technik.com - www.lynx-technik.com

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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[®] 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](#).

Press Contact:

Kimberley Hebdon
Delamere Marketing
Los Angeles, California USA
Portland, Oregon USA
Phone: 310-469-8190
Email: kim@delameremarketing.com
Skype: fullerkim