

Press Info

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NTI shows Digirator DR2 - handheld digital audio signal generator

Schaan, Liechtenstein – With the launch of the Digirator DR2, NTI presents a prototype of the long anticipated digital audio generator. DR2 produces all common audio test signals with sampling frequencies up to 192 kHz and resolution up to 24 bit. Digirator features a sync-input allowing the instrument to be synchronized to video and audio signals. A comprehensive set of surround signals in the formats Dolby D, D+E, Pro-Logic II, DTS and DTS-HR equips the DR2 for coping with the challenges of the multi channel audio applications. Additional powerful functions are transparency- and signal latency measurements.

Digirator DR2 provides at the AES3, S/PDIF, TOS-Link and ADAT outputs a complete suite of audio test signals. The powerful WAVE-file playback functionality allows transferring customized test signals from the PC to the DR2.

Synchronization

Philipp Schwizer, CEO of NTI AG, reports: "For working in a professional environment, a digital signal source has to feature the ability for being synchronized to existing house- or studio clocks. For this reason, our engineers paid high attention in implementing easy synchronization with AES3, DARS, WORD-Clock as well as video black burst signals in the PAL and NTSC format." The load impedance may be altered between 110 ohms, 75 ohms and High Z.

Dolby and DTS compatible surround signals

"With the appearance of an increasing number of channel audio formats in the day-to-day business we also put an emphasis here and implemented typical signals streams in all commonly used formats, such as Dolby D, D+,E, PL II, DTS and DTS-HR", further comments Mr. Schwizer.

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NTI at:

AES

Austria Center
Vienna, Austria
May 5 – May 8, 2007
Booth 1927, Hall Y

IBC

RAI Centre
Amsterdam, Holland
Sep. 7 – Sep 11, 2007

AES Convention

The Javits Center
New York, NY, USA
Oct 5 - Oct 8, 2007



The transmission of these compressed formats stringently requires transparent audio links with sufficient bandwidth. Thanks to the additional digital input of the DR2, the instrument is able to measure and visualize the transparency of transmission lines and verifies the suitable multi-channel formats.

Additionally DR2 is able to measure the signal latency from the output to the digital input and expresses the round-trip-delay of the digital audio signal in milliseconds and as a number of video frames.

DR2 will be available in the fourth quarter 2007.

Further technical information is obtainable at www.nti-audio.com

About NTI

NTI AG develops highly qualified and customized measurement solutions for the Pro-Audio and telecommunications industry. NTI's main product lines are the Minstruments, the A-Series audio generators, and the RAPID-TEST production line test systems as well as complete loudspeaker tests solutions based on PureSound. The headquarters of NTI are in the Principality of Liechtenstein (Europe). Subsidiaries are NTI Americas Inc in Portland as well as NTI Japan in Tokyo.

Information for Journalists:

1. Hi-res product pictures are available for download at: www.nti-audio.com
2. Evaluation units for journalists will be available in September on request. Please contact us by mail: support@nti-audio.com
3. For sales information and pricing, kindly contact your nearest NTI sales office. For technical product information please contact NTI HQ directly by mail: support@nti-audio.com