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Press release

March 2005

NTI launches TalkBox for speech intelligibility measurements.

Schaan, Liechtenstein – NTI introduces the TalkBox, the missing link for the complete evaluation of speech intelligibility in emergency life & safety announcement systems, from the talker's microphone to the listener's ear.

Using the TalkBox greatly simplifies the feed of the STI-PA intelligibility test source signal in closed sound reinforcement systems, as it presents the standardized voice-like acoustical signal emission simulating a human talker according to IEC 60268-16, combined with a TNO certified speech intelligibility signal at standardized levels.

The TalkBox features human head-like dimensions and is based on a Solid-State-Generator. It perfectly equalizes the STI-PA test signal and replays it at the precisely correct playback sampling rate, also minimizing systematic errors through the internal amplifier and internal precision loudspeaker.

Due to the required overall accuracy of ± 1 dB over the relevant frequency range, each TalkBox is individually equalized and calibrated for precision output. The radiation characteristic complies with the ITU-T P.51 in wide ranges.

The speaker may additionally be muted via an external remote control interface. Other test signals such as Delay Chirp, Polarity Signal, & White and Pink Noise are also available and are fed to the XLR output with flat equalization. A microphone stand thread and a carrying case complete the functionality of the TalkBox.

“The TalkBox is extremely simply to operate and finally completes the entire chain of speech intelligibility measurements. The portable STIPA implementation is gaining more and more popularity and the launch of the TalkBox is the logical step to complete the measurement chain from the talker to the listener.” says Philipp Schwizer, CEO of NTI AG.

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NTI an:

NSCA Show

Orlando, USA

Mar 10 - 12, 2005

Booth #1819

Pro-Light & Sound

Frankfurt, Germany

Apr 6 – 9, 2005

AES Convention

Barcelona, Spain

May, 28 – 31, 2005

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Please contact NTI support specialists for your test applications at

support@nt-instruments.com.

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Product pictures are available for download at:

www.nt-instruments.com/presspictures

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 voice band 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 in Portland and NTI Japan in Tokyo.