

# Press Info

September 2006

For further media information please contact  
Isabella Niffeler, PR Manager  
i.niffeler@nti-audio.com  
+423 239 60 60



## Software/Firmware extension for NTI PureSound technology

**Schaan, Liechtenstein, 20<sup>th</sup> September 2006: NTI announces a new version of the RT-Speaker™ software package for automated transducer and loudspeaker production testing with their RT-2M audio analyzer. The new release V2.90 also supports extended test project handling with conditional branches into other projects based on measurement results, as well as control of input and output switchers. Also available in conjunction with new instrument firmware are simultaneous high speed traditional distortion measurements.**

Key features for a modern, State-of-the-Art Speaker Test System are reproducibility, automation, speed and simplicity of setup and use. The RT-2M Audio Analyzer and the PC-based production software RT-Speaker together form a complete Speaker Test System that includes exactly these features. A key element in RT-Speaker is the PureSound™ defect testing technology, enabling the system to conduct a unique and reliable Rub & Buzz defects analysis with a 100% correlation to the human ear.

The concise user interface simplifies the operation for every level of operator. The complete system setup and configuration for a new transducer may be completed in less than 30 minutes by factory production personnel, while administrative software control may still be regulated to match different worldwide corporate needs.

All projects are selected and handled in the navigator window and changing projects may be executed manually or based on test results, or even from barcode inputs. With an attached bar code scanner, the appropriate test sequence may automatically and consistently invoked without error.

The new harmonic distortion measurements may be used separately or simultaneously with other measurements. The available distortion measurements include: THD+N, THD, & k2, k3, k4 or k5 individual harmonic analysis. Needless to say that all the measurements are optimized for speed up to the physical limits, offering maximized utilization of the production lines.

### **NTI Head office**

Im alten Riet 102  
9494 Schaan  
Liechtenstein  
Europe

[info@nti-audio.com](mailto:info@nti-audio.com)

Phone: +423 239-6060

Fax: +423 239-6089

[www.nti-audio.com](http://www.nti-audio.com)

### **NTI-Americas**

P.O. Box 231027  
Portland, Oregon  
97281 USA

[americas@nti-audio.com](mailto:americas@nti-audio.com)

Phone: +1 503 684-7050

### **NTI-Japan**

Ryogokusakamoto Bldg.  
1-8-4, Ryogoku, Sumida-ku  
Tokyo 130-0026  
Japan

[info@nti-japan.jp](mailto:info@nti-japan.jp)

phone: +81 3 3634 6110

fax: + 81 3 3634 6160

### **NTI at:**

#### **121<sup>st</sup> AES Convention**

Moscone Center  
San Francisco  
Oct. 6 – 9, 2006  
Booth# 836

#### **Tonmeistertagung**

Leipzig, Germany  
Nov. 16 – 19, 2006

#### **Integrated Systems**

Amsterdam, Holland  
Jan 30 – Feb 1, 2007  
Booth# A111



The optional Input Switcher RT-IS and Output Switcher RT-OS support automated sequential measurements e.g. of assembled speaker systems with crossovers or for testing of speaker parameters with two or more microphones placed at different locations, such as at the front & rear side of woofers.

The new software V 2.90 is available now. All RT-Speaker customers may upgrade to the software themselves. Recorded production log data files are of course compatible with previous versions.

For sales information, please contact your nearest NTI factory office or authorized distributor. For technical or product-related questions please contact NTI support specialists at [support@nti-audio.com](mailto:support@nti-audio.com) .

For media information or evaluation requests please contact:

Isabella Niffeler, PR Manager  
[i.niffeler@nti-audio.com](mailto:i.niffeler@nti-audio.com)  
+423 239 60 60

Product pictures are available for download in the press section at:  
[www.nti-audio.com](http://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 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 as well as NTI Japan in Tokyo.