

Press Info

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NTI PureSound Speaker Test System with new features & v. 3.01 software

RT-Speaker V3.01 is the newest software upgrade for the NTI PureSound speaker test system. New 3.01 functionalities include enhanced user test sequence capability, support for direct DC-resistance measurement for Thiele/Small parameter calculations, a multi-purpose digital input/output interface control for automated measurement tasks and other features. The resulting enhanced PureSound system further simplifies even complex sequences of multiple measurement tasks, and is tailored to the needs of today's ever more sophisticated automated production lines.

Complex follow-on tests and sequence control are made easy with new built-in functionality. Direct measurement of DC Resistance of the driver under test enables precise calculation of the quality factors Q_{ms} , Q_{es} and Q_{ts} . The PureSound system eliminates disturbing external vibration in the test environment and so measures the speaker resistance accurately. This results in precise definition of the quality factor of even the largest woofers. The DC resistance measurement is carried out by an accessory external voltmeter and a NTI current source, both under automated program control.

RT-Speaker V3.01 also offers a new user-defined digital input/output interface configuration. Any individual test results may be used to control digital output lines to an external automation control system or even a "smart fixture". For example, using automatic product handling driven from the interface, different quality classes could be physically separated based on specific performance levels or types of defects.

Further new features of RT-Speaker V3.01 include simultaneous reading & display of up to 5 different sound pressure levels at individual frequencies as well as floating tolerances for frequency response measurements.

RT-Speaker is a free upgrade, reflecting NTI's commitment to continuous product improvement.

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The PureSound speaker test system measures any audible speaker defects and includes the RT-2M high-speed audio analyzer and RT-Speaker software. Users around the world rely on PureSound's unique ability to discern even the most subtle rub and buzz defects without using the subjective judgments of operators - or systems which must be constantly monitored, "taught" or re-configured in order to detect ever changing types of speaker defects. As a result, leading worldwide manufacturers have standardized PureSound as a part of their test specifications.

More detailed information about the NTI PureSound speaker test system is available at www.nti-audio.com

About NTI

NTI AG develops highly qualified and customized measurement solutions for the Pro-Audio and telecommunications industry. The product lines include 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.

NTI's headquarter is in the Principality of Liechtenstein (Europe). Subsidiaries are NTI Americas Inc in Portland as well as NTI Japan in Tokyo.

Information for Journalists:

- Hi-res product pictures are available for download at: www.nti-audio.com
- For sales- and pricing information, kindly contact your nearest NTI sales office. For technical information please contact support@nti-audio.com