



Audio Software test solution for audio validation & production test

- Generation and analysis capabilities
- System calibration
- Analog In and Out support
- Step Types integration in NI TestStand

Audio Test Step		
Hardware platform		Signal plug-ins
Input hardware	Soundcard (headset)	Multi-tone etc...

Key Selling points

- Configuration based on NI Teststand - no hardware programming needed
- Support for multi hardware platforms
- Automatically performs a wide variety of measurements tailored to various test types
- Includes a complete calibration system
- Offers development of advanced limits
- Ability to view data in real time (Live View)

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CATS – Audio Testing Software

Examples

Software & hardware incl. documentation and test data management package.

Headset test incl ANC - R&D and Production

- Multitone signal and FFT RMS Response

Hearing aid test – R&D and Production

- Stepped Sine Wave – RMS Response, THD etc
- Amplitude Sweep – linearity
- HW: acoustical chamber, NI PXI hardware, cabling and microphones.

”Soundcard” test – Production

- Multitone and general test, for both input and output.
- Test Coverage justified by testtime (number of channels)
- Used Customer API for communication with Test Device (Bluetooth and cabled)

CATS is:

- Windows 10
- Labview 2016
- TestStand 2016
- TestStand importer and upgrade tool
- New limit editor
- Software Licens from ”Software key”

