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August 2009

New Dubai Airport Terminal passes STI-PA Measurements

The new Terminal 3 and Concourse 2 at Dubai International Airport have been commissioned last October. Prior the grand opening the Berlin based company Rahe-Kraft measured all halls for good speech intelligibility of the PA-system. One of the key tools was the portable Acoustilyzer AL1, which saved them a lot of time in their project; the STI-PA measurements could be completed faster than expected.

The German acoustic consulting company Rahe-Kraft was appointed to design, predict and commission the complete public address system for the new Dubai airport terminal. The system consists of approximately 4.000 ceiling loudspeakers, 600 passive arrays and about 140 active arrays. Only 18 active DSP-controlled loudspeakers service the huge baggage claim hall (235 x 220m).

Time-saving STI-PA measurement by Acoustilyzer

The commissioning of the system was conducted by Jakob Kraft personally. Due to the large distances, wired measurements were impossible in many areas; thus a handheld meter was the only choice for reliable measurements in these areas. After completing the project successfully Jakob Kraft reported: "The AL1 with the STI-PA option for speech intelligibility measurement was an indispensable help at this important assignment. I was able to make several hundred STI-PA measurements in just one night only by myself. An operator in the main switch room enabled the STI-PA test signal from zone to zone, allowing me to verify the speech intelligibility at all assigned measurement positions." Jakob Kraft summarizes: "In Dubai I learnt to appreciate the Acoustilyzer for such onsite projects. The typical STI-PA test results in the new terminal 3 are in the range from 0.50 – 0.65 STI. Thus since the opening of the airport, the public address system runs to the client's satisfaction."

Read more about recent projects of Rahe-Kraft at www.rahe-kraft.de

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About NTI

NTi Audio AG develops highly qualified and customized measurement solutions for the pro audio and telecommunications industry. NTi Audio's main product lines are the Minstruments, the A-Series audio analyzers, the RAPID-TEST production line test systems as well as complete turnkey tests solutions based on PureSound – a unique defects analysis technology. The headquarters of NTi Audio are in the Principality of Liechtenstein (Europe). Subsidiaries are NTI Americas Inc in Portland, NTI China in Suzhou and NTI Japan in Tokyo. NTi Audio AG is the new company name of the earlier NTI AG.

Information for journalists:

Hi-res product pictures are available at the NTi Audio website - press area: www.nti-audio.com/tabid/220/Default.aspx