www.dr-jordan-design.de

WinAudioMLS

ASIO
24 Bits / 192kHz
64 Channels

Dr · Jordan · Design

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WinAudioMLS is a powerful tool for measuring acoustical parameters with a PC. By using the PC environment, it is not only a cost efficient replacement for classical laboratory equipment. WinAudioMLS offers more powerful features combined with a comfortable user interface. Typical applications are in the area of audio-measurements with focus to room acoustics. WinaudioMLS uses highly sophisticated techniques like „Maximum Lenght Sequences" MLS or LOG-sweep to measure reverberation parameters fast and reliable.

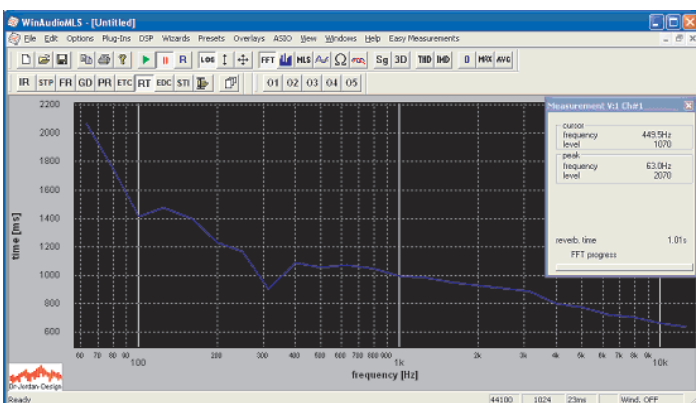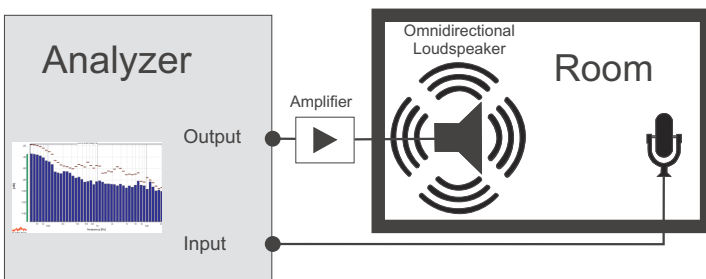By using small notebooks , you can easily build a mobile measurement system.

Description

- FFT based spectrum analyzer
- Frequency range 0 to 100kHz
- Includes a signal generator
- Measurement with   "Maximum Length Sequences" (MLS) and LOG-sweep (Chirp)
- Real-time cursor
- Data can be easily exported

Measurement of Room Acoustics

- Conforms to IEC/ISO 3382
- Easy measurement with a wizard
- Measurements results can be stored in an automatic report
- Broadband calculation of reverberation time
- 1/1 and 1/3 octave resolution
- Room impulse response measurement with MLS and LOG-Sweep (Chirp)
- Measurements via impulse excitation or switched noise are supported
- Export and import of room impulse responses via .wav files
- Plot of energy decay curve (Schroeder plot)
- Configurable to measure RT60, RT30, EDT (Early Decay Time) and others
- Measurement of clarity and definition
- Selection of average range directly at the Schroeder plot using mouse
- Speech intelligibility STI+RASTI+STIPA (IEC 60268-16)
- Long term level (LEQ)
- RTA with 1/1-1/32 octave resolution

System requirements

- Windows 2000/XP/Vista/Win7
- Windows compatible soundcard