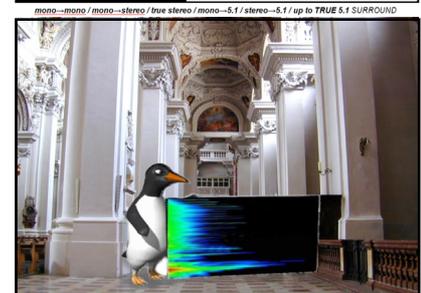


29.5.2005 Release of the new HDIR-CREATOR.

Intensive research by PINGUIN has resulted in development of a new and unique software tool for flexible capture of room acoustics in true surround. HDIR-CREATOR generates HIGH-DEFINITION IMPULSE RESPONSE files from real acoustic spaces. These HDIRs meet new specifications for assuring highest quality. After providing user guidance while recording all responses, HDIR-CREATOR offers up/down-sampling, filters, time alignment, envelopes, dynamic expansion, radiation pattern presets and the adjustment of different markers for direct, ERs, fades and reflections. Export is possible to all convolution engines as well as the latest TRUE-HDIR convolvers such as the new Wizoo plugins or the upcoming WEISS POWERHOUSE hardware. (www.weiss.ch)

Acoustic Instant Camera – Automatic and manual modes

HDIR CREATOR



LEQ(m) Loudness Meter

15.6.2005 Release of a LEQ(m) Loudness Meter.

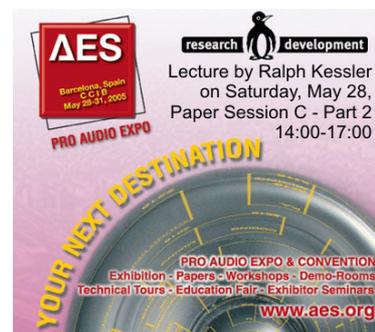


A new option offering different methods for time-averaged measurement is available for the Pinguin PG-SM Surround Meter. **Leq(m)** uses a Dolby™-recommended weighting filter to measure the level of annoyance in **movie soundtracks**. **Leq(a)** assists in determining the DIALNORM parameter for DVD-Video ac3 streams. Also included is a new DRAFT by Germany's **IRT** for measuring surround audio program for broadcasters. Studio Babelsberg ordered five of these advanced new Surround Loudness Meters! Pinguin also intends a future release of this capability as a VST plugin.

Saturday, May 28, 14:00 — 17:00 Session C Spatial Perception and Processing, Part 2

An optimized method for the creation and modelling of authentic "acoustic fingerprints" of an arbitrary acoustical space is presented. The methodology is intended primarily for experienced recording engineers who possess the necessary elements (a loudspeaker, typical sound recording equipment, and knowledge of microphone placement) for the discussed room sampling method.

References: AES Convention Paper 6342



WIZOOVERB W5 WIZOOVERB W2



Wizoo released the W2 as first HDIR Product - May 18th 2005 Coming June 2005: W5 featuring 5.1 Surround

After listening to the HDIR quality in work by Oscar-winning Movie composer Hans Zimmer, Steinberg co-founder Manfred Rürup and Wizoo founder Peter Gorges decided to licence the Pinguin HDIR Library for their new WizooVerb plugins.

"...the **High Definition Impulse Responses (HDIR)** raise the benchmark of reverb quality to a new level."

(quote from www.wizoo.com)