

The LAT-1000 Lossless Acoustic Transducer

- Retuned enclosure for superior low frequency response.
- Reconfigured front baffle to accommodate all-new driver complement.
- Reconfigured rear baffle features all-new single port design for enhanced low frequency tuning.
- New midrange and tweeter layout improves on-axis frequency response and sound quality.
- New, 8" custom made ScanSpeak woofer features massive, 0.8mm thick aluminum cones. High tech rubber surround and large motor for greater low frequency capacity.
- New 5.25" ScanSpeak midrange driver features magnesium cones, rubber surrounds, and phase plugs for improved mid-band clarity.
- New 1" ScanSpeak tweeter provides superior high frequency detail.



- Woofer crossover: Second order Bessel low pass filter @ 283 Hz
- Midrange Crossover: Second order Bessel high pass filter @ 275 Hz and third order Butterworth high pass filter @ 1,850 Hz
- Tweeter crossover: Third order Butterworth high pass filter @ 2,800 Hz
- The massive, tuned bass port, 30" long, with a volume greater than 300 cubic inches, helps lower the bass frequency response by 1/3 octave.
- Impedance matching and power handling techniques are employed at every crossover stage to maintain accurate frequency response and stability at high output levels.
- Frequency Response: 28 Hz - 30kHz +/- 3dB, (89 dB SPL).
- Impedance: 3 Ohms (nominal).

THE LAT-1000

The LAT-1000 extends the already impressive performance of the LAT-1 to a new level. Building upon the foundation of solid aluminum cabinetry and high-current crossover design that distinguished the LAT-1 the LAT-1000 frequency response extends 1/3 octave lower than its predecessor. The LAT-1000 has improved midrange resolution and enhanced high frequency detail. All new drivers feature greater range, better power handling, low mass components, and very low

distortion. The LAT-1000 brings the dynamic nature of the world's best recordings to life in a manner that is a joy to experience.

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