

Every component of the new D201 has been completely upgraded from its previous generation to create a premium device with the ultimate in mechanical design, power and circuitry.

Musica D201

32 bit DAC 786 khz / DSD 1024 hi-res , digital Preamplifier & phones amplifier



State-of-the-art digital processor with dual-speed high-precision floating-point filter digital processing circuitry

circuit configuration for direct D / A conversion of the DSD signal. Support for playback of 12.6448 MHz (2-channel 1-bit DSD) and 786 kHz (32-bit 2-channel PCM) high-resolution sources.

4 digital inputs including Aes-ebu and USB.

sample rate reading and number of quantization bits of the input source based on actual measurement.

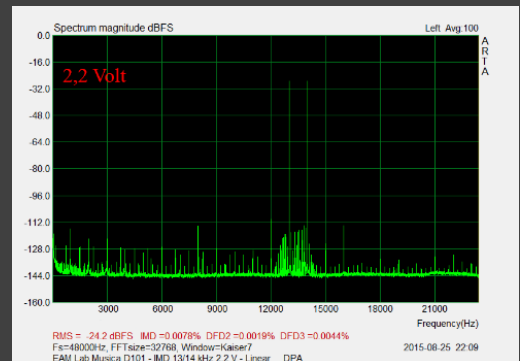
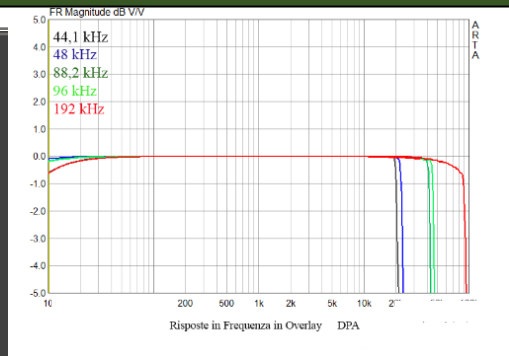
Digital pre-amplifier and headphone amplifier

- A total redesign of every component turns the D / A converter into a spectacular conversion machine. New listening impressions await you with extraordinary music reproduction capability

The D201 uses 16 (8 + 8) 32-bit Hyperstream™ DAC circuits connected in parallel to achieve low noise and phenomenal linearity. Its Saber 9038PRO chipsets are manufactured by ESS. In addition to processing DSD signals directly, a new proprietary processing algorithm performs analog conversion of PCM data with 36-bit resolution for rich, smooth and delicately detailed sound quality.

the performance improvement offered by this Eamlab proprietary principle results in output signal noise at very low levels, a feat that is very difficult to achieve with conventional delta-sigma converters.

The dedicated Crystek quartz oscillator is used as a master clock to drive the D / A converter in asynchronous mode with the double advantage of also having a significantly reduced jitter



Eight parallel connected D / A converter circuits ensure exceptional performance in all aspects, including superb S / N ratio and surprisingly low harmonic distortion.

Eamlab HDCA™: Buffer and amplifier for output signals, offers powerful direct current transmission



The high-speed current transmission capability is the most important factor. It is the ability of an analog output circuit to transmit the wide dynamic range of a music signal without loss. The extensive resources invested in the D201 in the output buffer amplifier circuits greatly extend the limits of its performance as a line driver. Featuring a high current output capability, these high performance elements boast an exceptionally high signal rate of change with a slew rate close to 500V / μs as an indicator of its remarkable response speed.

The top-level buffer circuit configuration of the D201 features four modules for the RCA outputs and two circuits each for the + and - terminals of the XLR outputs.

Maximizing its ability to deliver instantaneous current output, the D201 reproduces the full dynamic range of music with breathtaking realism





Technical Specification

- **THD** < 0.002%
- **S/NR** > 121db
- **Channel separation** >117db
- **Input** : coax / optical/ AES_EBU / usb
- **Sampling freq USB** 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz (16 to 32 bit 2-channel PCM) 2.8224 MHz, 5.6448 MHz (1-bit 2-channel DSD)
- **COAX PCM** 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16 to 24 bit 2-channel PCM)
- **Optical PCM** 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz (16 to 24 bit 2-channel PCM)
- **Freq response** : 2hz – 80 Khz +/- 3db
- **Dynamic range** > 118db
- **Output level control** 0 to -80db
- **Output Voltage** RCA 3.8 Vrms / XLR 1.8 Vrms
- **Trigg In** : 5 to 20 V
- **Trigg out** : 5 or 12 V selectable
- **Idle power** : 1 W stand-by / 10 W idle
- **Dimension** : 420 * 390 * 100 mm
- **Weight** : 12Kg

The specifications and appearance of this product are subject to change without notice.

Eam Laboratory

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www.eamlab.com