



VOLUME

VOLUME-HP

38

10

PURE DAC

48



INPUT

USB



VOL



MUTE

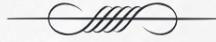
V VOL-HP ^



PURE DAC

# PURE DAC

The PureDAC delivers a digital to analog converter of the highest quality. It combines its DAC with a balanced preamplifier, a reference-level balanced headphone amplifier, and B.M.C.'s exclusive Digital Intelligent Gain Management (DIGM), a volume and amplification control system that calibrates gain without dividing or downgrading the input signal.



The PureDAC's balanced preamp is integrated with the DAC's current-to-voltage converter, which converts and filters the DAC's current, eliminating the need for an extra stage. The Preamp and headphone amp both employ B.M.C.'s exclusive Load Effect Free (LEF) technology that handles current demand separately from the voltage demand, and naturally avoids distortions increasing the preamp and amp's quality of its audio reproduction.



The PureDAC also boasts separate volume controls for the preamp and the headphone, a high-resolution asynchronous USB interface, digital AES/EBU, Toslink and coaxial inputs, balanced analog outputs, RCA output jacks, and a special B.M.C. link for connecting directly to a B.M.C. amplifier. Its balanced output is ideally compatible with amplifiers featuring B.M.C.'s exclusive Current Injection (CI) technology, which enhances signal purity and the musical presence of the PureDAC's audio reproduction.



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## THE NEW GENERATION B.M.C.

### Features:

- Top-grade Digital/Analog Converter with Current Injection current-to-voltage (I/V) conversion
- High-resolution asynchronous USB interface up to 24bit/192kHz
- ASIO driver for Windows; Linux and Mac compatible



- AES/EBU, coaxial and Toslink digital inputs
- Balanced, reference-class headphone amplifier with digital/analog power conversion (DAPF), load-effect free (LEF) technology, a lateral MOSFET, a super-low impedance LEF output stage, and lossless Digital Intelligent Gain Management (DIGM) volume control
- Balanced LEF, CI-compatible preamp that optionally operates in B.M.C. Mode, with DIGM and a vertically diffused metal oxide semiconductor (DMOS) and LEF-balanced output stage.
- Separate volume controls for the line and headphone sections
- Second-generation DIGM with optimized gain distribution between power amps and internal and DIGM volume levels
- Optical B.M.C. Link for connecting with B.M.C. amps like the PureMono
- Remote Control
- Massive and stylish extruded aluminum chassis
- Dimensions: 14.37 x 4.06 x 12.91 inches, W/H/D (365 x 103 x 328 mm)
- Weight: 11.9 lbs (5.4 kg)



## THE SOUND OF NATURE





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THE SOUND OF NATURE