

Monsalvat

PRE-2



MONSALVAT PRE-2

Verity Audio's Monsalvat Pre-2 digital preamplifier is directly derived from our Monsalvat's breathtaking Pro-6, sharing the same topology, quality parts and configuration. However, it's built into a single chassis that includes a power supply.

The Pre-2 combines the functions of a preamplifier and a DAC. Its design gives no ground to compromise, as per Verity's traditional philosophy. The preamplifier's architec-

ture features state-of-the-art ADC/DAC circuitry and total galvanic isolation between the analog and digital domains, ensuring they remain perfectly isolated. The Pre-2 reaches the highest performance a "pure analog" preamplifier can attain while still offering the advantages you would expect of a reference digital signal processors.

The result is an astonishing ultra-low-noise preamplifier offering pure sound transparency and fluidity, an extended bandwidth and an ultra-high dynamic range. The new Verity Pre-2 redefines preamplification thanks to the advanced technologies available today.

The chassis of the preamplifier is built of thick aluminum plates and is supported by a massive Verity anti-vibration platform.

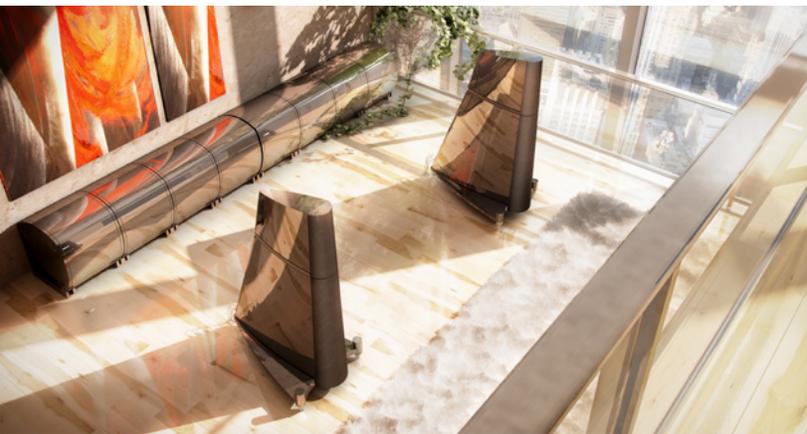


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The Pre-2 includes both analog and digital inputs. Analog inputs are digitized at a very high sampling rate and fed



Pre-2 in Silver-Black



Monsalvat with its subwoofers mounted horizontally



Monsalvat with its subwoofers mounted vertically

MONSALVAT PRE-2

ANALOG DOMAIN

- Each analog output channel is completely independent and is driven by 8 parallel 32-bit DACs powered by 6 dedicated ultra-low noise power supplies.
- Each analog input pair features a dedicated 32-bit ADC running at 384k samples per second and is powered by 5 dedicated ultra-low-noise power supplies.
- The analog and digital domains are separated through high-performance, high-speed galvanic digital isolators.
- A total of 27 ultra-low-noise power supplies power the analog domain.

DIGITAL DOMAIN

- The digital domain is centered on a powerful high-speed FPGA capable of 800+ billion multiply-accumulate operations per second (800+ GMAC/s).
- The 32-bit processing architecture (up to 72 bits internal calculations @ 98 MHz), enables compromise-free digital signal processing and superb digital filters featuring perfect characteristics and an ultra-low noise floor.
- 2 separate ultra-low-noise power supplies power the digital domain.

INTERFACES

Analog Outputs

- Balanced outputs: (1) stereo pair of male XLR connectors.
- Unbalanced outputs: (1) stereo pair of RCA phono connectors.

Analog Inputs

- Balanced inputs: (1) stereo pair of female XLR connectors.
- Unbalanced inputs: (1) stereo pair of RCA phono connectors.

Digital Inputs

- (1) USB 2.0 input accepts PCM data up to 32 bits at 44.1, 48, 88.2, 96, 176.4, 192, 352.8 and 384 kS/s and DSD at 2.822 MHz, 3.072 MHz, 5.644 MHz and 6.144 MHz.
- (1) AES/EBU on female XLR connector accepts up to 24-bit PCM at 44.1, 48, 88.2, 96, 176.4 and 192 kS/s.
- (1) SPDIF on RCA phono connectors accepts up to 24-bit PCM at 32, 44.1, 48, 88.2, 96, 176.4 and 192 kS/s.
- (1) I²S proprietary digital interface.

Chassis

- The power supply requires 100-120 or 220-240VAC (set at the factory).
- Maximum power consumption is 60 watts.
- Dimensions: (W x D x H):
17(430) x 14(360) x 6"(150 mm)
- Gross Dimensions: (W x D x H):
24(610) x 21(534) x 12"(305 mm)
- Weight: 53 lbs (24 kg)
- Gross Weight: 86 lbs (39kg)

www.verityaudio.com

Driven by a passion for excellence and focused on painstaking attention to detail, we are wholeheartedly committed to crafting sound systems capable of unveiling the timeless beauty of a true musical experience.

All Verity loudspeakers and electronics share a common trait, which is exceptional "Synergy". Our secret resides in the way we thoroughly integrate all ingredients to form a perfect balance.



You can contact Verity Monday through Friday from 9:00 A.M. to 5:00 P.M. Eastern Standard Time (EST), except on holidays.

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