



Specifications

Analog audio inputs

Connectors RCA x 2 pairs / XLR x 3 pairs
 (RCA 2 can be used as an AV pre-input)
 Input impedance RCA : 10 k Ω / XLR : 10 k Ω
 Input sensitivity At rated output : 510 mV
 Maximum input level 12 V

Analog audio outputs

Connectors RCA x 2 pairs / XLR x 2 pairs
 Output impedance RCA : 47 Ω / XLR : 66 Ω
 Total harmonic distortion RCA : 0,0006 % / XLR : 0,0004 %
 Frequency response 1 Hz – 200 kHz (-3,0 dB) / 3 Hz – 50 kHz (-0,2 dB)
 Signal-to-noise ratio (S/N) 116 dB (2 V input, A-weighted)
 Gain +12 dB
 Rated output 2 V
 Maximum output level RCA : 7,5 V (1 kHz, 0,003 %) / XLR : 15 V (1 kHz, 0,003 %)

General

Power supply AC 230 V, 50 Hz / AC 120 V, 60 Hz / AC 220 V, 60 Hz
 Power consumption 25 W
 External dimensions (W x H x D) [including protrusions]
 Main unit 445 x 132 x 457 mm (17 5/8 x 5 1/4 x 18")
 Power unit 445 x 132 x 451 mm (17 5/8 x 5 1/4 x 17 7/8")
 Weight
 Main unit 21 kg (46 lb)
 Power unit 29 kg (64 lb)

Included accessories

Power cords x 2 / DC power connection cords x 2 / Remote control (RC-1315) x 1
 Batteries for remote control (AAA) x 2 / Felt pads x 8 / Owner's manual x 1 / Warranty card x 1

This product is available in three different power supply variations, as shown in the specifications above. Make sure that the voltage shown on the rear panel matches the AC line voltage in your area. The shape of the AC inlet and plug of the supplied power cord depends on the voltage rating and destination country.



Linestage Preamplifier

*has tremendous power to move our emotions.
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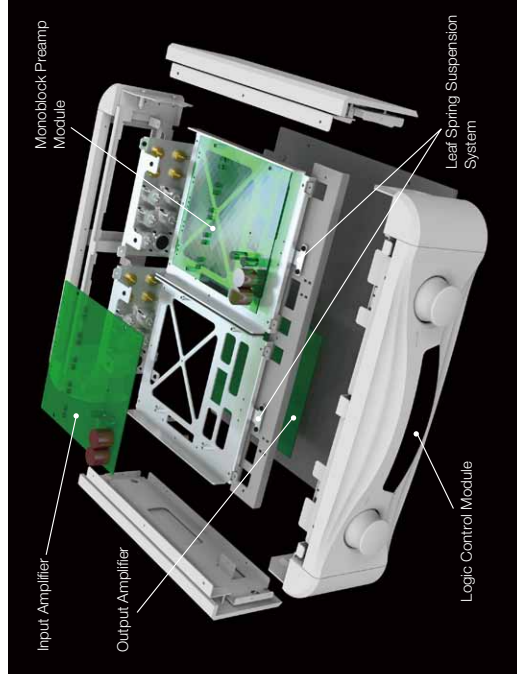


It of the single-minded dedication to audio quality instilled in every Grandioso name. Advancing well beyond the core objective of creating a new C1 we set our sights on new summits, blending the expertise of those of the consummate musician.

With our highest standards of audio fidelity, each C1 is a masterpiece of craftsmanship and fully reflects Esoteric's underlying Grandioso design and leading-edge technology combine to realize outstanding audio performance. Our robust construction employs two separate chassis, with each channel independently housed in its own enclosure.

The C1's two-chassis construction physically isolates the power supply from the signal path, allowing the unit to create a sound stage having exceptional transparency, clarity, and a sense of musical vibrancy, without betraying so much as a hint of stress or distortion.

The C1's separate 29kg linear power supply enables pristinely accurate reproduction of the music signal is delivered to the power amplifiers without any loss of detail. Music the power and vibrancy to captivate the listener. Due to the C1's modular design, all the elements of each channel are completely independent: from the input and output sections to the separate AC power cables. Creating a musical instrument accurately positioned before you, the C1 is the cry of a new era focused on accurate stereo sound reproduction.



Main Unit

The C1's main unit consists of two monoblock preamplifier modules and a logic control module. The input and output sections of each preamplifier module are constructed on separate boards, which are arranged one

DC Power Supply Unit

The C1's DC power supply is designed with dual AC input lines and a wide selection of components

circuitry are fully balanced, with the input buffer, volume control and three-dimensionally to achieve the shortest possible signal paths. The a clean and stable output to each preamplification section, ensuring that all control of the loudspeakers, while at the same time preserving the

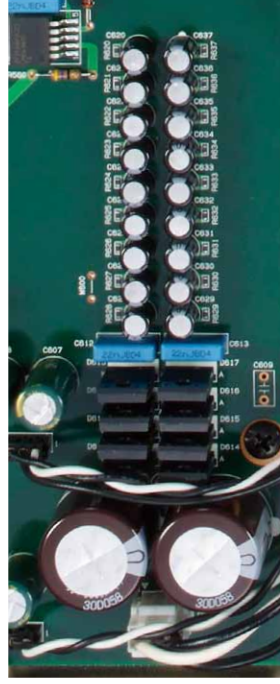


Advanced Output Buffer Circuitry Delivers Stronger Performance to Drive Power Amplifiers — ESOTERIC-HOLD*

In its function as a line driver, the preamplifier must have the ability to fully drive the power amplifiers in a way that faithfully conveys music signals that have an extremely wide dynamic range, extending all the way from pianissimo to fortissimo. The key to achieving this is having a circuit with both a high current-drive capability and high speed. The C1's output buffer circuitry utilizes high-performance components to deliver a very high level of current drive, together with an exceptionally high slew rate of 2,000V/μs. Each output has its own independent drive circuit, and for the XLR outputs, the instantaneous output current capability is maximized by the use of fully symmetrical circuitry for both the hot and cold phases.

The C1 employs an EDLC* Super Capacitor array located close to the output buffer circuitry to function as an innovative, highly stable power source. Its compact physical size belies the fact that it provides the extraordinary capacity of 100,000μF (0.1F) for each channel, facilitating very high levels of instantaneous output power, which in turn provides strong and solid bass reproduction. With the integration of these two technologies, the C1 recreates a breathtaking level of audio reality by preserving the musical dynamics that would otherwise be lost if smaller current transmission levels were employed between the preamplifier and power amplifiers.

*HOLD = High Current Line Driver *EDLC = Electric Double-Layer Capacitor

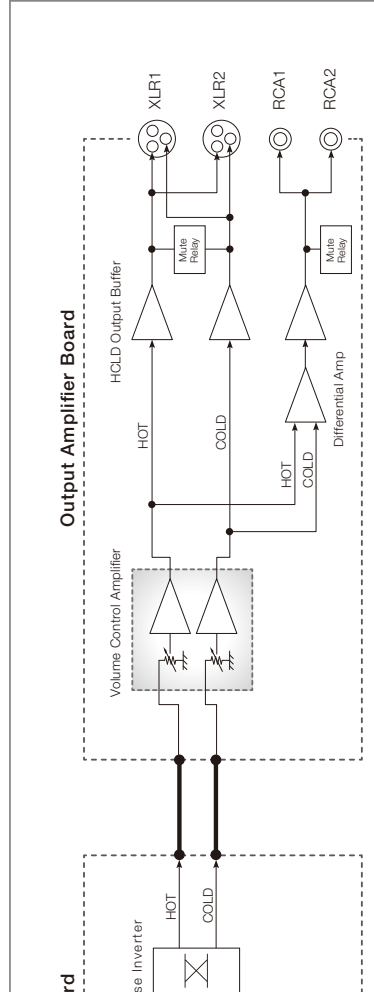


Precision Controls
The C1's input selector is made of aluminum. The use of aluminum control shafts enables silky play in their movements, providing the luxurious feel of top-of-the-line preamplifiers.



Other Important Features

- Five preset volume curve operating feel for the consumer
- Adjustable individual input sources to be minimized.
- Adjustable left and right channel (Range: ±6dB; 0.5dB step)
- Selectable phase inverter
- RCA 2* terminal permits stereo AV-through output, provided in both AV sources
- High-quality aluminum finish any of Esoteric's superb line
- Source component name controller.
- Dimmer, mute, and auto-





1:44W)

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AC line voltage

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Monobloc

*Our goal was to push the outer limits of what a power amp
We arrived at the ideal manifestation of audio engineering
For those searching for a profound experience of sound
this is a masterpiece that knows no compromise or
The culmination of all of ESOTERIC's knowledge and skill is
the new summit of our expertise.
There is a musical term that celebrates the majestic: Crescendo
The perfect name for the new M1.*



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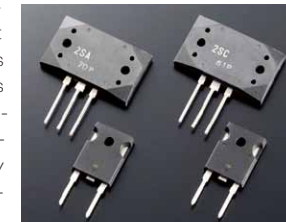
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High performance bipolar LAPT transistor boasting instantaneous 34 amperes.

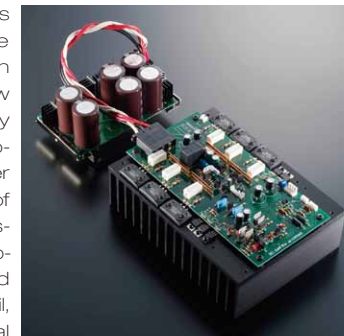
Large bipolar LAPT* transistor components boasting the revolutionary current supply capacity of 17-ampere continuous action and 34-ampere instantaneous action were adopted for the M1. In addition to the high power, the LAPT components also have superior high-frequency characteristics that enable them to provide subtle tonal qualities.

*LAPT=Linear Amplified Power Transistor



Three-stage Darlington circuit, six parallel push-pull, two-module configuration.

The power amplifier module has bipolar LAPT components in a three-stage Darlington configuration with six parallel push-pulls. To readily draw out the superior high-frequency characteristics of the bipolar components, we used a simple amplifier circuit that reduces the number of parallel elements as much as possible. By holding the number of amplifier-stage parts to a minimum and eliminating the output-stage coil, we were able to maintain signal path purity while at the same time focusing our efforts on reducing internal impedance through measures such as incorporating 16 busbars. In addition, the use of a two-module configuration mounted on two large aluminum die cast heat sinks helped to raise waste-heat efficiency and



the speakers always fluctuate prevent this from affecting the current amplifier stage — we just before the drive stage avoid weak signals from the in a dedicated toroidal power supply circuit. These power supply to this stage, not to heighten the nuanced expression and resolution of each instrumental musical climax performed by

High-impedance 1MΩ

The signal input unit was designed to reduce the load on the source as much as possible to fully draw out the

High-grade parts used to achieve superior characteristics and sensitivity.

We carefully selected only the best components worthy of our flagship model. The M1 boasts high reliability and ESOTERIC original RCA input terminals produced by WB. The use of pure materials (pure copper) achieves high conductivity. In addition, the M1 employs high-grade electrolytic capacitors with characteristics achieved through repeated audio and material

Ingenious chassis structure