

# ABSOLUTE LINE PREAMPLIFIER

## REFERENCE LINE PREAMPLIFIER



ABSolute Line Preamplifier is based on the experience gained in the development of the preamplification sections used on the various amplifiers manufactured in the most recent years, ABSolute is the evolution of our concept of line preamplifier at its highest level: the real heart of an amplification system. A preamp of absolute reference in the Hi-End audio market for concept, technology and sound performances.

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### Technical description

Inductive power supply to minimize main noise and two transformers of about 50W with electrostatic shielding, magnetic shielding and resin coating.

Zero global feedback from input to output.

Fully differential circuit (differential input and differential output).

Each stage is on separate boards and in fully dual-mono configuration from the power supply.

The preamp boards are mechanically shielded from the power supply section.

Relays/Resistors volume control that compared to semiconductor controls provides a significant improvement in distortion due to the quality of the resistors used compared to those that can be produced inside a semiconductor. Relay input switches to minimize non-linearities and disconnect unused inputs. Stage of gain with property structure SeGeSTA. Oversized traditional mounting military resistors to minimize thermal distortion. Audiograde capacitors.

Three stereo RCA inputs. Two balanced stereo inputs. Two stereo RCA outputs. Two XLR stereo outputs.

Managed by a microcontroller. Internal wiring and power cable by Airtech.

Available in natural aluminium and black finish.



### TECHNICAL SPECIFICATIONS

| Parameter                  | Measurement conditions                            | Value                |
|----------------------------|---------------------------------------------------|----------------------|
| Channels:                  | -                                                 | 2                    |
| Input impedance:           | -                                                 | 47 kΩ                |
| Gain:                      | Unbalanced output                                 | 5.58dB               |
| Gain:                      | Balanced output                                   | 11.62dB              |
| Frequency Responce         | Attenuation 0dB, -0.5dB band                      | 1Hz/200KHz           |
| Balanced Output Noise      | Band limits 20Hz-80kHz                            | 20.4µV               |
| Balanced Output Noise      | A-weighted                                        | 7.7µV                |
| Signal/noise ratio (SNR)   | Attenuation at 0dB, A weighted, referred to 1Vrms | 93.8dB(20Hz – 80kHz) |
| Signal/noise ratio (SNR)   | Attenuation at 0dB, A weighted, referred to 1Vrms | 98.3dB(20Hz – 22kHz) |
| Signal/noise ratio (SNR)   | Attenuation at 0dB, A weighted, referred to 1Vrms | 102.3dB(A weighted)  |
| Stand-by power consumption | 230VAC                                            | 0.7W                 |
| Dimensions HxWxD           |                                                   | 140x480x385mm        |
| Weight                     |                                                   | 22kg                 |



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