

BELLINI

Anniversary

PREAMPLIFIER



The Bellini Anniversary preamplifier, designed in the Airtech laboratories, is part of the Anniversary line, re-proposing another of the historical products of Audio Analogue. The only thing in common between this new model and the previous versions of Bellini remains the name while the project and the technical solutions used are completely new. Starting from the excellent base constituted by the preamp section of the Maestro Anniversary integrated amplifier, the novelties with respect to the latter are however multiple. The first is the power supply stage that has been completely redesigned using an inductive-capacitive filtering to minimize mains disturbs. The filter inductance has been designed and manufactured specifically for this device. The amplification stage, called SeGeSTA (Single Gain Stage Transconductance Amplifier) has been designed to make the preamplifier even quieter while keeping the structure completely balanced and without global feedback. The circuit has 4 layers and the positioning of the components has been carefully thought out to avoid crossings between the input and output signals and above all between the digital control signals and the sensitive analog signals. The use of audiograde components and internal wiring made with 7N OCC pure copper cables complete the picture. Bellini Anniversary is available in silver and black finish and it is supplied with solid aluminium remote control and Airtech power cord.



AUDIO ANALOGUE
soundpleasure

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Technical description

Inductive power supply to reduce any type of disturb from the mains to the line stage, zero global feedback from input to output, fully differential circuit (differential input and differential output) with discrete components dual-mono configuration, digital volume control without operational amplifiers, relay input switches to minimize non-linearity, oversized military resistors to minimize thermal distortion, "Audiograde" capacitors based on Airtech specification, microcontroller management, Airtech internal wiring and gold plated connectors.

Technical specifications

Parameter	Measurement conditions	Value
Channels:	-	2
Input impedance	-	47 kΩ
Gain	unbalanced output	5 dB
Gain	balanced output	11 dB
Frequency Response	Attenuation 0dB, -0.5dB band	200 KHz
Output Noise Unbalanced output:	Band limits 0Hz-80kHz A-weighted	≈24 uV ≈9μV
Output Noise balanced output:	Band limits 0Hz-80kHz A-weighted	≈37 uV ≈14μV
Signal/noise ratio:	Attenuation: 0dB A weighted referred to 2V _{rms} Output	≈103 dB balanced ≈107 dB unbalanced
Standby power consumption:	230VAC	0.7W
Dimensions(HxWxD)	mm	140x450x380
Weight	Kg	12

