

AA100DM

POWER AMPLIFIER

Output power 2 x 100W
Global zero feedback circuitry
Dual-mono configuration
760W toroidal transformer
Bridge-mono configurable
Audiograde components and wirings
Designed and handmade in Italy



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AA100DM

POWER AMPLIFIER

The AA100DM is a power amplifier where the amplifier stage used is derived from the one of the Puccini Anniversary, but in this case the output power has been increased to 100W. AA100DM is a very versatile amplifier, intended for different uses thanks to its high level of power, control and musicality.

As in the Puccini Anniversary, the power stage is without global feedback and therefore less sensitive to the type of load that it drives, with no tendency to oscillate, no high frequency resonance peaks, no saturation in the input stage and with a fully balanced circuit.

Versatility and power: a great combination that makes the AA100DM the ideal amplifier for different applications. The AA100DM is Fully balanced and no feedback power amplifier with dual-mono circuitry and discrete components.

Resistors to military standards, polypropylene capacitors, 760VA transformer, six pairs of On-Semiconductor power transistors (three per channel), internal wiring with pure solid copper 7N OCC conductors and gold plated output connectors. Configurable bridge-mono with dedicated connection kit. Available in natural aluminium or satin black finishes.



TECHNICAL SPECIFICATIONS

Parameter	Measurement conditions	Value
Channels:	-	2
Input impedance	-	47 kΩ
RCA input	-	1 pair
XLR input	-	1 pair
Gain		26db
Power on 8Ω load:	One channel working, 230V line	100W @ 1% THD(400W in mono)
Power on 4Ω load:	One channel working, 230V line	200W @ 1% THD(700W in mono)
Power on 2Ω load:	One channel working, 230V line	320W @ 1% THD + N
Sensitivity	8Ω output nominal power	1.4VRMS
Frequency Responce	Attenuation 0dB, -3dB bandwidth 3db	95KHz
Output resistance	8Ω nominal power and 1kHz	0.25Ω
Input Noise:	Band limits 0Hz-80kHz A-weighted	≈3μV
Signal/noise ratio:	Attenuation: 0dB A weighted referred to 8Ω load nominal power	>110 dB
Standby power consumption:	230VAC	<1W
Dimensions(HxWxD)		120x445x390mm
Weight		15.5kg



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