



CANOR Virtus M1

Vacuum Tube Power Amplifier

CANOR Virtus M1



Virtus M1 is a brand new vacuum tube power amplifier of pure A-class designed and produced by CANOR. It is considered a reference power amplifier of the CANOR brand.

Highlights of the Virtus M1

01

SOLID ALUMINIUM
CHASSIS – LEADS TO
THE OVERALL
ROBUSTNESS AND
ELIMINATES THE
VIBRATIONS

02

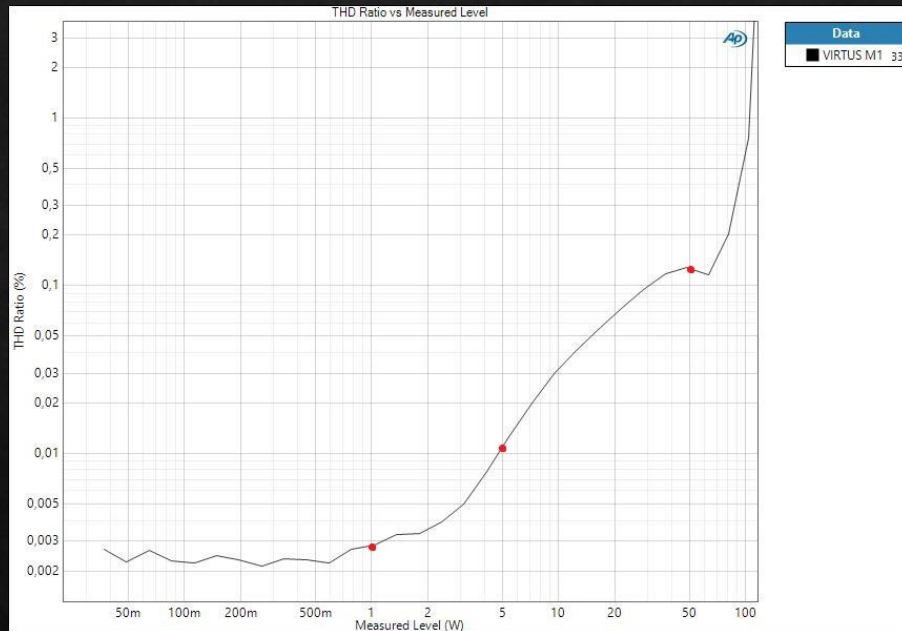
SUPERSYMMETRIC
DESIGN –
ELIMINATES
INTERFERING
SIGNALS

03

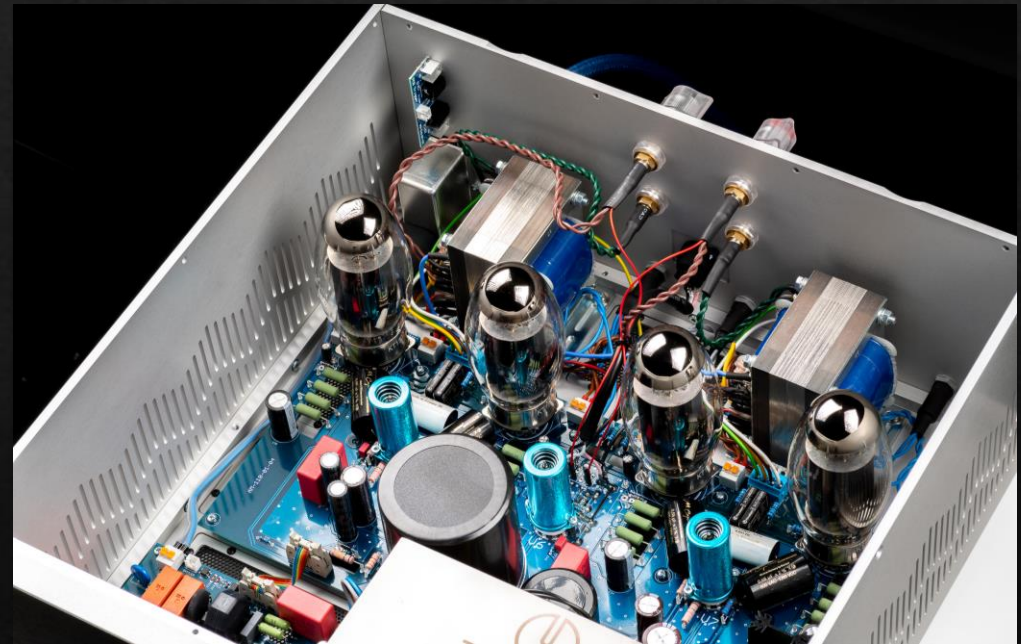
EXTREMELY LOW
HARMONIC
DISTORTION – ONE
OF THE BEST EVER
SEEN IN VACUUM
TUBE AMPS

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Harmonic distortion - **0,0028% at 1W**;
0,011% at 5W and 0,13% at 50W



...is achieved by harmonizing (tuning up)
all circuits and components

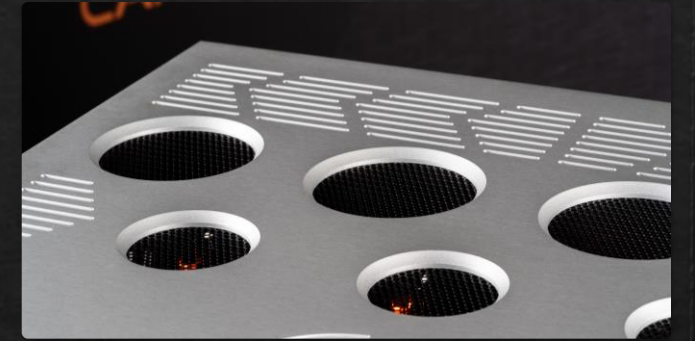


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The power transformer

The transformer core is vacuum impregnated, and the entire transformer is encapsulated in a special anti-vibration compound. In addition, the massive, welded cover in which the transformer is located creates effective electromagnetic shielding and contributes significantly to the excellent signal-to-hum distance. The additional capacitor at the input improves the dynamic of the anode voltage filtration.



High filtration capacity

The filtration capacity is $3.900\mu\text{F}/550\text{V}$. A choke, that is placed under welded cover, has been used to eliminate anode voltage ripple, which increases the filtering efficiency of the 100 Hz component of the anode voltage.

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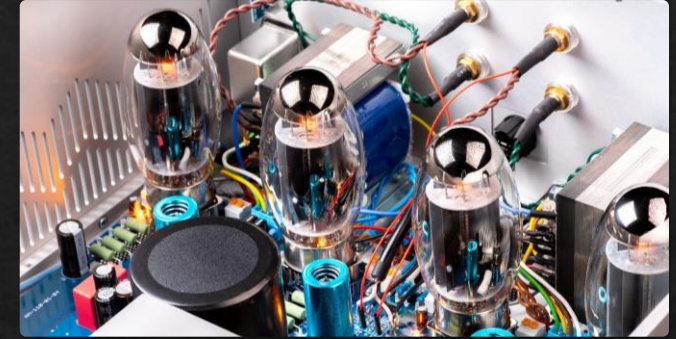
The output transformers

The output permalloy transformers specially designed for the power amplifier.



High class capacitors

Only high-quality polypropylene capacitors are used in the signal path.



The signal path conductors

The conductors on the signal paths consist of slow drawn oxygen-free copper, which is coated with pure silver.

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Technical specification

Output power	1 x 110W / 8 Ohm – ultra linear (THD < 3%)
	1 x 55W / 4,8 Ohm – triode (THD < 3%)
Gain	24 dB / 4 Ohm
Frequency range	10 – 50.000 Hz \pm 0,5dB / 5 W
Input impedance	200 kOhm
Inputs	1 x XLR
Harmonic distortion	<0,05% (1 kHz, 5W / 8Ohm - ultra linear)
	<0,005% (1 kHz, 1W / 8Ohm -ultra linear)
Signal-to-noise ratio	> 103 dB (20Hz-80kHz)



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Technical specification

Tube complement	4x KT150, 2x ECC82, 1x 12AX7
Power	230 V / 50-60 Hz
Dimensions (w x h x d)	450 x 190 x 465 mm
Weight (net)	40 kg





A tube specialist since 1995

