

Stereo hybrid (tube/mosfet) power amplifier

Lector proudly introduces the all new VM200 hybrid power amplifier featuring innovative direct coupled circuit from tube to mosfet. No any coupled capacitors on signal path!

This new concept offers a transparent and rich dynamics sounds performances.

A lot of new innovative technologies and solution on this power amplifier rathed as 100 w per channel:

- only two stages from input to output (first stage by triode and second stage by pentode)
- dc coupled design from tube to mosfet without any capacitors!
- triode / pentode tube driving the mosfet in pure class A
- low feedback design set to only at 10% db

The power supply employ four stages and two toroidal transformers, the power supply design : shunt regulator for tube , hi-energy reserovor capacitors for output mosfet, the tube-filaments are supply on d.c. for lowest noise floor ! The electronics and mechanical parts are selected as all premium grade components : polypropylene capacitors, toroidal hi-energy power transformer (2) , metal foil and tantalium resistors, 1.5 mm tickness steel chassis box, 10 mm tickness plexiglass front panel.

For better quality sound reproduction the output device don't use any type of protection as limiting the current so it's possible to drive low impedance loudspeakers with very good stability and energy power reserovor . VM-200 : smooth musical and true natural reproduction.

Sonic performance delivers pure enjoyment: thanks to the direct signal drive mosfet regulator by tube circuits. What you listen is just the sound of your favourite tubes operating with exceptional linearity in a class A gain stage.

We can spend many words trying to describe its purity, its great dynamics, its airy soundstage, its accurate imaging, its ability to resolve the subtle details and many other outstanding qualities of this power amplifier. But we prefer to simply invite you to listen to it and to trust more what your hear.

SPECIFICATION:

ELECTRICAL PERFORMANCE

Unit description: Stereo tube line level preamplifier with 5 inputs, 2 main outputs, passive volume out, tape out, htd output

Tube active circuit: 6H30II, by SATC

circuit: 6922/12AT7/12AU7/6CG7/12BH7

Frequency response: 20-50.000 Hz +/- 1 db

THD distortion: Less of 0.1 %

Input sensibility and gain: 200 mV / 20 db gain / 50 kohm input

Output voltage and impedance: 20 Volt @ 250 ohm

Optional: Remote control handset, cherry wood veneered side panels

Power supply main: 100V/120V/230V ac 70 V/A

Dimension, weight (net): 400 (L) x 110 (H) x 300 (D) Kg.10

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Tube active circuit:	PCL-86 / 14 GW 8 (2 tubes)
Frequency response:	20 - 500.000 Hz +/- 1 db
THD distortion:	< 0.1 %
S/N Ratio	100 db (A-weighted)
Input sensibility and gain:	1.5 V / 100 kohm input
Output power:	20 W rms class A / 115 Watt RMS on 8 ohm / 180 Watt RMS on 4 ohm
Optional:	cherry wood veneered side panels/ solid black plexi
Power supply main:	100V / 120V / 230V ac 500 V / A (factory set)
Dimension, weight (net):	400 (L) x 110 (H) x 400 (D) Kg.17 net-19 Kg gross
Dimension, weight with lateral panels	440 (L) x 110 (H) 400 (D) Kg. 20 net - 22 Kg gross



