

VM60

Mono-block Power Amplifier



VM60 is a fully balanced high fidelity mono-block vacuum tube power amplifier. It employs a patented Dual Balanced Feedback Topology (DBFT).

The DBFT is formed by three vacuum tubes in two stages. The first stage contains two 12AX7 and the second stage contains one ECC88/6922. The output stage contains 4 x KT88 and a balanced output transformer. The feedback signals are taken in pairs so that balance can be accurately maintained.

The first feedback pair is taken from the outputs of the second stage. Small amount of feedback is used so that the bandwidth, distortion and output impedance of the first two stages combined are improved. This small amount of feedback also sets the signal gain of the combined first two stages. A second feedback pair is taken from the transformer outputs. Again, small amount of feedback is used to further improve the bandwidth, distortion and output impedance of the overall amplifier. The sonic result is an improved sound quality with three-dimensional images in a natural acoustic landscape.

"A high fidelity mono-block vacuum tube power amplifier"

A fully balanced vacuum tube power amplifier delivering over 60W into 4 to 8 ohm load

Employing a patented Dual Balanced Feedback Topology

Premium grade fully balanced output transformer

Premium grade power transformer and audio electronic components

Soft-start circuit to ensure low in-rush current



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CIRCUIT DESIGN

Dual Balanced Feedback Topology (DBFT)

VACUUM TUBES

2 x 12AX7, 1 x ECC88/6922, 4 x KT88

OUTPUT POWER

over 60W for 8 ohm or 4 ohm load

DISTORTION

0.1% @ 10W, 1kHz, 8 ohm load

1% @ 60W, 1kHz, 8 ohm load

BANDWIDTH

20Hz to 20kHz

SIGNAL TO NOISE RATIO

> 85dB (balanced input)

INPUT SENSITIVITY

1.0V (for balanced input)

INPUT IMPEDANCE

> 30k ohm (RCA – singled-end input)

> 60k ohm (XLR – balanced input)

POWER CONSUMPTION

180W

DIMENSION

120 x 325 x 395mm (H x W x L)

NET WEIGHT

20.5 kg /45 Pounds

(Specifications subject to change without prior notice.)



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