



Beyond Imagination



MATRIX SERIES





MATRIX MP150 AMPLIFIER

The Matrix MP150 amplifier is a proprietary switching amplifier. It uses a unique pulse control scheme that takes feedback only from the speaker terminals. No feedback loop from the switching output is used. The result is extremely low output impedance over the entire bandwidth. Damping factor is >400 up to 2kHz and >100 at 20kHz. The frequency response is DC-50kHz (+0,-3dB) and is completely independent of the load impedance. THD and IMD are very low (<0.02%) and completely independent of frequency, like a good zero-feedback amplifier.

Technical Specifications



Type	Matrix MP 150
System	Mono Power Amp
	Pulse Control amplifier using entirely discrete transistors and FETs
Power (W)	100 at 8 Ohm
	150 at 4 Ohm
Input sensitivity at maximum power (V)	1,2
Input current at 1/8 rated power (mA)	160 at 230V
	320 at 115V
Fuse	5x20mm; 3,15mA
	250V AC; time lag T
Frequency range (Hz)	0-50k (+0dB, -3dB) *
THD(%)	<0.02
TMD(%)	<0.02
Input impedance (ohm)	220k
SNR (dB)	>110
Connection	spades

* Completely independent from load impedance like a good zero-feedback amplifier

Dimensions	
Height without spikes (in/cm)	2.0 / 5.0
Depth (in/cm)	10.9 / 27.5
Width (in/cm)	4.9 / 12.4
Weight (lb/kg)	7.1 / 3.2

Finishes

The Matrix MP 150 is available in the following colors:

1. Silver
2. Black
3. Metallic Blue
4. Metallic Red

Contact your local dealer for a quotation on gold finish or any other color.