

## New product information



### **EternalArts OTL Mono Blocs MB**

The EternalArts OTL Mono Blocs are the forceful upgrade of the ingenious Futterman circuitry for higher demand for power output and for the operation with speaker cabinets of lower efficiency.

- Mono Bloc Design for perfectly separated stereo channel amplification
- Sealed 650 VA multi-voltages torroidal transformer
- Impact-isolated sealed power supply capacitors

- Stabilised filament heating for EL- and for PL-beam-power-tetrodes
- Printed circuit boards with gold plated 70µ tracks
- Multiple safeguarded, highly stable circuitry for extended lifetime of tubes
- Phenomenal bandwidth and impulse response
- Highest damping factor for perfect woofer control and jet-black bass response
- Entirely made in Germany

### Circuitry description

The EternalArts monos MB are the forceful upgrade of the proven highly stable EternalArts OTL circuitry. They offer extreme bandwidth, explosive dynamics and jet-black bass response by using output transformer-less technology. The MBs are the tube amplifiers with the highest damping factor for perfect woofer control.

The input signal is amplified by a steep broadband pentode EF184 and condenser-less transferred to the grid of an ECC82 operating as driver and phase inverter. The ECC82 thereafter boosts via carefully selected MKPs 8 EL- resp. PL509/519 tetrodes configured in push-pull-operation.

(For entry stage and the tetrodes NOS types from e.g. Valvo, Philips, Telefunken and Siemens are used.)

### Accoutrement

- rotary switch for mains, 2-pole
- mains power filter
- unbalanced signal input (Neutrik cinch post)
- speaker terminals (WBT posts)

### Tube complement

Entry stage:	1 x EF184
Driver stage:	1 x ECC82
Power stage:	8 x EL/PL509/519

## General

Dimensions:	26 (w) x 19,5 (h) x 48 cm (d)
Weight:	16 kg net
Temperature range:	10 to 35°C
Humidity range:	20 – 80%
Material:	black glossy powdered steel chassis and tube cages; front panel, knobs and feet gold plated 24 k or glossy nickel plated
Accessories:	MFE electromagnetic shielded High End Power Cable; screw driver
Mains:	115 / 230 V ~ 50 / 60 Hz
Power consumption:	150 / 600 VA

## Technical Data

Max. Power Output:	180 watts at 16 ohms 100 watts at 8 ohms 50 watts at 4 ohms
Input impedance:	220.000 ohms
Input sensitivity (rated output, 8 ohms):	5 V eff.
Load:	8 - 16 ohms
Frequency response (- 3 dB):	8 - 100.000 Hz
Signal-to-noise ratio (15 w):	75 dB
Damping factor (100 Hz, 1 w, 8 ohms):	80
Idle run stability:	short period
Short circuit stability:	short period

<u>Warranty:</u>	3 years (tubes limited)
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Pictures: Patzipix, Bensheim

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Subject to change without notice