

EUROPOWER

EP2500



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Specifications

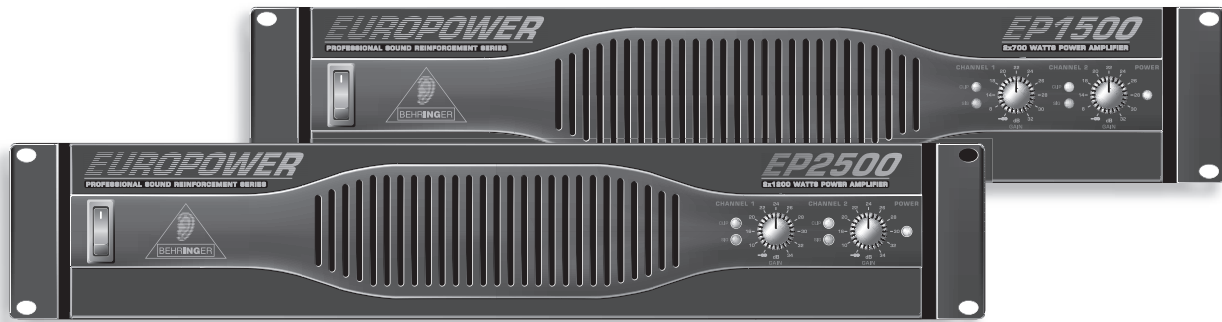
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EUROPOWER

Power amplifier with 2 x 1200 Watts



- ▲ EP2500: 2 x 1,200 Watts into 2 Ohms; 2,400 Watts into 4 Ohms bridged operation
- ▲ 2-channel, parallel or bridged mono operating modes for flexible application
- ▲ Independent limiters for each channel offer dependable protection against distortion
- ▲ Precise signal and clip LED indicators to monitor performance
- ▲ Selectable low-frequency filters (30 Hz or 50 Hz) remove distracting infra-sound frequencies
- ▲ Professional connectors, compatible with Neutrik Speakon connectors, and "touch-proof" binding post loudspeaker outputs enable secure operation
- ▲ Balanced XLR and 1/4" TRS inputs
- ▲ Connection option for extra amps in parallel operation
- ▲ Ultra-reliable Toshiba/Fairchild high-power transistors
- ▲ High-current toroidal transformer for absolute reliability and lowest noise emission
- ▲ "Back-to-front" ventilation system including air filter with automatically adjusting fan speed for smooth operation
- ▲ Independent DC and thermal overload protection on each channel automatically protects amplifier and speakers
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

EP2500

Specifications

Output power

20 Hz - 20 kHz @ 0.1% THD, both channels driven

8 Ω per channel 450 W

4 Ω per channel 650 W

1 kHz @ 0.1% THD, both channels driven

8 Ω per channel 500 W

4 Ω per channel 750 W

2 Ω per channel 1200 W

Bridged Mono

8 Ω, 20 Hz - 20 kHz, 0.1% THD 1300 W

8 Ω, 1 kHz, 0.1% THD 1500 W

4 Ω, 1 kHz, 1% THD 2400 W

Distortion

< 0.02%

Frequency response

at 10 dB below rated output power 20 Hz - 20 kHz, +0/-1 dB

at -3 dB points 5 Hz - 50 kHz

Damping factor

> 300 @ 8 Ω

Noise

unweighted, 20 Hz to 20 kHz -100 dB

Voltage gain

50x (34 dB)

Input sensitivity

V RMS (@ 8 W) 1.23 V (+4.0 dBu)

Input impedance

10 kΩ unbalanced,

20 kΩ balanced

Controls

Front Power switch, gain control (channels 1 and 2)

Rear DIP switches (10x)

Indicators

POWER green LED

CLIP red LED, 1 per channel

SIGNAL yellow LED, 1 per channel

Connectors

Inputs Balanced XLR and 1/4" TRS connectors

Outputs "Touch-Proof" binding posts and Neutrik Speakon

Cooling

Continuously variable speed fan, back-to-front air flow

Amplifier protection

Full short circuit, open circuit, thermal and HF protection

Stable into reactive or mismatched loads

Load protection

Turn-on/off muting, AC coupling

Output circuit type

Class H complementary linear output

Power supply

Mains voltage/Breaker

100 - 120 V~, 50/60 Hz 15 A

220 - 230 V~, 50/60 Hz 8 A

Power consumption 2600 W

Mains connector Standard IEC receptacle

Dimensions/Weight

Dimensions (H x W x D) approx. 88 x 482.6 x 402 mm
approx. 3 1/2" x 19" x 15 4/5"

Weight approx. 16.6 kg
approx. 36.6 lbs

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Tel. +49 2154 9206 0, Fax +49 2154 9206 4903
