

# EUROPOWER

# EP1500



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## Specifications

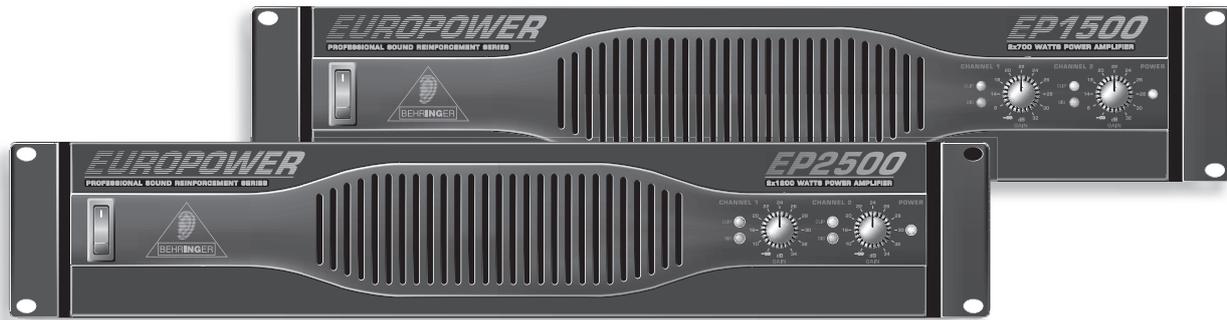
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# EUROPOWER

Power amplifier with 2 x 700 Watts



- ▲ EP1500: 2 x 700 Watts into 2 Ohms; 1,400 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

EP1500

**Specifications**

**Output power**

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

8 Ω per channel 260 W

4 Ω per channel 400 W

**1 kHz @ 0.1% THD, both channels driven**

8 Ω per channel 280 W

4 Ω per channel 450 W

2 Ω per channel 700 W

**Bridged Mono**

8 Ω, 20 Hz - 20 kHz, 0.1% THD 800 W

8 Ω, 1 kHz, 0.1% THD 900 W

4 Ω, 1 kHz, 1% THD 1400 W

**Distortion**

< 0.01%

**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**

40x (32 dB)

**Input sensitivity**

V RMS (@ 8 W) 1.15 V (+3.4 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 AB 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 1600 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. 15.7 kg  
approx. 34.6 lbs

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