

# EUROPOWER

# EP1500



## Technical Specifications

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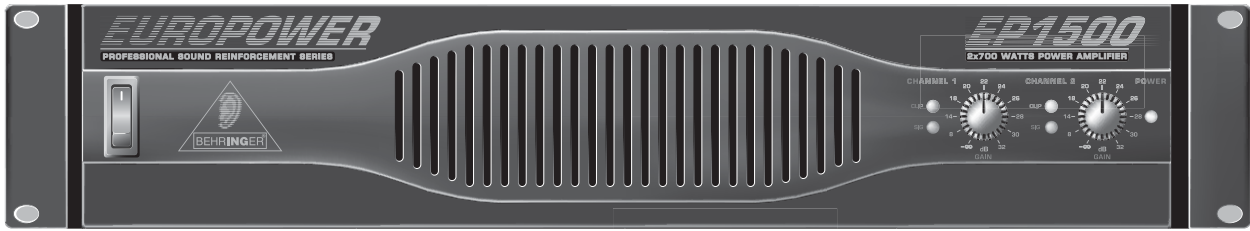
ENGLISH

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# EUROPOWER

2 x 700 Watts Power Amplifier



- ▲ 2 x 700 Watts into 2 Ohms, 1400 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 SPEAKON® 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-quality components and exceptionally rugged construction for long life and durability
- ▲ High-current TOROID® 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
- ▲ Manufactured under ISO9000 certified management system

## SPECIFICATIONS

### OUTPUT POWER

20 Hz - 20 kHz @ 0.1% THD,

both channels driven

8  $\Omega$  per channel 260 W

4  $\Omega$  per channel 400 W

1 kHz @ 0.1% THD,

both channels driven:

8  $\Omega$  per channel 280 W

4  $\Omega$  per channel 450 W

2  $\Omega$  per channel 700 W

Bridged Mono

8  $\Omega$ , 20 Hz - 20 kHz,

0.1% THD 800 W

8  $\Omega$ , 1 kHz, 0.1% THD 900 W

4  $\Omega$ , 1 kHz, 1% THD 1400 W

**DISTORTION** < 0.01%

**FREQUENCY RESPONSE** 20 Hz - 20 kHz, +0/-1 dB

(at 10 dB below rated

output power) 5 Hz - 50 kHz (at -3 dB points)

**DAMPING FACTOR** > 300 @ 8  $\Omega$

### NOISE

unweighted, 20 Hz to 20 kHz -100 dB

**VOLTAGE GAIN** 40 x (32 dB)

### INPUT SENSITIVITY,

**V RMS (@ 8  $\Omega$ )** 1.15 V (+3.4 dBu)

**INPUT IMPEDANCE** 10 k $\Omega$  unbalanced,

20 k $\Omega$  balanced

### CONTROLS

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

Rear DIP switches (10 x)

**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

USA/Canada 120 V~, 60 Hz

Europe/U.K./Australia 230 V~, 50 Hz

Japan 100 V~, 50 - 60 Hz

General export model 120/230 V~, 50 - 60 Hz

Breaker 8A 200 - 230 V / 15A 100 - 120 V

Mains connector Standard IEC receptacle

Power consumption 3.5 A (230 V~, 50 Hz) /

6.7 A (120 V~, 60 Hz)

### DIMENSIONS/WEIGHT

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

Weight approx. 15.7 kg (34.6 lbs)

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