

# BLANC

Quality Needs No Name

## BP4-1300

### 4 CHANNEL POWER AMPLIFIER

4X2400W @ 2Ω HIGH POWER OUTPUT

≥100dB SNR

TD-CLASS AMPLIFIER

SMT CIRCUIT DESIGNER

NEUTRIK AUDIO CONNECTORS

LOW DISTORTION THD+N ≤0.1%



The **BLANC BP4-1300 Power Amplifier** is a high-power, multi-channel solution engineered for demanding professional audio environments. Featuring a **TD-class amplifier architecture**, **SMT high-density circuitry**, and **audiophile-grade components**, it delivers powerful output with clarity, stability, and efficiency.

Designed for long-term reliability, the BP4-1300 incorporates **intelligent protection systems**, **automatic temperature compensation**, and a **variable-speed cooling design** to ensure stable operation under continuous high-load conditions. Ideal for conference halls, theaters, stadiums, bars, and KTV systems, the BP4-1300 offers dependable performance for professional sound reinforcement applications.

## **FEATURES**

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- Adopting SMT patch technology, high grade, high integration, more stable performance
- High-quality audiophile capacitors, more stable and clean power supply, making the sound cleaner and thicker.
- New TD-class amplifier circuit design, high frequency and low loss, sufficient power and low heat, strong low frequency and high restoration.
- Only variable speed fan, temperature-controlled automatic wind tunnel cooling system, the wind noise of the machine's cooling system is minimized.
- Built-in high temperature compensation technology, still maintains a stable working state at high temperature; three intelligent protection modes, DC protection, short circuit protection, overheating protection, intuitive power indication and protection indication, provide strong guarantee for improving product reliability.

## SPECIFICATIONS

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Stereo output 8Ω 1KHz 0.5% THD+N	4x1300W
Stereo output 4Ω	4x2200W
Stereo output 2Ω	4x2400W
Bridge output 8Ω	2x4400W
Bridge output 4Ω	2x4800W
Frequency response @1 Watt into 8Ω	20Hz-20KHz ±1dB
Total Harmonic Distortion 8Ω 1KHz THD+N	≤0.1%
SNR (A-weighted, full power at 8Ω)	≥100dB
Input common-mode rejection (1KHz)	≥50dB
Resolution (full power at 8Ω/1KHz)	≥60dB
Input Impedance (Balanced/Unbalanced)	20kΩ (Balanced) / 10Ω (Unbalanced)
Voltage Gain (Rated Power @8Ω / 1V)	23, 26, 29, 32, 35, 38, 41, 44dB
Power Consumption (Stereo Model 8Ω)	5000W
Output Connector (Speaker Connection Interface)	Professional output plug connection

## DIMENSION/WEIGHT

Product Dimensions (LxWxH)	483 x 366 x 88
Gross Weight	14.5Kg
Power Supply	AC ~ 220V-230V / 50Hz

# APPLICATION SCENARIOS

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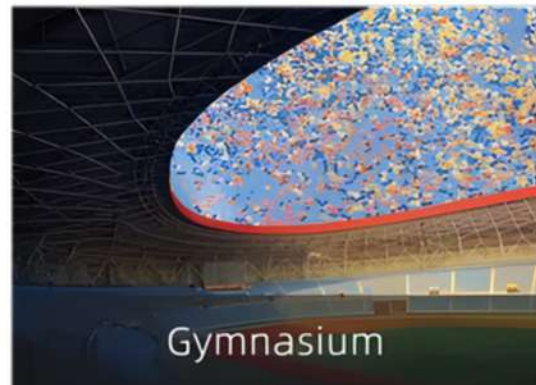
large meeting room



Exhibition Hall



Function Hall



Gymnasium