

8300
series

stereo
power
amplifier

8300XP

New Stereo Power Amplifier

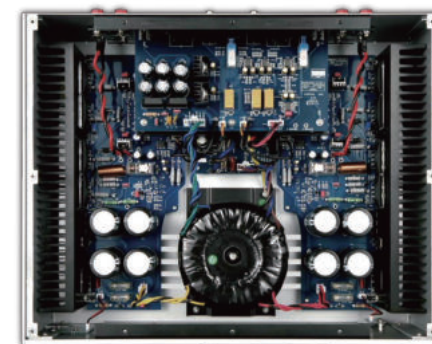
The **8300XP** is a classic **audiolab** stereo power amplifier, with a sound as clean and crisp as its minimalist exterior. Its pedigree is impeccable, descended from a range of amplifiers revered throughout the world for their unerring ability to perform at the highest level.

Delivering 140W per channel into 8 Ohms, the **8300XP** is capable of driving even the toughest of loudspeakers with sure-footed authority, combining **audiolab**'s class-leading neutrality with an unerring ability to engage the listener throughout a musical performance. When listening to the **8300XP**, what you hear is the music - pure and unadulterated, with detail and dynamic range fully intact.

Sound Optimization

Exemplary build quality and reliability ensure that this is a power amp for all seasons, its versatility increased by a choice of balanced XLR and single-ended RCA inputs, bi-wire speaker terminals and a pair of 12v trigger Inputs. Internal circuit components are of the highest quality, right down to the power and signal wiring, which is made of ultra-pure OCC (Ohno Continuous Cast) copper - all in aid of minimising distortion whilst maximising sonic clarity.

Flexibility is further enhanced by the ability to add a second **8300XP** and operate in a bridged mode, thus increasing the power output to 480W per channel into 8 Ohms. All **audiolab** amplifiers are gain-matched, ensuring perfect integration with other **audiolab** components - so you can start at the level that suits you best, and build up your system over time.



audiolab

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Available in Silver and Black

SPECIFICATIONS

Model	8300XP
Rated	140W RMS (8 ohm <1% THD,1kHz stereo)
	230W RMS (4 ohm <1% THD,1kHz stereo)
	480W RMS (8 ohm <1% THD,1kHz bridge)
Gain	29dB @ 1kHz (stereo)
	36dB @ 1kHz (bridge)
Input Sensitivity	1100mV
Input Impedance	15K (balanced)
	10K (unbalanced)
Frequency Response	-3dB 20Hz-80kHz
	+/-1dB 20Hz-30kHz
Total Harmonic Distortion (THD)	0.04% (20W, ref. 1kHz)
Intermodulation Distortion (IM)	0.04% (20W, ref. 7kHz+60Hz)
Transient Intermodulation Distortion (TID)	113dB (A Weighted, ref. 140W)
Signal-to-noise Ratio (S/N)	140W / 113dB
Damping Factor	160
Power Requirement	240V~50-60Hz
	230V~50-60Hz
	115V~50-60Hz
	100V~50-60Hz
Dimension (W x H x D)	444 x 149 x 367 mm
Net Weight	16Kg

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