

8300
series

mono
power
amplifier

8300MB

Pure Power

The **8300MB** is quite possibly the perfect example of **audiolab's** goal to effortlessly reproduce music with exquisite detail. Not only is **8300MB** an extremely powerful amplifier, offering 250W of pure power with high current drive capability, but it also features a fully balanced power stage.

Internally the **8300MB** is arranged as two complete power amplifiers which are bridge coupled to the loudspeaker terminals. Each power amplification stage is fed from one of the terminals of the balanced input, therefore the **8300MB** operates as a fully balanced amplifier right through to the speaker output. The benefits are a high level of noise rejection and lower transient distortion plus the ability of the amplifier to draw maximum current from the power supply as required to follow the musical waveform accurately .

This all adds up to a startlingly vivid and highly impactful musical performance that will put more energy into your loudspeakers as well as control them like never before.



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Left: Two audiolab 8300MBs mono power amplifiers paired with 8300CD CD player in silver finish

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Available in Silver and Black

SPECIFICATIONS

Model	8300MB
General Description	Mono power amplifier
Finish	Fine textured aluminium (black / silver)
Standby Feature	Yes
12V Trigger	Yes
Power Amplifier Section	
Power Output	250W RMS (8 ohm, <1% THD, 1kHz)
GAIN	29dB (8 ohm)
Inputs	RCA, XLR
Outputs	Speaker binding post terminal
Input Sensitivity	1500mV
Input Impedance	44kohm (balanced)
Outputs	22Kohm (unbalanced)
Power Bandwidth	5Hz - 60kHz
Frequency Response	20Hz -20kHz (ref. 1kHz 0.1dB) 20Hz- 60kHz (ref. 1kHz -3dB)
Total Harmonic Distortion (THD)	0.003% (30W, ref. 1kHz)
Intermodulation Distortion (IM)	0.03% (30W, ref. 7kHz+60Hz)
Signal-to-Noise Ratio (S/N)	110dB (A Weighted, ref. 250W)
Damping Factor	200
Dimensions	150 x 216 x 370mm
Weight	9.5kg

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