

PRODUCTSPECIFICATIES AUDIOLAB 8300A

Type product	Versterker
General description	Integrated Amplifier
Design philosophy and core technology	Dual Mono Power Amp Design
Display	OLED 128x64 pixels 2.7"
Controls	Logarithmic Ladder Volume Design
Finish	Fine Textured Aluminium (Black / Silver)
Standby Features	Yes
12V Trigger	Yes
Phono	Yes (MM/MC)
Balanced XLR Input	Yes
Pre-amplifier Section	
Inputs	CD, Video, Tuner, Aux 1, Aux 2, XLR (Balanced) & Phono
Outputs	2 x RCA
Input sensitivity (Phono RIAA)	50K // 100pF
Input impedance (line inputs)	50K // 100pF
Input impedance (phono inputs)	47K // 100pF (MM), 100R // 1.5nF (MC)
Output voltage	2.3V max. (< 0.02% THD)
Output impedance	120 ohm
Frequency response (Line)	+/- 0.1dB (10Hz - 20kHz)

	+/- 3.0dB (1Hz - 100kHz)
Frequency response (Phono RIAA)	+/- 1.0dB (20Hz - 20kHz)
Channel Imbalance	< 0.2dB (10Hz - 20kHz)
Total harmonic distortion (THD) Line	<0.001%
Total harmonic distortion (THD) Phono	<0.002%
Signal-to-noise ratio (Line) > 107dB	>109dB(A-weighted)
Signal-to-noise ratio Phono (MM) > 73dB	> 78dB(A-weighted)
Signal-to-noise ratio Phono (MC) > 68dB	> 73dB(A-weighted)
Crosstalk	< 80dB (L-> R & R->L @10KHz)
Power amplifier Section	
Gain	29dB (20Hz-20KHz)
Input Sensitivity	840mV (Power Out = 70W into 8ohm)
Input impedance	15K // 100pF
Rated max power output THD < 1%	2 x 75W RMS (8 ohm) , 2 x 115W (4 ohm)
	(Vmains = 230V , THD < 1%)
Peak output current	+/- 15A
Frequency response	+/- 0.1dB (10Hz - 20KHz)
	+/- 3.0dB (1Hz - 100KHz)
Channel Imbalance	< 0.2dB (10Hz - 20kHz)
Total harmonic distortion	<0.002% (Power Out= 50W @ 1KHz,

(THD)	BW = 20Hz – 20kHz)
Signal-to-noise ratio	> 107dB (BW = 20 – 20KHz)
	>109dB(A-weighted BW = 20 – 20KHz)
Damping factor	>100 (8ohm Load @ 1kHz)
Inputs	1 x RCA
Outputs	Speaker Binding Post Terminals
Dimensions	80 x 444 x 330.3mm
Net weight	7.8kg