

Audiolab 7000A - specs

General Description	Integrated Amplifier
Design Philosophy and Core Technology	- 2 x 70W (8 ohms) / 2 x 110W (4 ohms) Class AB
	- ES9038Q2M 32-bit DAC
	- 2.8" (480x640mm) Full View IPS LCD
	- Built in Certified Hardware MQA Full Decoder (PC USB, Coax / Optical)
	- Bluetooth 5.0 (aptX / aptX LL) Support
	- Low Noise Moving Magnet Phono Stage
	- Dedicated Current-Feedback Headphone amp
	- Integrated / PRE-POWER / PRE only Modes
	- VU Digital / VU Analogue Meter
	- USB Upgrade Support
Inputs	3 x Analogue, 1 x Phono (MM), 1 x Power Amplifier, 2 x SPDIF (Coax), 2 x SPDIF (Optical), 1 x HDMI ARC, 1 x PC USB (USB B), 1 x Bluetooth (aptX/aptX LL), 1 x 12V Trigger
Outputs	1 x PRE Amplifier, 1 x Stereo Speaker, 1 x Headphone, 1 x 12V Trigger
Sampling Frequency	Optical / Coaxial: 44.1kHz - 192kHz; PC USB: 44.1kHz-768kHz (PCM) / DSD64, DSD128, DSD256, DSD512

Preamplifier Section

Gain	+6dB (Line); +55dB (Phono MM)
Input Sensitivity	820mV (Line, Volume = 0dB); 3.1mV (Phone MM, Volume = 0dB)
Input Impedance	10K (Line); 47K // 100pF (Phono MM)
Total Harmonic Distortion (THD)	< 0.0005% (1kHz @ 2V, Volume = 0dB)
Frequency Response	20Hz-20kHz (+/-0.1dB)
Output Voltage	2.3V max. (Volume = 0dB)
Output Impedance	100 ohms
Signal-to-Noise Ratio	> 110dB (Line, A-weighted); > 76dB (Phono MM, A-weighted)

DAC

D to A Converter	ES9038Q2M
Total Harmonic Distortion (THD)	< 0.0005% (1KHz @ 0dBFS)
Output Level (0dBFS, 1kHz)	2.1Vrms
Max. Sampling Frequency	Optical, Coaxial: 192kHz; PC USB: PCM768kHz, DSD512

Power Amplifier Section

Gain	+29dB
Rated Power Output	2 x 70W (8 ohms, THD<1%); 2 x 110W (4 ohms, THD<1%)
Frequency Response	20Hz-20kHz (+/-0.3dB)
Total Harmonic Distortion (THD)	<0.003% (1kHz @ 40W / 8 ohms)
Input Sensitivity	720mV
Signal-to-Noise Ratio (S/N)	> 110dB (A-weighted)
Max. Output Current	9A

Headphone Amplifier

Total Harmonic Distortion (THD) < 0.01% (1kHz, 50mW)

Output Impedance 4.7 ohms

Load Impedance 20-600 ohms

General

Standby Power Consumption <0.5W

Net Weight 8.4kg

Gross Weight 10.7kg

Dimensions (mm) (W x D x H) 444 x 340 x 78

Carton Size (mm) (W x D x H) 500 x 455 x 140

Finish Black / Silver

Power Requirements 220-240V ~ 50/ 60Hz;

(depending on region) 100-120V ~ 50/ 60Hz

Standard Accessories Power Cord, Remote Control, User Manual, Antennas, etc.