

9000 Series

Integrated Amplifier



Available in **BLACK** and **SILVER** finishes

SPECIFICATIONS

Model	9000A
General Description	Integrated Amplifier
Design Philosophy and Core Technology	2 x 100W (8 ohms) / 2 x 160W (4 ohms) Class AB ES9038Pro 32-bit DAC 4.3" (800 x 480mm) large size full view IPS LCD Built in certified hardware MQA Full decoder (PC USB, Coax/Optical) Support Bluetooth 5.0 (aptX/aptX HD/AAC/LDA) streaming Dedicated high performance low noise MM phono stage Dedicated Current-feedback headphone AMP Integrated / PRE-POWER / PRE only modes Support USB upgrade
Inputs	3 x Analogue, 1 x XLR, 1 x Phono (MM/MC) , 1 x Power Amplifier, 2 x SPDIF (Coax), 2 x SPDIF (Optical), 1 x PC USB (USB B), 1 x Bluetooth (aptX/aptX HD), 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), +53dB (Phono MM)
Input Sensitivity	1Vrms (Line, Volume = 0dB); 2Vrms (XLR, Volume = 0dB), 4.4mV (Phone MM, Volume=0dB)
Input Impedance	10K (Line & XLR); 47K // 100pF (Phono MM)
Total Harmonic Distortion (THD)	< 0.0004% (1kHz @ 2V, Volume = 0dB)
Frequency Response	20Hz-20kHz (+/-0.1dB)
Output Voltage	2.3V max. (Volume = 0dB)
Output Impedance	120 ohms
Signal-to-Noise Ratio	> 110dB (Line & XLR, A-weighted); > 80dB (Phono MM, A-weighted)
DAC	
D to A Converter	ES9038Pro
Total Harmonic Distortion (THD)	< 0.001% (1kHz @ 0dBFS)
Output Level (0dBFS, 1kHz)	2.1Vrms
Max. Sampling Frequency	Optical, Coaxial: 192kHz; PC USB: PCM768kHz, DSD512
Signal-to-Noise Ratio (S/N)	> 117dB (A-weighted)

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Power Amplifier Section	
Gain	+29dB
Rated Power Output	2 x 100W (8 ohms, THD<1%); 2 x 160W (4 ohms, THD<1%)
Frequency Response	20Hz-20kHz (+/-0.3dB)
Total Harmonic Distortion (THD)	< 0.002% (1kHz @ 50W / 8ohms)
Input Sensitivity	1Vrms
Signal-to-Noise Ratio (S/N)	> 110dB (A-weighted)
Max. Output Current	15A
Headphone Amplifier	
Total Harmonic Distortion (THD)	< 0.01% (1kHz, 50mW)
Output Impedance	2.35 ohms
Load Impedance	20-600 ohms
General	
Standby Power Consumption	< 0.5W
Net Weight	8.4kg
Gross Weight	10.2kg
Dimensions (mm) (W x H x D)	444 x 342 x 89
Carton Size (mm) (W x H x D)	514 x 470 x 161
Finish	Black / Silver
Power Requirements (depending on region)	220-240V ~ 50/ 60Hz; 100-120V ~ 50/ 60Hz
Standard Accessories	Power Cord, Remote Control, User Manual, Antennas, etc.

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