

9000N *Wireless Audio Streaming Player*



The new sound of science.

Developed to be the perfect digital streaming companion for the flagship audiolab 9000 series, the new 9000N is the result of over three year's development and innovation to provide a critically stable, high-resolution wireless (and wired) digital music playback.

Debuting earlier in 2022, the audiolab 9000 series exemplifies audiolab's reputation for delivering class-leading amplifiers and, more recently, CD playback. Having forayed into entry-level streaming with the wildly successful, multi-award-winning 6000N Play and, more recently, the 7000N Play, the more high-end 9000N has been eagerly anticipated!

The 9000N answers the 9000 series and its natural progression towards a more premium hi-fi solution while answering overwhelming customer demand for a solidly built and impeccably finished streaming component.

The format of the 9000N reflects the crisp elegance of the 9000A and matching CDT. Equipped with rotary controls and an absence of buttons (except for the

power switch), the 9000N also implements the 4.3in colour screen, as found in the rest of the series – the perfect window for presentation for your digital music files... including full-colour album artwork!

The screen displays a variety of information in a more visually appealing way than most other streaming devices, many of which have traditionally relied upon the accompanying app for operational feedback and user control and interface. The 9000N's display offers full menu controls, an array of options, and user settings, including multi-language selection and general display options.

Most impressively, the 9000N display presents details of format data, playback information and, as mentioned above, full-colour album artwork display. Album artwork is visible in the default playback screen but can also be expanded for an artwork-emphasised playback screen. The display can even be set to display a VU meter in 'analogue' or 'digital' form, showing real-time decibel levels for the left and right channels – a satisfying graphical representation of the music as it plays. For a more minimalistic option, the display can be dimmed or turned off completely, as the user prefers.

9000
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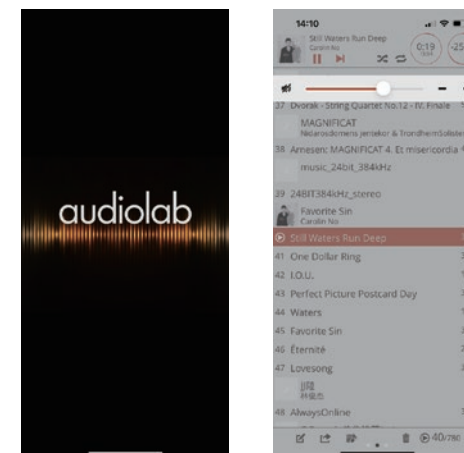
9000N

Stream like a dream

• Proudly developed in conjunction with the established digital streaming expertise of Lumin – the 9000N combines the incredibly capable and equally stable Lumin streaming platform with audiolab's digital know-how, world-beating DAC implementation and signal flow, and the intuitive 9000 series general user interface, for the ultimate streaming solution.

Stream like a dream

• The hardware is based upon a Quad Arm® Cortex®-A53 core MCU with 1.8 GHz per Core. This powerful 'brain' behind the system ensures seamless, rock-steady operation and additional benefits such as album artwork caching; for faster loading of the accompanying artwork files, thus enhancing the user experience and visual aesthetic.



12v Trigger



Optical Output



Coax Output



Ethernet
Connection



Easy Setup



Interactive GUI



ESS Sabre32 DAC



Wi-Fi® Technology



qobuz



TIDAL
connect



MQA



Spotify



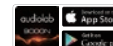
roon
TESTED



TUNE
IN



LUMIN



audiolab
Available on the
App Store
GET IT ON
Google play

Versatile connectivity

• As any audiolab fan would expect, the 9000N incorporates state-of-the-art digital-to-analogue signal conversion. The 9000N offers connectivity via analogue XLR or RCA outputs. As a standalone MQA full decoder, it can be used with any amplifier or secondary pre-amp system that offers analogue connections. Further magic is employed through the digital output and option 'MQA Pass through functionality'. For users who may employ an equally powerful DAC (9000A owners, for instance), the 9000N can stream and throughput an untouched MQA signal (from Tidal or Qobuz, for example) which that secondary DAC can then decode. This offers further functionality and versatility, not to mention a totally unadulterated signal flow – a benefit for the purists.

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9000 Series

Wireless Audio Streaming Player



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

SPECIFICATIONS

Model	9000N
General Description	Network Player
Design Philosophy And Core Technology	ESS Sabre ES9038Pro 32bit DAC Quad Arm® Cortex®-A53 core,1.8GHz per Core Audiolab 9000N MUSIC Streaming technology (IEEE 802.11 a / b / g / n / ac,2.4/5GHz) UPnP AV protocol with audio streaming extension (Open Home) Built-in Certified MQA Full decoder (via streaming & PC USB) Native support for Spotify Connect, TIDAL Connect, MQA, Qobuz and TuneIn Radio Roon Ready Gapless Playback High-resolution album artwork display USB storage / flash drive / USB hard disk (Single-partition FAT32, exFAT and NTFS) playback 4.3" (800 x 480px) IPS LCD screen iOS (11.0 or later) / Android (Android 4.0 or later) required for App control
The audiolab 9000N App features	Native support for TIDAL, MQA, Qobuz and TuneIn Radio Tidal MQA icons to easily identify high-res music Qobuz high-res icons to identify high-res music Volume control High-resolution album artwork display Artwork caching Intelligent search functionality Multiple Playlist complications & functionality Multiple tag handling Composer tag support Album-grouping in playlist Automatic internet links to artists / album / songs Saving and restoring of playlists (including Tidal and Qobuz)
Inputs	1 x Network Streaming 1 x PC USB (USB Type-B) 1 x Ethernet 10/100 / 1000 Base-T Ethernet 1 x 12V Trigger
Outputs	1 x RCA (pair) 1 x XLR (pair) 1 x Optical 1 x Coaxial 1 x 12V Trigger (Link)

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Supported File Formats	DSD Lossless: DSF (DSD), DIFF (DSD), DoP (DSD) PCM Lossless: FLAC, Apple Lossless (ALAC), WAV, AIFF Compressed (lossy) Audio: MP3 MQA
Sampling Frequency	PCM: 44.1kHz-768kHz (705.6kHz / 768kHz Fixed-point supported via Music App streaming) DSD: DSD64, DSD128, DSD256, DSD512 (Native)
Digital Section	
Digital Output Voltage	500mV +/- 50mVpp
Output Impedance	75Ω
Frequency Response	-0.01dB (20Hz - 20kHz, ref.1kHz)
Max. Sampling Frequency	192kHz / 24bit
Digital Outputs	1 x Coaxial , 1 x Optical
D to A Converter	
Variable Output Voltage	0 – 2.05V
DAC	ES9038Pro
Frequency Response	+/-0.5dB (20Hz - 20kHz, ref.1kHz)
Total Harmonic Distortion	<0.001% (1kHz @ 2.05Vrms)
Max. Sampling Frequency	768kHz / 32bit
Signal-to-noise ratio (A-weighted)	>116dB(RCA), >120dB(XLR)
Output Impedance	120Ω
General	
Standby Power Consumption	<0.5W
Net Weight	6.2kg
Gross Weight	8kg
Dimensions (mm)(W x H x D)	444 x 89 x 333
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
Safety Regulation Conformity	
Standard Accessories	Power Cord, Remote Control, User Manual

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