



audiolab

HOME AUDIO

FOR THE CONNOISSEUR

In brief...	
Founded in	1983
Founders	Philip Swift & Derek Scotland
Country of Origin	England
Brand Portfolio	Hi-Fi, Home Cinema Electronics and Loudspeakers
Price Range	Electronics - GBP400 to GBP1500
Philosophy	Aspire to be the epitome of high performance sound quality with attractive design. We are committed to simplifying functionality for the modern day music lover yet retaining purity of sound for the discerning audiophile.
Product Range	9000 Series, 7000 Series, Omnia, 8300 Series, 6000 Series, M-DAC Series, DC BLOCK Series



CONTENTS

04	Brand Mission
05	The Experts
06	Awards
12	9000A
20	9000CDT
24	9000N
30	7000A
36	7000CDT
40	7000N Play
46	Omnia
62	8300CDQ
64	8300XP
66	8300MB
69	6000N Play
72	6000A Play
76	6000A
78	6000CDT
80	M-DAC+
82	DC BLOCK 6
86	DC BLOCK

Brand Mission

audiolab aspires to be the epitome of high performance sound quality with attractive design.

*Committed to simplifying functionality for the modern day music lover
yet retaining purity of sound for the discerning audiophile.*



HOME AUDIO FOR THE CONNOISSEUR

The Experts

Jan Ertner, *Lead engineer audiolab electronics*

2015 sees the launch of **audiolab**'s brand new **8300** Series. With a long working relationship with **audiolab**, world renowned audio designer Jan Ertner has headed up the design of the **6000** series.

"I have designed audio products for more than 25 years and still get excited about bringing new products to market. The joy of listening to music drives me and knowing that our customers will be able to enjoy it at its best is very satisfying. I believe in every product I design because I don't stop working until I feel myself saying "I want one", that is the moment when I know it's right."



Peter Comeau, *Head of IAG acoustic design*

audiolab Hi-Fi products are supervised by IAG acoustic director Peter Comeau. His experience within the Hi-Fi industry spans over 40 years, and is an invaluable asset to **audiolab** in achieving the purest sound, fantastic value for money and a thrilling user experience.

Awards

audiolab is proudly recognised by the hi-fi press world-wide for outstanding sound quality and usability.

2008	Home Cinema Choice Awards 2008 - Best Buy Award Hi Fi & Records - Editor's Choice Award	Hi Fi Choice -5 stars Award Hi Fi Choice -Editor's Choice Home Cinema Choice Best Buy
2009	Hi Fi Plus - POY 2009 Highly Commended Award Hi Fi World - 5-Globes Award	WHF? Sound and Vision - Best Digital Headphone Amp
2010	WHF? Sound and Vision - 5-Stars Award WHF? Sound and Vision - Product of the Year (CD Player) WHF? Sound and Vision - Group Test Winner Hi Fi Choice - Recommended Award and 5 stars TechRadar	WHF? Sound and Vision - Top 5 New Launches WHF? Sound and Vision - 5-Stars Award Hi Fi World - 4-Globes Award Hi Fi News-OUTSTANDING PRODUCT Best DAC, Hi-Fi Choice Awards 2012 Product of the Year, Hi-Fi Choice Awards 2012
2011	Hi Fi Choice Awards 2011-Product of the Year Hi Fi Choice - Recommended Award Hi Fi Choice -5 stars Award Hi Fi Choice Awards 2011 -Best Amplifier Hi Fi Choice Awards 2011 -Best CD Player WHF? Sound and Vision - 5-Stars Award(first tests) Hi Fi Choice - Recommended Award Hi Fi Choice -5 stars Award WHF? Sound and Vision - Product of the Year (CD Player) WHF? Sound and Vision - 5-Stars Award(first tests) Hi Fi World - 5-Globes Award Hi Fi Choice - Recommended Award WHF? Sound and Vision - Product of the Year WHF? Sound and Vision - 5-Stars Award Hi Fi Choice-5 stars Award WHF? Sound and Vision - Ultimate Guide to New Tech	2013 Hi-Fi Choice Group test winner Hi-Fi Choice Group test winner Hi Fi Choice -5 stars Award Hi Fi Choice - Recommended Award Hi Fi World - 5-Globes Award Hi Fi Choice - Recommended Award Hi Fi Choice -5 stars Award
		2014 What Hi-Fi Award 2014 - Best DAC 500-700 GBP
		2015 WHF? Sound and Vision - Best Laptop System Hi-Fi World – 5 Globes Award Hi-Fi Choice - Recommended Hi-Fi Choice – Recommended
		2016 Hi-Fi World - 5 Globes Award Hi-Fi News - Highly Commended Hi-Fi World - 5 Globes Award WHF - 5 Stars Test Winner H-Fi Choice - Recommended Gramophone - Product Of The Month H-Fi Choice - Recommended Hi-Fi World - 5 Globes Award
2012	Hi Fi World - 4-Globes Award Hi Fi News-Group Test Hi Fi Choice -5 stars Award BBS Music Magazine - 5 Stars and product of year	2017 avforums - Best Hi-Fi Amplifier 2017 Hi-Fi World - 5 Globes Award H-Fi Choice - Recommended Hi-Fi Choice - Editor's Choice

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Awards (cnt)

audiolab

2018	avforums - Best Buy Award	M-DAC Mini	2020	Hi-Fi Choice - Yearbook 2019	6000A
	WHF? Sound and Vision - 5 Stars Award	6000A		Hi-Fi Choice - Yearbook 2019	6000CDT
	Hifi Pig - 5 Stars Outstanding Product	6000A & 6000CDT		Hi-Fi Choice - Yearbook 2019	8300CDQ
	lite Das Lifestyle & Technik Magazin-Outstanding (middle class category)	6000A		Hi-Fi Choice - Yearbook 2019	M-DAC+
	AUDIO.de Magazine - Recommended (price, performance)	6000A		Hi-Fi Trends - Recommended Components	6000A Play
	WHF - 5 Stars	6000A		Hi-Fi World - 5 Globes Outstanding Amongst The Best	6000A Play
	Hi-Fi Choice - Recommended	M-EAR		Hi-Fi Trends - Product Of The Year 2019	6000N Play
	Hi-Fi World - 5 Globes	M-EAR		Hi-Fi Choice - Yearbook 2019	6000N Play
	Outstanding Amongst The Best	8300 CDQ		Trusted Reviews -5 Stars Highly Recommended	6000N Play
	Hi-Fi Choice	6000 Series		What Hi-Fi? - Best music streamers 2020	6000N Play
2019	Hi-Fi Voice Magazine - 10 Stars Recommended	6000 Series	What Hi-Fi? - Product of the Year 2020	6000N Play	
	Gramophone - Product Of The Month	6000 Series	StereoNET UK - Applause Award	M-DAC nano	
	WEKA Media Publishing GmbH - Golden Ear 2019 (amplifier category below 2000€)	6000A	Trusted Reviews - Highly Recommended	M-DAC nano	
	Hi-Fi News - Outstanding Products	6000A	2021	AVForums (UK) - Recommended	6000A Play
	Hi-Fi Choice - Group Test Winner	6000A		Recovering Audiophile (USA) - 2021 Amplifier of the Year & 2021 Overall Product of the Year	6000A Play
	Hi-Fi World - 5 Globes	6000A		Hi-Fi World - 5 Globes Outstanding Amongst The Best	DC BLOCK
	Outstanding Amongst The Best		2022	Trusted Reviews (UK) - Recommended	Omnia
	Hi-Fi Choice - Editor's Choice	6000A		Hi-Fi Choice (UK) - Recommended	Omnia
	Hi-Fi Choice - Recommended	6000CDT		Gramophone Magazine (UK) - Product of the Month	Omnia
	Hi-Fi Choice - Recommended	8300CDQ	The Audiophile Man (UK) - GROOVY	Omnia	
Avforums - Recommended	M-DAC nano	Pursuit Perfect System (UK)	Omnia		
lite Das Lifestyle & Technik Magazin - Outstanding (middle class category)	M-DAC nano	HiFi & Music Source (UK)	6000A Play		
	Stereo & Video Magazine - 5 Stars Outstanding	8300CDQ	2023	Stereonet APPLAUSE AWARD	7000A
	Hi-Fi Choice - 5 Stars Award	8300CDQ		A British Audiophile	7000A
	What Hi-Fi - 5 Stars	M-DAC nano		Sound Advice	7000A
	What Hi-Fi? - Music Streamer of the Year	6000N Play		BEST BUY AWARD	7000A
	What Hi-Fi? - 5 Stars Award	6000N Play		Andrew Robinson	7000A
	Hi-Fi Choice - Recommended	6000N Play		Sound Advice	7000CDT
	AUDIO.de Magazine - Good & Affordable	6000N Play		BEST BUY AWARD	7000CDT
	Soundstage! Access - Reviewer's Choice	6000A		Hi-Fi News Outstanding Product	9000A
	Hi-Fi Choice - Recommended	M-DAC+		BEST BUY AWARD	9000A
	What Hi-Fi? - Best DAC £100-£200	M-DAC nano		Stereonet Applause Award	9000A
What Hi-Fi? - 5 Stars Award	M-DAC nano	HiFi Magazine TRENDS	9000A		

Awards (cnt)

2023	The Audiophile Man (UK) - DEEPLY GROOVY	9000A
	Labor thesis	9000A
	Andrew Robinson (USA)	9000A
	Hi-Fi News Outstanding Product	9000CDT
	HiFi Magazine TRENDS	9000CDT
	The Audiophile Man (UK) - DEEPLY GROOVY	9000CDT
	What Hi-Fi?(UK) - A Great British Stereo System (British Hi-Fi Week)	6000N Play
	HiFi Magazine TRENDS	DC Block 6

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Awards (cnt)



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Interactive GUI



ESS Sabre32 DAC



12v Trigger



Optical Input



Coax Input



PC USB

9000 series



Interactive GUI



Auto Source Select



Optical Output



Coax Output



XLR



Phono

9000A *Integrated Amplifier*



Power To The People

Following on from the original 8000 series, the award-winning 8200, 8300 series and more recent 6000 series, **audiolab** returns to the more premium price and performance categories with the new **audiolab 9000 Series**.

As ever, the **9000A** is the centre of the **audiolab** focus in being the beating heart of any high-performance audio system. It's more powerful, capable and feature-packed than any of the preceding models - the most advanced **audiolab** integrated amplifier yet.

Versatility is key to **audiolab**'s integrated amplifier appeal, and the **9000A** offers to cater for audiophiles of all creeds. Loaded with digital and analogue source connection, wireless connectivity for portable devices, an all-new phono stage to cater for vinyl playback and the usual, class-leading amplification for loudspeakers and headphones.

Critical Display

Matching the modern hi-fi enthusiast's requirements, the **9000A** features a full-colour IPS LCD screen, offering clear and informative playback, source and file information. Not to mention a host of menu options for optimum performance and user-defined settings. Various display options are provided, which also include two VU meter options, allowing the **9000A** to be visually informative or, in the case of 'display off' settings, a discreet centrepiece of any audio system.

Digital Face With An Analogue Heart

Differentiating itself from rivals within its category, the **audiolab 9000A** blends digital capability with an analogue pedigree. Premium level D/A conversion, as one would always expect from **audiolab**, allows a range of digital sources (over four digital inputs) to be connected directly to this high-power integrated unit. Yet, based on over 40 years of amplifier design pedigree, not to mention a recent history of multi-award-winning audio solutions, the **9000A** also caters for analogue device integrations (via three AUX, balanced XLR and a dedicated phono input).



The world of modern audio enjoyment is not limited to wired playback devices though, hence the **9000A** also supports wireless connectivity via Bluetooth and digital audio via a PC USB connection.

The **9000A** is the brainchild of lead designer, Jan Ertner. Famed for a plethora of class-leading and award-winning audio electronic models, Jan has pushed the **9000A** to the highest levels of performance by evolving and redeveloping the principles that created the 8300A and uber-successful 6000A, to deliver the most exceptional performance ever seen in an **audiolab** integrated amplifier.

Flagship DAC

The **9000A** features the latest ESS 9038PRO flagship 32-bit DAC chip. Using the critically acclaimed patented HyperStream® II architecture and Time Domain Jitter Eliminator, the ES9038PRO delivers an unprecedented performance level that will satisfy the needs of the most demanding audio

applications - fitting an amplifier of the **9000A**'s calibre.

Years of experience and countless ESS-equipped models mean that **audiolab** is more than familiar with making the most of this technically excellent, but challenging, DAC technology. Great attention has been paid in developing a system that allows **audiolab** electronics and ESS DAC technology to offer the best in audiophile performance.

The amp's four S/PDIF digital inputs – two coaxial and two optical – handle hi-res PCM data up to 24-bit/192kHz and benefit from a host of user-selectable digital filters that allow the user to optimise the response to suit the source file and bandwidth of the partnering equipment.

PCM audio is supported to 32-bit/768kHz, alongside DSD to 22.5MHz (DSD512). Every significant hi-res and lossless audio format is catered for, including FLAC, ALAC, AIFF and WAV, as well as compressed legacy formats.

9000A *Integrated Amplifier*



MQA All The Way

The **9000A** also delivers full decoding of MQA, the hi-res streaming technology from a custom engineered MQA certified DAC solution. This means that the complete 'three unfold' decoding process is performed internally, as opposed to just the final unfold in the manner of an MQA 'renderer', which makes the **9000A** an excellent system choice for subscribers to Tidal's 'HiFi Plus' tier where Tidal Masters (MQA) content can be found.

As expected for modern audio playback convenience, Bluetooth connectivity is featured as standard with the **9000A** stepping up to the aptX HD protocol for sonically superior and easy wireless streaming from smartphones, tablets, laptops and more. Bluetooth-paired devices also benefit from the quality of the amp's DAC section and filter options.

The **9000A**'s discrete Class AB power amp stage delivers 100W per channel into 8 ohms (160W per channel into 4 ohms!). Unlike over specified competitor models, the genuine 100W per channel will put the **9000A** up against the best in its class. Referring to the standards set with the **audiolab 6000A** (rated at 50W per channel), the **9000A**'s 100W per channel will undoubtedly satisfy the most demanding of loudspeakers and their power hungry masters.

A key to the **audiolab** performance is the world-famous CFB (Complementary Feedback) topology, which ensures superior linearity and excellent thermal stability, as the idle current is kept independent of the temperature of the output transistors. An all-new and custom specified 320VA toroidal transformer, followed by 4 x 15,000uF reservoir capacity (60,000uF in total), helps the amp to maintain firm control of the music whilst enabling excellent dynamic range.



In an effort to maintain consistent signal purity, with line input signals passing to a precision analogue volume stage, the preamp section is kept as simple as possible. As with all of Jan Ertner's designs, the circuitry is a work of art in more than layout and architecture. The very design protects the sensitive preamp section from noise interference and colouration - a key cornerstone of the **audiolab** philosophy.

High-performance Phono Stage

With every iteration of integrated amplifier design, **audiolab** works to improve on the bench-mark, built-in phono stage section. The **9000A** is no different; pushing the boundaries of performance of an onboard phono pre-amp section. The all-new phono pre-amp for **9000A** offers compatibility for moving magnet - a JFET-based circuit with precise RIAA equalisation offers the best of both worlds for the turntable using **audiolab** fans.

Similarly, for the headphone output stage employing current-feedback circuitry with wide bandwidth and high slew rate; the **9000A** ensures a dynamic, detailed and engaging performance with all manner of headphone types, with that extra added **audiolab** sparkle from the consistent signal integrity from all inputs.

Flexible & Capable

The **audiolab 9000A** continues with the theme of flexibility in audio system integration. As is a staple to the **audiolab** integrated amplifier design, the **9000A** offers three variations of operating mode, making it a versatile and essential component in any system.

The primary mode is 'Integrated' - this combines the pre and power amp stages, for the connection of digital and analogue sources to the amp's inputs and a pair of speakers to its binding posts.

9000
Series

Integrated
Amplifier

9000A

'Pre-Power Mode' disconnects the pre and power amp stages. This allows the **9000A** to be used solely as a power amp – for example, connected to an AV processor in a home cinema system. It also enables additional signal processing to be added, by connecting the **9000A**'s 'preamp out' socket to an external processor, then returning the processor's output to the amp's 'power amp in' socket, making the most of its gargantuan 100W per channel performance and critical performance characteristic of the **9000A**'s pre-section, regardless of what magic the users want to implement in between!

Finally, 'Pre Mode' disables the power amp stage, turning the **9000A** into a still glorious standalone preamp. This enables external power amplification to be added, thus providing a possible upgrade path.

Never before has **audiolab** visited this price and performance category; new standards are set.



roon
TESTED

MQA

Bluetooth®

aptX
csr

audiolab

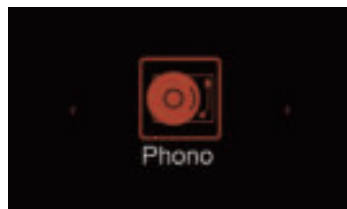
9000
Series

Integrated
Amplifier

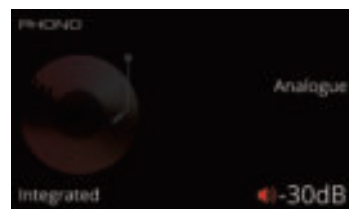
9000A

Key Features

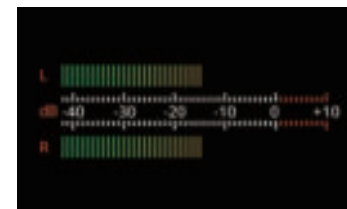
- Full DAC (ESS 9038Pro) and preamp facilities
- High-performance phono preamp
- Analogue and digital source connectivity
- Bluetooth aptX, aptX HD, LDAC receiver
- Powerful stereo amplification
- Dedicated headphone amplifier
- 480 x 800px WVGA full view IPS LCD screen



Phono



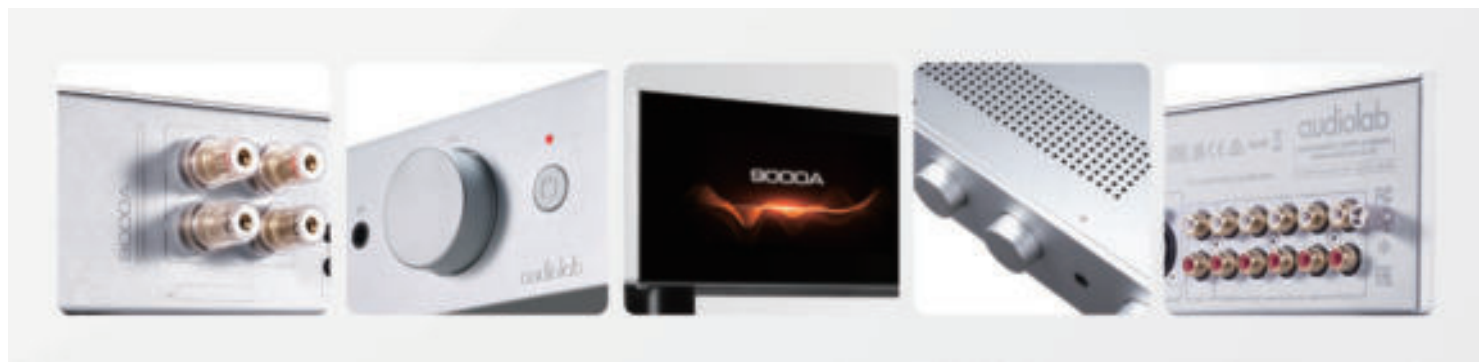
Phono Playback Display



Digital VU



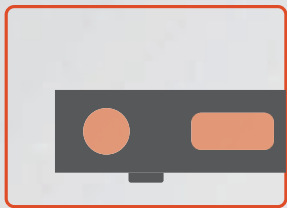
Volume Control



audiolab



Integrated Amplifier



Pre-amplifier



Headphone Amplifier



9000 Series

Integrated Amplifier



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

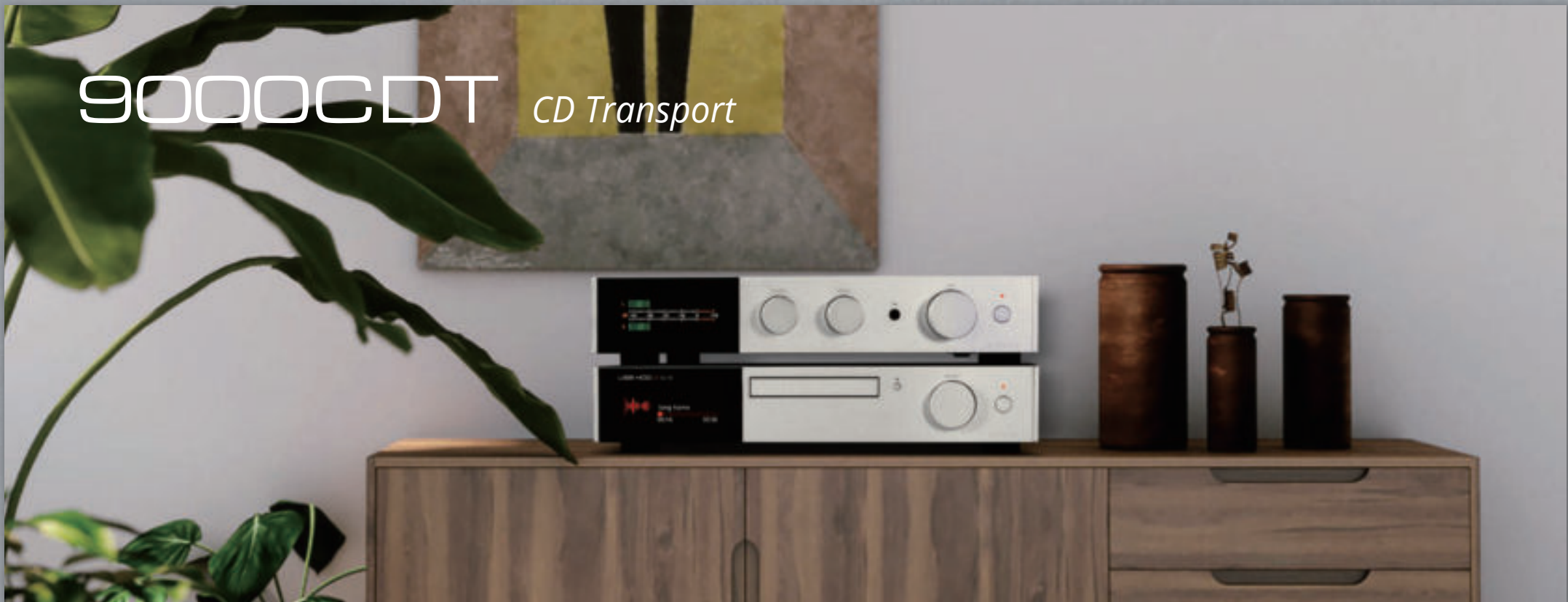
SPECIFICATIONS

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" (480 x 800px) large size full view IPS LCD
	Built-in certified MQA full decoder (PC USB, Coax/Optical)
	Bluetooth 5.1 (aptX/aptX HD/AAC/LDAC) Support
Inputs	Dedicated High-performance, Low-noise MM Phono Stage
	Dedicated Current-feedback headphone AMP
	Integrated / PRE-POWER / PRE only modes
	USB Upgrade Support
Outputs	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 - Windows / mac OS only), 1 x Bluetooth (aptX/aptX HD), 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); 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)

Model	9000A
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 / 8 ohms)
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	9.4kg
Gross Weight	11.2kg
Dimensions (mm) (W x H x D)	444 x 89 x 342
Carton Size (mm) (W x H x D)	514 x 161 x 470
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.

audiolab

9000CDT *CD Transport*



CD For The Purist

audiolab's new 9000 Series represents a new standard in home audio for the connoisseur.

With CD still being a 'go to' medium for many audiophiles, the 9000CDT is a premium offering bringing digital music playback to match the beast that is the audiolab 9000A.

The 9000CDT is a dedicated CD transport that incorporates a high-end mechanism developed to suit the industry benchmarks set by audiolab performance philosophies.

Following in a long list of award-winning audiolab CD playback devices, the 9000CDT uses a high-precision optical system with an electronic data buffer for accurate and seamless CD playback, with a read-ahead digital buffer to reduce disc-reading failures, the 9000CDT offers the ability to play scratched and damaged CDs that are unreadable by conventional mechanisms.

To ensure a flawless signal reaches the accompanying DAC, the coaxial output of the 9000CDT is fed from a differential line driver. The master clock is controlled by a high-accuracy crystal oscillator, enabling the digital output from both coaxial and optical sockets to exhibit vanishingly low levels of jitter (digital distortion).



Isolation From Vibration

The low-friction loading tray, sturdy aluminium base and chassis of the **9000CDT** work to tackle vibrations that are experienced due to the mechanics of a high-spin-velocity motor. Further, the transport is mounted in its own, electromagnetically shielded enclosure with a dedicated power supply. All of which contribute to the exemplary digital signal extraction, while the proven resonance reduction further improves performance and onward effect in ancillary Hi-Fi equipment and signal chains.

Digital Files In Any Format

In addition to the class-leading CD playback design, the **9000CDT** also offers digital music file compatibility via a dedicated USB 'Type A' connection, to the rear of the unit. Every significant hi-res and lossless audio format is catered for, including WAV, AAC and WMA, as well as compressed legacy MP3 formats.

All On Display

Sporting a 4.3" IPS LCD screen with a detailed but simple to use GUI, the **9000CDT** offers a vivid representation of information including system settings, format, folder, track details and other data.

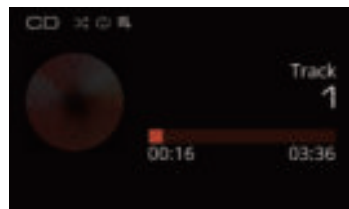
9000
Series

CD
Transport

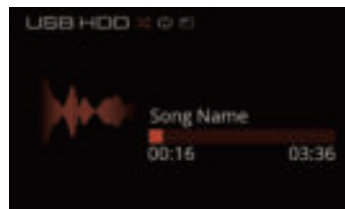
9000CDT

Key Features

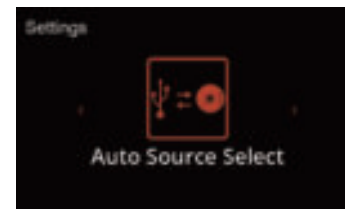
- High-end CD mechanism with a precision optical system
- Playback from CD or USB HDD
- Automatic equipment activation via 12V trigger
- 480 x 800px WVGA full view IPS LCD screen



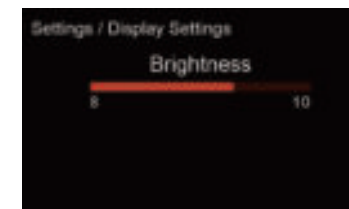
CD Playback Display



USB Playback Display



Settings / Auto Source Select



Brightness Adjustment



audiolab

9000
Series

CD
Transport



Available in BLACK and SILVER finishes

SPECIFICATIONS

Model	9000CDT
General Description	CD Transport and USB HDD player
USB Storage Device Audio Format	MP3, WMA, AAC, WAV file compatible
USB Storage Device File System	FAT12, FAT16 and FAT32 device compatible
Digital Output Amplitude	500 +/-50mVpp
Output Impedance	75 ohms
Frequency Response	-0.01dB (20Hz-20kHz, ref.1 kHz)
Total Harmonic Distortion (THD)	< 0.002%
Sampling Rate	44.1kHz (48kHz files can be played via the 9000CDT but will be resampled to 44.1kHz)
Digital Output Interface	1 x Coaxial, 1 x Optical
Standby Power Consumption	< 0.5W
Power Requirements (according to region)	220-240V - 50/60Hz 100-120V - 50/60Hz
Product Size W x H x D (mm)	444 X 89 X 322
Carton Size W x H x D (mm)	514 X 161 X 470
Net Weight	5.74kg
Gross Weight	7.6kg

audiolab

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
Series

Wireless Audio
Streaming Player

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



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.

audiolab

9000 Series

Wireless Audio Streaming Player

audiolab



SPECIFICATIONS

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

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

9000
Series

Wireless Audio
Streaming Player

SPECIFICATIONS

Model	9000N
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

audiolab

audiolab



7000 series



7000A *Integrated Amplifier*



Brand-wide visual aesthetic match

The new **audiolab 7000** series follows in the footsteps of the award-winning 8000 and 8200 series but also bridges the gap between the phenomenally successful 6000 series and the new high-end 9000 series.

Nestled between the 6000 and 9000, the **7000** fuses premium traits into a pricing category that follows the mantra of class-leading performance.

Outwardly resembling the sequential series and therefore offering a brand-wide visual aesthetic match, the **audiolab 7000A** improves on the 6000A with a genuine 70W per channel output, a new DAC, a new full-colour IPS LCD screen and more! More compact than the 9000 series, it maintains crisp ergonomics, high-quality engineering, a useful range of facilities and an excellent all-around acoustic performance and connectivity.

Class AB power amp

audiolab pulls no punches with the genuine nature of our power rating. The **7000A's** discrete Class AB power amp stage delivers 70W per channel into eight ohms, with a maximum current delivery of 9A amps into difficult loads. A new standard in audiolab amplifiers, the output stage of the discrete power amp circuits uses a CFB (Complementary Feedback) topology, ensuring superior linearity and excellent thermal stability, as the idle current is kept independent of the temperature of the output transistors. Critically specified by Jan Ertner (lead engineer for the **audiolab** brand); the newly developed power supply features a substantial 250VA toroidal transformer, followed by 4x15000uF reservoir capacity (60000uF in total), helps the amp to maintain firm control of the music whilst enabling excellent dynamic range.



Audio Return Channel (ARC) connection

Whatever the input source – analogue, digital, wireless or TV – the **7000A** has been crafted to the same level of detail one has come to expect from **audiolab**, all with the latest tech to be fully equipped to cover many bases, yet it maintains a price point that keeps the **audiolab** brand at the forefront of quality home audio. Dual analogue inputs cater for CD players and line-level sources, dual Coax and SPDIF inputs expand this for the digital sources while a Bluetooth aptX receiver serves up a solution for wireless audio playback and smart devices. Following the growing trend for direct living room integration of premium audio electronics and there for more in tune as the centrepiece of your home audio system, the **7000A** takes connectivity to a new dimension with a built-in Audio Return Channel (ARC) connection for use with screens – thus bringing the **audiolab** dynamic to TV-app based music playback and home theatre. And let's not forget the direct-to-PC connection via USB.

Full decoding of MQA

As is standard with **audiolab** integrated amplifiers, the **7000A** reaffirms the natural integration and synergy with an ESS ES9038Q2M chip. Improving on the 6000A with this latest iteration and taking learnings from the 9000A, the **7000A** utilises ESS Technology's 32-bit HyperStream architecture and Time Domain Jitter Eliminator. As with the 9000A, the **7000A** uses a post-DAC filter based upon Class A topology and proprietary DC-coupled high-gain electronic amp designs to deliver ultra-low noise and high dynamic range for the digital audio connoisseur.

What's more, the **7000A** also delivers full decoding of MQA, the hi-res streaming technology from a custom-engineered MQA-certified DAC solution. This means that the complete 'three unfold' decoding process is performed internally, as opposed to just the final unfold in the manner of an MQA 'renderer', which makes the **7000A** an excellent system choice for subscribers to Tidal's 'HiFi Plus' tier where Tidal Masters (MQA) content can be found.

7000 Series

Integrated
Amplifier

7000A

The 6000A is applauded for its ability to offer an integrated phono pre-amp solution. The **7000A** builds on this with a further improved phono stage for moving magnet phono cartridges – using an improved version of the high-quality, low-noise, JFET-based circuit and precise RIAA equalisation that sets the benchmark in ‘built-in’ phono preamplifier solutions. Same with the dedicated headphone output. Enhancing the versatility claims of the **7000** series, the dedicated headphone amp with current-feedback circuitry caters for the head-fi that lurks in the audiophile! Its gain bandwidth and high slew rate ensure a dynamic, detailed and engaging performance with all manner of headphone types – more boxes ticked for this most integrated of integrated amplifiers.

As the engineers in the **audiolab** camp have learned with every model and series; greatness can be improved upon. Taking the 6000A as the standard, **audiolab** know that the regular audio enthusiast’s thirst for specification and features would mean that the eagerly anticipated linear upgrade from the 6000A would instinctively also offer an improved display and general user interface (GUI); hence the vibrant and visually informative 2.8" (480 x 640px) IPS display. The detailed but simple-to-use GUI also carries through a general theme of information and structure from the 9000A, just in a more compact style. The GUI includes settings for the digital phase lock loop of the D/C converter (DPLL), brightness, and operational modes. It 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.

As with all **audiolab** electronic hi-fi components, the **audiolab 7000A** yet again delivers with remarkable sonic consistency, a plethora of source and connectivity options and crisp styling. Regardless of the source material and format, the **7000A** is lively and engaging but also never loses focus on the musicality and detail. Broadness, depth and toe-tapping rhythm are assured.

The benchmark in this price class is elevated – it’s now in the **7000** series domain!



ROON
TESTED



Bluetooth®



audiolab

7000 Series

Integrated
Amplifier

7000A

Key Features

- **Benchmark - Lifted**

The 6000A set the benchmark for the entry-level to **audiolab**'s award-winning portfolio. The 9000A set the standards at the higher-end of the range. The **7000A** takes all of that pedigree and flexibility to a new price class, shaking up the expectations that a class-leading integrated amplifier should offer!

- **7 Perfect 10s**

Using a new critically specified and custom-designed toroidal transformer, the **7000A** steps up on the power output front. And that's a genuine, totally verifiable 70W per channel. No inflation here!

- **Classes of A and B**

Differing from the growing numbers of Class D options offered by rival brands, the **7000A** maintains audiophile pedigree with a Class AB design. Offering high-efficiency amplification, the output stage of the discrete power amp circuits uses a CFB (Complementary Feedback) topology, ensuring superior linearity and excellent thermal stability, as the idle current is kept independent of the temperature of the output transistors.

- **Name Your Source**

Multiple digital and analogue inputs will accommodate the most varied of hi-fi configurations. Bluetooth connectivity, which includes support for the sonically superior aptX codec, allows easy wireless streaming from smartphones, tablets, laptops and more. Bluetooth-paired devices also benefit from the quality of the amp's DAC section and three digital filter options.



audiolab

7000
Series

Integrated
Amplifier

7000A

Key Features

- **Tables Are Turning**

A built-in phono pre-amp with precise RIAA equalisation offers exceptional performance for turntable users.

- **HD, Am I?**

The **7000A** offers an Audio Return Channel (ARC) for direct integration with screens and integration into AV systems.

- **Multiple Modus Operandi**

Not just an integrated amplifier, the **7000A** also offers three distinct operational modes, reflecting the amp's discrete internal architecture and enabling it to adapt to its user's evolving requirements.

- **DACs Like You Know!**

The **7000A** DAC is built around the ESS ES9038Q2M flagship 32-bit DAC chip, using the critically acclaimed patented HyperStream® II architecture and Time Domain Jitter Eliminator for the highest level of DAC performance.

- **Full Decode**

The **7000A** is a full MQA decoder. This means that the complete 'three unfold' decoding process is performed internally, as opposed to just the final unfold in the manner of an MQA 'renderer'.

- **Putting it on Display**

Improving on the class-leading and multi-award winning 6000A, the **7000A** offers a 9000A-inspired full-colour display and GUI.

audiolab

7000
Series

Integrated
Amplifier



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

SPECIFICATIONS

Model	7000A
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" (480 x 640px) Full View IPS LCD
	Built in Certified Hardware MQA Full Decoder (PC USB, Coax / Optical)
	Bluetooth 5.1 (aptX / aptX HD) Support
	Low Noise Moving Magnet Phono Stage
	Dedicated Current-Feedback Headphone amp
	Integrated / PRE-POWER / PRE only Modes
Inputs	VU Digital / VU Analogue Meter
	USB Upgrade Support
	3 x Analogue, 1 x Phono (MM), 1 x Power Amplifier,
	2 x SPDIF (Coax), 2 x SPDIF (Optical), 1 x HDMI ARC,
Outputs	1 x PC USB (USB B - Windows / mac OS only),
	1 x Bluetooth (aptX / aptX HD / aptX LL), 1 x 12V Trigger
Sampling Frequency	1 x PRE Amplifier, 1 x Stereo Speaker, 1 x Headphone, 1 x 12V Trigger
Optical / Coaxial: 44.1kHz - 192kHz;	
	PC USB: 44.1kHz-768kHz (PCM) / DSD64, DSD128, DSD256, DSD512
Preamplifier Section	
Gain	+6dB (Line), +54dB (Phono MM)
Input Sensitivity	870mV (Line, Volume = 0dB);
	4.4mV (Phono 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)	< 0.001% (1KHz @ 0dBFS)
Output Level (0dBFS, 1kHz)	2.1Vrms
Max. Sampling Frequency	Optical, Coaxial: 192kHz;
	PC USB: PCM768kHz, DSD512
Signal-to-Noise Ratio (S/N)	> 114dB (A-weighted)

Model	7000A
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	870mV
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	10 ohms
Load Impedance	20-600 ohms
General	
Standby Power Consumption	< 0.5W
Net Weight	8.4kg
Gross Weight	10.7kg
Dimensions (mm) (W x H x D)	444 x 78 x 340
Carton Size (mm) (W x H x D)	500 x 140 x 455
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.

audiolab

7000CDT

CD Transport



High-precision optical system

A brand renowned for award-winning amplifiers and DACs, **audiolab** is also amongst the most consistent with CD playback devices – the 8200 & 8300 CD / CDQ models being the trendsetters, with the more recent 6000CDT cornering the sub-500 GBP market. The more recent 9000CDT set a benchmark for the higher-end, so the **7000CDT** nestles in nicely to match the new class and pricepoint of the **7000** series.

The **7000CDT** uses a high-precision optical system with an electronic data buffer for accurate and seamless CD playback. Very similar technology to the 9000CDT, the **7000CDT** uses a read-ahead digital buffer to reduce disc-reading failures, helping it plays scratched and damaged CDs that may be unreadable by conventional mechanisms. To ensure a flawless signal reaches the accompanying DAC, the coaxial output of the **7000CDT** is fed

from a differential line driver. The master clock is controlled by a high-accuracy crystal oscillator, enabling the digital output from both coaxial and optical sockets to exhibit vanishingly low levels of jitter (digital distortion).

The low-friction loading tray, sturdy aluminium base and chassis of the **7000CDT** work to tackle vibrations that are experienced due to the mechanics of a high-spin-velocity motor. Further, the transport is mounted in its own, electromagnetically shielded enclosure with a dedicated power supply. All of these contribute to the exemplary digital signal extraction, while the proven resonance reduction further improves performance and onward effect in ancillary Hi-Fi equipment and signal chains.



Digital music files compatibly

In addition to the class-leading CD playback design, the **7000CDT** also offers digital music files compatibly via a dedicated USB 'Type A' connection, to the rear of the unit. Every significant hi-res and lossless audio format is catered for, including WAV, AAC and WMA, as well as compressed legacy MP3 formats.

Full-colour IPS display

Taking strong influence from the flagship 9000CDT, the **7000CDT** improves over the 6000CDT with a full-colour 2.8" (480 x 640px) IPS display with a detailed but simple-to-use GUI. The **7000CDT** therefore offers a vivid representation of information including system settings, format, folder, track details and other data.

7000
Series

CD
Transport

7000CDT

Key Features

- **New Series, Same Standards**

The **7000CDT** is a high-end CD mech with a high-precision optical system, designed as the perfect match for the new **audiolab 7000** series. Improving on the benchmark 6000CDT, the **7000CDT** uses trickle-down technology from the flagship 9000 series for a price point beating CD transport solutions.

- **Isolation From Vibration**

The aluminium base and chassis reduce mechanical vibration during operation. The transport is mounted in its own, electromagnetically shielded enclosure with a dedicated power supply.

- **Digital Files In Any Format**

Offering USB HDD support, the 9000CDT will playback WAV, AAC and WMA, as well as compressed legacy MP3 formats from digital storage devices.

- **All On Display**

A full colour 2.8" (480 x 640px) IPS LCD screen with interactive and detailed general user interface and multi-language support.



audiolab

7000
Series

CD
Transport

audiolab



Available in BLACK and SILVER finishes

SPECIFICATIONS

Model	7000CDT
General Description	CD Transport
Design Philosophy and Core Technology	Compatible with CD/CD-R/CD-RW Support playing USB storage devices (MP3/WMA/AAC/WAV) Display indication Adjustable screen brightness Activate the device automatically via 12V trigger Auto standby function can be turned on or off
USB Storage Device Audio Format	Support MP3, WMA, AAC, WAV Format Playback
USB Storage Device File System	Support FAT12, FAT16 and FAT32 format
Digital Output Amplitude	500 +/-50mVpp
Output Impedance	75 ohms
Frequency Response	-0.01dB (20Hz-20kHz, ref.1 kHz)
Total Harmonic Distortion (THD)	< 0.002%
Sampling Rate	44.1kHz
Digital Output Interface	1 x Coaxial, 1 x Optical
Standby Power Consumption	< 0.5W
Power Requirements (according to region)	220-240V - 50/60Hz 100-120V - 50/60Hz
Product Size W x H x D (mm)	444 X 78 X 322
Carton Size W x H x D (mm)	514 X 158 X 470
Net Weight	5.5kg
Gross Weight	7.4kg
Finish	Black / Silver

7000N Play

Wireless Audio Streaming Player



Wireless audio streaming

audiolab's new 7000 Series has big shoes to fill. After all, the preceding product generation, the audiolab 6000 series, has arguably won more awards in the UK press, during the last five years, than any other range of high-performance audio electronics!

The new 7000N Play builds upon that legacy building introduction of wireless audio streaming to the brand with enhancements and improvements to match the step up from the established 6000 series to the new class-leading, 7000 series.

Bringing hi-resolution wireless audio streaming to any home audio system, the 7000N Play further expands on the multi-format, multi-platform, multi-source compatible DTS Play-Fi system, now with Apple AirPlay 2 compatibility.

Featuring DTS Play-Fi® Technology, music can be streamed over your wireless network in high-resolution format and can be easily expanded to a multi-room system if required. You can stream from any source on your wireless network, including smartphones, tablets or PCs as well as a NAS Drive.

Besides accessing your personal music library, the DTS Play-Fi platform offers a wealth of leading online music channels from around the globe. Spotify, Tidal, HD Tracks, Deezer, Amazon Music, Napster, KKBox and Sirius XM, to name a few. Browse a radio guide with thousands of stations and podcasts, or stream from a home media server with DLNA compatibility. And thanks to the aforementioned AirPlay 2 adoption, the 7000N Play also now offers further compatibility for Apple Music users and other non-Play-Fi native platforms by way of Apple Airplay 2 connectivity, offering all of the additional convenience of the Apple platform.



IPS LCD screen

Sporting a new 2.8" (480 x 640px) IPS LCD screen with a detailed but simple to use GUI, the **audiolab 7000N Play** offers a vivid representation of information including streaming service, system settings, format, folder, track details and other data. It 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 for the analogue outputs – a satisfying graphical representation of the music as it plays.

Wireless audio streaming solution

The sheer versatility, operational simplicity and wide-spanning service options from the **audiolab 7000N Play** make it a very appealing wireless audio streaming solution. Just like the award-winning 6000N Play; for some, it is the perfect way to stream music from the likes of Spotify, Tidal and Deezer, with all the additional functionality of Play-Fi including multi-room audio. Not to mention the expansive AirPlay 2 provisions. For others, it is simply the best way of adding radio to their hi-fi system, with the huge choice of stations available via the internet - the traditional hi-fi 'tuner' component, reinvented for the streaming age – all with the **audiolab** pedigree and performance!

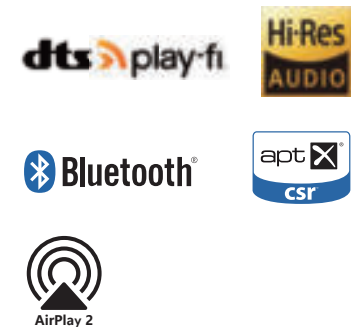
7000
Series

Wireless Audio
Streaming Player

7000N Play

Key Features

- **ESS Sabre32 ES9038Q2M Reference DAC**
As seen in the award-winning **audiolab** Omnia and 7000A.
- **Isolated Power Supply**
As seen in the award-winning **audiolab** Omnia and 6000 series.
- **Ethernet Connection**
Wired internet connection for high bandwidth applications.
- **See More, Do More**
A full colour 2.8" (480 x 640px) IPS LCD screen with interactive and detailed general user interface including digital and analogue VU metres.
- **Over the Air**
Now with Apple AirPlay 2 technology, the **7000N Play** offers seamless operation with Apple devices and opens up the **audiolab** ecosystem to Apple Music users.



audiolab

7000
Series

Wireless Audio
Streaming Player

7000N Play

Key Features

- **Wi-Fi® Technology**

DTS Play-Fi streams music over standard Wi-Fi networks, delivering perfectly synchronized audio, with no lag and zero loss in sound quality.

DTS Play-Fi is officially rated as 'Innovation Awards Honoree' by CES in 2022.

Includes all new update features including 'transfer' to stream without needing to keep the phone or tablet on the network. Use your smart device for other functions, leave the room or simply improve streaming performance in situations where playing from the phone or tablet can be limiting.

- **Mind the Gap**

Now with Gapless playback for uninterrupted, gap free playback on major streaming services via the latest issue of the auto-updating Play-Fi App (from V8.1 onwards).

- **Any Operating System**

Fully compatible with all operating systems: Apple iOS, Android™, Windows® PC, and Fire OS.

- **Easy Setup**

No logins, no complicated computer-based setups. Just download the app and within minutes, you're ready to listen.



audiolab

7000
Series

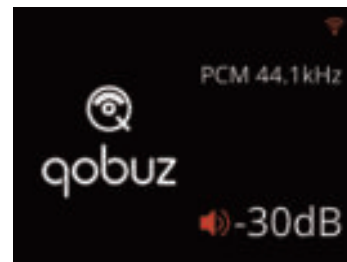
7000N Play

Key Features

- **DTS Play-Fi App**
Simply download the free app and immediately send songs via Wi-Fi to any speaker in any room of the house.
- **Multi-room**
Enjoy music in every room of your house - all at once, perfectly synchronized, with no lag. You're in control.
- **Lossless Audio Streaming**
Stream in Play-Fi's Critical Listening mode, native playback of up to 24-bit/192kHz with compatible streaming services and file formats.



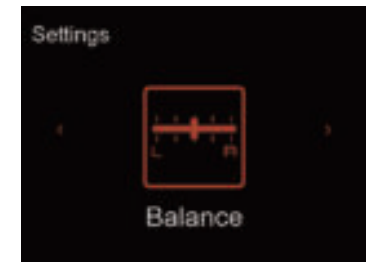
Playback Display / TIDAL



Playback Display / Qobuz



Settings / Filter



Settings / Balance

audiolab

7000 Series

Wireless Audio Streaming Player

audiolab



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

SPECIFICATIONS

Model	7000N Play
General Description	Wireless audio streaming player
Design Philosophy and Core Technology	ESS Sabre ES9038Q2M reference DAC
	Isolated power supply
	2.8" (480 x 640px) full view IPS LCD
	DTS Play-Fi technology
	Streaming service support includes Amazon Music, Spotify, TIDAL, KKBox, SiriusXM, Napster, Internet Radio, Deezer, iHeartRadio, PANDORA, Qobuz, QQ Music and more)
	Apple Airplay 2 compatible
	Multi-room / Multi Speaker group support
	Android / iOS / Kindle Fire/ Windows PC control support
	Automatic equipment activation via 12V trigger and link
	Wired Internet connection for high bandwidth applications
	USB firmware upgrade input

Digital Section

Digital Output Intensity	500 +/- 50mVpp
Output Impedance	75 ohms
Frequency Response	-0.01dB (20Hz-20kHz, ref.1kHz)
Max. Sampling Frequency	192kHz / 24-bit
Digital Outputs	1 x Coaxial, 1 x Optical, 1 x RCA Line Output

D to A Converter

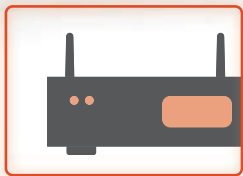
Variable Output Voltage	0 – 2.1V
DAC	ES9038Q2M
Frequency Response	+/-0.5dB (20Hz-20kHz, ref.1kHz)
Total Harmonic Distortion (THD)	<0.0005% (1kHz @2.1Vrms)
Max. Sampling Frequency	192kHz / 24-bit
Signal-to-Noise Ratio (S/N)	>115dB (A-weighted)
Output Impedance	100 ohms

Model	7000N Play
General	
Standby Power Consumption	< 0.5W
Dimensions (mm) (W x H x D)	444 x 78 x 340
Carton Size (mm) (W x H x D)	500 x 140 x 455
Net Weight	5.0kg
Gross Weight	6.1kg
Finish	Black / Silver
Power Requirements (depending on region)	220-240V ~ 50/ 60Hz; 100-120V ~ 50/ 60Hz
Standard Accessories	Power Cord, USB Cable, User Manual

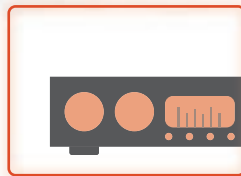
audiolab



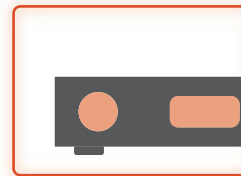
CD Player



Wireless Streaming Player



Integrated Amplifier



Pre-amplifier



DAC Headphone Amplifier

Omnia



"The Omnia's 'one box to rule them all' thinking has resulted in one of the best all-in-one systems available under two grand."



"More functionality than seems feasible, and a full-on serving of Audiolab sound quality at the same time."

Omnia *All-in-one Music System*



The All Encompassing Audio Solution

Blurring the lines that generally differentiate hi-fi and lifestyle, **Omnia** brings all of the pedigree that helps make **audiolab** electronics the connoisseur's choice. Yet, indulgence in design, material aesthetics and useability means it has all of the functionality to make it a sleek, convenient and easy-to-use centre-piece, for an uncompromising home audio system.

The **audiolab Omnia** maintains the award-winning, instantly recognisable, **audiolab** design cues; Unfussy yet striking in appearance, the curved, brushed aluminium chassis is 'typical **audiolab**' but evolved to suit the modern-day living environment. **Omnia** is attractive but discreet, offering the perfect balance for living rooms and listening rooms alike.

In a world where music is more available than ever and sources more varied than ever, **Omnia** doesn't discriminate. However you listen to your music, **Omnia** has got you covered. To sum it up, the **audiolab Omnia** is a CD player, integrated amplifier, wireless streaming player, DAC, headphone amplifier and pre-amplifier - in one single unit!

High-Performance CD Drive

Extremely robust and reliable; the **Omnia's** CD drive builds on the class-leading 6000CDT CD transport with a read-ahead digital buffer to reduce disc-reading failures. Such is the performance of this CD mechanism, **Omnia** is able to play scratched and damaged CDs that are unreadable by conventional mechanisms.



Connectivity Options for Traditional Audio Sources

Utilising high-quality analogue preamp circuitry, akin to the acclaimed **audiolab** 6000 series, coupled to line-level RCA inputs to connect analogue sources, the preamp circuitry is kept as simple as possible. Using high-quality components to maintain signal purity, with line input signals passing to a precision analogue volume stage, **Omnia** is an outstanding pre-amp, in its own right.

A dedicated MM phono input means a turntable can be directly connected to **Omnia** via a high-quality, low-noise, phono stage with precise RIAA equalisation. This phono stage continues the evolution from the award-winning 6000 series - engineered to make the most of the music nestling within an LP's grooves.

Networked Audio Playback

For networked audio playback, the **audiolab Omnia** is equipped with an ethernet port, lending itself to a wired connection and the wider bandwidth requirements of high-resolution digital audio.

For the most convenient access to wireless music playback, **Omnia** offers Bluetooth connectivity with high-quality, low latency, with the Bluetooth aptX standard.

The **Omnia's** Wi-Fi networking is powered by DTS Play-Fi: an app-controlled platform enabling high-quality, whole-home wireless audio, capable of streaming hi-res music up to 24-bit/192kHz and supported by a greater range of established audio brands than any other wireless platform.

Omnia



USB DAC Section & More

The USB DAC section is based upon audiolab's long-term partner, and multi-award-winning, pedigree. The new ES9038Q2M SABRE³² Reference DAC performs D/A conversion, utilising ESS Technology's 32-bit HypersStream II architecture and Time Domain Jitter Eliminator to deliver ultra-low noise and high dynamic range.

No company knows more about making the most of this technically excellent, but challenging, DAC technology than audiolab; the universally acclaimed M-DAC was one of the first home audio components to incorporate an ESS chip back in 2011, and the company has been honing its implementation ever since.

Master Quality Authenticated (MQA)

Via the USB DAC section, the audiolab Omnia also offers full decoding of MQA. MQA is an award-winning British technology that delivers the sound of the original master recording. The Omnia includes MQA decoder technology, which enables you to play back MQA audio files and streams - received via the USB input - at the original file's full resolution and passes the signal through its DAC and preamp stages. MQA files are available via subscription to TIDAL's 'HiFi' tier (among other sources).

Visit mqa.co.uk for more information.



Roon Tested

Further to this, the **audiolab Omnia** is also Roon tested, thus opening up to the world of Roon. Roon's fundamental goal is to provide a consistently stellar user experience. This goal doesn't stop at the software... the experience extends all the way down to the audio playback hardware, regardless of manufacturer. As a Roon Tested partner, **audiolab** has provided equipment to Roon for testing with a variety of different operating systems and computers, and shared information about its design and capabilities. We have a direct relationship with Roon and in many cases, the Roon support team has our devices on hand, so you can confidently choose to use **audiolab** hardware with Roon.

Visit roonlabs.com for more information.

Connect With Zero Complexity

Simply connect your passive speakers to the **audiolab Omnia** and you have access to a world of audio sources with impeccable playback. The discrete Class AB power amp stage delivers 50W per channel into 8 ohms, with a maximum current delivery of 9 Amps, into difficult loads. The output stage of the discrete power amp circuits uses a CFB (Complementary Feedback) topology, ensuring superior linearity and excellent thermal stability, as the idle current is kept independent of the temperature of the output transistors. A substantial 200VA toroidal transformer, followed by 4x15,000uF reservoir capacity (60,000uF in total), helps the amp to maintain firm control of the music whilst enabling excellent dynamic range. More than just a class leader, the **Omnia** is a class-beater in terms of amplifier performance!



DTS Play-Fi® App



Lossless Audio
Streaming



Interactive GUI



Easy Setup



ESS Sabre32 DAC



Ethernet
Connection



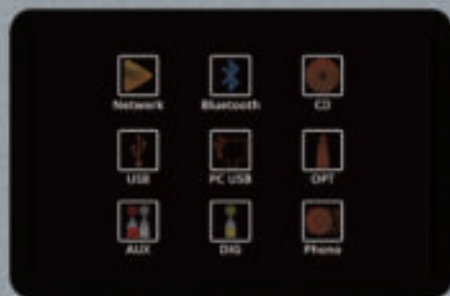
Multi-room



Wi-Fi® Technology



Any Operating
System



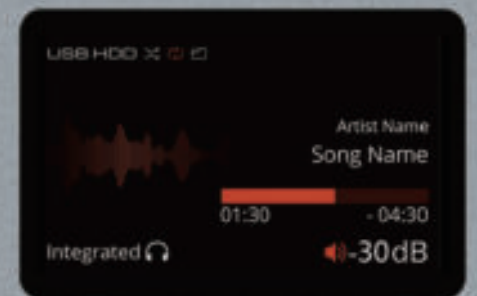
Source Options



VU Digital



VU Analogue



Playback Display

Omnia

All-in-one Music
System

Omnia

Like To Use Headphones

For those using headphones, as well as speakers, incorporates a dedicated headphone amp with current-feedback circuitry. Its gain bandwidth and high slew rate ensure a dynamic, detailed and engaging performance with all manner of headphone types – more boxes ticked for this most all-in-one of all-in-one systems!

IPS LCD Screen

Firmly planting itself as a very useable piece of high-tech equipment, the **audiolab Omnia** makes use of a colour IPS LCD screen, offering a higher clarity of colour and lower power consumption than TFT displays. Via the captivating display, the **audiolab Omnia** offers a simplified general user interface and a graphical integration with your music source and playback formats.

It also uses a brand new protocol for a real-time VU meter display, adding a touch of hi-fi finesse to the very functional, equally good looking, display interface.



roon
TESTED

MQA

dts play-fi

Hi-Res
AUDIO

Bluetooth®

aptX
csr

audiolab

Omnia

All-in-one Music
System

Omnia

Key Features

- **One for all**
A complete integrated stand-alone all-in-one music solution
- **Lifestyle and pedigree**
Encompassing a universal selection of playback options, **Omnia** offers it all:
 - CD playback
 - Full DAC and preamp facilities
 - Analog and digital source connectivity
 - Powerful stereo amplification
 - Dedicated headphone amplifier
 - Hi-res streaming via Wi-Fi or Ethernet
 - Major streaming service support (Spotify, Tidal, Qobuz, Amazon and more!)
 - Internet Radio
 - Multi-room compatibility
- **Own the digital domain**
The 32-bit enabled, ES9038Q2M SABRE³² DAC offers audiophile quality with ultra-low power consumption, and supports the industry's most popular high-resolution and lossless audio formats including MQA, FLAC, ALAC, AIFF and WAV as well as compressed legacy formats.



audiolab

Omnia

All-in-one Music
System

audiolab

Omnia

Key Features

- **MQA, all day, every day**

The **Omnia** includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording.

Visit mqa.co.uk for more information.



- **Roon Tested**

Being Roon Tested means that **audiolab** and Roon have collaborated to ensure you have the best experience using Roon software and **audiolab** equipment together, so you can just enjoy the music.

Visit roonlabs.com for more information.



- **All on display**

A 4.3-inch display offers an interactive and graphic general user interface experience.

- **On the meter**

Omnia's standout display offers specifically developed digital VU meters.

- **Inputs**

4 x S/PDIF digital audio (2 x optical; 2 x coaxial)

4 x analogue audio (3 x line level; 1x MM phono)

1 x power amp input

USB 2.0 port (replays stereo from compatible host)

CD playback (compatible with CD, CD-R, CD-RW discs)

- **Outputs**

Speaker binding posts

Headphone output

Preamplifier output

12V trigger



Omnia

All-in-one Music System

audiolab



Available in Silver and Black

SPECIFICATIONS

Model	Omnia
General Description	Integrated Amplifier
Design Philosophy and Core Technology	<ul style="list-style-type: none"> - 2x50W (8 ohms) / 2x75W (4 ohms) Class AB - ES9038Q2M 32-bit DAC - 4.3" (480 x 800px) large size full view IPS LCD - Built-in certified hardware MQA Full decoder (PC USB, Coax, Optical) - CD playback compatible with CD, CD-R, CD-RW discs - USB memory device support (MP3/WMA/AAC/WAV) - DTS Play-Fi technology (IEEE 802.11 a/b/g/n/ac) - Streaming service support includes Amazon Music, Spotify, TIDAL, KKBox, SiriusXM, Napster, Internet Radio, Deezer, iHeartRadio, PANDORA, Qobuz, QQmusic and more - Multi-room / multi speaker group support - Bluetooth 5.0 (aptX/aptX LL) streaming - Low noise moving magnet phono stage - Dedicated current-feedback headphone amplifier - Integrated / PRE-POWER / PRE only modes - Android / iOS / Kindle Fire / Windows PC control support - USB firmware upgrade input
Inputs	3 x Analogue, 1 x Phono (MM), 1 x Power Amplifier, 2 x SPDIF (Coax), 2 x SPDIF (Optical), 1 x DTS Play-Fi Streaming, 1 x PC USB (USB B), 1 x USB HDD (USB A), 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
Pre-amplifier Section	
Gain	+8dB (Line) +47dB (Phono MM)
Input Sensitivity	720mV (Line, Volume = 0dB) 3.1mV (Phono MM, Volume = 0dB)
Input Impedance	10K (Line) 47K // 100pF (Phono MM)
Total Harmonic Distortion	< 0.0004% (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)

Model	Omnia
DAC	
D to A Converter	ES9038Q2M
Total Harmonic Distortion	< 0.0006% (1kHz @ 0dBFS)
Output Level (0dBFS, 1kHz)	2.1Vrms
Max. Sampling Frequency	Optical, Coaxial: 192kHz Ethernet, Wi-Fi: 192kHz USB A: 48kHz PC USB: PCM768kHz, DSD512
Signal-to-noise Ratio (S/N)	> 114dB (A-weighted)
Power Amplifier Section	
Gain	+29dB
Rated Power Output	2 x 50W (8 ohms, THD < 1%) 2 x 75W (4 ohms, THD < 1%)
Frequency Response	20Hz-20kHz (+/-0.3dB)
Total Harmonic Distortion	< 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	< 0.01% (1kHz, 50mW)
Output Impedance	10 ohms
Load Impedance	20-600 ohms
General	
Standby Power Consumption	< 0.5W
Net Weight	9.1kg
Gross Weight	11kg
Dimensions (mm) (W x H x D)	440 x 156 x 327
Carton Size (mm) (W x H x D)	540 x 412 x 210
Finishes	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.

DTS® Play-Fi®

Wireless Streaming Technology

audiolab



What is DTS Play-Fi®?

DTS Play-Fi® is premium whole-home wireless audio, now available from the largest ecosystem of brands in the world. Stream your favorite content with astounding audio quality, from every device that you've got.

All DTS Play-Fi® products are seamlessly interoperable, so you can find the perfect speaker for every room, and know that they will all make beautiful music together.

CES 2022 - Innovation Awards Honoree in Software & Mobile App

This award is further recognition of the value added functionality presented to our customers, by way of the DTS Play-Fi® app and integration with audiolab products.



Whole home audio, made easy:

DTS Play-Fi® sends audio from mobile devices to speakers throughout the home using a proprietary streaming, synchronization, and authentication technology.

Freedom of choice, at last

Every single DTS Play-Fi® product works perfectly with all the rest, regardless of brand, so you get a huge range of options to customize your home, and one simple, elegant listening experience.

DTS Play-Fi® offers an unparalleled selection of audio products for your home, from compact battery-powered speakers to powerful soundbars, built by the most respected audio brands in the business. No more compromising your style or taste to get a high-quality wireless audio solution.



An endless supply of music

DTS Play-Fi® comes with a wealth of music options from around the globe. Spotify, *Pandora, Deezer, Napster, KKBox and Sirius XM, to name a few. Browse a radio guide with thousands of stations and podcasts, or stream from a home media server.

Stay tuned, because new services are added all the time.

** Pandora is enabled for select Play-Fi products only.*

DTS® Play-Fi®

Wireless Streaming
Technology

audiolab



Works with every device you've got

Of course your music is always close by. And we know you have all kinds of devices in your life. That's why DTS Play-Fi® is built especially for smartphones, tablets, and PCs.

We have easy-to-use software for **Android**, **iOS**, **Kindle Fires**, and **Windows**. We support streaming via Spotify Connect, too. Any way you want to play, it just works.



Critical Listening

Want to sit down in a specific room and appreciate the fine subtleties of your high resolution audio collection? DTS Play-Fi® has you covered.

Critical Listening mode allows you to send your high resolution audio files to your premium DTS Play-Fi® product with no transcoding or downsampling, no wires necessary.

A/V Synchronization

No longer do you need to suffer through the tiny speakers of your laptop or tablet when watching videos or YouTube. With the DTS Play-Fi® app for *Windows, turn on Video mode, and send the audio to the nearest DTS Play-Fi® product to enjoy your video with premium sound wirelessly A/V synchronized.

**requires Windows upgrade purchase <https://play-fi.com/apps/windows/>*



More ways to control your music

We integrate with the software and hardware controls on your phone, tablet, or computer. Pause or seek through tracks in the notification or lock screen, or just leave the phone in your pocket and use the volume rocker to raise the noise throughout your house.

Got a smart watch? DTS Play-Fi® can be controlled from both Android Wear and Apple Watch systems. Easily see what's playing at a glance, and quickly change up how the sessions going, without ever having to touch your phone.

DTS Play-Fi® Headphones

With the new DTS Play-Fi® Headphones app, you can enjoy high quality TV audio privately through any pair of headphones.

Not only do you get the great sound quality and tight A/V synchronization of DTS Play-Fi®, you can also connect to multiple headphones or speakers at the same time.

This app is only available on iOS and Android is coming soon!



DTS® Play-Fi®



How DTS Play-Fi® Stacks Up

	DTS Play-Fi®	Sonos	Airplay	Google Cast	Bluetooth
Android Compatible	●	●		●	●
iOS Compatible	●	●	●	●	●
Kindle Fire Compatible	●	●			‡
Play From Any Application On A Windows PC	●				●
Dual-Band Wi-Fi	●		●	●	
Multi-Room, Expandable System (Synchronous)	●	●	†	●	
Multi-Zone Streaming From A Single Device	●	●		●	
Left/Right Stereo Speaker Pairing	●	●			
Lossless High-Resolution (24bit/192kHz) File Playback	●				
Optional Downsampling Of Hi-Res Content	●				
One Touch Music Station Presets	●				
Works With Alexa	●	●			
Modes For Synchronizing Audio With Video Source	●				
Wireless Surround Sound	●	●			
Stream From Device Inputs (Aux/Phono/HDMI/etc.)	●	●			
App-based Wireless Headphones	●				

† Plays to multiple rooms only from your iTunes collection running on a PC. Airplay cannot play to multiple rooms from your iPhone or iPad.

‡ This feature is only available on laptops/computers and Kindle Fire models with Bluetooth capabilities (e.g. Macs)

Wireless Streaming
Technology

audiolab

8300
series

8300 series

*Right: 8300A integrated amplifier paired with
8300XP stereo power amplifier and 8300CDQ CD
player*

audiolab



8300
series

CD
player

8300CDQ

Extra Value Added

In addition to the 8300CD family, the **8300CDQ** adds full analogue preamp functionality. The existing digital inputs are joined by three line-level analogue inputs, providing source selection and volume control in the analogue domain. The preamplifier section is fully balanced and all analogue input signals are converted to balanced form, helping to reduce distortion and noise. Class A gain structures are present throughout, and users may choose between pre-amplification in the analogue or digital domain in respect of the digital inputs. The **8300CDQ** adds a direct-coupled, discrete, Class A headphone amplifier, accessible via a socket on the front panel.

8300CDQ includes MQA technology, which enables you to play back MQA audio files and streams, delivering the sound of the original master recording. MQA (Master Quality Authenticated) is an award-winning British technology that delivers the sound of the original master recording. The master MQA file is fully authenticated and is small enough to stream or download. Visit mqa.co.uk for more information.



audiolab

The MQA logo is a trademark of MQA Limited.

8300
series

CD
player



Available in Silver and Black

SPECIFICATIONS

Model	8300CDQ
General Description	CD player, digital-to-analogue converter
Disc Compatibility	CD / CDR, etc.
USB Audio Compatibility	Supports MQA decoding, 384k PCM and DSD256
DAC	ESS Sabre32 9018 chip
Resolution	32 bits
Sampling Frequency	Optical, Coaxial, AES: 32kHz - 192kHz USB: 32kHz - 384kHz (PCM) / DSD64, DSD128, DSD256
Maximum Sampling Frequency	Optical, Coaxial, AES: 192kHz USB: 384kHz (PCM) / 11.2M (DSD256)
Digital Input	2 x Coaxial, 2 x Toslink Optical, 1 x USB for PC USB
Analogue Input	3 x AUX
Digital Output	1 x Coaxial, 1 x Toslink Optical
Output Voltage	4.2Vrms \pm 0.1 (balanced), 2.1Vrms \pm 0.1 (unbalanced)
Output Impedance	10 ohms
Total Harmonic Distortion	<0.002%
Frequency Response	20Hz - 20kHz (\pm 0.2dB)
Signal-to-Noise Ratio (S/N) A wtd	RCA: <98dB, XLR: <100dB
Dynamic Range A wtd	RCA: >98dB, XLR: >100dB
Crosstalk @1K	RCA: <-120dB, XLR: <-130dB
Standby Power Consumption	<0.5W
Dimensions (W x H x D)	444 x 80 x 317mm
Net Weight	6.0kg

audiolab

8300
series

stereo
power
amplifier

audiolab

8300XP

New Stereo Power Amplifier

The **8300XP** is a classic **audiolab** stereo power amplifier, with a sound as clean and crisp as its minimalist exterior. Its pedigree is impeccable, descended from a range of amplifiers revered throughout the world for their unerring ability to perform at the highest level.

Delivering 140W per channel into 8 ohms, the **8300XP** is capable of driving even the toughest of loudspeakers with sure-footed authority, combining **audiolab**'s class-leading neutrality with an unerring ability to engage the listener throughout a musical performance. When listening to the **8300XP**, what you hear is the music - pure and unadulterated, with detail and dynamic range fully intact.

Sound Optimization

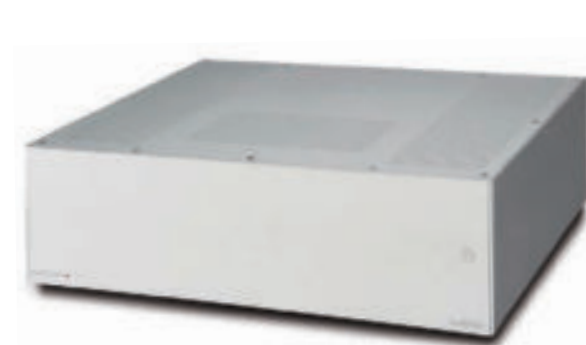
Exemplary build quality and reliability ensure that this is a power amp for all seasons, its versatility is increased by a choice of balanced XLR and single-ended RCA inputs, bi-wire speaker terminals and a pair of 12v trigger inputs. Internal circuit components are of the highest quality, right down to the power and signal wiring, which is made of ultra-pure OCC (Ohno Continuous Cast) copper - all in aid of minimising distortion whilst maximising sonic clarity.

Flexibility is further enhanced by the ability to add a second **8300XP** and operate in a bridged mode, thus increasing the power output to 480W per channel into 8 ohms. All **audiolab** amplifiers are gain-matched, ensuring perfect integration with other **audiolab** components – so you can start at the level that suits you best, and build up your system over time.



8300
series

stereo
power
amplifier



Available in Silver and Black

SPECIFICATIONS

Model	8300XP
Rated	140W RMS (8 ohms <1% THD, 1kHz stereo) 230W RMS (4 ohms <1% THD, 1kHz stereo) 480W RMS (8 ohms <1% THD, 1kHz bridge)
Gain	29dB @ 1kHz (stereo) 36dB @ 1kHz (bridge)
Input Sensitivity	1100mV
Input Impedance	15K (balanced) 10K (unbalanced)
Frequency Response	20Hz - 80kHz (-3dB) 20Hz - 30kHz (+/-1dB)
Total Harmonic Distortion (THD)	0.004% (20W, ref. 1kHz)
Intermodulation Distortion (IM)	0.004% (20W, ref. 7kHz+60Hz)
Transient Intermodulation Distortion (TID)	113dB (A-weighted, ref. 140W)
Signal-to-Noise Ratio (S/N)	140W / 113dB
Damping Factor	160
Power Requirement	240V~50-60Hz 230V~50-60Hz 115V~50-60Hz 100V~50-60Hz
Dimension (W x H x D)	444 x 149 x 367mm
Net Weight	16kg

audiolab

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.



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

audiolab

8300
series

mono
power
amplifier

audiolab



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 ohms, <1% THD, 1kHz)
Gain	29dB (8 ohms)
Inputs	RCA, XLR
Outputs	Speaker binding post terminal
Input Sensitivity	1500mV
Input Impedance	44kohms (balanced)
Outputs	22kohms (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

6000
series

6000 series



Above: **audiolab 6000N Play** wireless audio streaming player paired with **6000CDT** CD transport and **6000A** integrated amplifier, in silver finishes.

audiolab

6000
series

wireless audio
streaming
player

6000N Play

Play For Today

The **audiolab 6000N Play** is a wireless audio streaming player and is the latest member of the acclaimed **audiolab 6000 Series** of components.

Featuring DTS Play-Fi® Technology, music can be streamed over your wireless network in high-resolution format and can be easily expanded to a multi-room system if required. You can stream from any source on your wireless network, including smartphones, tablets or PCs as well as a NAS Drive.

The DTS Play-Fi platform offers a wealth of music options from around the globe. Spotify, Tidal, HD Tracks, Deezer, Amazon Music, Napster, KKBox and Sirius XM, to name a few. Browse a radio guide with thousands of stations and podcasts, or stream from a home media server with DLNA compatibility.

Taking technical elements from the coveted **audiolab 6000A** and **6000CDT**, however you want to stream your music, the **audiolab 6000N Play** will deliver outstanding music streaming performance.

WHAT HI-FI? AWARDS 2020, Product of the Year – Music streamers

WHAT HI-FI? AWARDS 2020, Best music streamer under £500

WHAT HI-FI? AWARDS 2019, Product of the Year – Music streamers

WHAT HI-FI? AWARDS 2019, Best music streamer under £500



audiolab

6000
series

wireless audio
streaming
player

6000N Play

Key Features

- **Wi-Fi® Technology** - DTS Play-Fi® streams music over standard Wi-Fi networks, delivering perfectly synchronized audio, with no lag and zero loss in sound quality
- **Any Operating System** - Fully compatible with all operating systems: Apple iOS, Android™, Windows® PC, and Fire OS
- **Easy Setup** - No logins, no complicated computer-based setups. Just download the app and within minutes, you're ready to listen
- **DTS Play-Fi® App** - Simply download the free app and immediately send songs via Wi-Fi to any speaker in any room of the house
- **Multi-room** - Enjoy music in every room of your house — all at once, perfectly synchronized, with no lag. You're in control
- **Lossless Audio Streaming** - Stream in 24-bit/192kHz with compatible streaming services and files formats
- **ESS Sabre³² ES9018K2M Reference DAC** - As seen in the award-winning **audiolab 6000A**
- **Isolated Power Supply** - As seen in the award-winning **audiolab 6000CDT**
- **Ethernet Connection** - Wired internet connection for high bandwidth applications



DTS Play-Fi® App



Easy Setup



ESS Sabre³² DAC



Ethernet
Connection



Lossless Audio
Streaming



Multi-room



Wi-Fi® Technology



Any Operating
System

audiolab

6000
series

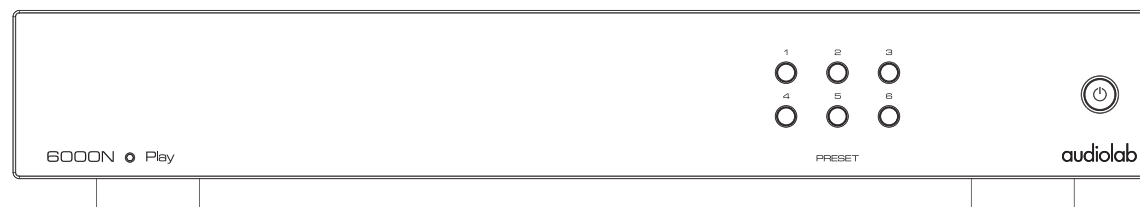
wireless audio
streaming
player



SPECIFICATIONS

Available in Silver and Black

Model	6000N Play
Digital Section	
Digital Output Level	500 +/- 50mVpp
Output Impedance	75 ohms
Maximum Resolution	192kHz/24bit
Digital Output	1 x coaxial, 1 x optical
D to A Converter	
Variable Output Voltage	0 – 2.1V
DAC	ES9018K2M
Frequency Response	+/-0.5dB (20Hz-20kHz, ref.1kHz)
Total Harmonic Distortion (THD)	<0.003% (1kHz @0dBFS, BW=20-20kHz)
Signal-to-Noise Ratio (S/N)	>115dB (A-weighted)
Analogue Output Impedance	100 ohms
Standby Power Consumption	<0.5W
Requirements (depending on region)	220V—240V~50/60Hz 100V—120V~50/60Hz
Dimensions (L x W x H)	445 x 313 x 65.5mm
Net Weight	4.9kg



audiolab

6000
series

wireless audio
streaming
player

6000A Play

Future Proof, Unrivalled

A combination of the illustrious and class-leading 6000A integrated amplifier with the acclaimed 6000N Play wireless audio streaming player, the **audiolab 6000A Play** is a richly specified, all-encompassing audio solution.

Adapting to the modern world of music streaming but retaining all of the awarding winning analogue and digital audio circuitry from the 6000A, the **6000A Play** offers almost universal source compatibility.

The **audiolab 6000A Play** incorporates the acclaimed DTS Play-Fi® platform for built-in high resolution wireless streaming playback (up to 24-bit / 192kHz with compatible services such as TIDAL or Qobuz). You can stream from any source on your wireless network, including smart phones, tablets or PCs as well as a NAS Drive. So, however you want to play your music, **audiolab's 6000A Play** will deliver an outstanding performance.

The DTS Play-Fi platform offers a wealth of music options from around the globe. Spotify, Qobuz, Tidal, HD Tracks, Deezer, Amazon Music, Napster, KKBox and Sirius XM, to name a few. Browse a radio guide with thousands of stations and podcasts, or stream from a home media server with DLNA compatibility.

Above all, the **audiolab 6000A Play** offers flexibility without compromise. With deep, well-defined bass, expressive midrange and sweet, subtle treble – the **6000A Play** offers an open window on the music being played, as all great hi-fi should, engaging the listener with natural, unforced energy that is fully reflective of the source material.



audiolab

6000
series

wireless audio
streaming
player

6000A Play

Key Features

- Full analogue and digital circuitry retained from the award winning and class leading **audiolab** 6000A integrated amplifier with built-in wireless steaming technology
- Class AB power amplification: 2x50W into 8 ohms; 2x75W into 4 ohms aptX Bluetooth streaming
- ESS Sabre32 ES9018K2M Reference DAC - as seen in the award-winning **audiolab** 6000A
- Three user-selectable digital filters
- Class A post-DAC active filter
- Low noise JFET MM phono stage
- Dedicated current-feedback headphone amp
- Three operational modes - Integrated Mode; Pre-Power Mode; Pre Mode
- Ethernet connection - wired internet connection for high bandwidth applications
- Dedicated high performance MM phono input
- Separate pre-power sections for flexibility of operation
- Automatic equipment activation via 12V trigger
- Auto standby function



audiolab

6000
series

wireless audio
streaming
player

6000A Play

Key Features

- **Wi-Fi® Technology**
DTS Play-Fi® streams music over standard Wi-Fi networks, delivering perfectly synchronized audio, with no lag and zero loss in sound quality.
- **Lossless Audio Streaming**
Stream in 24-bit/192kHz with compatible streaming services and files formats.
- **Multi-room**
Enjoy music in every room of your house. All at once, perfectly synchronized, with no lag. You're in control.
- **DTS Play-Fi® App**
Simply download the free app and immediately send songs via Wi-Fi to any speaker in any room of the house.
- **Easy Setup**
No logins, no complicated computer-based setups. Just download the app and within minutes, you're ready to listen.
- **Any Operating System**
Fully compatible with all operating systems: Apple iOS, Android™, Windows® PC, and Fire OS.



DTS Play-Fi® App



Easy Setup



ESS Sabre32 DAC



Ethernet
Connection



Lossless Audio
Streaming



Multi-room



Wi-Fi® Technology



Any Operating
System

audiolab

6000
series

wireless audio
streaming
player

audiolab



SPECIFICATIONS

Available in Silver and Black

Model	6000A Play
DTS Play-Fi Technology	IEEE 802.11a/b/g/n/ac Supports global, popular streaming content (Amazon Music, Spotify, TIDAL, KKBox, SiriusXM, Napster, InternetRadio, Deezer, iHeartRadio, Pandora, SoundMachine, Qobuz, QQmusic) Supports Speaker Groups Supports Android/iOS/Kindle Fire/Windows PC Control
Analogue Inputs	3 x AUX, 1x Phono (MM), 1x Power In
Digital Input	2 x Coaxial, 2 x Toslink Optical, Bluetooth (aptX/aptX LL)
Analogue Output	1x RCA Pre Out
Gain	+8dB (Line); +55dB (Phono MM)
Input Sensitivity	720mV (Line, Volume = 0dB); 3.1mV (Phono MM, Volume = 0dB)
Input Impedance	10K (Line); 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 (S/N)	> 110dB (Line, A-weighted); > 76dB (Phono MM, A-weighted)
D To A Converter	ES9018K2M
Total Harmonic Distortion (THD)	< 0.0006% (1kHz @ 0dBFS)
Output Level (0dBFS, 1kHz)	2.05V
Max. Sampling Frequency	192kHz
Signal-to-Noise Ratio (S/N)	> 112dB (A-weighted)
Digital Filters	Fast Roll-off, Slow Roll-off, Minimum Phase
Gain	+29dB
Rated Max. Power Output	2 X 50W (8 ohms, THD<1%); 2 X 75W (4 ohms, THD<1%)
Frequency Response	20Hz-20kHz (+/-0.3dB)
Input Sensitivity	720mV (Volume=0dB)
Total Harmonic Distortion (THD)	< 0.003% (1kHz @ 40W / 8 ohms)
Signal-to-Noise Ratio (S/N)	> 110dB (A-weighted)
Max. Output Current	9A
Total Harmonic Distortion (THD)	< 0.01% (1kHz, 10mW into 20 ohms)
Output Impedance	2.35 ohms
Load Impedance	20-600 ohms
Standby Power Consumption	< 0.5W
Power Requirements (depending on region)	220-240V ~ 50 - 60Hz; 100-120V ~ 50 - 60Hz
Dimensions (W x H x D)	445 x 65.5 x 300mm
Weight	7.9kg (Net)

6000
series

integrated
amplifier

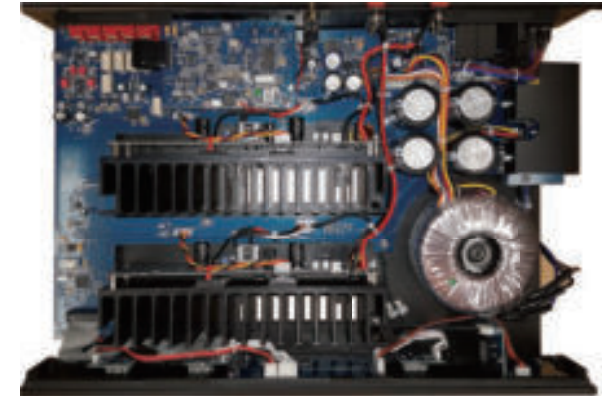
6000A

The Sound Of Science

The **6000A** integrated amplifier drives the **audiolab** philosophy to a new price point while living up to today's world of audio expectations. Now home to the latest 32-bit DAC (ES9018K2M), with a Class AB amplifier capable of supplying 2x50W (8 ohms) or 2x75W (4 ohms) of clean power. The option of selecting between Integrated / PRE-POWER / PRE ONLY modes is available, depending on individual requirements.

To make the **6000A** as versatile as possible it comes with multiple inputs: 3 x Analogue, 1 x Phono (Moving Magnet), 2 x SPDIF (Coax), 2 x SPDIF (Optical), 1 x Power Amplifier and Bluetooth (aptX) Technology.

WHAT HI-FI? Sep 2018, 5 Star review



audiolab

6000
series

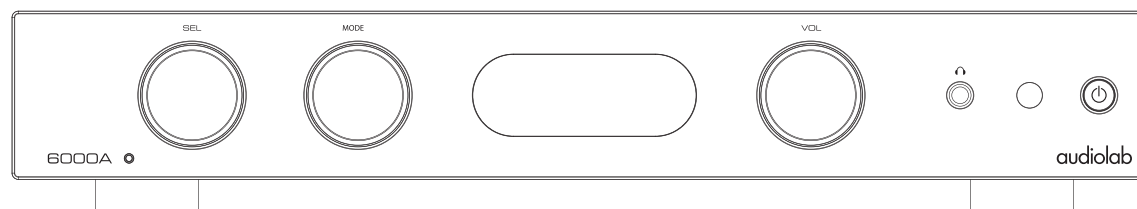
integrated
amplifier



Available in Silver and Black

SPECIFICATIONS

Model	6000A
General Description	Integrated amplifier
Design Philosophy and Core Technology	Support Bluetooth (aptX) / Phono (MM) In / trigger in and link / filter selection / USB upgrade
Analogue Input	3 x RCA, 1 x RCA Phono(MM), 1 x RCA POWER IN
Digital Input	2 x Coaxial, 2 x Optical, Bluetooth (aptX)
Variable Output Voltage	0 – 2.3V
Preamp Output Impedance	120 ohms
Frequency Response (Line)	20Hz-20kHz (+/-0.3dB)
Frequency Response (Phono)	20Hz-20kHz (+/-0.5dB)
Signal-to-Noise Ratio (Line)	>110dB (A-weighted)
Signal-to-Noise Ratio (Phono)	>76dB (A-weighted)
DAC	ES9018K2M
Total Harmonic Distortion (THD)	<0.0005% (1kHz @ 0dBFS)
Frequency Response	20Hz-20kHz (+/-0.3dB)
Signal-to-Noise Ratio (S/N)	>110dB (A-weighted)
Crosstalk	<80dB (@ 10kHz)
Standby Power Consumption	<0.5W
Dimensions (W x H x D)	445 x 65.5 x 313mm
Net Weight	7.9kg



audiolab

6000
series

CD
transport

6000CDT

audiolab's Latest CD Transport

The **6000CDT** is the latest CD transport from **audiolab**. Using **audiolab**'s slot-loading mechanism, the transport uses read-ahead digital buffering to reduce disc reading failures and deliver the highest level of digital signal extraction from a wide range of CDs, even capable of reading scratched and damaged CDs that are unreadable by conventional mechanisms. The onboard digital decoder utilises digital coax and optical outputs to deliver maximum versatility.



audiolab

6000
series

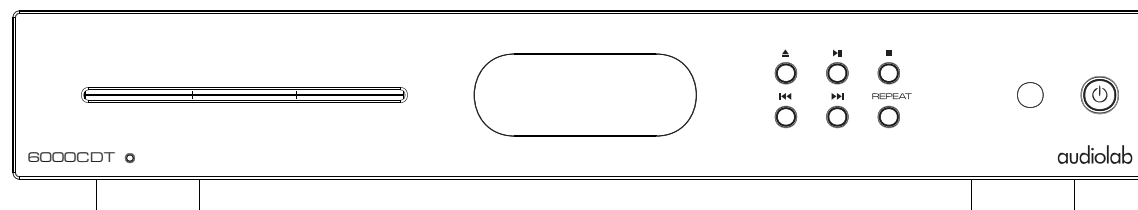
CD
transport



Available in Silver and Black

SPECIFICATIONS

Model	6000CDT
General Description	CD player
Digital Output Level	550 +/- 50mVpp
Digital Output Impedance	75 ohms
Frequency Response	-0.01dB (20Hz-20kHz, ref.1kHz)
Total Harmonic Distortion	<0.001% (1kHz)
Signal-to-Noise Ratio (S/N)	115dB
Sampling Rate	44.1kHz
Digital Output	1 x Coaxial, 1 x Optical
Standby Power Consumption	<0.5W
Dimensions (W x H x D)	445 x 65.5 x 300mm
Net Weight	5.4kg
Power Requirements (depending on region)	220-230V ~ 50/60Hz 110-120V ~ 50/60Hz 100V ~ 50/60Hz



audiolab

M-DAC series

digital-to-
analogue
lineup

M-DAC+

- The new styling is in keeping with the new 8300 series industrial design making the **M-DAC+** a perfect companion for the 8300A or 8300XP
- 32-bit ESS Sabre DAC
- Widely renowned as the best-sounding DAC available
- Similarly to the 8300CD, the **M-DAC+** extends its frequency response to 384kHz via USB
- This is far higher than current hi-res formats, meaning it is equipped for future advances in digital audio
- USB A for iOS device playback and charging
- Same versatile PCM & DSD filters as 8300CD
- 12v trigger connections
- Inputs: 2 x COAX, 2 x OPT, AES, USB A, USB B
- Outputs: 2 x Balanced XLR, 2 x RCA, OPT, COAX

WHAT HI-FI? AWARDS 2016, 5 Stars Test Winner



audiolab

M-DAC series

integrated
amplifier



Available in Silver and Black

SPECIFICATIONS

Model	M-DAC+
General Description	Digital-to-analogue converter
DAC	ESS Sabre32 9018 chip
Sampling Rate	24-bit / 192kHz (Optical, Coaxial, AES) 32-bit / 384kHz (USB) 2.8MHz (DSD64), 5.6MHz (DSD128), 11.2MHz (DSD256)
Digital Input	2 x Coaxial, 2 x Toslink Optical, 1 x AES/EBU, 1 x USB for PC USB, 1x USB for iPod/iPhone/iPad
Digital Output	1x Coaxial, 1 x Toslink Optical
Output Voltage	Balanced: 4.5Vrms \pm 0.1 Unbalanced: 2.25Vrms \pm 0.1
Output Impedance	10 ohms
THD (1kHz 0dB 20Hz - 20kHz A wtd)	<0.002%
Frequency Response	20Hz - 20kHz (\pm 0.2dB)
Signal-to-Noise Ratio A Wtd	RCA: >115dB, XLR: >120dB
Dynamic Range A Wtd	RCA: >115dB, XLR: >120dB
Crosstalk @ 1k	RCA: <-120dB, XLR: <-130dB
Dimensions	114 x 247 x 292mm
Net Weight	3.7kg

audiolab

DC BLOCK 6

Mains Filter
& Direct
Current Blocker

DC BLOCK 6

Six-pack Super Hero to Fight Corruption on Your Mains Supply!

Mains electricity has a fundamental influence on the audio signal as it passes through a system, from source to amplifiers to speakers. The mains supply in a typical home is subject to interference induced by a range of issues, causing the AC waveform to distort before it reaches each component. This creates noise in the audio signal, which degrades sound quality – a situation that continues to worsen with more and more electrical devices being added to the home mains supply.

One common issue is 'DC on the mains' – a problem that is well known to affect the performance of audio equipment, especially amplifiers. In theory, the mains electricity we obtain from the sockets in our homes should be pure AC, with a perfectly symmetrical sine wave alternating between positive and negative phases.

The AC transformers commonly used in home audio equipment cannot tolerate the presence of significant levels of DC voltage without being compromised. Less than 500mV of DC – typical in an average household electricity supply – can be sufficient to cause toroidal transformers of the kind often found in amplifiers to become saturated, which adversely affects sonic performance and may cause audible mechanical vibration.



audiolab

DC BLOCK 6

Mains Filter
& Direct
Current Blocker

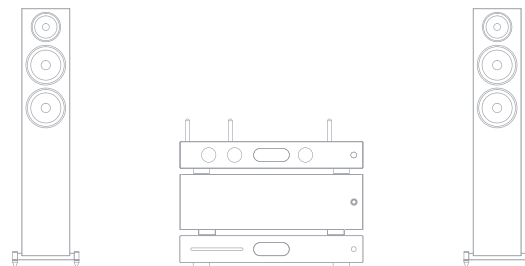
DC BLOCK 6

The **audiolab DC BLOCK 6** is a six-way solution for this all-too-common problem. By blocking, or cancelling, DC voltage found within the AC mains supply, the **DC BLOCK 6** corrects the DC offset and rebalances the mains sine wave. But tackling 'DC on the mains' is not the only benefit delivered by this dual-action device – it also contains a high-performance audio-class filtering circuit that removes RFI/EMI contaminants from the mains supply. This is effective in reducing both differential-mode noise (exacerbated by cheap switch-mode power supplies used by many home appliances) and common-mode noise (aggravated by airborne interference from phones, Wi-Fi networks and Bluetooth).

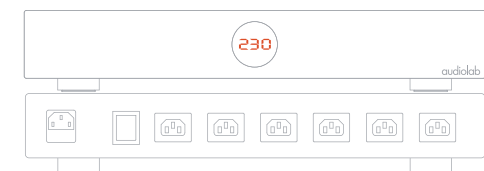
The **DC BLOCK 6** has one single mains input and offers six IEC outlets for the mains power supply of your audio system components.

Perfectly sized to match **audiolab** components and to easily fit into a typical hi-fi shelf/rack system, the **DC BLOCK 6** also features a front-panel voltmeter display (which can also be powered off for a more discreet placement).

Mains Filter & Direct Current Blocker



► Suitable for all audio or AV systems



- OLED voltmeter display
- One single mains input connection
- Six independent outlets for source components; CD player, power amps, subwoofers, active speakers, etc.

audiolab



DC BLOCK 6

Mains Filter
& Direct
Current Blocker

DC BLOCK 6

KEY FEATURES

- Suitable for all audio or AV systems
- Removes DC from AC mains supply, transformer hum, and RF interference
- Offers radical improvement in mains quality, transformer and power supply performance, and therefore sound quality
- ISix independent outlets for source components; power amps, preamps, integrated amplifiers, CD players, DACs, etc.
- One single mains input connection
- Simplified OLED display on voltmeter with display on/off option

SPECIFICATIONS

Model	DC BLOCK 6
General Description	Mains filter & direct current blocker
Design Philosophy and Core Technology	6 outlets High frequency filter suppressing noise on the mains power line Blocks DC on the mains power line Overload protection Digital voltage
Audio Power	Each receptacle loading 8A
Amplifier Compatibility	Max total loading 10A

Model	DC BLOCK 6
Net Weight	4.6kg
Gross Weight	6.8kg
Dimensions (W x H x D)	444 x 306.4 x 78.4mm
Carton Size (W x H x D)	500 x 455 x 140mm
Finish	Black / silver
Power Requirements (depending on region)	100-240V ~ 50/ 60Hz
Standard Accessories	Power cord, user manual, etc.

* Note: The **audiolab DC BLOCK 6** is designed for audio equipment with variable power requirements up to max. Peak Load should not feed any permanent high power loads such as heaters or similar.

audiolab

DC BLOCK

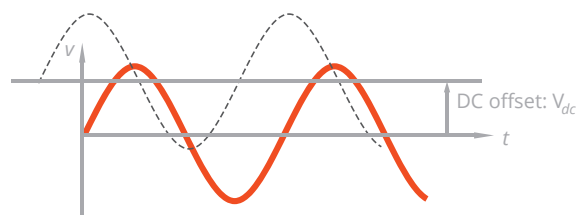
Direct
product
Blocker

DC BLOCK

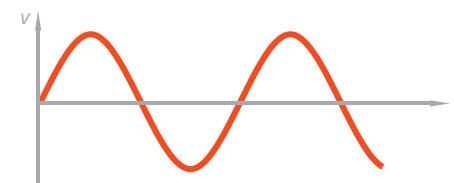
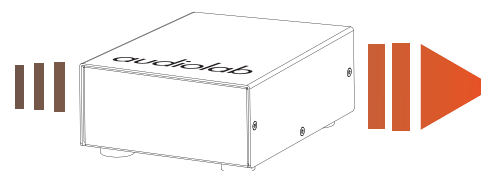
Direct Current Blocker

The **audiolab DC BLOCK** utilises a simple connection and intelligent design that will help remove DC from your mains power supply, instantly. As well as DC removal, the **audiolab DC BLOCK** provides additional mains conditioning and RF filtering, of both common and differential mode noise, which further contributes to the optimal operation of your audio equipment.

The **audiolab DC BLOCK** mains conditioner is compatible with most audio equipment that utilises an IEC mains inlet and will offer a no-nonsense, instant improvement to the mains power supply, and ultimately, the performance of your Hi-Fi system.



- Asymmetrical loads cause the waveform to be offset and result in what is known as 'DC on the mains'
- This typically manifests in 'noisy operation' and acoustically compromised performance



- DC is removed from the AC supply for a purer signal
- Transformer hum and other adverse effects are significantly reduced

audiolab

DC BLOCK

Direct
product
Blocker

DC BLOCK

KEY FEATURES

- Removes DC from AC mains supply
- Reduces transformer hum
- Reduces RF interference
- Improves the performance of audio components



Available in Silver and Black

SPECIFICATIONS

Model	DC BLOCK
Power Requirement	100-240V ~ 50-60Hz
Peak Load*	600VA
Audio Power Amplifier Compatibility	< 2x150W or < 1x300W
Dimension (W x H x D)	113 x 59 x140mm
Weight (net)	0.7kg

Note: The **audiolab DC BLOCK is designed for audio equipment with variable power requirements up to max. Peak Load and should not feed any permanent high power loads such as heaters or similar.*





3 YEAR
WARRANTY



Audiolab now offers a 3 year warranty!
Register for your extended warranty here.

audiolab.co.uk/warranty

9000A



9000CDT



9000N



7000A



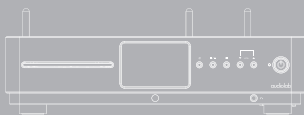
7000CDT



7000N Play



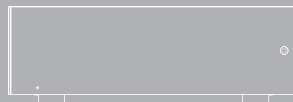
Omnia



8300 CDQ



8300 XP



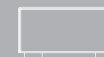
8300 MB



M-DAC+



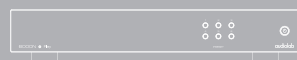
DC BLOCK



6000 A Play



6000 N Play



6000 A



6000 CDT



DC BLOCK 6



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