

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, Omnia, 8300 Series, 6000 Series, M-DAC Series, DC BLOCK Series



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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."

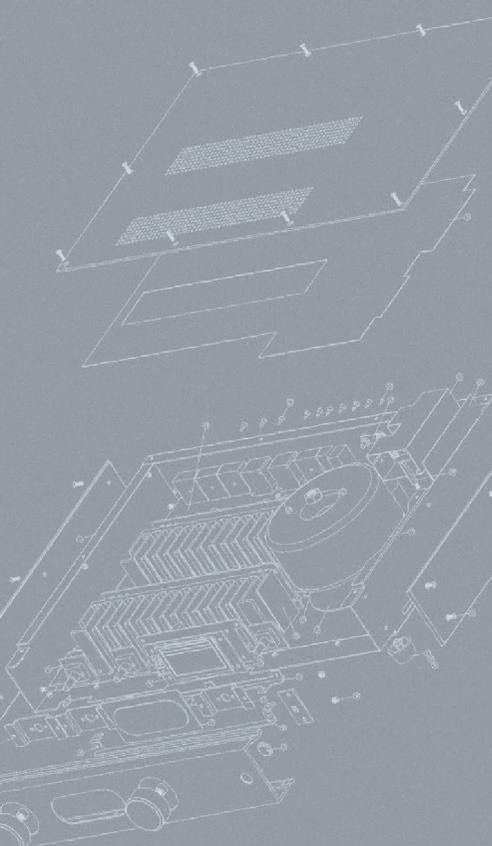


Peter Comeau, *Head of IAG acoustic design*

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.

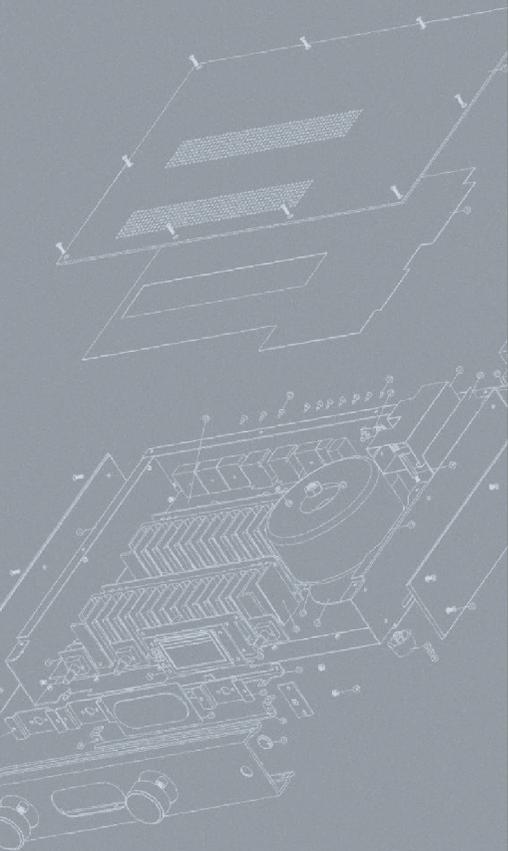
Awards

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
- 2009** Hi Fi Plus - POY 2009 Highly Commended Award
Hi Fi World - 5-Globes Award
- 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
- 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
- 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
Hi Fi Choice -5 stars Award
Hi Fi Choice -Editor's Choice
Home Cinema Choice Best Buy
WHF? Sound and Vision - Best Digital Headphone Amp
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
- 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
Hi-Fi Choice - Recommended
Gramophone - Product Of The Month
Hi-Fi Choice - Recommended
Hi-Fi World - 5 Globes Award
- 2017** avforums - Best Hi-Fi Amplifier 2017
Hi-Fi World - 5 Globes Award
Hi-Fi Choice - Recommended
Hi-Fi Choice - Editor's Choice

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Awards (cnt)



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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				
lite Das Lifestyle & Technik Magazin - Outstanding (middle class category)	M-DAC nano				
Stereo & Video Magazine - 5 Stars Outstanding	8300CDQ				
Hi-Fi Choice - 5 Stars Award	8300CDQ				
What Hi-Fi - 5 Stars	M-DAC nano				
What Hi-Fi? - Music Streamer of the Year	6000N Play				
What Hi-Fi? - 5 Stars Award	6000N Play				
Hi-Fi Choice - Recommended	6000N Play				
AUDIO.de Magazine - Good & Affordable	6000N Play				
Soundstage! Access - Reviewer's Choice	6000A				
Hi-Fi Choice - Recommended	M-DAC+				
What Hi-Fi? - Best DAC £100-£200	M-DAC nano				
What Hi-Fi? - 5 Stars Award	M-DAC nano				

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Interactive GUI



ESS Sabre32 DAC



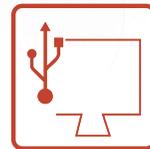
12v Trigger



Optical Input



Coax Input



PC USB



XLR



Phono

9000 series



Interactive GUI



Auto Source Select



Optical Output



Coax Output

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.

9000A *Integrated Amplifier*

roon
TESTED



AA MQA

Bluetooth®

apt X[®]
csr

'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.

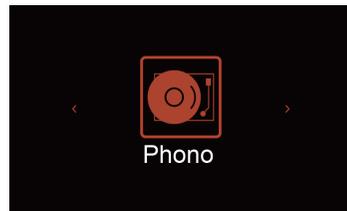
9000
Series

Integrated
Amplifier

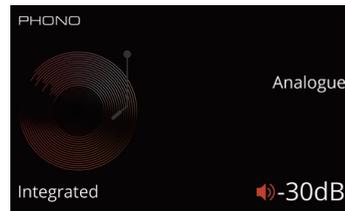
9000A

Key Features

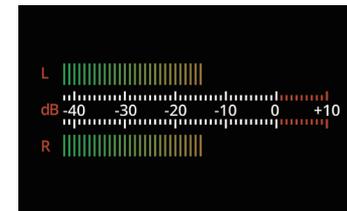
- Full DAC (ESS 9038Pro) and preamp facilities
- High-performance phono preamp
- Analogue and digital source connectivity
- Bluetooth aptX, aptX HD, LDAC receiver
- Powerful stereo amplification
- Dedicated headphone amplifier
- 800 x 480mm WVGA full view IPS LCD screen



Phono



Phono Playback Display



Digital VU



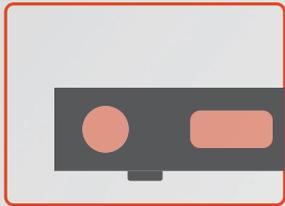
Volume Control



audiolab



Integrated Amplifier



Pre-amplifier



Headphone Amplifier



9000
Series

Integrated
Amplifier



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

SPECIFICATIONS

Model	9000A
General Description	Integrated Amplifier
	2 x 100W (8 ohms) / 2 x 160W (4 ohms) Class AB ES9038Pro 32-bit DAC 4.3" (800 x 480mm) large size full view IPS LCD Built in certified hardware MQA Full decoder (PC USB, Coax/Optical)
Design Philosophy and Core Technology	Support Bluetooth 5.0 (aptX/aptX HD/AAC/LDA) streaming Dedicated high performance low noise MM phono stage Dedicated Current-feedback headphone AMP Integrated / PRE-POWER / PRE only modes Support USB upgrade
Inputs	3 x Analogue, 1 x XLR, 1 x Phono (MM/MC), 1 x Power Amplifier, 2 x SPDIF (Coax), 2 x SPDIF (Optical), 1 x PC USB (USB B), 1 x Bluetooth (aptX/aptX HD), 1 x 12V Trigger
Outputs	1 x PRE Amplifier, 1 x Stereo Speaker, 1 x Headphone, 1 x 12V Trigger
Sampling Frequency	Optical/Coaxial: 44.1kHz-192kHz; PC USB: 44.1kHz-768kHz (PCM) / DSD64, DSD128, DSD256, DSD512
Preamplifier Section	
Gain	+6dB (Line), +53dB (Phono MM)
Input Sensitivity	1Vrms (Line, Volume = 0dB); 2Vrms (XLR, Volume = 0dB), 4.4mV (Phone MM, Volume=0dB)
Input Impedance	10K (Line & XLR); 47K // 100pF (Phono MM)
Total Harmonic Distortion (THD)	< 0.0004% (1kHz @ 2V, Volume = 0dB)
Frequency Response	20Hz-20kHz (+/-0.1dB)
Output Voltage	2.3V max. (Volume = 0dB)
Output Impedance	120 ohms
Signal-to-Noise Ratio	> 110dB (Line & XLR, A-weighted); > 80dB (Phono MM, A-weighted)
DAC	
D to A Converter	ES9038Pro
Total Harmonic Distortion (THD)	< 0.001% (1kHz @ 0dBFS)
Output Level (0dBFS, 1kHz)	2.1Vrms
Max. Sampling Frequency	Optical, Coaxial: 192kHz; PC USB: PCM768kHz, DSD512
Signal-to-Noise Ratio (S/N)	> 117dB (A-weighted)

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

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.

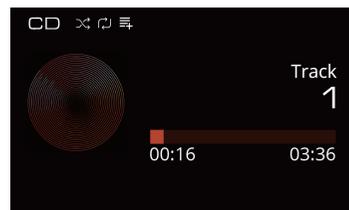
9000
Series

CD
Transport

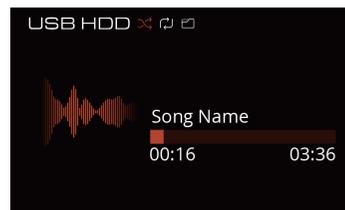
9000CDT

Key Features

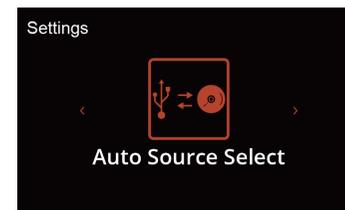
- High-end CD mechanism with a precision optical system
- Playback from CD or USB HDD
- Automatic equipment activation via 12V trigger output
- 800 x 480mm WVGA full view IPS LCD screen



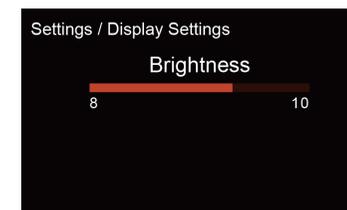
CD Playback Display



USB Playback Display



Settings / Auto Source Select



Brightness Adjustment



audiolab

9000
Series

CD
Transport



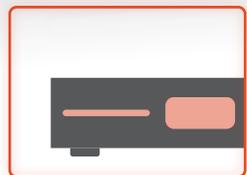
Available in **BLACK** and **SILVER** finishes

SPECIFICATIONS

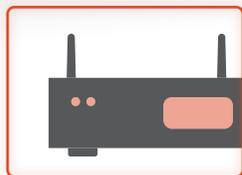
Model	9000CDT
General Description	CD Transport
Design Philosophy and Core Technology	CD/CD-R/CD-RW compatible USB storage device playback function (MP3/WMA/WAV) Full colour display Interactive GUI Auto-source selection
USB Storage Device Audio Format	Support WAV, MP3, WMA format playback
USB Storage Device File System	Support FAT12, FAT16 and FAT32 format
Digital Output Amplitude	500 +/-50mVpp
Output Impedance	75Ω
Frequency Response	-0.01 dB (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 322 X 89
Carton Size W x H x D (mm)	514 X 470 X 161
Net Weight	5.74kg
Gross Weight	7.6kg

audiolab

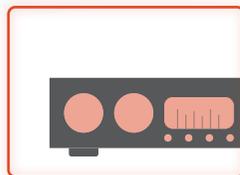
audiolab



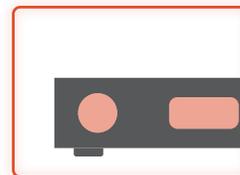
CD Player



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, an 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



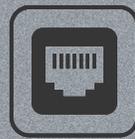
Interactive GUI



Easy Setup



ESS Sabre32 DAC



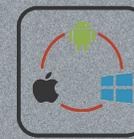
Ethernet Connection



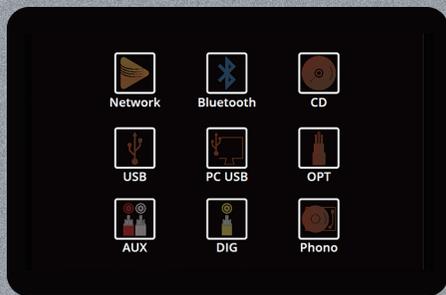
Multi-room



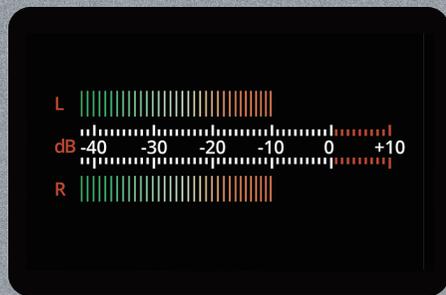
Wi-Fi® Technology



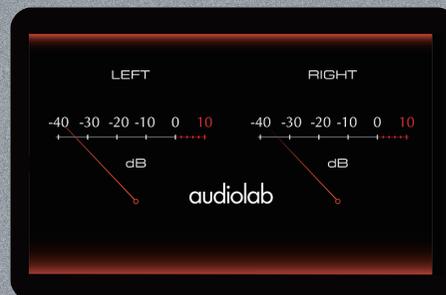
Any Operating System



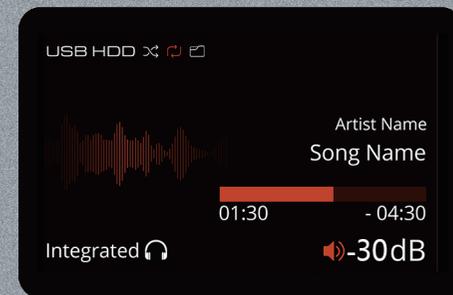
Source Options



VU Digital



VU Analogue



Playback Display



ROON
TESTED



dts play-fi



Bluetooth®



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.

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

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

Preamp output

12V trigger



audiolab

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" (800x480mm) 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®



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.



Wireless Streaming
Technology



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.

audiolab

DTS® Play-Fi®



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.



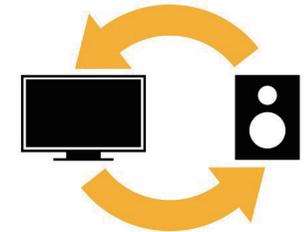
Critical Listening

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!



Wireless Streaming
Technology

audiolab

DTS® Play-Fi®



How DTS Play-Fi® Stacks Up

Wireless Streaming Technology

	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)

audiolab

8300
series

8300 series



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

audiolab

8300
series

integrated
amplifier

8300A

Versatile High End Integrated Amplifier

The **8300A**'s circuit design delivers all-new sound quality. The soundstage it produces is deeper and broader, with greater space and separation within. Instrument and voices are better defined, their character is vividly portrayed. Dynamic range is greater and frequency response is further extended, with greater bass definition and treble that is both crisper and sweeter. In short, it delivers an open window on the music being played, as all great HiFi should, engaging the listener with natural, unforced energy that is fully reflective of the source material.

At this amplifier's heart is a powerful dual-mono amplifier delivering 75W per channel into eight ohms. CFB or 'Complementary Feedback' topology offers superior linearity and ensures excellent thermal stability.

ACD or 'Active Current Drive' means current limiting is under microprocessor control, programmed to allow the amplifier to supply high currents into complex loads, on par with amplifiers that are bigger and more powerful on paper.



audiolab

8300
series

integrated
amplifier



Available in Silver and Black

SPECIFICATIONS

Model	8300A
General	Integrated amplifier
Description Design Philosophy and Core Technology	Dual mono power amp design
Display	OLED 128x64 pixels 2.7"
Controls	Logarithmic ladder volume circuit
Finish	Fine textured aluminium (black / silver)
Standby Features	Yes
12v Trigger	Yes
Phono	Yes (MM/MC)
Balanced XLR Input	Yes
Pre-amplifier Section	
Inputs	CD, video, tuner, Aux 1, Aux 2, XLR (balanced) & phono
Outputs	2 x RCA
Input Sensitivity (Phono RIAA)	3.4mV (MM), 340uV (MC)
Input Impedance (Line Inputs)	50K // 100pF
Input Impedance (Phono Inputs)	47K // 100pF (MM), 100R // 1.5nF (MC)
Input Voltage (Line)	3.5V max. (< 0.02% THD)
Output Voltage	2.3V max. (< 0.02% THD)
Preamp Output Impedance	120 ohms
Frequency Response (Line)	10Hz - 20kHz (+/- 0.1dB)
Frequency Response (Line)	1Hz - 100kHz (+/- 3.0dB)
Frequency Response (Phono RIAA)	20Hz - 20kHz (+/- 1.0dB)
Channel Imbalance	<0.2dB (10Hz - 20kHz)
Total Harmonic Distortion (THD) Line	<0.001%
Total Harmonic Distortion (THD) Phono	<0.002%

Model	8300A
Signal-to-Noise Ratio (Line)	>107dB >109dB (A-weighted)
Signal-to-Noise Ratio Phono (MM)	>73dB >78dB (A-weighted)
Signal-to-Noise Ratio Phono (MC) (Volume = 0db, Vin=300uV, Rs=0r, BW=20-20kHz)	>68dB >73dB (A-weighted)
Crosstalk	<80dB (L-> R & R->L @10kHz)
Power Amplifier Section	
Gain	29dB (20Hz-20kHz)
Input Sensitivity	840mV (Power Out = 70W into 8 ohms)
Input Impedance	15K // 100pF
Rated Max Power Output, Thd < 1%	2 x 75W RMS (8 ohms), 2 x 115W (4 ohms) (Ref. Power Supply = 230V AC)
Peak Output Current	+/- 15A
Frequency Response	+/- 0.1dB (10Hz - 20kHz) +/- 3.0dB (1Hz - 100kHz)
Channel Imbalance	<0.2dB (10Hz - 20kHz)
Total Harmonic Distortion (THD)	<0.002% (Power Out = 50W @ 1kHz, BW = 20Hz - 20kHz)
Signal-to-Noise Ratio	>107dB (BW = 20 - 20kHz) >109dB (A-weighted BW = 20 - 20kHz)
Damping Factor	>100 (8 ohms Load @ 1kHz)
Inputs	1 x RCA
Outputs	2 x Preamp
Dimensions	80 x 444 x 330.3mm
Weight	7.8kg

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

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.



audiolab

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



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

audiolab

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

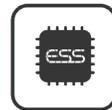
- **Wi-Fi® Technology** - DTS Play-Fi® streams music over standard Wi-Fi networks, delivering perfectly synchronized audio, with no lag and zero loss in sound quality
- **Any Operating System** - Fully compatible with all operating systems: Apple iOS, Android™, Windows® PC, and Fire OS
- **Easy Setup** - 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

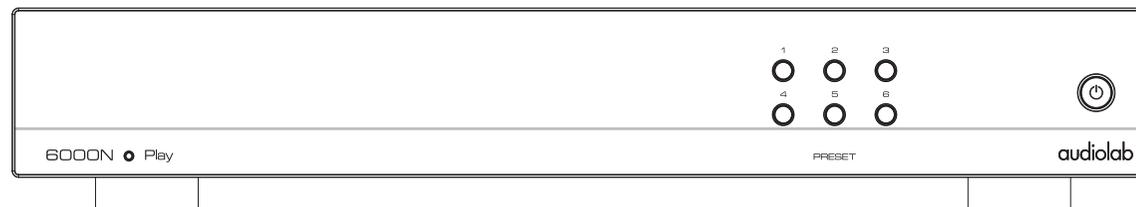
wireless audio
streaming
player



Available in Silver and Black

SPECIFICATIONS

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



Available in Silver and Black

SPECIFICATIONS

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, 1 x Phono (MM), 1 x Power In
Digital Input	2 x Coaxial, 2 x Toslink Optical, Bluetooth (aptX/aptX LL)
Analogue Output	1 x 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)

audiolab

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.



audiolab



6000
series

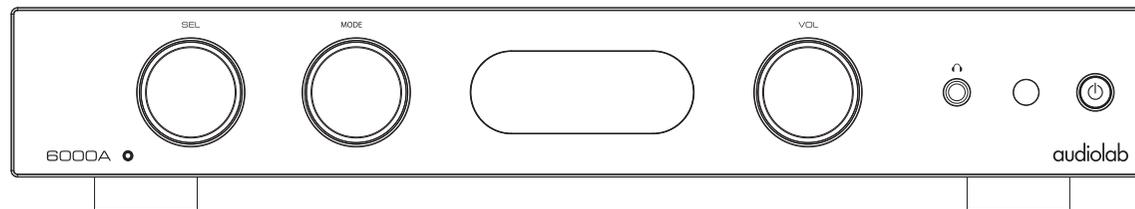
integrated
amplifier



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

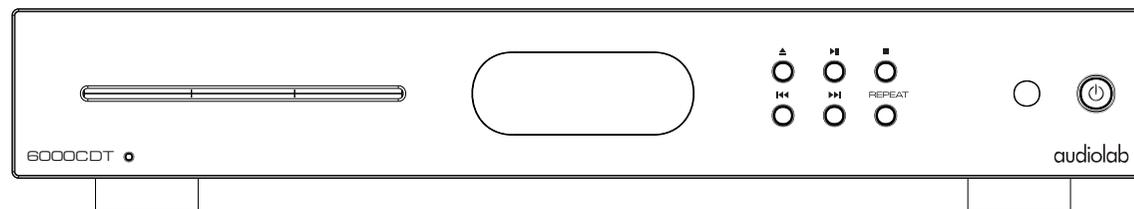
CD
transport



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



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

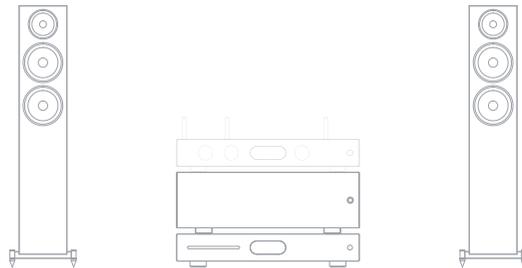
DC BLOCK 6

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

Mains Filter
& Direct
Current Blocker



audiolab



audiolab

DC BLOCK 6

DC BLOCK 6

KEY FEATURES

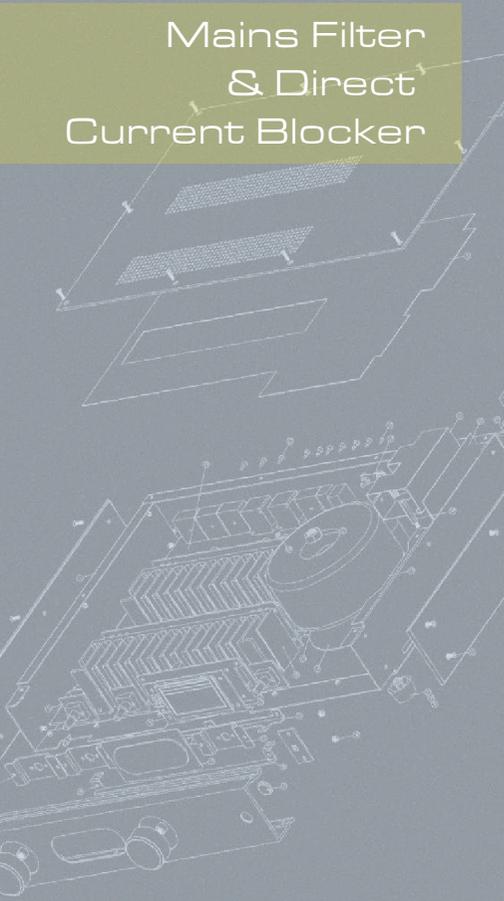
- Suitable for all audio or AV systems
- Removes DC from AC mains supply, transformer hum, and RF interference
- Offers radical improvement in mains quality, transformer and power supply performance, and therefore sound quality
- Six independent outlets for source components; power amps, preamps, integrated 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

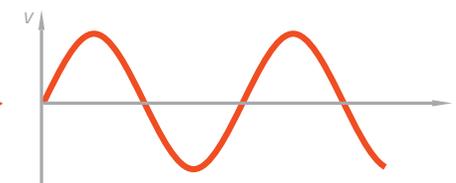
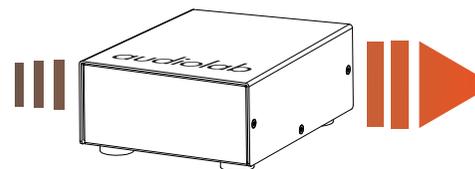
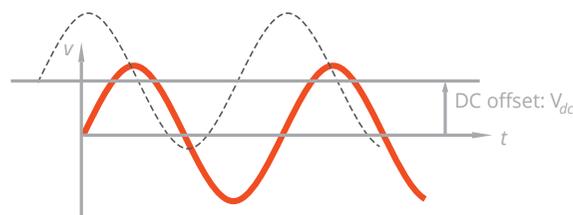
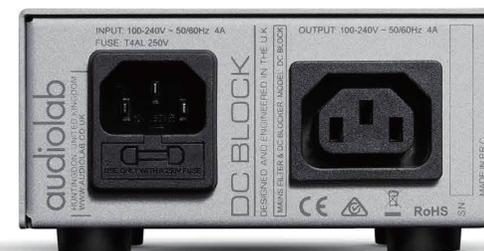
Direct
product
Blocker

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 x 140mm
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.*

audiolab

9000A



9000CDT



Omnia



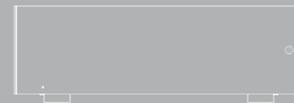
8300 A



8300 CDQ



8300 XP



8300 MB

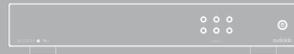


M-DAC+

6000 A Play



6000 N Play



6000 A



6000 CDT



DC BLOCK 6

DC BLOCK

audiolab

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