

D7

DAC

audiolab



**available in SILVER and BLACK finishes*

Recommended Retail Price: £449

Availability	
Order:	March 2025
Shipping:	March 2025

Audiolab D7 – Entry-level price, premium performance,**Legendary Heritage, Modern Evolution**

Born from Audiolab's pioneering M-DAC lineage and a family of modern DAC-equipped electronics, the D7 continues the tradition of class-leading DAC performance at an entry-level price.

The Audiolab M-DAC changed the scene of affordable audiophile DAC technology upon its launch in 2011. It set the path for Audiolab's DAC integration in a plethora of award-winning, benchmark-setting hi-fi components – with current evolution sitting at the flagship and revered 9000 series

As a pioneer in affordable hi-fi electronics, dating back to the brand's origins, the Audiolab 6000 and more recent 7000 series offer world-renowned performance at astonishing price points. Following this philosophy, with more than a hint of 'trickle down' technology, benefitting from thousands of hours of development of class-leading components, the Audiolab D7 is a new tabletop DAC that oozes the simplicity and clarity that Audiolab is famed for, taking to task the industry's more affordable DAC offerings, the D7 distills high-end engineering into a compact and affordable package.



Compact, rugged and uncompromising in features, the D7 is designed to reflect the traditional Audiolab styling, fit and finish. It comes equipped with an OLED display and an intuitive operational menu that offers instant access to the features, functions and performance capabilities that set it apart from other DAC offerings within this class. Unlike many rivals, the D7's display, menu and remote control are designed to enhance usability beyond buttons, LEDs and the restricted functionality that one may be accustomed to at this price .

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Taking heavy influence from the Audiolab 7000A, the D7 incorporates state-of-the-art digital-to-analogue signal conversion in the form of the ESS9038Q2M chipset. This enables digital sources to be introduced to analogue systems—a CD transport or wireless streamer, for instance.

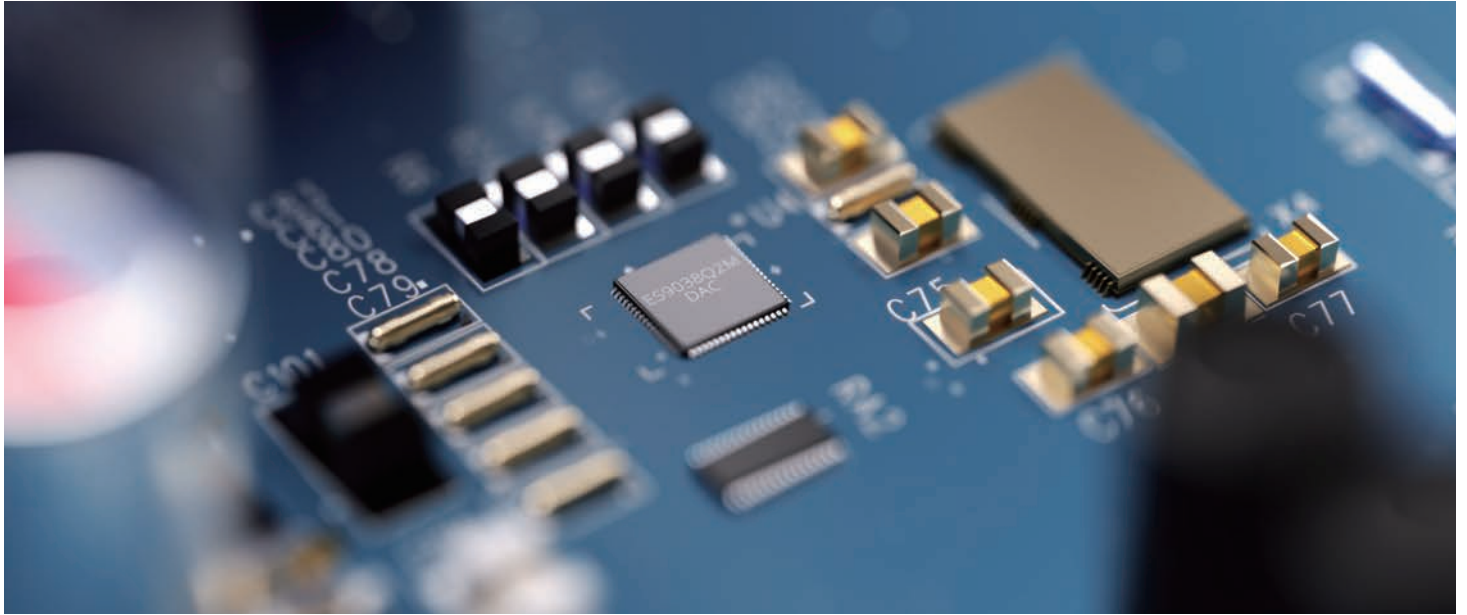


The D7 has four S/PDIF inputs—two coaxial and two optical— a USB HDD input for playback from external flash drives, and a USB type-B input for PCs, Macs, smartphones, or tablets. It also offers the option of coaxial, optical, or analogue RCA and fully balanced XLR outputs, making it a highly versatile digital audio hub. Bluetooth reception is included, too, with support for multiple codecs, including aptX HD, and Bluetooth 5.1 compliance for optimum range and speed.



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The new-generation 32-bit Sabre chip – the ES9038Q2M- is a benchmark in DAC standards. However, accompanied by proprietary circuitry to make the most of the ESS HyperStream II architecture and Time Domain Jitter Eliminator for ultra-low noise and high dynamic range, Audiolab engineers have the proven knowhow in implementation of this chip to make class-leading Digital Audio Conversion devices.



The D7 offers hi-res audio support with DSD up to 22.5792MHz (DSD512) and 32-bit/768kHzBit PCM via USB, or 24-bit/192kHz PCM over S/PDIF (optical and coaxial). It's also a full MQA decoder, with the complete 'three unfold' decoding process performed internally, rather than just the final unfold in the manner of an MQA renderer.



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Users can opt to upsample digital audio signals to 352.8kHz or 384kHz. With the expertly implemented DAC reconstruction filter settings, the D7 offers five options to adjust performance to match source files or system components. This nuance will be much welcomed, given the sheer variety of digital file formats supported, not to mention headphone users or digital streaming service users.



The D7 features a high-power headphone amplifier with current-feedback circuitry to round out the versatility. Like the 7000A, this solution is designed for all headphone types, ensuring exceptional clarity and drive.



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D7 DAC

Built to match the Audiolab 7000 or 6000 series in finish, feel, style, and quality, the D7's aluminium chassis and tactile control interface ensure all-round Audiolab performance in a top-value DAC that offers unmatched function, performance, and versatility at this level.

Designed to match the Audiolab 6000 & 7000 series, the D7's aluminium chassis, tactile controls, OLED display, and full remote control enhance usability while maintaining Audiolab's signature sleek and sophisticated aesthetic.

The Audiolab D7 sets a new standard for entry-level DACs, proving that affordability doesn't mean compromise.



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KEY FEATURES

State-of-the-Art ESS Sabre DAC Technology

Featuring the ESS 9038Q2M DAC, the D7 harnesses HyperStream II architecture and Time Domain Jitter Eliminator to achieve exceptional clarity, ultra-low noise, and a high dynamic range—delivering true-to-source digital-to-analogue conversion.

Comprehensive Hi-Res Audio Support

The D7 supports PCM up to 32-bit/768kHz, DSD512, and full MQA decoding, facilitating the playback of pristine-quality audio. The three-fold MQA decode process ensures authentic master-quality sound, whether from streaming services or local files.

Connectivity Without Compromise

Equipped with USB-B for PC/Mac, USB-A for external flash drives, four S/PDIF inputs (2x coaxial, 2x optical), Bluetooth 5.1 with aptX HD, and fully balanced XLR & RCA outputs, the D7 is a versatile digital hub for any system. Optical and coaxial outputs further expand system integration.

Precision-Tuned Sound Customisation

Five selectable DAC filters allow users to fine-tune playback characteristics for optimal synergy with their source material and setup. The upsampling feature (352.8kHz or 384kHz) enhances detail retrieval and soundstage depth.

Powerful Headphone Amplification

Borrowing from the Audiolab 7000A, the high-power headphone amplifier delivers pristine clarity and drive, ensuring superior performance across all headphone types—an audiophile-grade headphone solution.

Premium Build, Intuitive User Experience

Designed to match the Audiolab 6000 & 7000 series, the D7 offers enhanced usability while maintaining Audiolab's signature sleek and sophisticated aesthetic.



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Specifications

Model	D7
General Description	DAC
Design Philosophy and Core Technology	ES9038Q2M 32-bit DAC MQA Full decoder (PC USB, Optical/Coax) OLED Display Bluetooth 5.1 (aptX / aptX HD) Streaming Dedicated Current-Feedback Headphone Amp HDD USB Playback with MP3/WMA/APE/AAC/WAV/FLAC compatibility USB Firmware Upgrade
Inputs	2 x SPDIF (Coax), 2 x SPDIF (Optical), 1x PC USB (USB B) 1 x USB HDD (USB A), 1 x Bluetooth (aptX/aptX HD)
Outputs	1 x RCA, 1 x XLR, 1 x Headphone, 2 x 12V Trigger, 1 x Optical and 1 x Coax
Sampling Frequency	Optical/Coaxial: 44.1kHz -> 192kHz USB HDD: 44.1kHz -> 96kHz PC USB: 44.1kHz -> 768kHz PCM/DSD64, DSD128, DSD256, DSD512
DAC	
D to A Converter	ES9038Q2M
Output level (0dBFS, 1KHz)	2.05Vrms (RCA) 4.1Vrms (XLR)
Total Harmonic Distortion (THD)	< 0.001% (1KHz @ 0dBFS)
Frequency Response	20Hz-20kHz (+/-0.2dB)
Output Impedance	120 ohm
Max. Sampling Frequency	USB HDD: 24bit/96kHz Optical/Coax: PCM 24bit/192kHz PC USB: PCM 32bit/768kHz, DSD512
Signal-to-noise Ratio (S/N)	> 115dB (A-weighted, RCA) > 117dB (A-weighted, XLR)
Headphone Amplifier	
Total Harmonic Distortion(THD)	< 0.01% (1kHz, 50mW)
Output Impedance	2.35 ohm
Load Impedance	20-600 ohm
General	
Standby Power Consumption	<0.5W
Net Weight	1.42kg
Gross Weight	2.2kg
Dimensions (mm) (W x H x D)	L: 180 x W: 208 x H: 56mm
Carton Size (mm) (W x H x D)	L: 290 x W: 325 x H: 85mm
Finish	
Power Requirements (depending on region)	220-240V ~ 50/60Hz 100-120V ~ 50/60Hz
Standard Accessories	Power adapter, Remote Control, User Manual, etc.

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FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

ISED Statement

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES - 3 (B)/NMB - 3(B).

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes :

- (1) Cet appareil ne doit pas provoquer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

l'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 6.3 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 6.3 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.