

# M-ONE

DIGITAL  
CINEMA

AVAILABLE AT  
DIGITAL CINEMA



The Audiolab M-ONE is a high-performance integrated amplifier and DAC with Bluetooth. With technology stemming from multi-award winning products, including the M-DAC and 8300 series the M-ONE is a true high-fidelity DAC and amplifier in one convenient system.

On-board connections include 2 RCA inputs to connect your analogue devices and Coaxial and Optical inputs. There are also two USB inputs on board – firstly a USB A that works for iOS device playback and docking. The second USB B terminal, works for PC and Mac. Similarly to the M-DAC+, the M-ONE USB B operates with 32-bit/384kHz playback; this is a far higher specification than that required by current hi-res music formats, ensuring this new, premium-quality addition to the M-DAC family is fully equipped for future advances in ultra-high-definition digital sound.

The USB input now also accepts DSD files (the digital audio system originally developed for Super Audio CD), offering compatibility with DSD64, DSD128 and DSD256. This is a significant addition, as DSD has an important role to play in the developing high-resolution digital download scene.

The on-board electronics utilise the ESS9018 K2M DAC. This is surrounded by signature Audiolab circuitry including a proprietary, discrete master clock to minimise jitter, coupled with extensive time domain isolation. Using the highest quality components for the output stage ensures that the audio signal, following conversion from the digital domain to analogue, is of a high standard. Using audiophile grade class AB amplification M-ONE generates up to 60W at 4 Ohms; ample power for small to medium hi-fi speakers.

While Audiolab engineers have equipped the M-ONE with sufficient inputs and components to ensure ease of use and quality, the new integrated amplifier also includes 3 PCM filters and 4 DSD filters. As digital audio reproduction technology has progressed, digital filters are now more important than ever and allow users to enhance performance varying on personal taste, playback resolution and playback device.

Like all Audiolab products, the M-One evokes a simplistic yet modern styling with a focus on ease of use. The OLED display window is centrally positioned and flanked by two rotary controls, one to adjust volume and the other to select settings. Available in our fine textured Aluminium finish (black and silver), the M-ONE will fit beautifully into any living space.



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## specifications



General description	Integrated Amplifier with Bluetooth
Sampling Rate	32-bit / 192kHz (Optical, Coaxial) 32-bit / 384kHz (USB) 2.8MHz (DSD64), 5.6MHz (DSD128), 11.2MHz (DSD256)
Input sensitivity	515mV
Input impedance	10K
Inputs	1 x USB A for apple devices, 1 x USB B for computer, 1 x COAX, 1 x OPT, 1 x Bluetooth, 2 x RCA ,1 x headphone
12v Trigger	Yes
Power Output (8 Ohms)	2 x 40W
Power Output (4 Ohms)	2 x 60W
Frequency response (-3dB)	10-30KHZ
Total harmonic distortion (THD)	0.01%
Signal-to-noise ratio (S/N)	81 (1W @ 1 kHz)
Outputs	Speaker Terminal Outputs
Height	114mm (including feet)
Width	247mm
Depth	295mm (Including connectors and controls)
Net weight	5.5kg