

DAC



SPECIFICATIONS

Finish	Silver or Black Painted Aluminium	Word Clock	<ul style="list-style-type: none"> • 2x Word Clock inputs on 75 Ω BNC connectors • Will lock to 44.1-192kHz
Dimensions / Weight	121.5mm (H) x 220mm (W) x 339mm (D) 7.4kg	Filters	<ul style="list-style-type: none"> • PCM mode: up to 6 filters give different trade-offs between the Nyquist image rejection and the phase response • DSD mode: 4 filters progressively reduce out-of-audio band noise level, plus Filter 5 which has an improved transient response
Electronics	<ul style="list-style-type: none"> • dCS Ring DAC and Digital Processing Platform on flex rigid PCB • Stream Unlimited S800 • Automatic voltage switching 	Crossfeed Settings	<ul style="list-style-type: none"> • Standard crossfeed • dCS Enhanced crossfeed (E1) • dCS Enhanced crossfeed (E2)
Digital Inputs	<ul style="list-style-type: none"> • 2x AES/EBU on 3 pin XLR 44.1-384kS/s • 1x S/PDIF BNC Coax 44.1-192kS/s • 1x S/PDIF on RCA 44.1-192kS/s • 1x Toslink 44.1-96kS/s • 1x USB Type B 44.1-384kS/s, PCM and DSD, DSDx2 in Async Mode • 1x USB Type A connector for mass storage devices (navigated using Mosaic) 	Power	<ul style="list-style-type: none"> • IEC inlet & power switch on rear panel • 90-127V / 220-240V, 50/60Hz, consumption 30W • Automatic voltage switching • Power synchronised with other dCS control link products (RJ45)
Digital Outputs	1 stereo balanced pair on 2x 3-pin male XLR connectors (pin 2 = hot, pin 3 = cold). These outputs are electronically balanced and floating, the signal balance ratio at 1 kHz is better than 40dB. Output impedance is 3Ω, maximum load is 600Ω (a 10kΩ - 100kΩ load is recommended). 1 stereo unbalanced pair on 2x RCA Phono connectors. Output impedance is 52Ω, maximum load is 600Ω (a 10kΩ - 100kΩ load is recommended). Output levels are 0.2V, 0.6V, 2V, or 6V rms for a full-scale input, set in the menu.	Frequency Response (set to filter 1)	<ul style="list-style-type: none"> • Fs = 44.1 or 48kS/s +/-0.1dB, 10Hz-20kHz • Fs = 88.2 or 96kS/s +/-0.1dB, 10Hz-20kHz -3dB @ >38kHz • Fs = 176.4 or 192kS/s +/-0.1dB, 10Hz-20kHz -3dB @ >67kHz • Fs = 352.8 or 384kS/s +/-0.1dB, 10Hz-20kHz -3dB @ >100kHz • DSD64 +/-0.1dB, 10Hz-20kHz -3dB @ >90kHz • DSD128 +/-0.1dB, 10Hz-20kHz -3dB @ >100kHz
Network Interface	RJ-45 connector	Residual Noise (6v output setting)	<ul style="list-style-type: none"> • 16-bit data: Better than -96dB0, 20Hz-20kHz unweighted • 24-bit data: Better than -113dB0, 20Hz-20kHz unweighted
Streaming Compatibility	<ul style="list-style-type: none"> • UPnP • Qobuz • Deezer • Tidal • Internet Radio • Spotify • Apple AirPlay 2 (support at 44.1 or 48kS/s) • RoonReady 	Spurious Responses	Better than -105dB0, 20Hz-20kHz
Sample frequencies and formats	<ul style="list-style-type: none"> • 44.1-384kS/s up to 24 bits • DSD/64, DSD/128 • Native DSD + DoP (input dependent) • FLAC, WAV, AIFF, MQA 	L-R Crosstalk	Better than -115dB0, 20Hz-20kHz
Upsampling	Multi-stage DXD oversampling with switchable DSD Upsampling (1-bit 2.822 or 3.07MS/s) and DSDx2 Upsampling (1-bit 5.644 or 6.14MS/s).	Included with your Lina Streaming DAC	<ul style="list-style-type: none"> • 1x mains cable • 2x XLR [0.5m] • 1x Ethernet cable [2m] • 1x Power Link cable [0.5m]