

# Lina Network DAC Specifications

|                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Dimensions / Weight</b>                                                             | 121.5mm (H) x 220mm (W) x 339mm (D) 7.4kg                                                                                                                                                                                                                                                                                                                                         |
| <b>Shipping Dimensions / Weight</b>                                                            | 320mm (H) x 360mm (W) x 530mm (D) / 10.3kg                                                                                                                                                                                                                                                                                                                                        |
| <b>Finish</b>                                                                                  | Black machined aluminium with crystal LED display                                                                                                                                                                                                                                                                                                                                 |
| <b>Electronics</b>                                                                             | <ul style="list-style-type: none"> <li>• dCS Ring DAC and Digital Processing Platform on flex ridged PCB</li> <li>• Stream Unlimited S800</li> <li>• Automatic voltage switching</li> </ul>                                                                                                                                                                                       |
| <b>Digital Inputs</b>                                                                          | <ul style="list-style-type: none"> <li>• 2 x AES/EBU on 3 pin XLR 44.1-384kS/s</li> <li>• 1 x S/PDIF BNC Coax 44.1-192kS/s</li> <li>• 1 x S/PDIF on RCA 44.1-192kS/s</li> <li>• 1 x Toslink 44.1-96kS/s</li> <li>• 1 x USB Type B 44.1-384kS/s, PCM and DSD, DSDx2 in Async Mode</li> <li>• 1 x USB Type A connector for mass storage devices (navigated using Mosaic)</li> </ul> |
| <b>Analogue Inputs</b>                                                                         | <ul style="list-style-type: none"> <li>• 1 x stereo pair 3 pin balanced XLR</li> <li>• 1 x stereo pair unbalanced RCA</li> </ul>                                                                                                                                                                                                                                                  |
| <b>Network Interface</b>                                                                       | RJ-45 connector                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Streaming Compatibility</b><br>Supports the following platforms and services:               | <ul style="list-style-type: none"> <li>• UPnP</li> <li>• Qobuz</li> <li>• Deezer</li> <li>• Tidal</li> <li>• Internet Radio</li> <li>• Spotify</li> <li>• Apple AirPlay 2 (support at 44.1 or 48kS/s)</li> <li>• RoonReady</li> </ul>                                                                                                                                             |
| <b>Sample frequencies and formats</b><br>Supports the following audio formats and sample rates | <ul style="list-style-type: none"> <li>• 44.1-384kHz</li> <li>• DSD 64, 128</li> <li>• Native DSD + DoP (input dependent)</li> <li>• FLAC, WAV, AIFF, MQA</li> </ul>                                                                                                                                                                                                              |

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Upsampling</b>                            | Multi-stage DXD oversampling with switchable DSD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Word Clock</b>                            | <ul style="list-style-type: none"> <li>• 2 x Word Clock inputs on 75 <math>\Omega</math> BNC connectors</li> <li>• Will lock to 44.1-192kHz</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Filters</b>                               | <ul style="list-style-type: none"> <li>• PCM mode: 2 filters + MQA</li> <li>• DSD mode: 4 progressive filters</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Crossfeed Settings</b>                    | <ul style="list-style-type: none"> <li>• Standard crossfeed</li> <li>• dCS Enhanced crossfeed (E1)</li> <li>• dCS Enhanced crossfeed (E2)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Power</b>                                 | <ul style="list-style-type: none"> <li>• IEC inlet &amp; power switch on rear panel</li> <li>• 90-120v &amp; 220-240v, 50/60Hz nominal</li> <li>• Automatic voltage switching</li> <li>• Power synchronised with other dCS control link products (RJ45)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Frequency Response (set to filter 1)</b>  | <ul style="list-style-type: none"> <li>• <math>F_s = 44.1</math> or <math>48\text{ks/s}</math> <math>\pm 0.1\text{dB}</math>, 10Hz-20kHz</li> <li>• <math>F_s = 88.2</math> or <math>96\text{ks/s}</math> <math>\pm 0.1\text{dB}</math>, 10Hz-20kHz -3dB @ &gt;38kHz</li> <li>• <math>F_s = 176.4</math> or <math>192\text{ks/s}</math> <math>\pm 0.1\text{dB}</math>, 10Hz-20kHz -3dB @ &gt;67kHz</li> <li>• <math>F_s = 352.8</math> or <math>384\text{ks/s}</math> <math>\pm 0.1\text{dB}</math>, 10Hz-20kHz -3dB @ &gt;100kHz</li> <li>• DSD64 <math>\pm 0.1\text{dB}</math>, 10Hz-20kHz -3dB @ &gt;90kHz</li> <li>• DSD128 <math>\pm 0.1\text{dB}</math>, 10Hz-20kHz -3dB @ &gt;100kHz</li> </ul> |
| <b>Residual Noise (6v output setting)</b>    | <ul style="list-style-type: none"> <li>• 16-bit data: Better than -96dB0, 20Hz-20kHz unweighted</li> <li>• 24-bit data: Better than -113dB0, 20Hz-20kHz unweighted</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Spurious Responses</b>                    | Better than -105dB0, 20Hz-20kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>L-R Crosstalk</b>                         | Better than -115dB0, 20Hz-20kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Certification</b>                         | <ul style="list-style-type: none"> <li>• CE / EMC</li> <li>• CCC</li> <li>• KC</li> <li>• FCC</li> <li>• Apple, Spotify, Tunes, MQA &amp; Roon certified</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Included with your Lina Streaming DAC</b> | <ul style="list-style-type: none"> <li>• 1 x mains cable</li> <li>• 2 x XLR [0.5m]</li> <li>• 1 x Ethernet cable [2m]</li> <li>• 1 x Power Link cable [0.5m]</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |