

Varèse System Specifications

dCS | VARÈSE

Type	Varèse Music System
Colour	Silver
Dimensions	<p>All dimensions given as height x width x depth. Allow additional 60mm depth for ACTUS cable connectors plus 120mm for ACTUS cable bend radius. Allow space for air flow around the unit.</p> <ul style="list-style-type: none">- User Interface: 131mm x 444mm x 450mm / 5.2" x 17.5" x 17.8" (includes Bluetooth aerial depth)- Master Clock: 131mm x 444mm x 437mm / 5.2" x 17.5" x 17.3"- Left Mono DAC: 131mm x 444mm x 437mm / 5.2" x 17.5" x 17.3"- Right Mono DAC: 131mm x 444mm x 437mm / 5.2" x 17.5" x 17.3"- Core: 244mm x 444mm x 438mm / 9.7" x 17.5" x 17.3"
Weight	<ul style="list-style-type: none">- User Interface: 14.6kg / 32.2lbs- Master Clock: 15.7kg / 34.7lbs- Left Mono DAC: 18.7kg / 41.3lbs- Right Mono DAC: 18.7kg / 41.3lbs- Core: 33.1kg / 73lbs
D/A Converter Type	dCS Differential Ring DAC
Analogue Outputs	<ul style="list-style-type: none">- 2x pair balanced outputs on 4x XLR connectors. Output impedance: 1.5Ω.- 2x pair unbalanced outputs on 4x RCA connectors. Output impedance: 52Ω.- Maximum load: 600Ω (10k-100kΩ is recommended).- Output levels: 0.2V, 0.6V, 2V, 6V rms for a full-scale input, set in the menu.
Digital Inputs	<ul style="list-style-type: none">- Ethernet on RJ45 connector for network streaming.- USB Type A connector for mass storage devices (navigated using Mosaic ACTUS). <p>If the Digital I/O Module is fitted to the Varese Core:</p> <ul style="list-style-type: none">- USB 2.0 interface on B-type connector, accepts 24-bit 44.1 – 384kS/s PCM, DSD/64 & DSD128 in DoP format.- 3x AES/EBU inputs on 3-pin female XLR connectors, accepts 24-bit 44.1 – 192kS/s PCM & DSD/64 in DoP format. AES1+2 act as a Dual AES pair, accepts 24-bit 88.2 – 384kS/s PCM, DSD/64 & DSD/128 in DoP format.
Digital Outputs	<p>If the Digital I/O Module is fitted to the Varese Core, 1 x S/PDIF interface on RCA Phono connector, outputs 24-bit 44.1 – 192kS/s PCM, DSD/64 in DoP format.</p>
Wordclock I/O	<p>If the Digital I/O Module is fitted to the Varese Core, 1 x Word Clock Output on 1x BNC connector. Outputs a TTL-compatible Wordclock at either 44.1kHz or 48kHz depending on the input sample rate.</p>
Sample Frequencies and Formats	<p>Supports the following audio formats and sample rates:</p> <ul style="list-style-type: none">- 44.1-384kS/s up to 24 bits- DSD/64, DSD/128, DSD/256, DSD/512- Native DSD + DoP- FLAC, WAV, AIFF
Residual Noise	Better than -118dB0, 20-20kHz
Spurious Responses	Better than -115dB0, 20-20kHz
Power Supply	Self-selecting for 100, 115, 220 and 230V AC 50-60Hz
Power Consumption	30W