

VARÈSE SYSTEM



SPECIFICATIONS

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|----------------------------|---|---------------------------------------|---|
| Finish | Silver or Black Anodised Aluminium | 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. |
| Transport Mechanism | Sound United D&M SACD mechanism | Digital Outputs | If the Digital I/O Module is fitted to the Varese Core, 1x S/PDIF interface on RCA Phono connector, outputs 24-bit 44.1 – 192kS/s PCM, DSD/64 in DoP format. |
| 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" Transport: 131mm x 444mm x 437mm 5.2" x 17.5" x 17.3" | Transport Digital Outputs | 1x ACTUS connector. While a CD is playing, the interface outputs 44.1kS/s data. While an SACD is playing, the interface outputs DSD data |
| 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 Transport: 20.1kg / 44.3lbs | Wordclock I/O | If the Digital I/O Module is fitted to the Varese Core, 1x Word Clock Output on 1x BNC connector. Outputs a TTL-compatible Wordclock at either 44.1kHz or 48kHz depending on the input sample rate. |
| D/A Converter Type | dCS Differential Ring DAC | 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 |
| 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. | 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 | <p>In use: 30W Standby: <2W Sleep Mode: <0.5W</p> |