

# Varèse System Specifications

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