

# ALTITUDE 16



## HDMI CONNECTIVITY

- Output 1: HDMI 2.0 / HDCP 2.2
- Output 2: HDMI 2.0 / HDCP 2.2
- Inputs: 8
- Maximum Resolution: 4K UHD on all ins / outs
- Maximum Bandwidth: 18Gbps on all inputs
- Frame rates supported: 24/25/30/50/60 fps 120 fps (HD only)
- ARC / eARC: Available on Output 1
- 4K to 1080 Downscaling: Available on Output 1

## HARDWARE

Processor: Intel multi core hyper threaded  
 ADC Resolution / Sampling Rate: 24 bits/96 kHz  
 DAC Resolution / Sampling Rate: 24 bits/192 kHz  
 A/D Signal-To-Noise Ratio: 119 dB (A-Weighted)  
 D/A Signal-To-Noise Ratio: 118 dB (A-Weighted)  
 Reference Level: +18dBu @ 0dBFS (Balanced)  
 Clock / Jitter: attenuation > 50 dB above 100Hz  
 Cooling system: Custom heat sinks + additional silent fans  
 Safety Components: AntiPop relays on each output

## ANALOGUE AUDIO CONNECTIVITY

- Microphone input: 1x 5 Pin XLR for 3D Microphone
- Balanced inputs: 1x Stereo XLR
- Unbalanced inputs: 1x Stereo RCA
- Balanced outputs: 16x XLR
- Input Impedance: 20k Ohms / 10k Ohms

## OBJECT BASED DECODING

- Dolby Atmos® Native Decoding & Up-mix:  
Up to 20 discrete channels
- Auro-3D® Native Decoding & Up-mix (Automatic): Up to 13.1
- DTS:X® Pro Native Decoding & Up-mix (NeuralX):  
Up to 20 discrete channels
- Speaker Layouts support: All

## AUDIO PROCESSING

- Data precision: 64 bits, floating point
- Max Sampling Rate: Native, up to 96kHz

## DIGITAL AUDIO CONNECTIVITY

- S/PDIF Inputs: x4 (2 optical, 2 coaxial)
- S/PDIF Outputs: x2 (1 optical, 1 coaxial)
- +4 Outputs: By combining Analog and S/PDIF outputs
- Audio Network: Dual ports (for future use)

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## WEIGHT & DIMENSIONS

- Dimensions (W x H x D) mm: 438 x 139 x 430
- Dimensions (W x H x D) inches: 17.25 x 5.5 x 17.94
- Shipping box dimensions (W x H x D) cm: 74 x 59 x 30
- Weight: 11.30kg / 24.9 lbs
- Shipping weight / volume: 18.2kg / 0.131 M3
- Rackmounting: 3U - Rack Ears Included

## POWER SUPPLY

- Power requirement: 100 - 240v (auto selecting)
- Power consumption: 76W Mac
- Thermal conversion: 206 BTU/h Max
- Mains fuse: 2x 1A slow blow
- Internal PSUs: Separated supplies for Audio and Processing

## WARRANTY

- Standard Warranty: 5 year
- Transferable: Yes