

ISP CORE 16 VS ELITE MK3 COMPARISON

	ISP Core 16	ISP 16 MK3 Analog	
Main Features	Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced StormXT channel expander SphereAudio - binaural immersive sound for headphones Dirac Live room correction Dirac Live bass control module StormMonitoring - remote monitoring	✓ / ✓ / ✓ / ✓ Optional - ✓ ✓ ✓	✓ / ✓ / ✓ / ✓ ✓ ✓ ✓ ✓
Multichannel / Surround Processing	Output channels Decoding / upmixing channels Input sampling rate supported Post processing sampling rate Dirac Live runtime with high resolution mixed-phase filters Bass management : Standard & Expert Flexible bass routing (up to 6 zones, Expert mode) Multi-subwoofer channels Multi-way crossover (6 to 48 dB/oct, Linkwitz-Riley, Butterworth) Parametric EQ per channel	16 16 up to 192 kHz 48 kHz ✓ ✓ Optional Unlimited up to 4 per channel up to 20 filters	up to 32 up to 24 up to 192 kHz 48 kHz ✓ ✓ ✓ Unlimited up to 4 per channel up to 20 filters
HDMI	HDMI inputs / outputs Standard Matrix capability for Multi-room 4K UHD, rec BT709 and rec BT2020 High dynamic range : HDR10 / HLG / Dolby Vision Color space and subsampling Deep color (12 bpc) Max. resolution support (18 Gbps) 3D / OSD ARC / eARC	7/2 HDMI 2.0b / HDCP 2.2 Optional ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr, 4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.0b / HDCP 2.2 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr, 4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓
Audio Inputs	Streaming: Room ready end point Digital input: coaxial / optical Digital input: AES/EBU 16ch (DCI compatible) Analog stereo inputs, balanced : XLR Analog stereo inputs, unbalanced: RCA	✓ 3 / 3 - - 4	✓ 3 / 3 Optional Module 1 4
Audio Outputs	Analog main outputs, balanced (ch 1 to 16) Analog main outputs, balanced (ch 17 to 24) Analog main outputs, balanced (ch 25 to 32) Analog main outputs, balanced (ch 17 to 32) Stereo Zone2 downmix outputs Digital output: AES/EBU 32ch (ch 1 to 32)	XLR - - - Digital Optical TosLink -	XLR Optional Module Optional Module Optional Module Digital Optical TosLink Optional Module
Audio Inputs / Outputs	Digital AES67 / Dante compatible (Audio over IP): 32ch out / 32ch in	-	Optional Module
Set-Up Management	Multi-theater configuration Audio zone configuration Individual theater and zone source selection (Main & Zone2) Theater and zones listening presets Dirac Live profiles Backup and restore of set-up Firmware update via USB / network	✓ ✓ ✓ Unlimited 10 per Theater / Zone ✓ ✓ / ✓	✓ ✓ ✓ Unlimited 10 per Theater / Zone ✓ ✓ / ✓
Control Inputs / Outputs	USB type A (upgrade and monitoring) Ethernet / Wi-Fi Output trigger control IR remote ports, in / out (input loop through) IR remote control sensor in front panel	2 ✓ / - 4 (out) 1 / 1 ✓	2 ✓ / - 4 (out) 1 / 1 ✓
Control / Custom Installation	Front panel display Advanced control via front panel Web-based product configurator TCP/IP API based control StormRemote control application (iOS / Android) Crestron, Control4, Savant, RTI, ELAN home automation drivers Logitech Harmony IR database integration IR remote control handset	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓
Power Supply	Voltage range Type Range selection	100V to 240V SMPS Universal	100V to 240V SMPS Universal
Casing	Home / rack (removable ears) Net weight (kg / lbs) Size Dimensions - no ears, no feet (cm) Ears : +4 cm (2 x 2 cm) - Feet : + 2 cm	✓ / ✓ 8 / 18 3RU 39,50 x 44,1 x 13	✓ / ✓ 13,2 / 28,9 4RU 45,5 x 44,1 x 17,5