



## ISP ELITE MK3 RANGE - SPECIFICATIONS

	ISP 16 MK3 Analog	ISP 24 MK3 Analog	ISP 32 MK3 Analog	ISP 32 MK3 Digital AES	ISP 32 MK3 Digital AoIP	
<b>Main Features</b>	Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced StormXT channel expander Dirac Live license included Dirac Live Active Room Treatment supporting speakers StormMonitoring - remote monitoring	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓
<b>Multichannel / Surround Processing</b>	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 (up to 32 optional) up to 16 (24 optional) up to 192 kHz 48 kHz ✓ ✓ / ✓ ✓ Unlimited up to 4 per channel up to 20 filters	24 up to 24 up to 192 kHz 48 kHz ✓ ✓ / ✓ ✓ Unlimited up to 4 per channel up to 20 filters	32 up to 32 up to 192 kHz 48 kHz ✓ ✓ / ✓ ✓ Unlimited up to 4 per channel up to 20 filters	32 up to 32 up to 192 kHz 48 kHz ✓ ✓ / ✓ ✓ Unlimited up to 4 per channel up to 20 filters	32 up to 32 up to 192 kHz 48 kHz ✓ ✓ / ✓ ✓ Unlimited up to 4 per channel up to 20 filters
<b>HDMI</b>	HDMI inputs / outputs Standard Matrix capability for multi-room 4K UHD, 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 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.0b / HDCP 2.2 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.0b / HDCP 2.2 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.0b / HDCP 2.2 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.0b / HDCP 2.2 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 ✓ 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓
<b>Audio Inputs</b>	Streaming: Roon 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 Optional Module 1 4	✓ 3 / 3 Optional Module 1 4	✓ 3 / 3 Optional Module 1 4	✓ 3 / 3 Optional Module 1 4	✓ 3 / 3 N/A 1 4
<b>Audio Outputs</b>	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 downmix Zone2 output Digital output: AES/EBU 32ch (ch 1 to 32)	XLR Optional Module Optional Module Optional Module Digital Optical TosLink Optional Module	XLR XLR Optional Module N/A Digital Optical TosLink Optional Module	XLR N/A N/A XLR Digital Optical TosLink Optional Module	XLR Optional Module N/A Optional Module Digital Optical TosLink RJ45 (4)	XLR Optional Module N/A Optional Module Digital Optical TosLink N/A
<b>Audio Inputs / Outputs</b>	Digital AES67 (Audio over IP): 32ch in / 32ch out	Optional Module	Optional Module	Optional Module	N/A	RJ45 (2)
<b>Set-Up Management</b>	Multi-theater configuration (main & secondary outputs) 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 ✓ ✓ / ✓	✓ ✓ ✓ Unlimited 10 per Theater / Zone ✓ ✓ / ✓	✓ ✓ ✓ Unlimited 10 per Theater / Zone ✓ ✓ / ✓	✓ ✓ ✓ Unlimited 10 per Theater / Zone ✓ ✓ / ✓
<b>Control Inputs / Outputs</b>	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 ✓	2 ✓ / - 4 (out) 1 / 1 ✓	2 ✓ / - 4 (out) 1 / 1 ✓	2 ✓ / - 4 (out) 1 / 1 ✓
<b>Control / Custom Installation</b>	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") ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓
<b>Power Supply</b>	Voltage range Type Range selection	100V to 240V SMPS Universal	100V to 240V SMPS Universal	100V to 240V SMPS Universal	100V to 240V SMPS Universal	100V to 240V SMPS Universal
<b>Casing</b>	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 Dimensions - with box (cm)	✓ / ✓ 13,1 / 28.8 4RU 46,58 x 44,2 x 17,6 67 x 63 x 33	✓ / ✓ 13,2 / 28.9 4RU 46,58 x 44,2 x 17,6 67 x 63 x 33	✓ / ✓ 13,6 / 29.9 4RU 46,58 x 44,2 x 17,6 67 x 63 x 33	✓ / ✓ 13,3 / 29.3 4RU 46,58 x 44,2 x 17,6 67 x 63 x 33	✓ / ✓ 13,3 / 29.3 4RU 46,58 x 44,2 x 17,6 67 x 63 x 33