



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	
Main Features	Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced StormXT channel expander All grades Dirac Live licence included Dirac Live Active Room Treatment supporting speakers StormMonitoring - remote monitoring	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓	✓ / ✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓
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 (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 24 up to 192 kHz 48 kHz ✓ ✓ / ✓ ✓ Unlimited up to 4 per channel up to 20 filters	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 2.1a / HDCP 2.3 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.1a / HDCP 2.3 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.1a / HDCP 2.3 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.1a / HDCP 2.3 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 4:2:2, 4:2:0 4K 60fps 4:4:4 8bpc ✓ / ✓ ✓ / ✓	7/2 HDMI 2.1a / HDCP 2.3 ✓ ✓ ✓ / ✓ / ✓ RGB, YCbCr4:4:4, 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 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
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 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
Audio Inputs / Outputs	Digital AES67 (Audio over IP): 32ch in / 32ch out	Optional Module	Optional Module	Optional Module	N/A	RJ45 (2)
Set-Up Management	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 ✓ ✓ / ✓
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 ✓	2 ✓ / - 4 (out) 1 / 1 ✓	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") ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ (TFT 5") ✓ ✓ ✓ ✓ ✓ ✓ ✓
Power Supply	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
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 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