STORM|AUDIO

ISP CORE 16 - SPECIFICATIONS

		ISP Core 16
Main Features	Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced	✓ / ✓ / ✓ / ✓ / ✓
	StormXT channel expander	Optional
	All grades Dirac Live licence included	✓
	Dirac Live Active Room Treatment supporting speakers	Up to 9
	StormMonitoring - remote monitoring	✓
Multichannel / Surround Processing	Output channels	16
	Decoding / upmixing channels	16
	Input sampling rate supported	up to 192 kHz
	Post processing sampling rate	48 kHz
	Dirac Live runtime with high resolution mixed-phase filters	✓
	Bass management : Standard & Expert	✓
	Flexible bass routing (up to 6 zones, Expert mode)	Optional
	Multi-subwoofer channels	Unlimited
	Multi-way crossover (6 to 48 dB/oct, Linkwitz-Riley, Butterworth)	up to 4 per channel
	Parametric EQ per channel	up to 20 filters
HDMI	HDMI inputs / outputs	7/2
	Standard	HDMI 2.1a / HDCP 2.3
	Matrix capability for multi-room	Optional
	4K UHD, rec BT709 and rec BT2020	✓
	High Dynamic Range : HDR10 / HLG / Dolby Vision	✓ / ✓ / ✓
	Color space and subsampling	RGB, YCbCr, 4:4:4, 4:2:2, 4:2:0
	Deep color (12 bpc)	✓
	Max. resolution support (18 Gbps)	4K 60fps 4:4:4 8bpc
	3D / OSD	✓ / ✓
	ARC / eARC	✓ / ✓
Audio Inputs	Streaming: Roon ready end point	✓
	Digital input: coaxial / optical	3 / 3
	Digital input: AES/EBU 16ch (DCI compatible)	-
	Analog stereo inputs, balanced : XLR	-
	Analog stereo inputs, unbalanced: RCA	4
Audio Outputs	Analog main outputs, balanced (ch 1 to 16)	XLR
	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 outputs	Digital Optical
	Digital output: AES/EBU 32ch (ch 1 to 32)	-
	Digital output: AVB 32ch (ch 1 to 32)	-
Audio Inputs/ Outputs	Digital AES67 / Dante compatible (Audio over IP): 32ch out / 32ch in	-
Set-up Management	Audio zone configuration	✓
	Individual theater and zone source selection (Main & Zone2)	✓
	Theater and zones listening presets	Unlimited
	Dirac Live profiles	10 per Theater / Zone
	Backup and restore of set-up	✓
	Firmware update via USB / network	✓ / ✓
Control Inputs / Outputs	USB type A (upgrade and monitoring)	2
	Ethernet / Wi-Fi	✓ / -
	Output trigger control	4 (out)
	IR remote ports, in / out (input loop through)	1 / 1
	IR remote control sensor in front panel	✓
Control / Custom Installation	Front panel display	✓ (TFT 5")
	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	✓
Power Supply	Voltage range	100V to 240V
	Type	SMPS
	Range selection	Universal
Casing	Home / rack (removable ears)	✓ / ✓
	Net weight (kg / lbs)	8 / 18
	Size	3RU
	Dimensions - no ears, no feet (cm)	40,22 x 44,2 x 13,27
	Ears : +4 cm (2 x 2 cm) - Feet : + 2 cm	
	Dimensions - with box (cm)	55 x 55 x 28