

ISP CORE 16 vs MK2 Comparison

SPECIFICATIONS



ISP CORE 16		ISP MK2	
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		✓	
Multichannel / Surround Processing			
Output channels		up to 32	
Decoding / upmixing channels		up to 24	
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		✓	
Bass management : Expert with up to 6 Bass Zones		✓	
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	
Matrix capability for Multi-room		HDMI 2.0b / HDCP 2.2	
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			
Digital input: coaxial / optical		3 / 3	
Digital input: AES/EBU 16ch (DCI compatible)		-	
Analog stereo inputs, balanced : XLR		Optional Module	
Analog stereo inputs, unbalanced: RCA		1	
Audio Outputs			
Analog main outputs, balanced (ch 1 to 16)		4	
Analog main outputs, balanced (ch 17 to 24)		XLR	
Analog main outputs, balanced (ch 25 to 32)		-	
Analog main outputs, balanced (ch 17 to 32)		Optional Module	
Stereo Zone2 downmix outputs		Optional Module	
Digital output: AES/EBU 32ch (ch 1 to 32)		Optional Module	
Digital output: AVB 32ch (ch 1 to 32)		Analog XLR	
Audio Inputs/Outputs			
Digital AES67 / Dante compatible (Audio over IP): 32ch out / 32ch in		Optional Module	
Set-Up Management			
Multi-theater configuration		✓	
Audio zones configuration		✓	
Individual Theater and Zones 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)		4 (out)	
IR remote control sensor in front panel		1 / 1	
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)		13,2 / 28.9	
Size		3RU	
Dimensions rack ears included (cm / inches)		49,00 x 47,90 x 19,10 / 19,29 x 18,86 x 7,52	

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