

STORMAUDIO ISP CORE 16

SPECIFICATIONS



ISP CORE 16

Main Features

Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced	✓ / ✓ / ✓ / ✓ / ✓
StormXT channel expander	Optional
SphereAudio - Binaural Immersive Sound for Headphones	-
Dirac Live room correction	✓
Dirac Live Bass Control module	Optional
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	✓
Bass management : Expert with up to 6 Bass Zones	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
Matrix capability for Multi-room	HDMI 2.0b / HDCP 2.2
4K UHD, rec BT709 and rec BT2020	Optional
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	-
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	-
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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)	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)	9 / 20
Size	3RU
Dimensions rack ears included (cm / inches)	39,50 x 47,90 x 14,50 / 15,35 x 18,86 x 5,51