

CORE - SPECIFICATIONS

		Core 16	Core 16+	
Main Features	Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced	✓ / ✓ / ✓ / ✓ / ✓	✓ / ✓ / ✓ / ✓ / ✓	
	StormXT channel expander	Optional	✓	
Multichannel / Surround Processing	All grades Dirac Live licence included	✓	✓	
	Dirac Live Active Room Treatment supporting speakers	Up to 9	Up to 9	
HDMI	StormMonitoring - remote monitoring	✓	✓	
	Output channels	16	18	
	Decoding / upmixing channels	16	18	
	Input sampling rate supported	up to 192 kHz	up to 192 kHz	
	Post processing sampling rate	48 kHz	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	Optional	
	Multi-subwoofer channels	Unlimited	Unlimited	
	Multi-way crossover (6 to 48 dB/oct, Linkwitz-Riley, Butterworth)	up to 4 per channel	up to 4 per channel	
Parametric EQ per channel	up to 20 filters	up to 20 filters		
Audio Inputs	HDMI inputs / outputs	7/2	7/2	
	Standard	HDMI 2.1a / HDCP 2.3	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	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	4K 60fps 4:4:4 8bpc	
	3D / OSD	✓ / ✓	✓ / ✓	
	ARC / eARC	✓ / ✓	✓ / ✓	
Audio Outputs	Streaming: Room ready end point	✓	✓	
	Digital input: coaxial / optical	3 / 3	3 / 3	
	Digital input: AES/EBU 16ch (Dolby compatible)	-	-	
	Analog stereo inputs, balanced : XLR	-	-	
	Analog stereo inputs, unbalanced: RCA	4	4	
Audio Inputs/ Outputs	Analog main outputs, balanced (ch 1 to 16)	XLR	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 Optical	
Digital output: AES/EBU 32ch (ch 1 to 32)	-	-		
Digital output: AVB 32ch (ch 1 to 32)	-	-		
Set-up Management	Digital AES67 / Dante compatible (Audio over IP): 32ch out / 32ch in	-	-	
	Audio zone configuration	✓	✓	
	Individual theater and zone source selection (Main & Zone2)	✓	✓	
	Theater and zones listening presets	Unlimited	Unlimited	
	Dirac Live profiles	10 per Theater / Zone	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	2	
	Ethernet / Wi-Fi	✓ / -	✓ / -	
	Output trigger control	4 (out)	4 (out)	
	IR remote ports, in / out (input loop through)	1 / 1	1 / 1	
	IR remote control sensor in front panel	✓	✓	
	Control / Custom Installation	Front panel display	✓ (TFT 5")	✓ (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	100V to 240V
		Type	SMPS	SMPS
	Range selection	Universal	Universal	
Casing	Home / rack (removable ears)	✓ / ✓	✓ / ✓	
	Net weight (kg / lbs)	8 / 18	8 / 18	
	Size	3RU	3RU	
	Dimensions D x L x H - no ears, no feet (cm)	40,22 x 44,2 x 13,27	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	55 x 55 x 28		