

CORE - SPECIFICATIONS

		Core 16	Core 16+
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	✓ / ✓ / ✓ / ✓ Optional ✓ Up to 9 ✓	✓ / ✓ / ✓ / ✓ ✓ ✓ Up to 9 ✓
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 16 up to 192 kHz 48 kHz ✓ ✓ Optional Unlimited up to 4 per channel up to 20 filters	18 18 up to 192 kHz 48 kHz ✓ ✓ Optional 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 / 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 Optional ✓ ✓ / ✓ / ✓ / ✓ RGB, YCbCr, 4:4:4, 4:2:2, 4:2:0 ✓ 8K/4K 120fps ✓ / ✓ ✓ / ✓	7/2 HDMI 2.1a / HDCP 2.3 ✓ ✓ ✓ / ✓ / ✓ / ✓ RGB, YCbCr, 4:4:4, 4:2:2, 4:2:0 ✓ 8K/4K 120fps ✓ / ✓ ✓ / ✓
Audio Inputs	Streaming: Roon 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 - - 4	✓ 3 / 3 - - 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 outputs Digital output: AES/EBU 32ch (ch 1 to 32) Digital output: AVB 32ch (ch 1 to 32)	XLR - - - Digital Optical - -	XLR - - - Digital Optical - -
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 Dirac Live profiles Backup and restore of set-up Firmware update via USB / network	✓ ✓ 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 ✓
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") ✓ ✓ ✓ ✓ ✓ ✓ ✓
Power Supply	Voltage range Type Range selection	100V to 240V SMPS Universal	100V to 240V SMPS Universal
Casing	Home / rack (removable ears) Net weight (kg / lbs) Size Dimensions D x L x H - no ears, no feet (cm) Ears : +4 cm (2 x 2 cm) - Feet : + 2 cm Dimensions - with box (cm)	✓ / ✓ 8 / 18 3RU 40,22 x 44,2 x 13,27 55 x 55 x 28	✓ / ✓ 8 / 18 3RU 40,22 x 44,2 x 13,27 55 x 55 x 28