



ISR FUSION 20 - SPECIFICATIONS

		ISR Fusion 20
Main Features	Auro-3D / Dolby Atmos / DTS:X Pro / IMAX Enhanced StormXT channel expander Dirac Live license included Dirac Live Active Room Treatment supporting speakers StormMonitoring - remote monitoring	✓ / ✓ / ✓ / ✓ ✓ ✓ Unlimited ✓
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	20 20 up to 192 kHz 48 kHz ✓ ✓ ✓ Unlimited up to 4 per channel up to 20 filters
HDMI	HDMI inputs / outputs Standard Matrix capability for multi-room 8K / 4K120, rec BT709 and rec BT2020 High Dynamic Range : HDR10+ / HLG / Dolby Vision Color space and subsampling Deep color (12 bpc) Max. resolution support (40 Gbps) 3D / OSD ARC / eARC	7/2 HDMI2.1a / HDCP2.3 ✓ ✓ ✓ / ✓ / ✓ 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 Analog stereo inputs, balanced : XLR Analog stereo inputs, unbalanced: RCA	✓ 3 / 3 1 4
Audio Outputs	Analog main outputs, amplified (ch 1 to 16) Analog main outputs, balanced (ch 17 to 20) Stereo downmix Zone2 outputs	5-way binding posts XLR Digital Optical
Amplifier specifications	Max Power per channel (p-rated), 1% THD, Single Ended (SE) outputs Max Power per channel, 1% THD,, Bridged Tied Load (BTL) outputs (Up to 3 configurable) Continous Power capability Peak Power Capability (CEA-490-A) THD+N, 5W, SE SNR, 5W, SE SNR, p-rated, SE	150W (8ohm) / 300W (4ohm) 500W (8ohm) / 500W (4ohm) 2000W 2500W < 0,0015 % > 100 dB > 115 dB
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 ✓ ✓ / ✓
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 ✓
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") ✓ ✓ ✓ ✓ ✓ ✓ ✓
Power Supply	Voltage range Type Range selection	100V to 240V SMPS Universal
Casing	Home / rack (removable ears) Net weight (kg / lbs) Size Dimensions - no ears, no feet (cm) <i>Ears : +4 cm (2 x 2 cm) - Feet : + 2 cm</i> Dimensions - with box (cm)	✓ / ✓ 16 / 35,3 4RU 49,1 x 44,2 x 17,4 62 x 54 x 30

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