

Specifications

SSP 7.1

Audio

Gain.....	Unbalanced output: -6 dB; balanced output: 0 dB, when volume is set to 0 dB gain.
Frequency response.....	20 Hz to 20 kHz, ± 0.2 dB
Subwoofer frequency response.....	4 Hz to 250 Hz, ± 3 dB
THD + Noise.....	<0.03% @ 1 kHz, at maximum output level
S/N.....	>100 dB, 20 Hz to 20 kHz, unweighted
Stereo channel separation	Analog input only: >90 dB @ 1 kHz
CMRR	Analog input only: >75 dB (typical) @ 1 kHz
Bass adjustment	± 10 dB @ 90 Hz
Treble adjustment.....	± 10 dB @ 7500 Hz
Volume control.....	- 100 dB to 0 dB
Bass management crossover frequencies	40 Hz to 250 Hz

Audio input — analog

Number/signal type	1 analog stereo/mono, balanced/unbalanced
Listening modes	Stereo, stereo to all, mono, mono to all, Dolby® Pro Logic®. Dolby Pro Logic II Movie/Music, Dolby Pro Logic IIx Movie/Music, DTS™ Neo:6 Cinema/Music
Connector.....	(1) 3.5 mm captive screw connector, 5 pole
Impedance	>10k ohms balanced/unbalanced, DC coupled
Nominal level	+4 dBu (1.23 Vrms) balanced or -10 dBV (316 mVrms) unbalanced
Maximum level.....	+21 dBu (balanced/unbalanced)
Input gain adjustment	0 dB to +24 dB (default = 0 dB), adjustable via RS-232 or front panel

NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV \approx 2 dBu

Audio input — digital

Number/signal type	4 S/PDIF (2 optical, 2 coaxial)
Source formats.....	PCM, Dolby Digital 2/0, Dolby Digital 2/0 Surround, Dolby Digital 5.1, Dolby Digital Surround EX, DTS 2-channel, DTS Digital Surround, DTS-ES Matrix 6.1, DTS-ES Discrete 6.1, DTS 96/24, DTS 96/24 ES Matrix 6.1
Listening modes	Stereo, stereo to all, mono, mono to all, Dolby Digital 5.1, Dolby Digital EX, Dolby Pro Logic, Dolby Pro Logic II Movie/Music, Dolby Pro Logic IIx Movie/Music, Dolby Digital Pro Logic IIx Movie/Music, DTS, DTS 96/24, DTS-ES Matrix, DTS 96/24 ES Matrix, DTS-ES Discrete, DTS Neo:6 Cinema/Music, DTS + Dolby EX, DTS 96/24 + Dolby EX, DTS + Dolby Pro Logic IIx Movie/Music, DTS 96/24 + Dolby Pro Logic IIx Movie/Music
Connectors	2 TOSLINK™ fiber optic connectors 2 RCA jacks

Audio output

Number/signal type	8 balanced/unbalanced, for left and right front, left and right sides, left and right back, center, and subwoofer output
Connectors	(3) 3.5 mm captive screw connectors, 6 pole (2) 3.5 mm captive screw connectors, 3 pole
Impedance	50 ohms unbalanced, 100 ohms balanced

Gain error	±0.2 dB channel to channel
Maximum level (Hi-Z).....	>+21 dBU balanced or >+15 dBU unbalanced at 0.03% THD+N
Output level range per channel	-24 dB to + 12 dB
D/A conversion.....	24 bit, 96 kHz

Control/remote — audio processor

Serial host control port.....	1 bidirectional RS-232 front panel 2.5 mm mini stereo jack 1 bidirectional RS-232 rear panel 3.5 mm captive screw connector, 3 pole
Baud rate and protocol.....	9600, 19200, 38400 (default), 115200 baud (adjustable); 8 data bits, 1 stop bit, no parity
Pin configurations	Mini stereo jack: tip = Tx, ring = Rx, sleeve = GND Captive screw connector: pin 1 = Tx, 2 = Rx, 3 = GND
Program control	Extron control/configuration program for Windows® Extron Simple Instruction Set™ (SIS™)

General

Power	100 VAC to 240 VAC, 50-60 Hz, 12 watts, internal
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling.....	Convection, no vents
Mounting	
Rack mount.....	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional under-desk mounting kit
Enclosure type.....	Metal
Enclosure dimensions	1.7" H x 8.75" W x 6.0" D (1U high, half rack wide) (4.3 cm H x 22.2 cm W x 15.2 cm D) (Depth excludes connectors and knob.)
Product weight.....	1.3 lbs (0.6 kg)
Shipping weight.....	3 lbs (2 kg)
Vibration.....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class B, ICES, VCCI
Environmental.....	Complies with the appropriate requirements of RoHS and WEEE.
MTBF	30,000 hours
Warranty.....	3 years parts and labor

NOTE: All nominal levels are at ±10%

NOTE: Specifications are subject to change without notice.

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