

Specifications

ASA 204, ASA 304

Audio

Gain..... Generally unity. Actual gain depends on whether or not both inputs have signals and also on the output wiring and DIP switch settings. See the table below.

Input Channel		Output wiring	Output DIP Switch Settings	
Left	Right		Unbalanced	Balanced
signal	signal	balanced	+9 dB	+3 dB
signal	—	balanced	+3 dB	-3 dB
—	signal	balanced	+3 dB	-3 dB
signal	signal	unbalanced	+3 dB	-3 dB
signal	—	unbalanced	-3 dB	-9 dB
—	signal	unbalanced	-3 dB	-9 dB

Frequency response 20 Hz to 20 kHz, ± 0.05 dB
 THD + Noise 0.03% @ 1 kHz at nominal level
 S/N >90 dB (balanced) at rated maximum output
 CMRR >75 dB @ 20 Hz to 20 kHz

Audio input

Number/signal type
 ASA 204 4 stereo, unbalanced
 ASA 304 4 stereo, balanced/unbalanced

Connectors
 ASA 204 4 pairs of female RCA (tip-ring)
 ASA 304 (4) 3.5 mm captive screw connectors, 5 pole

Impedance
 ASA 204 >10k ohms unbalanced, DC coupled
 ASA 304 >17k ohms unbalanced, 23k ohms balanced, DC coupled

Nominal level
 ASA 204 -10 dBV (316 mV)
 ASA 304 +4 dBu (1.23 V)

Maximum level +20 dBu (7.75 V), (balanced or unbalanced), at 1% THD+N

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

Audio output

Number/signal type 4 mono, balanced/unbalanced

Connectors (2) 3.5 mm captive screw connectors, 5 pole (double stacked)

Impedance <50 ohms unbalanced, 100 ohms balanced

Nominal level
 ASA 204 -10 dBV (316 mV)
 ASA 304 +4 dBu (1.23 V)

Maximum level (Hi-Z)
 ASA 204, ASA 304 only >+23 dBu, balanced; or >+17 dBu, unbalanced at 1% THD+N

Specifications • ASA 204, ASA 304 (Continued)

General

Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 0.5 A, 6 watts
Power input requirements	12 VDC, 0.2 A
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 mini under desk mounting kit
Pole mount.....	Yes, with optional mini projector mounting kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.3 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors.)
Product weight	0.5 lbs (0.3 kg)
Regulatory compliance.....	CE, C-tick, c-UL, UL, FCC Class A, ICES, VCCI
Product warranty	3 years parts and labor
Everlast power supply warranty.....	7 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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