

Specifications

DAC 102

Audio

Gain	Unbalanced output: -6 dB; balanced output: 0 dB
Frequency Response	20 Hz to 20 KHz, ± 0.2 dB
THD + Noise	<0.03% @ 1 kHz, at maximum output level
S/N	>100 dB, 20 Hz to 20 kHz, unweighted
Volume control	-100 dB to 0 dB

Audio input – digital

Number/signal type	2 S/PDIF (1 optical, 1 coaxial)
Source formats	PCM 32 kHz, 44.1 kHz, 48 kHz, 96 kHz, and 192 kHz sample rates, up to 24-bit
Listening modes	2-Channel/Stereo
Connectors	1 TOSLINK fiber optic connector 1 RCA jack

Audio output

Number/signal type	1 stereo balanced/unbalanced
Connectors	(1) 3.5 mm captive screw connectors, 5 pole
Impedance	50 ohms unbalanced, 100 ohms balanced
Gain error	0.2 dB channel to channel
Maximum level	>+12 dBV balanced or >+6 dBV unbalanced
D/A conversion	24 bit, 192 kHz

Communication

Volume Control port	(1) 3.5 mm captive screw connectors, 3 pole
Pin configuration	Pin 1 = +10 VDC, 50 mA (max.) Pin 2 = volume/mute (variable voltage) Pin 3 = GND
Volume Control voltage range	0 V (mute) to 10 V (maximum volume)

General

Power Input	5 VDC from external power source
Power Consumption Device	1.1 W
Temperature/humidity	Storage: = -40 °F 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
Thermal Dissipation Device	3.7 BTU/hr
Mounting	
Rack mount	Yes, with included ZipClip 25
Furniture mount	Yes, with included ZipClip 25
Enclosure type	Plastic
Enclosure dimensions	1.33" H x 2.4" W 2.3" D (3.4 cm H x 6.1 cm W x 5.8 cm D)
Product weight	0.2 lbs (0.1 kg)
Shipping weight	0.5 lbs (0.2 kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)

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Regulatory compliance	
Safety	CE
EMI/EMC	CE, C-tick, FCC Class B, ICES, VCCI
Environmental	Complies with the appropriate requirements of RoHS and WEEE.
Warranty	3 years parts and labor

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

NOTE: Specifications are subject to change without notice.

Operating +32 to +122°F (0 to +50°C) / 10% to 90%, noncondensing