Specifications

DA 6A

Audio

Gain ..... Unity when internal jumpers are set to match output wiring. See table below for other conditions.

Internal Jumpers / Output Wiring	Balanced	Unbalanced
Balanced	0 dB	+6 dB
Unbalanced	-6 dB	0 dB

Frequency response ..... 20 Hz to 20 kHz, ±0.05 dB (with voltage reference @ 1 kHz)
THD + Noise ..... 0.03% @ 1 kHz at nominal level
S/N ..... >90 dB, unbalanced/balanced, at maximum output (unweighted)
Stereo channel seperation ..... >80 dB @ 1 kHz, >60 dB @ 20 kHz
CMRR ..... >75 dB @ 20 Hz to 20 kHz
Output cable driving distance ..... Up to 1000 feet with STP 22 cable

Audio input

Number/signal type ..... 1 stereo, balanced/unbalanced
Connectors ..... (1) 3.5 mm captive screw connectors, 5 pole
Impedance ..... >18K ohms unbalanced, >24k ohms balanced, DC coupled
Nominal level ..... Compatible with +4 dBu (1.23 Vrms), 0 dBu (0.775 Vrms), -10 dBV (316 mVrms), -20 dBV (100 mVrms)
Maximum level ..... +24 dBm, (balanced) at 1% THD+N

NOTE: 0 dBu = 0.775 Vrms, 0 dBV = 1 Vrms, 0 dBV ≈ 2 dBu

Audio output

Number/signal type ..... 6 stereo, balanced/unbalanced
Connectors ..... (6) 3.5 mm captive screw connectors, 5 pole
Impedance ..... 50 ohms unbalanced, 100 ohms balanced
Nominal level (Hi-Z) ..... >+24 dBu, balanced at 1%THD+N
Maximum level (600 ohm) ..... >+15 dBu, balanced at 1% THD+N

General

Power supply ..... 100 VAC to 240 VAC, 50-60 Hz, 8 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
Mounting
  Rack mount ..... Yes, with optional 1U deep rack shelf
  Furniture mount ..... Yes, with optional under-desk mounting kit or through-desk mounting kit
Enclosure type ..... Metal
Enclosure dimensions ..... 1.7" H x 8.7" W x 6.0" D (1U high, half rack wide)
(4.3 cm H x 22.1 cm W x 15.2 cm D)
(Depth excludes connectors.)
Product weight ..... 2 lbs (0.9 kg)
Shipping weight ..... 4 lbs (2 kg)

Specifications • DA 6A (Continued)

Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, VCCI, ICES
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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