

# Specifications — SADA 6 MX, SADA 6 MX Dual/Quad

## Audio

Gain .....	Unbalanced output: 0dB; balanced output: +6dB
Frequency response .....	20 Hz to 20 kHz, $\pm 0.05$ dB
THD + Noise .....	0.03% @ 1 kHz at nominal level
S/N .....	>90 dB, balanced at maximum output
Stereo channel separation .....	>80 dB @ 1 kHz; >60 dB @ 20 kHz
CMRR .....	>75 dB @ 20 Hz to 20 kHz

## Audio input

Number/signal type .....	1, 2, or 4 stereo unbalanced (Hi Z), balanced (Hi Z or 600 ohms)
Connectors .....	(1, 2, or 4) 3.5 mm captive screw connector(s), 5 pole
Impedance .....	>50 kohms unbalanced, >25 kohms balanced, DC coupled
Nominal level .....	+4dBu (1.23V), -10dBV (316mV)
Maximum level .....	+24 dBu (balanced or unbalanced) at 1%THD+N

## Audio output

Number/signal type .....	6, 12, or 24 stereo, balanced/unbalanced
Connectors .....	(6, 12, or 24) 3.5 mm captive screw connector(s), 5 pole
Impedance .....	50 ohms unbalanced, 100 ohms balanced
Gain error .....	$\pm 0.1$ dB channel to channel
Maximum level (Hi-Z) .....	>+24dBu, balanced at 1%THD+N
Maximum level (600 ohm) .....	>+15dBm, balanced at 1%THD+N

**NOTE** 0dBu = 0.775 volts, 0dBV = 1 volt.

## General

Power .....	100VAC to 240VAC, 50/60 Hz, internal, autoswitchable SADA 6 MX ..... 10 watts SADA 6 MX Dual .... 12 watts SADA 6 MX Quad .... 14 watts
Temperature/humidity .....	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount .....	Yes, with optional 1U rack shelf, part #60-190-01
Enclosure type .....	Metal
Enclosure dimensions	
SADA 6 MX and Dual .....	1.75" H x 8.7" W x 9.4" D (1U high, half rack width) 4.4 cm H x 22.1 cm W x 23.9 cm D
SADA 6 MX Quad .....	1.75" H x 17.5" W x 9.4" D (1U high, full rack width) 4.4 cm H x 44.5 W x 23.9 cm D
Product weight	
SADA 6 MX .....	2.3 lbs (1.0 kg)
SADA 6 MX Dual .....	2.5 lbs (1.1 kg)
SADA 6 MX Quad .....	4.5 lbs (2.0 kg)
Shipping weight	
SADA 6 MX .....	5 lbs (2.3 kg)
SADA 6 MX Dual .....	5 lbs (2.3 kg)
SADA 6 MX Quad .....	8 lbs (3.6 kg)
Vibration .....	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings .....	UL, CUL
Compliances .....	CE, FCC Class A
Warranty .....	3 years parts and labor

**NOTE** Specifications are subject to change without notice.

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