

# Specifications

## BUC 202

### Audio

Gain.....	-21 dB to 21 dB, 3 dB increments, independent channels
Gain error .....	±0.1 dB
Frequency response.....	20 Hz to 20 kHz, ±0.5 dB
THD + Noise.....	0.05% @ 1 kHz at maximum output level
S/N.....	>100 dB, at 0 dB gain
Stereo channel separation .....	>80 dB @ 1 kHz

### Audio input

Number/signal type .....	1 stereo, balanced/unbalanced
Connectors .....	(1) 3.5 mm captive screw connector, 5 pole
Impedance .....	>10k ohms unbalanced/balanced
Nominal level .....	-10 dBV to +4 dBu, adjustable
Maximum level.....	+25 dBu, balanced, +20 dBu unbalanced
CMRR .....	75 dB typ @ 1 kHz

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

### Audio output

Number/signal type .....	1 stereo, balanced/unbalanced
Connectors .....	(1) 3.5 mm captive screw connector, 5 pole
Impedance .....	50 ohms unbalanced, 100 ohms balanced
Maximum level.....	+25 dBu balanced, +19 dBu unbalanced

### General

Power supply.....	Internal Input: 100-240 VAC, 50-60 Hz
Power consumption .....	2.9 watts
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
Thermal dissipation .....	9.9 BTU/hr
Mounting	
Rack mount.....	Yes, with optional 1U rack shelf, with the included ZipClip 200 mounting clip, or by securing to rack rails with tie wraps
Furniture mount .....	Yes, with the included ZipClip 200 mounting clip
Pole mount.....	Yes, using tie wraps
Enclosure type .....	High impact, high temperature plastic
Enclosure dimensions .....	1.7" H x 4.3" W x 4.5" D (1U high, quarter rack wide) (4.2 cm H x 11.0 cm W x 11.4 cm D)
Product weight.....	0.8 lb (0.4 kg)
Shipping weight.....	3 lbs (2 kg)
Vibration.....	Operating: 10-250 Hz, 0.25 Gp-p, 3 axes, 15 min. sweep

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, WEEE

Warranty..... 3 years parts and labor

**NOTE:** All nominal levels are at  $\pm 10\%$ , and all specifications are tested at unity gain unless otherwise noted.

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

8.0-011314-D2