

Appendix C: Technical Info

T • 231 Specifications

Frequency Response

20 Hz to 20 kHz (+0, -1 dB)
20 Hz to 50 kHz (+0, -3 dB)

Audio Input

Type: Active balanced XLR
and 1/4" jacks
Unbalanced RCA jack
Impedance: 20 k Ω balanced
15 k Ω unbalanced
Maximum Input Level: +21 dBu balanced and
unbalanced

Audio Output

Type: Active balanced XLR and
1/4" jacks
Unbalanced RCA jack
Impedance: <600 Ω
Maximum Output Level: +18 dBu
THD+N @ 1 kHz, +4 dBu: 0.02% @ 1 kHz
(all sliders at center position)
Noise and Hum, unity gain:
< -93 dBu
Crosstalk @ 1 kHz: < -103 dBu
Common Mode Rejection:
> 60 dB

Graphic EQ

Type: 1/3-octave Constant Q
Frequency Range: 20 Hz to 20 kHz
in 31 third-octave bands
(ISO center frequencies)
Sliders: 20 mm with center detent
Level: Off (∞) to +17 dB
Hi-Pass: 40 Hz @ 12 dB/octave
Low-Pass: 16 kHz @ 12 dB/octave
Bypass: Bypasses the graphic equalizer,
Hi-Pass, and Low-Pass
filter sections
Range: ± 6 dB or ± 12 dB

Indicators

HI-PASS LED
LOW-PASS LED
CLIP LED
BYPASS LED
6 dB/12 dB Range LEDs
POWER LED

AC Power and Current Requirements

Power Consumption: 12.5 watts
AC Operating Voltages:
U.S. 120 VAC, 60 Hz
Europe 240 VAC, 50 Hz
Japan 100 VAC, 50/60 Hz
Korea 220 VAC, 60 Hz
Fuse: 315 mA @ 100-240 VAC

Physical Dimensions and Weight

Height: 3.5 in/89 mm
Width: 19.0 in/483 mm
Depth: 8.7 in/220 mm
Weight: 9.5 lb/4.3 kg

Disclaimer

Since we are always striving to make our products better by incorporating new and improved materials, components, and manufacturing methods, we reserve the right to change these specifications at any time without notice.