

# APPENDIX C: LINK.USB SPECIFICATIONS

## Analog Specifications

### Frequency Response

Any Input to Monitor Output:	+0, -0.5 dB, 22 Hz to 22 kHz @ 48 kHz SR
Any Input to Phones Output:	+0, -3 dB, 30 Hz to 22 kHz @ 48 kHz SR (600Ω load)

### Distortion

THD + Noise (1 kHz, -1 dBFS @ 48 kHz SR)	
Mic Input to Monitor Output:	< 0.005%

### Dynamic Range

Mic Input to Monitor Output (48 kHz SR, A-weighted):	100 dB
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### Input Impedance

Mic Input:	3 kΩ
Line Input:	20 kΩ balanced, 20 kΩ unbalanced
Instr Input:	1 MΩ

### Output Impedance

Monitor Output:	200Ω
Headphone Output:	< 1Ω

### Crosstalk

Monitor Output (1 kHz, Left to Right)	-70 dB
Headphone Output (1 kHz, Left to Right)	-80 dB

### Maximum Input Level

Mic In (XLR):	-2.2 dBu
Line In:	+4.5 dBu
Instr In:	+5.4 dBu

### Maximum Output Level

Monitor Output:	+4.2 dBu
Headphone Output:	18 mW into 600Ω