

Appendix B: Technical Info

Onyx FireWire Card Specifications

Mic In to FireWire Card to DAW, routed back to FireWire Card to Control Room Output; all signal path gain stages set to unity

Frequency Response

+0, -3 dB, 10 Hz to 42 kHz @ 96 kHz sample rate

+0, -1 dB, 10 Hz to 20 kHz @ 44.1 kHz sample rate

Distortion (THD+N)

< 0.025%, 10 Hz to 40 kHz, +4 dBu input @ 96 kHz sample rate

< 0.015%, 20 Hz to 20 kHz, +4 dBu input @ 96 kHz sample rate

< 0.010%, 20 Hz to 20 kHz, +4 dBu input @ 44.1 kHz sample rate

Dynamic Range

> 98 dB, 20 Hz to 20 kHz @ 96 kHz sample rate

> 100 dB, 20 Hz to 20 kHz @ 44.1 kHz sample rate

Main Mix Trim

+10 dB to -10 dB, unity detent

Dimensions

Height: 1.3 in/32 mm

Width: 8.8 in/222 mm

Depth: 3.6 in/91 mm

Weight: 8.3 oz./235 g

LOUD Technologies Inc. is always striving to improve our products by incorporating new and improved materials, components, and manufacturing methods. Therefore, we reserve the right to change these specifications at any time without notice.

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