



Microphone Frequency Response Measurement Report

Customer: Cascade Microphones
Project No.: J2009-240

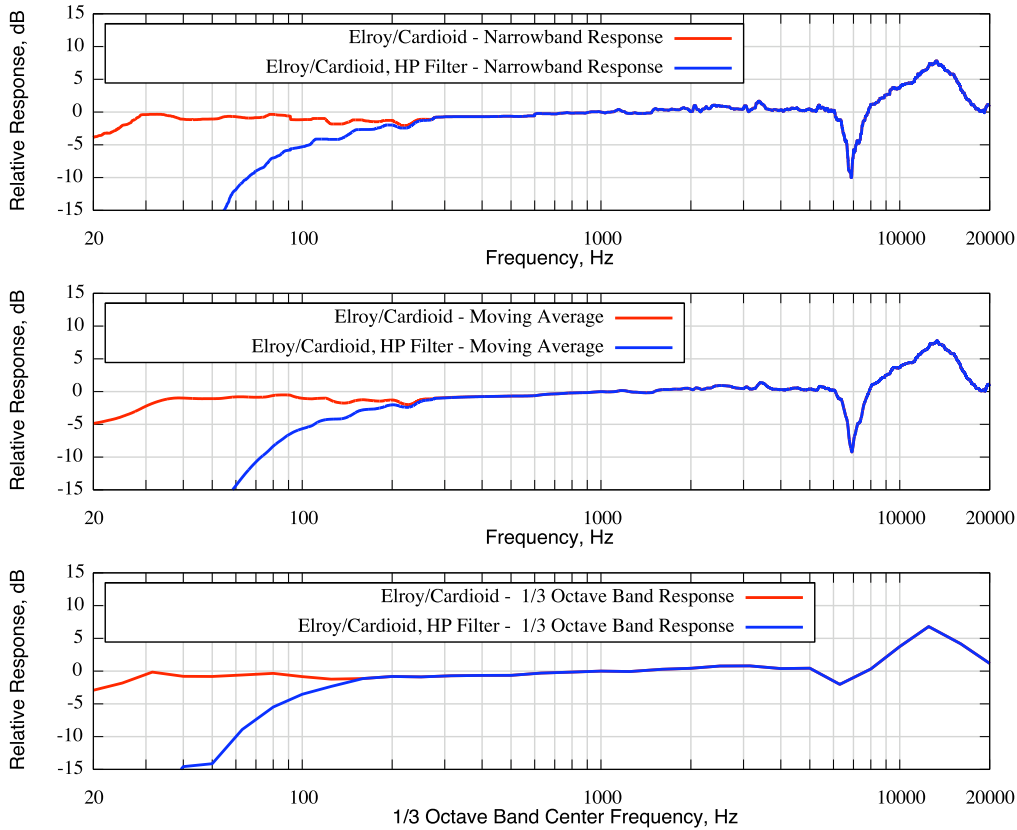
Address: 3720 Gravelly Beach Loop NW
Olympia, WA 98502

Microphone Manufacturer: Cascade Microphones
Serial Number: 349

Model Number: Elroy/Cardioid
Phantom Power: N/A

Measurement Date: April 16, 2009
Engineer: H. Singleton

Temperature: 58°F/14°C
Humidity: 21%

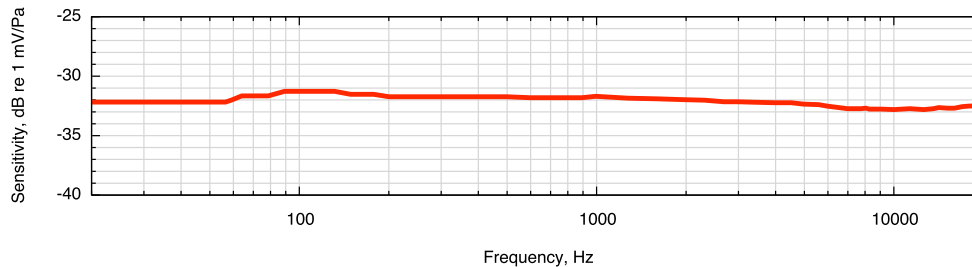


1/3 OB Results	
Freq.	Resp. (dB)
20	-2.92
25	-1.82
31.5	-0.16
40	-0.80
50	-0.82
63	-0.59
80	-0.34
100	-0.84
125	-1.23
160	-1.13
200	-0.82
250	-0.88
315	-0.72
400	-0.65
500	-0.65
630	-0.30
800	-0.16
1000	0.00
1250	-0.07
1600	0.28
2000	0.44
2500	0.78
3150	0.80
4000	0.39
5000	0.44
6300	-2.03
8000	0.32
10000	3.75
12500	6.80
16000	4.17
20000	1.17

This frequency response measurement is not a NIST-traceable calibration.

Reference Microphone

Reference Microphone Frequency Response: ACO Pacific 7052S, S/N 31220, Cal. Date March 16, 2006





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Supplemental Information

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Serial Number: 349	Phantom Power: N/A
Measurement Date: April 16, 2009	Temperature: 58°F/14°C
Engineer: H. Singleton	Humidity: 21%
Ref. Calibrator: GenRad 1986	
Serial Number: 00242	
Microphone Sensitivity: -39.3 dB (10 mV/Pa) (re 1000Hz, 94 dB)	Noise Floor: 21 dBA

