

# M-Audio Audiophile

## RightMark Audio Analyzer test

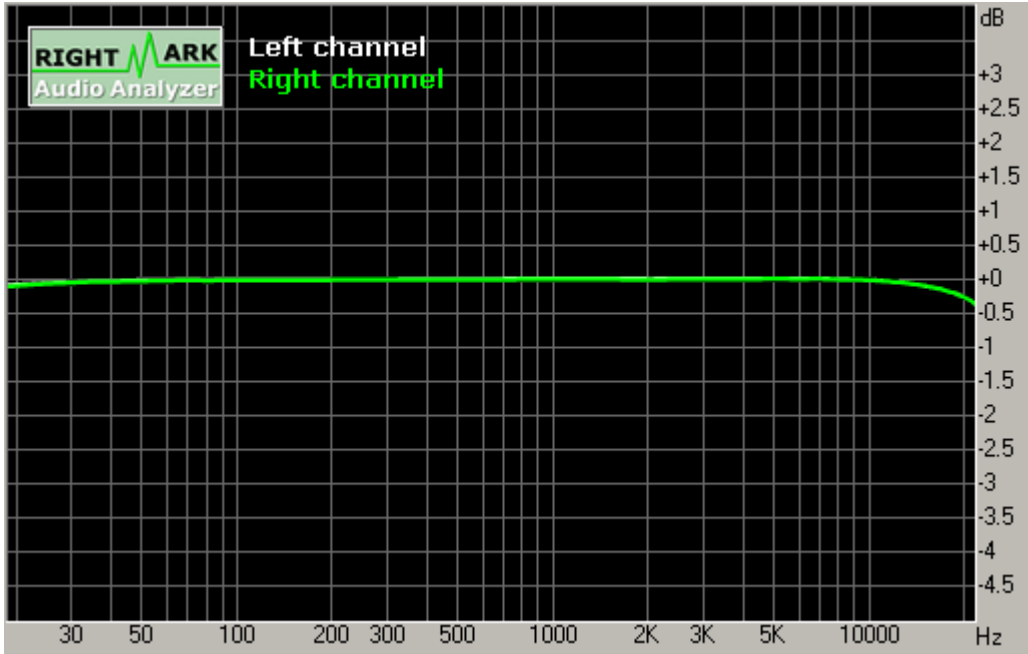
Testing chain: External loopback (line-out - line-in)  
Sampling mode: 16-bit, 48 kHz

### Summary

Frequency response (from 40 Hz to 15 kHz), dB:	+0.01, -0.09	Excellent
Noise level, dB (A):	-92.2	Very good
Dynamic range, dB (A):	92.0	Very good
THD, %:	0.0014	Excellent
IMD + Noise, %:	0.0074	Excellent
Stereo crosstalk, dB:	-94.1	Excellent
IMD at 10 kHz, %:	0.0082	Very good

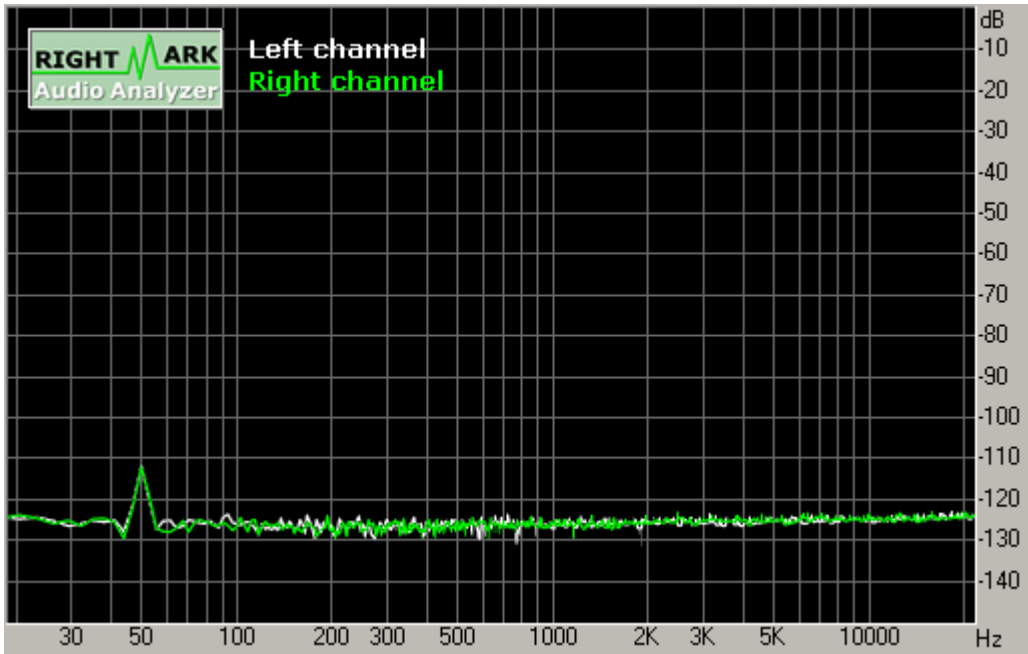
General performance: Excellent

### Frequency response



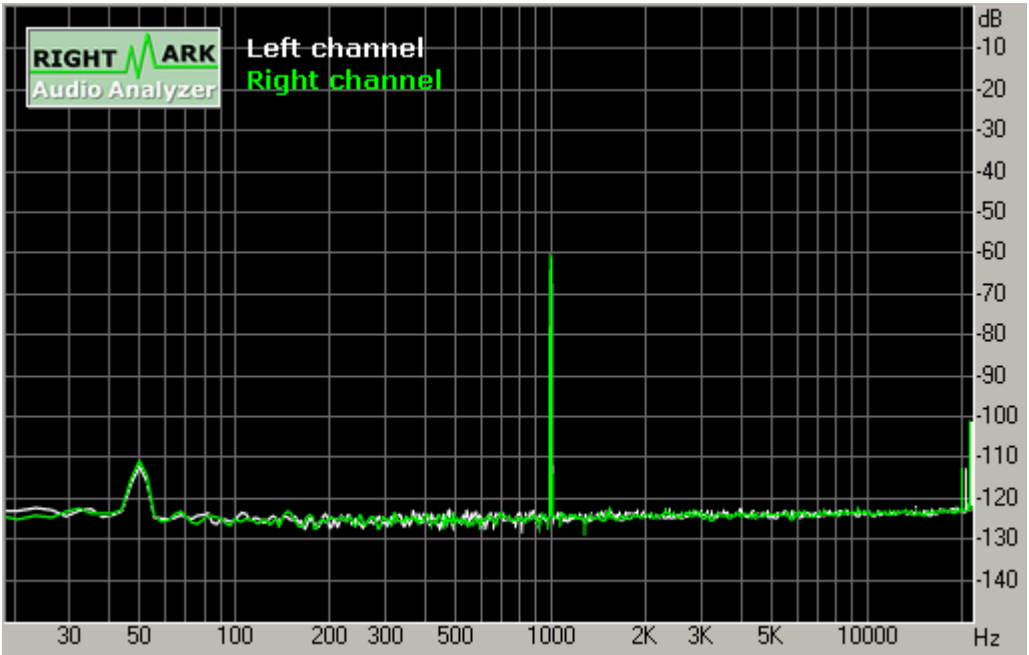
Frequency range	Response
From 20 Hz to 20 kHz, dB	-0.25, +0.01
From 40 Hz to 15 kHz, dB	-0.09, +0.01

Noise level



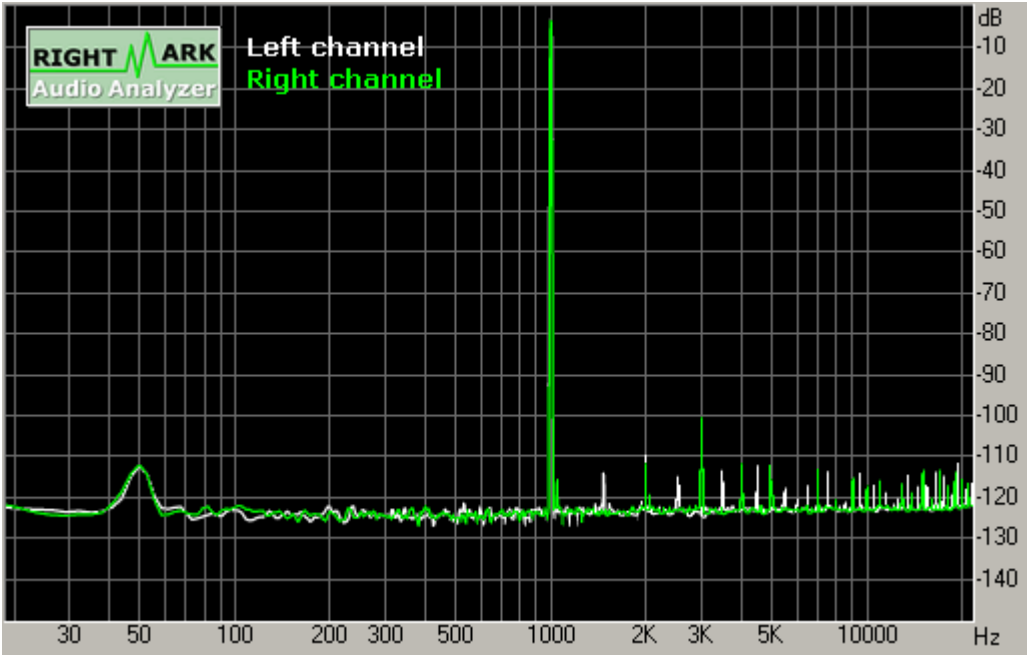
Parameter	Left	Right
RMS power, dB:	-88.1	-87.4
RMS power (A-weighted), dB:	-92.2	-92.1
Peak level, dB FS:	-73.9	-72.6
DC offset, %:	-0.00	-0.00

Dynamic range



Parameter	Left	Right
Dynamic range, dB:	+88.2	+87.8
Dynamic range (A-weighted), dB:	+92.1	+92.0
DC offset, %:	-0.00	-0.00

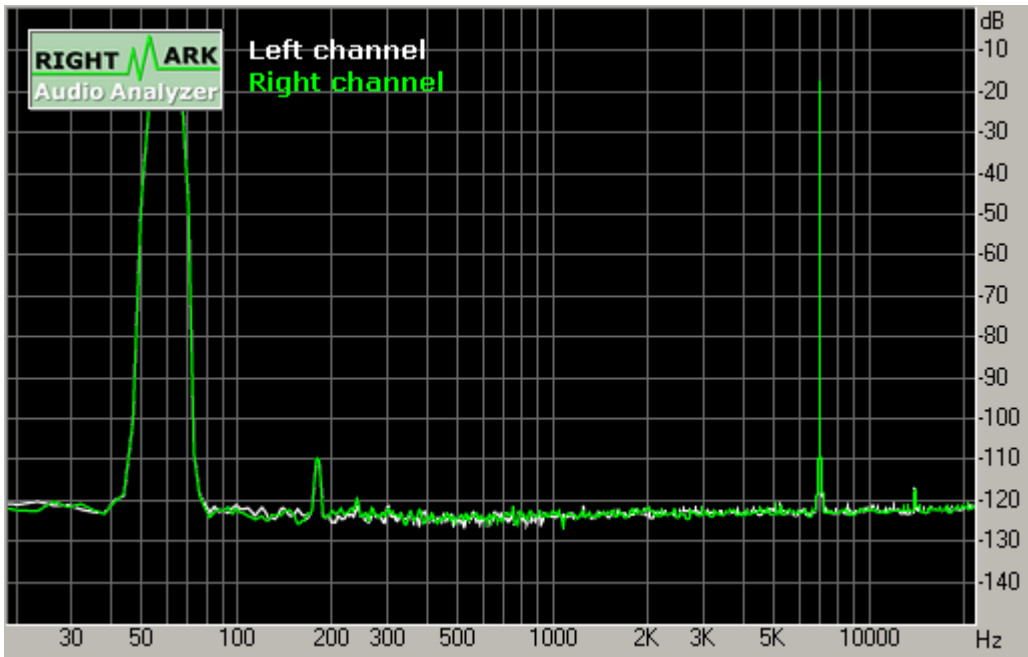
THD + Noise (at -3 dB FS)



Parameter	Left	Right
THD, %:	0.0014	0.0017
THD + Noise, %:	0.0060	0.0060

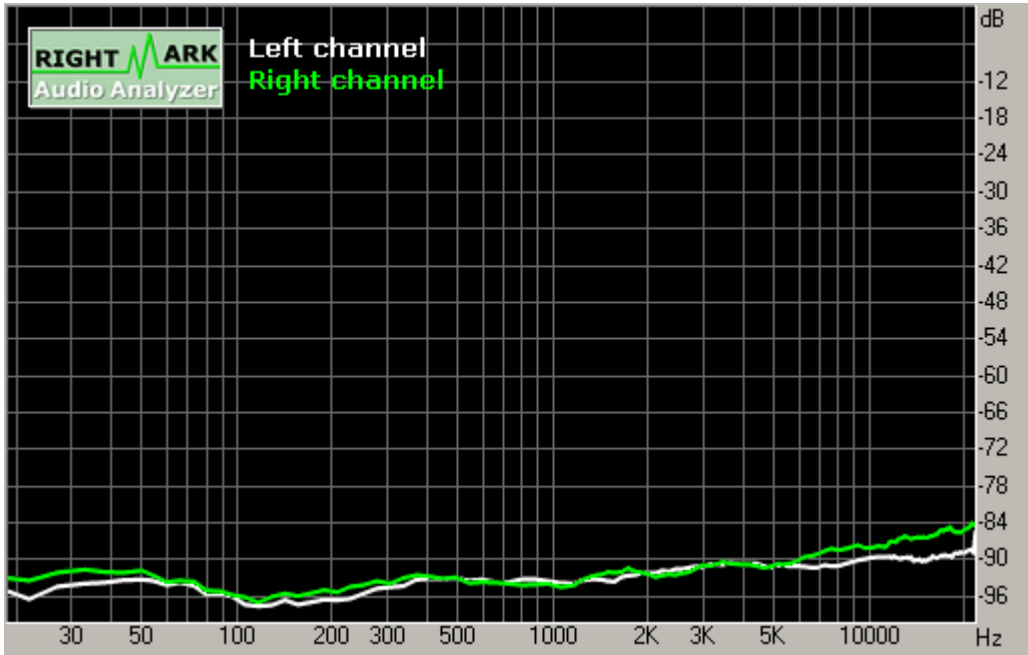
THD + Noise (A-weighted), %:	0.0051	0.0051
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Intermodulation distortion



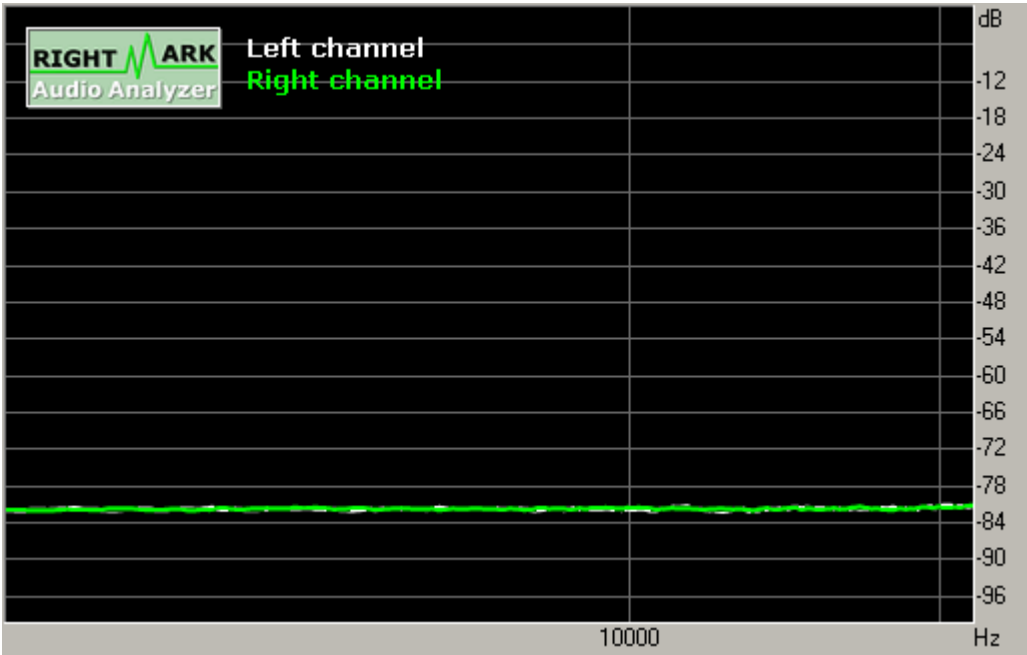
Parameter	Left	Right
IMD + Noise, %:	0.0074	0.0075
IMD + Noise (A-weighted), %:	0.0060	0.0061

Stereo crosstalk



Parameter	L <- R	L -> R
Crosstalk at 100 Hz, dB:	-95	-95
Crosstalk at 1 kHz, dB:	-93	-93
Crosstalk at 10 kHz, dB:	-89	-87

IMD (swept tones)



Parameter	Left	Right
IMD + Noise at 5 kHz, %:	0.0081	0.0084
IMD + Noise at 10 kHz, %:	0.0081	0.0084
IMD + Noise at 15 kHz, %:	0.0083	0.0083

This report was generated by RightMark Audio Analyzer 5.5