

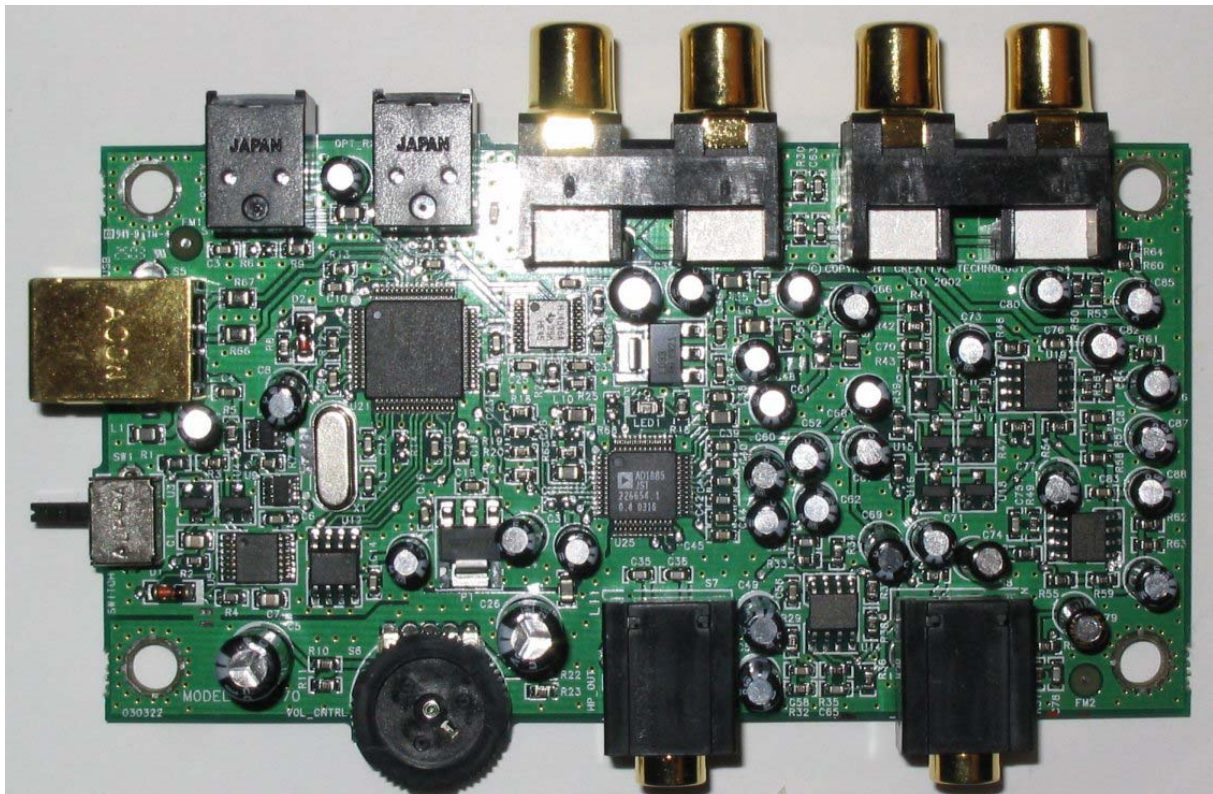
professional measurements by

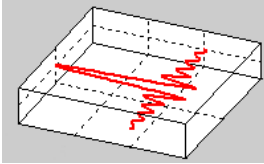
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## Creative Labs MP3+ USB audio device

### Summary:

External USB audio device with microphone preamplifier/headphone +optical digital input and outputs.





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Quite noise is at  $-85.6$  dB(A)

THD+N is at  $-76$ dB(A)

Sample rates are 44.1kHz and 48kHz.

Enhanced full duplex with different sample rates at the input and output is supported.

Driver installation is excellent, plug and play without restarts. It also runs with the Windows XP generic drivers.

Measurements include

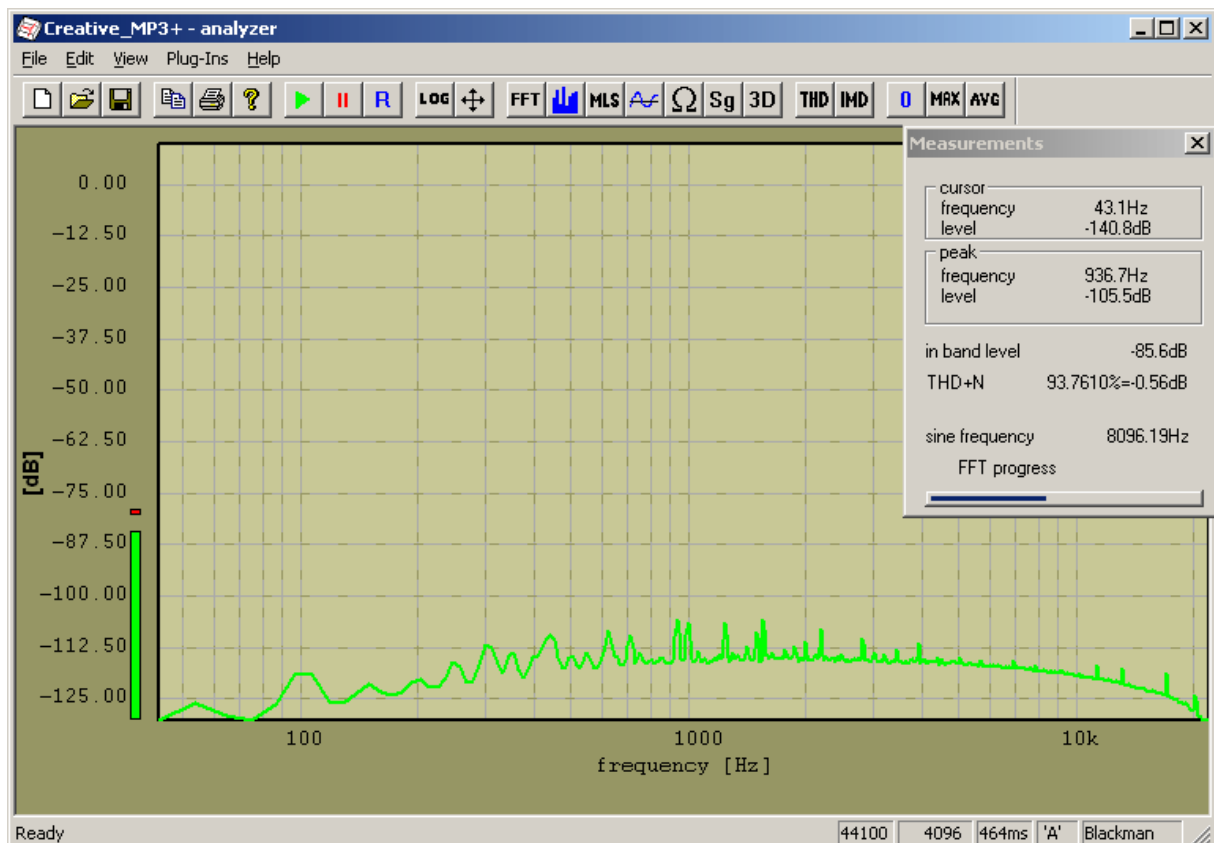
- quite noise
- THD+N
- enhanced full duplex check
- frequency response

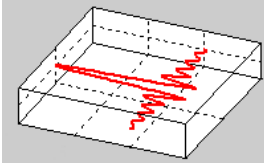
### **Quite noise.**

Input is set to zero. Input level to minimum.

### **Results:**

$-85.6$  dB      A weighting



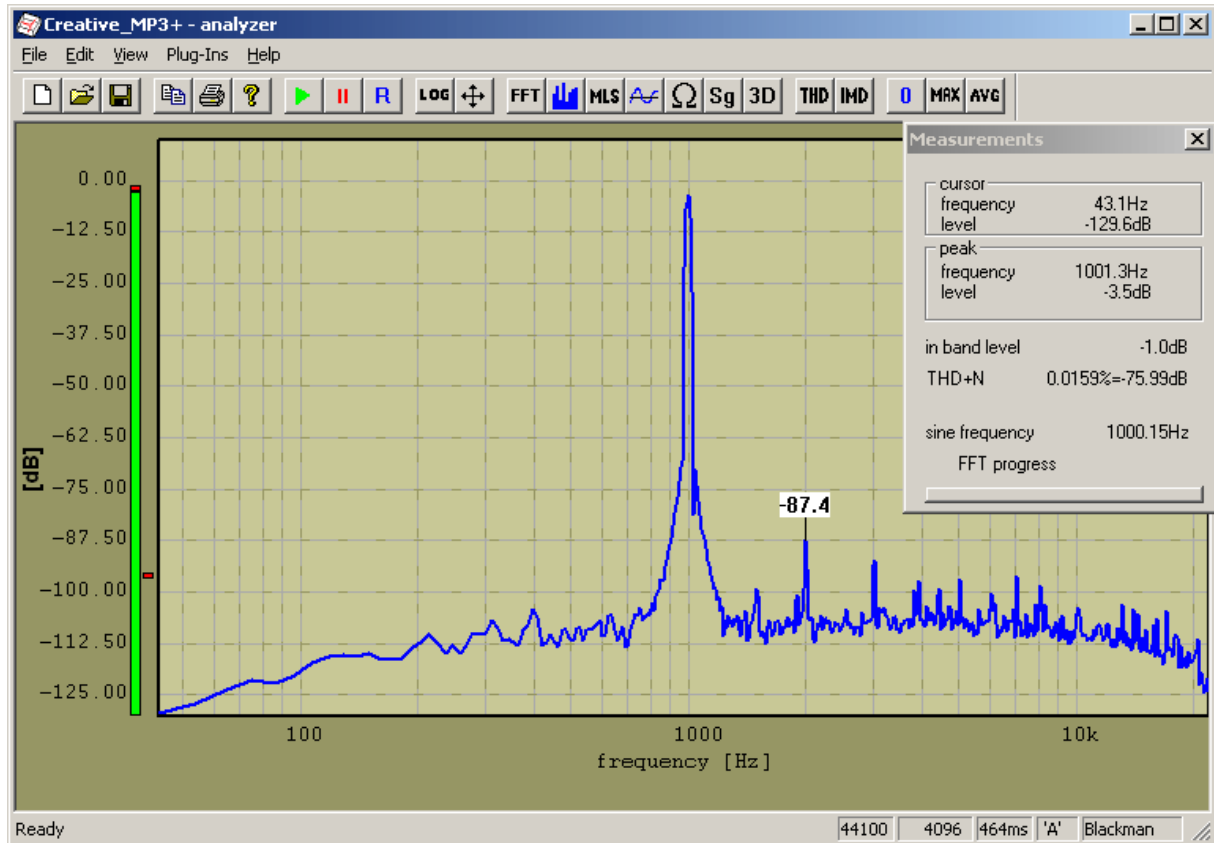


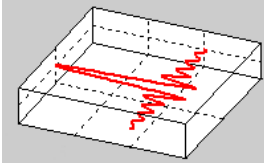
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### THD+N at 1kHz sine

Sample rate is 44.1kHz. Levels are set for optimum THD+N. This card reaches  $-76\text{dB(A)}$ .



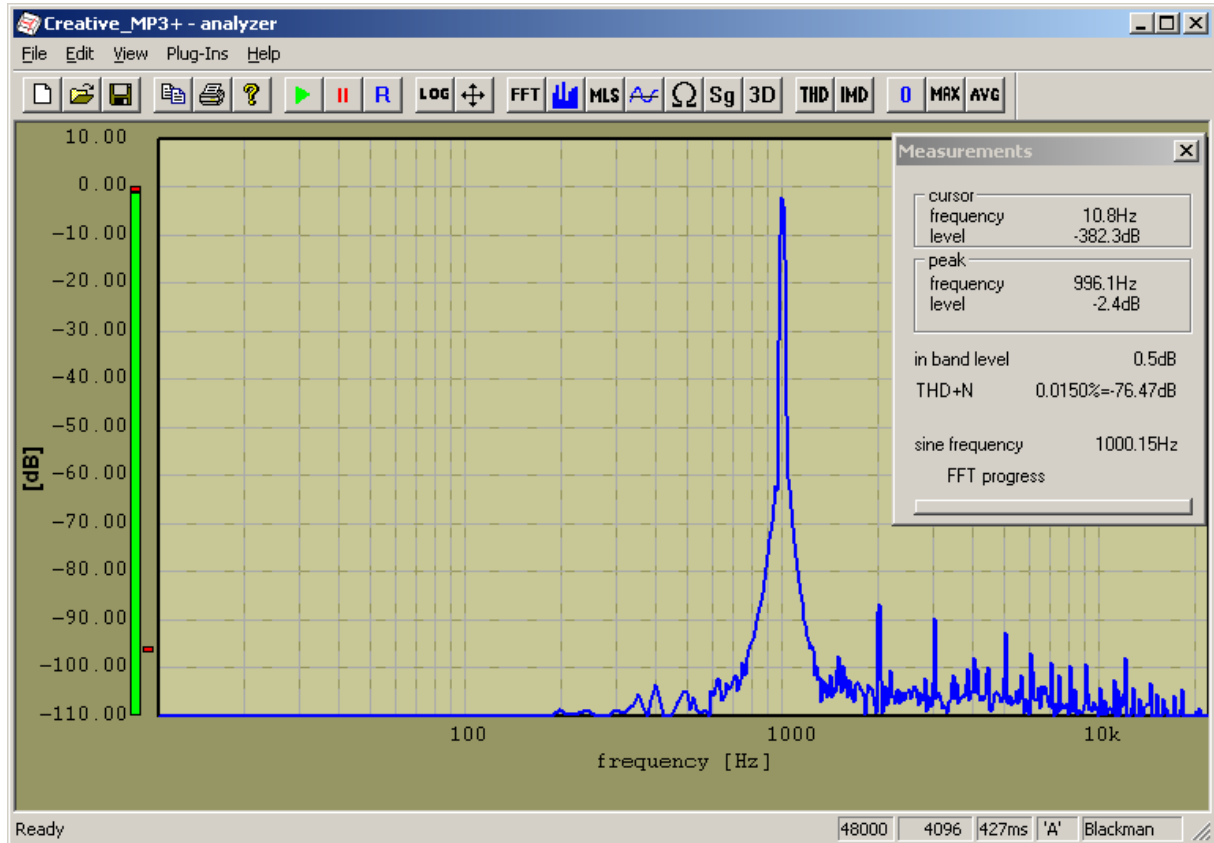


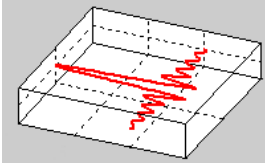
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### **Enhanced full duplex check**

Output is 44.1kHz. Input is set to 48kHz. This enhanced full duplex mode works.





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## Frequency response

