

Wavefile Generator v1.0

Congratulations, and thank you for using the NTI Wavefile Generator! Create your own test CD specially suited for the NTI Minilyzer ML1 (analog audio analyzer). This program generates all frequently used test signals as 16 bit, 44.1 kHz wave files. Just generate the signals and compose a CD with your personal CD software – or use your favourite wave file player to analyse your soundcard with the ML1.

You can:

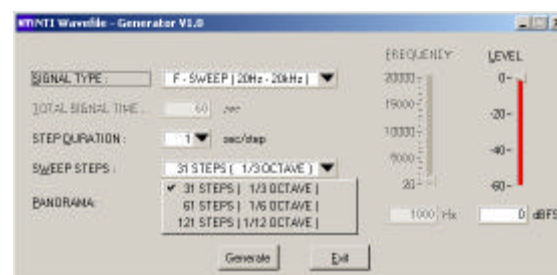
- test CD-players
- test sound-cards
- set-up PA-systems
- line up CART-machines (PC-based broadcasting technique)
- and much more

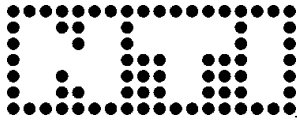
simply by using your Minilyzer ML1 and this free and easy to use software tool!

What can be generated?

- *SINUS WAVES* for output level measurement and adjustments. Use the panorama slider to generate signals to check the correct left/right configuration of your equipment.
- *POLARITY TEST SIGNAL*, to check the polarity of speakers and connections with your ML1.
- *PINK NOISE* for quick measurement of the frequency response and to find acoustic problems by using the 1/3rd Octave function of your Minilyzer.
- *FREQUENCY SWEEPS* for frequency response measurements, specially suited for your Minilyzer. A sweep step duration of 1 second works fine with your ML1. When you want to measure sharp filters the settling time of the ML1 would be greater than one second and results could not be acquired. Therefore, generate a sweep with e.g. 2 seconds step duration additionally.

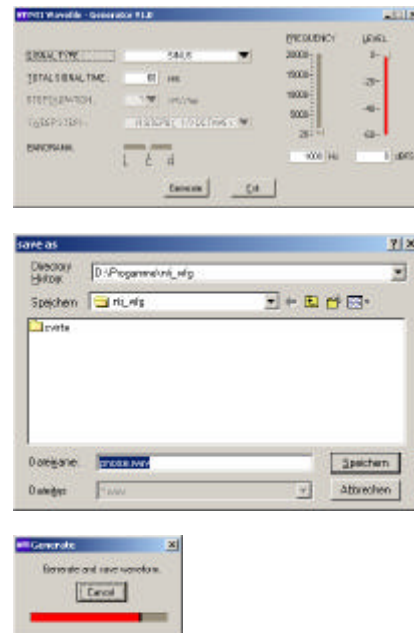
For fast measurements sweeps with 31 steps are used. The wavefile generator provides also higher resolution sweeps (up to 1/12 octave) also analysed by your Minilyzer ML1.





How to generate?

- Adjust all settings on the shown screen. Any non applicable parameters for the selected signal type are dimmed). The TOTAL SIGNAL TIME is the length of the wavefile to be recorded in seconds.
- Press the "Generate" button. Select the name and destination for the wave file (try to give the files representative names such as sine_0dB_C_1kHz.wav). After pressing "store" the signal is generated and stored to your hard disk.



System requirements

- Windows 95 / 98 / NT4.0 / 2000
- 5Mb hard disk space
- hard disk space to store the generated wave files

Enjoy using the NTI Wavefile Generator!
Your NTI Team.

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