NoiseTools System Requirements
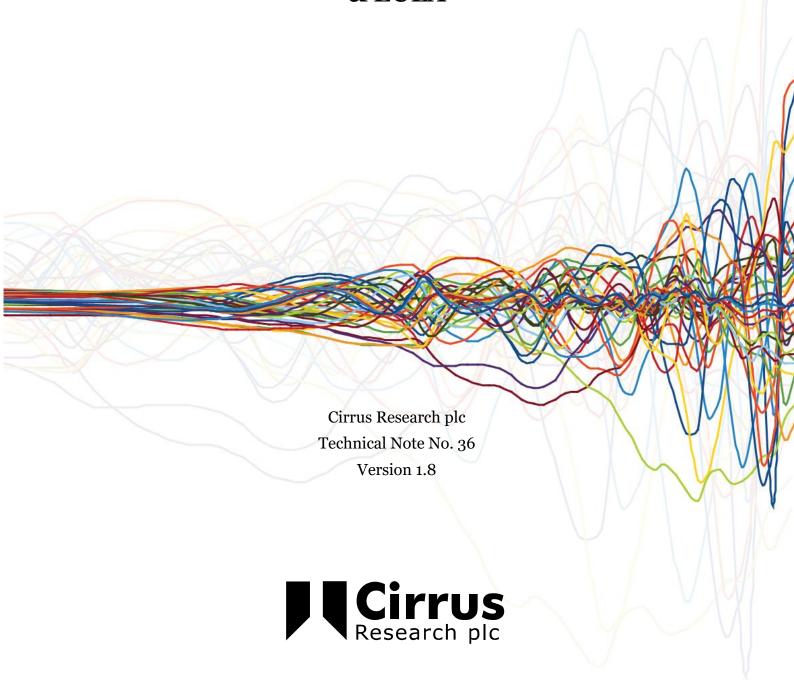# & EULA

Cirrus Research plc

Technical Note No. 36

Version 1.8

Cirrus
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Version 1.8 February 2018

1 NoiseTools System Requirements

The NoiseTools software (supplied with the optimus sound level meters, doseBadge Noise Dosimeter, Trojan Noise Nuisance Recorder, CR:800C and CR:260A sound level meters) can be run on most modern PCs (Refer to the minimum system requirements below).

To get the best from the software the PC should meet the minimum specifications below and where possible meet the recommended specifications.

If you are using functions such as the FFT analysis or 3D playback of audio recordings, having a faster PC with a dedicated NVIDIA graphics card will be beneficial.

1.1 Operating System

Please note that NoiseTools is not compatible with the Apple Mac Operating system.

NoiseTools is not compatible with Windows XP.

1.2 Minimum System Requirements

- Windows 10 (x64)
- CPU: 2GHz Dual Core
- Memory: 2GB
- Storage: 10GB free space
- Display: 1280x800

1.3 Recommended System Specification

- Windows 10 (x64)
- CPU: 3GHz Dual Core
- Memory: 4GB
- Storage: 50GB free space
- Display: 1280x1024

1.4 Ideal System Specification

- Windows 10 (x64)
- CPU: 3GHz Quad Core
- Memory: 8GB
- Storage: 100GB free space
- Display: 2x 1920x1080
- Dedicated NVIDIA graphics card with CUDA support
- Dedicated sound card and external speakers

1.5 Storage

- Approximately 1GB for installing NoiseTools and dependencies
- Up to 512MB for temporary files during measurement download
- 1GB per instrument per year for measurements and time history data, assuming typical usage

For constant measurements at higher data rates this will be significantly more.

Audio requires the following amounts per Hour

Standard (120MB), Studio (1.4GB)

1.6   Sound Card for audio playback

NoiseTools can work with on-board sound cards and even internal laptop speakers.

However for best results a dedicated card and external speakers are required.

Some on-board sound cards will not be capable of playing the studio quality 96kHz audio, all dedicated cards we have tested are capable of playing at this quality.

In some cases internal speakers are sufficient, however to playback at realistic levels, such as when using the speaker calibration feature, good quality external speakers are required.

1.7   Graphics Card

NoiseTools uses the latest technologies to draw the user interface directly using the graphics card.

This gives a much better looking more responsive experience and allows us to easily provide certain advanced features, such as the 3D frequency analysis view.

Most on-board graphics chips can provide more than enough power to display the basic user interface but the more advanced screens will be noticeably smoother on more powerful hardware.

NoiseTools is also able to use the latest CUDA graphics cards, from NVIDIA, to do FFT and other complex calculations. This can be many times faster than running these calculations on the main processor. This feature requires a CUDA capable card and 64bit version of Windows.

2 NoiseTools EULA

2.1   Disclaimer:

The content of NoiseTools, any illustrations, technical information and descriptions contained within were correct at the time of release. Cirrus Research plc reserves the right to make any changes necessary, without notice, in line with the policy of continuing product development and improvement.

The provision of the hearing protector information is in no way an endorsement of a particular product, range of products or manufacturer by Cirrus Research plc or by the manufacturers of the hearing protector products described.

The data contained within the program for the calculation of noise levels at the ear during the use of hearing protection was correct at the time of release.

However, Cirrus Research plc accepts no responsibility for the interpretation of any information displayed, and is not liable for the update and maintenance of any data supplied with the program. The user of the software program and any equipment connected to it is responsible for ensuring that the data used for the calculation of hearing protection is correct and up to date.

No liability is accepted for any inaccuracies or omissions in the software program, and data contained within it or in any data displayed before and after calculations have been made, although due care has been taken to ensure that is it complete and as accurate as possible.

In no event shall the copyright owner or contributors be liable for any direct, indirect, incidental, special, exemplary or consequential damages however caused and on any theory of liability even if advised of the possibility of such damage.

2.2   License

This Agreement permits the installation and use of multiple copies of the NoiseTools software. The NoiseTools software can be installed on systems that allow shared use of applications, on a multi-user network or on any system or configuration of computers that allows multiple users.

The NoiseTools software is supplied free from any restrictions on its installation and use by more than one user.

2.3   Privacy Policy:

Cirrus Research plc is committed to protecting its customer's privacy and as such it is important for you to read and understand the NoiseTools privacy policy which explains how NoiseTools collects and uses the information regarding the users of NoiseTools.

Please refer to the Cirrus Research plc Privacy Policy for information regarding data handling, retention and processing.

www.cirrusresearch.co.uk/privacy

2.3.1   Information Types:

The different types of information discussed in this policy are described as follows:

2.3.1.1   Personal Information

Personal information refers to information that could be used to personally identify you such as your name, email address, phone number etc.

2.3.1.2   Instrument Information

Instrument Information refers to information related to the particular Cirrus Research plc instrument you may be using, including but not limited to information such as your instrument's configuration, serial number, calibration data etc.

2.3.1.3   Computer Information

Computer Information refers to information related to your computer including but not limited to information about your computer's configuration, your operating system, the NoiseTools version you are using etc.

2.3.1.4   Error Reporting:

Error reporting allows you to optionally report any problems you might be facing with NoiseTools. The information collected is used by Cirrus Research plc to improve and further enhance your experience with NoiseTools.

The error reporting feature collects Computer Information including specific error codes. Users may optionally share specific personal information, any personal information collected is kept confidential and not shared with any third party, in compliance with our privacy policy.

2.3.1.5   Automatic Updates:

NoiseTools performs a quick check for available updates every time it is started. Cirrus Research plc stores non personal Computer Information to create anonymous usage statistics.

2.3.1.6   Optimus Cloud:

Optimus Cloud is the web based service offered by NoiseTools/Cirrus Research plc that allows users to link their email and/or Twitter account with NoiseTools.

The Personal Information collected allows users to link their email and/or Twitter account with NoiseTools software.

Registration with Optimus Cloud is optional and only required to use the services it offers.

Optimus Dynamic is part of Optimus Cloud and is used by NoiseTools and Optimus instruments to allow communication. Optimus Dynamic logs all interactions with NoiseTools and Optimus Instruments including your IP addresses, it doesn't store any Personal Information.

2.3.1.7 Optimus Cloud Account:

Your Optimus Cloud Account stores Personal and Instrument Information including email addresses, names and optionally Twitter account details, data is encrypted and hashed where appropriate and is never shared with any third party.

2.3.1.8 Online Acoustic Fingerprint Library:

The Online Acoustic Fingerprint Library stores its user's Acoustic Fingerprints linked to their Optimus Cloud Account, user's name will be visible to all Online Acoustic Fingerprint Library users.

2.3.1.9 Optimus:

The AuditStore feature stores the following information (when available) for each of the last 30,000 (approx) measurements made by the Optimus instrument: Start time, Duration, LAeq, LAFMax, LCPeak, LAF10, LAF90 and overload status. It also stores the following information when the instrument is calibrated: Calibration time, level correction, calibration offset, temperature. The Optimus also stores anonymous Graphical User Interface usage statistics.

2.3.1.10 SMS Text Messages:

Mobile phone numbers entered into NoiseTools are only stored in the Optimus Instrument (if configured for sending SMS notifications) and is not stored or used by NoiseTools in any other way.

2.3.1.11 NoiseTools Maps:

NoiseTools Maps allows users to locate their measurements on an interactive map. NoiseTools Maps requires a free license which is linked to an Optimus Cloud Account.

NoiseTools Maps is licensed per user. You are allowed to use it on multiple computers by registering with the same Optimus Cloud Account. Different users on the same PC must register NoiseTools Maps with different Optimus Cloud Accounts.

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