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# User Guide

## SOMO Audio Converter Software Tool

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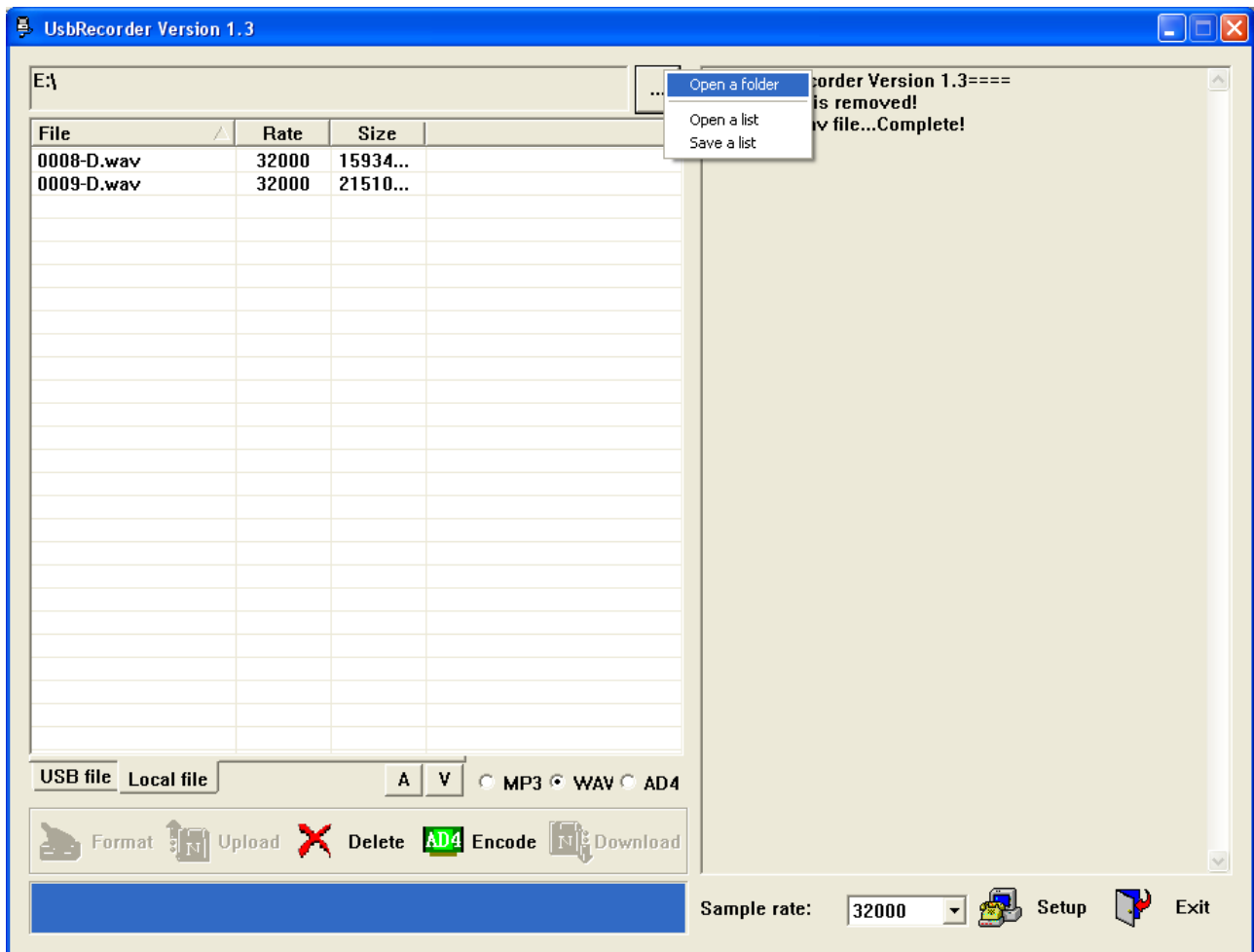
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## Installation

AD4 Converter.exe file can be downloaded from the 4D System's website. Double click the setup file, browse for the location and press install. After completing the installation a dialogue box will open up with caption "Setup V1.40" for Device Driver Install/Uninstall. This step is irrelevant. Click cancel to exit. Now you have a utility to convert an MP3 or WAV file to AD4 format.

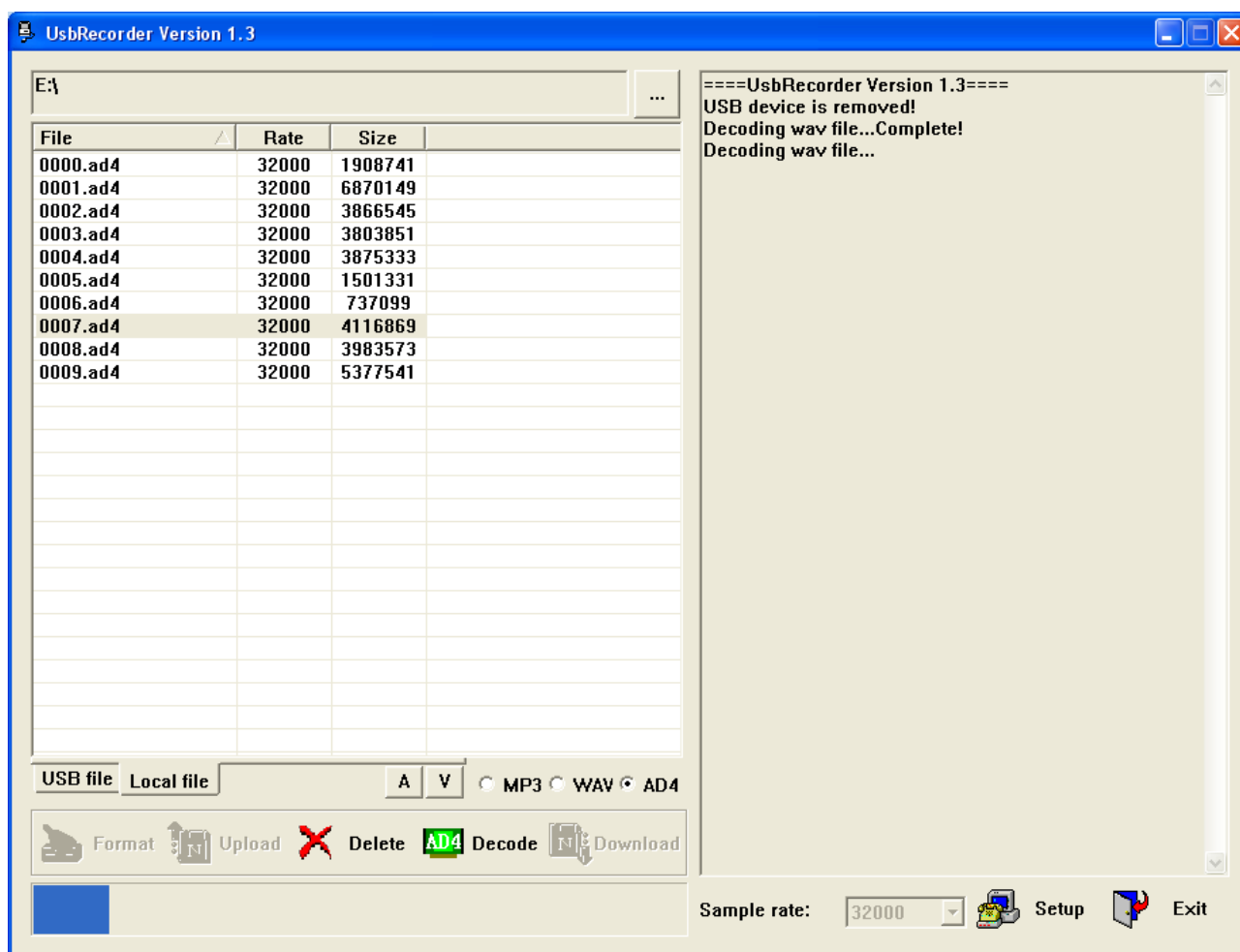
**AD4** is a customized audio format which gives a good audio quality. The audio format is dedicated to the sound processor used in the 4D audio modules.

## File conversion

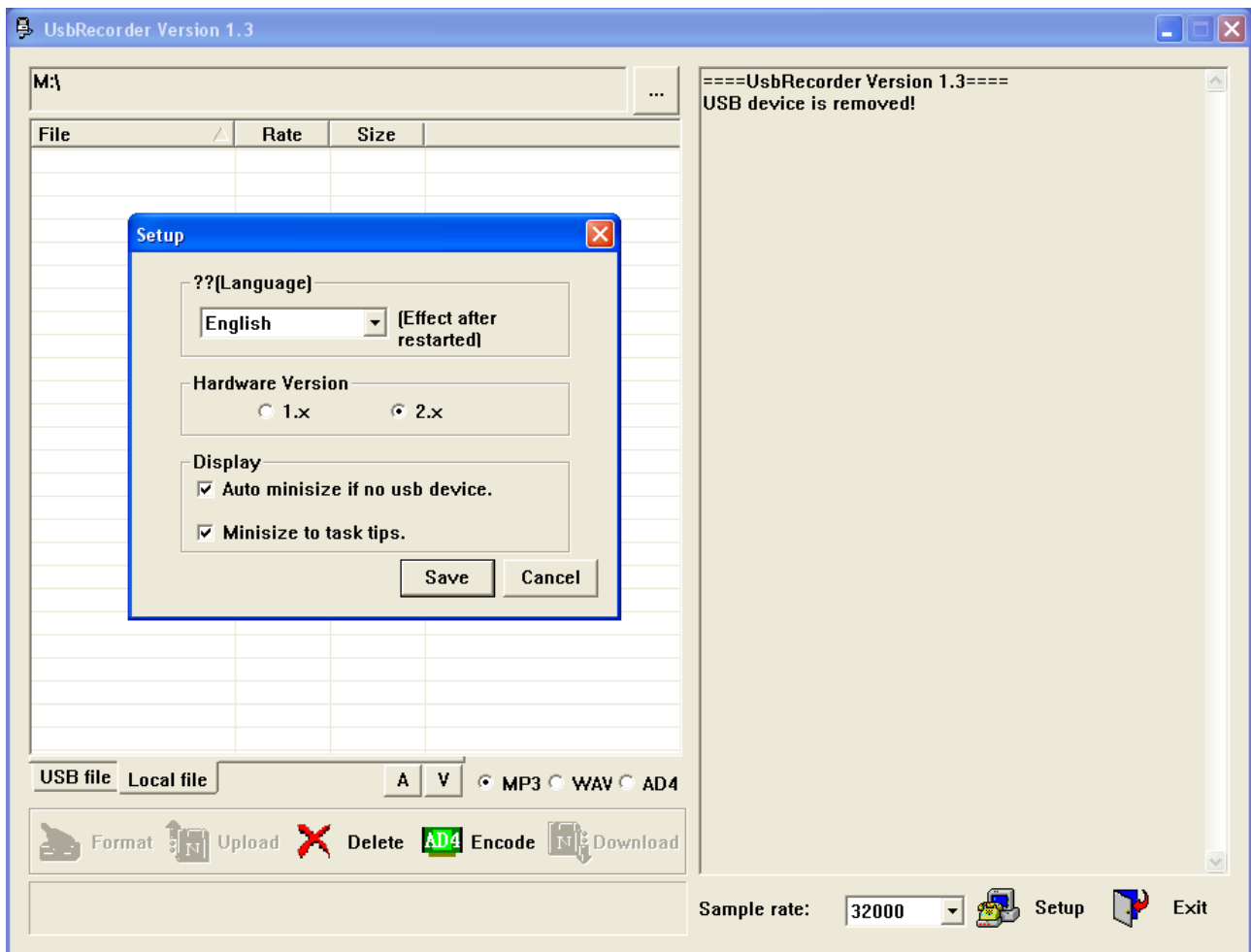


- Converting MP3 or WAV to AD4
  - Run the AD4 Converter.
  - Click on the 'Local file' tab to get the browsing option.
  - Click the Browse button. Select 'Open a folder'. Browse for the folder that contains the audio files to be converted.
  - You can also load a list of audio files by selecting 'Open a list'.
  - Press OK and you will see the list of songs on the screen. Click MP3 to view all the MP3 files, WAV to view the wav files and AD4 to view the AD4 files.
  - Select the file you wish to convert to the ad4 format.
  - Choose the sampling rate from the dropdown box.
  - Press the green button labeled 'AD4 Encode'. The file will be converted and saved with the same file name but with ad4 extension.
  - Now click the AD4 option-button to view the converted file.

- Precautions
  - The maximum supported sample rate is 32K.
  - When you try to select the “Original” sample rate from the combo box, make sure the sample rate of the original file (to be converted) is one of the standard sample rates as listed on the combo box.
  - A file that has a certain sample rate cannot be encoded with a higher sample rate.
  - Avoiding above precautions may sometime even create a file with OKB file size, which will not work.
- The software can also convert AD4 files in to wav files.
  - Click AD4 option-button to view all the AD4 files in the selected folder.
  - Select the file needs to be converted.
  - Click the green button labeled ‘AD4 Decode’ to convert the AD4 file to WAV format.
  - The file will be saved as filename-D.wav.
  - Click WAV option-button to view the converted file.



- General settings
  - Click setup, a new window will popup.
  - Click the language combo box and you can set different languages.
  - The change will take effect after restarting the software.
  - Irrelevant settings
    - ‘Hardware version’ and ‘Display’ settings in the setup window.
    - ‘USB file’ tab in the main window.
    - ‘Format’, ‘Upload’ and ‘Download’ buttons in the main window.
    - ‘A’ and ‘V’ buttons in the main window.



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