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Change Sample Rate

Contents

Change Sample Rate is supplied as a zip file, changerate.zip. When unzipped it should contain:

> ChangeSampleRate.exe
> CT_Pro.dll

and this information file.

Description

Change Sample Rate regenerates a Wave file with a new, user-specified sampling rate. It is particularly intended for restoring 96kHz sampling rate to recordings transferred via S/PDIF to hard disk in half-speed dubbing mode from the Pioneer D-05 and D-07 double-speed DAT recorders.

Note: This is *not* a sampling rate conversion utility. It simply changes the sampling rate specified in the Wave file header. The adjusted Wave file will therefore play fast or slow, according to whether the new sampling rate is higher or lower than the original.

System requirements

Change Sample Rate should run on any Windows 32-bit operating system, from Windows 95 onwards. It has been tested on Windows XP Pro.

To run, the software requires that the supplied CT_Pro.dll be installed in the same directory as the executable. This contains the runtime files of Perfect Sync Inc's Console Tools Pro (http://perfectsync.com) which provides enhanced control over the console window's appearance and function.

Wave files for processing must be WAVE_FORMAT (not WAVE_FORMAT_EXTENSIBLE), PCM, 16-bit, have one or two channels and be in 'canonical' format, *ie* with the sample data in Subchunk2.

Operation

Change Sample Rate's operation is largely self-explanatory. The user is first asked to specify the input Wave file, for which a full path must be entered, *eg* c:\music\track 1.wav. If the file is found, its channel number, sample rate, resolution, length and duration are displayed. The user is then asked to specify the new sampling rate in hertz (*eg* 96000 if the new sampling rate is to be 96kHz) and the name of the output file, which again must be a full path, *eg* c:\music\track 1_96.wav. Alternatively, if you wish to overwrite the original file just press Enter.

Licence

This software may be freely distributed on the condition that it is unaltered and distributed in its entirety, including the supplied DLL and this information file. You use Change Sample Rate at your own risk. No warranty or support is implied or given. If you encounter any bugs or have suggestions for improvements you are invited to email them to freeware@audiosignal.co.uk.

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