

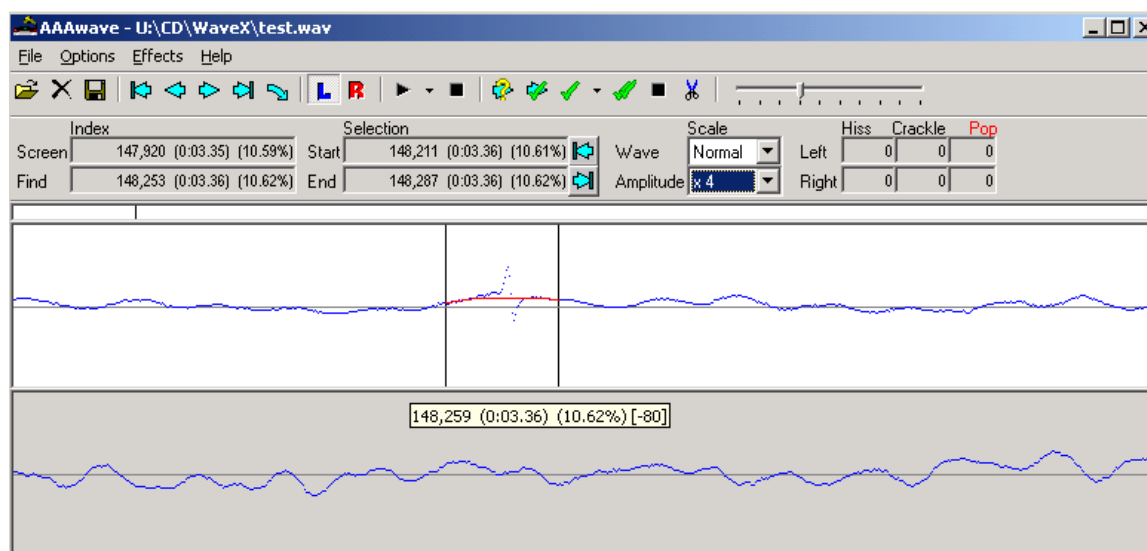


# AAA WAVE

## The Challenge

- ☑ Are you converting your old records and tapes to CD?
- ☑ Having trouble listening to them due to the unwanted noise on the recording?
- ☑ Forgotten how bad the quality of those old records are?
- ☑ Tried to find the old music on CD?
- ☑ Even tried 'remove pop and hiss' options when converting?
- ☑ And you still can't listen to them because of the poor quality of the music?

Well you are not alone. The same happened to me. I have over 200 records and tapes that I just cannot find in the shops on CD. I eventually started converting them to 'wave' files using a leading CD creator with sound editor. It was very useful for recording (it even had a remove pop and hiss option) but its sound editing features left a lot to be desired. So our development team created *AAA Wave*.



## The Features

*AAA Wave* is designed specifically to let you clean up your old records and tapes once converted to digital waveform. It features:

- Easy to use graphical interface
- Corrects noise, does not just remove it
- Batch mode for correcting multiple files
- Includes effects like smoothing and fade
- Customisable correction features
- Keystroke or mouse editing
- Bookmarks and quick selection features
- Comprehensive help

## The Benefits

*AAA Wave* delivers the following key benefits:

- Targeted correction of hiss, crackle and pop means less overall quality loss
- Manual editing of the wave means optimum control of noise removal
- Batch features mean you can leave many files to be converted overnight
- You can choose the features you want to be applied to different music
- Corrects several types of noise such as record static, record click and tape hiss

## Correcting multiple files

The screen shot below shows a typical *AAA Wave* batch processing selection process. You simply select the wave files (from several directories) and add them to your collection. Then you choose the actions you require:

### Correct wave

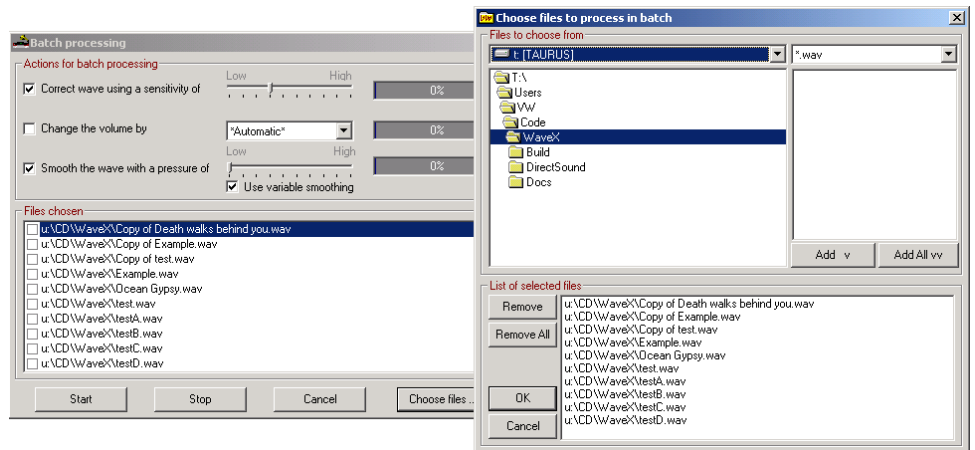
Will perform hiss, crackle and pop correction to the sensitivity you require.

### Change volume

Automatically raises the volume to an optimum level or raises it by a set amount.

### Smooth wave

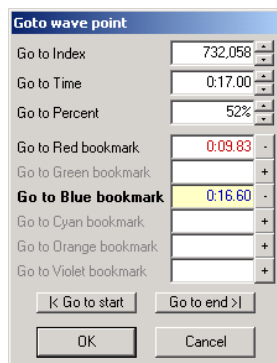
This smoothes the waveform removing tape hiss and cleaning the whole wave.



## Advanced editing facilities

*AAA Wave* allows you to:

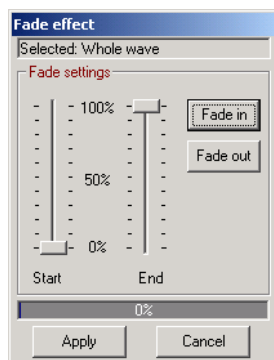
- Set bookmarks
- Go direct to wave points by time, percent or index
- Shows the exact location and value as you move your cursor
- Display in enhanced amplitude to show a clearer wave
- Display in various wave scales
- Show various correction methods



## Effects

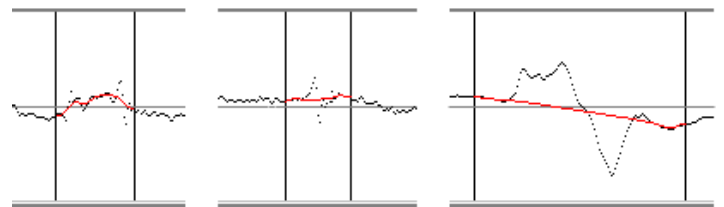
Special effects can be applied to the whole wave or a selected portion. Effects are:

- Smooth wave – squeeze the wave so outlying points are moved inwards
- Change volume – including an automatic volume sensing mechanism
- Fade – fade the wave in, out or special



## Wave correction

Noise is split into 3 types, Hiss, Crackle and Pops. These are corrected in different ways to reduce the likelihood of damaging the waveform.



## The Technology

*AAA Wave* will run on any Microsoft 32 bit operating system such as Windows 95,98,NT,ME,2000 or XP.

It will require a system with a good amount of memory. For speed, the waveform is read into memory, so a 7-minute wave file will require about 70 MB of virtual memory. If this is a problem then the page file size of your system can be increased (if you cannot obtain more memory).

## More information

Visit [www.VirtualWorlds.co.nz](http://www.VirtualWorlds.co.nz) or email us at [Sales@VirtualWorlds.co.nz](mailto:Sales@VirtualWorlds.co.nz)