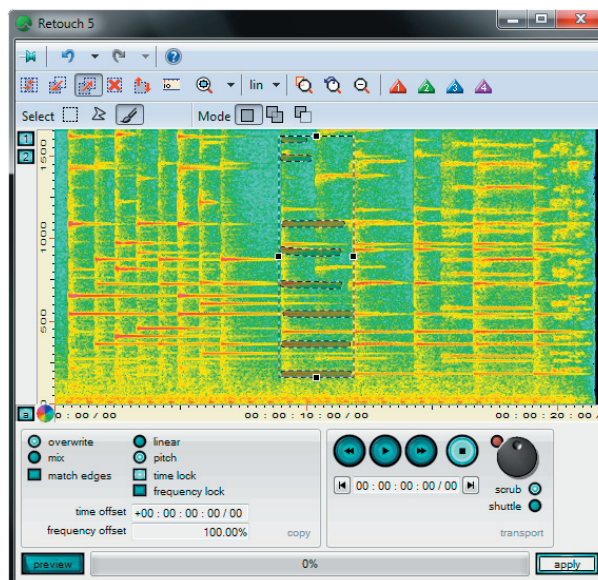




## Removing unwanted noises...

### CAM13: Retouch 5™

Until recently, there was nothing that allowed you to identify and eliminate sounds as varied as coughs, record scuffs, squeaky chairs, page turns, the creak of a piano pedal, or such things as car horns. Nonetheless, some engineers attempted to use techniques such as severe EQ to remove them. This, in addition to being inappropriate to such short duration problems, introduced ringing. Others used (and misused) harsh compression, editing, and interpolators that affect the whole frequency spectrum, damaging good signal and introducing side-effects such as drop-outs.



### The Solution

Unlike previous restoration tools, CEDAR Retouch 5 provides a wide range of time/frequency editing (TFE™) capabilities, and allows you to define the precise temporal and spectral content of the sound you want to remove. Furthermore, you are not limited to simple, rectangular definitions of sounds: you can mark irregular areas using the types of tools - such as paintbrushes and complex marquees - commonly found in photographic and image manipulation software. Having done so, the interpolation, patch, copy, volume, erase and pitch shifting tools provide huge scope for corrective and creative processing.

Retouch 5 offers a more configurable spectrogram display, the ability to load and process unlimited file lengths, advanced transport capabilities, time markers, and many other improvements over previous versions of Retouch.

**When all else fails... Retouch gives you complete control**