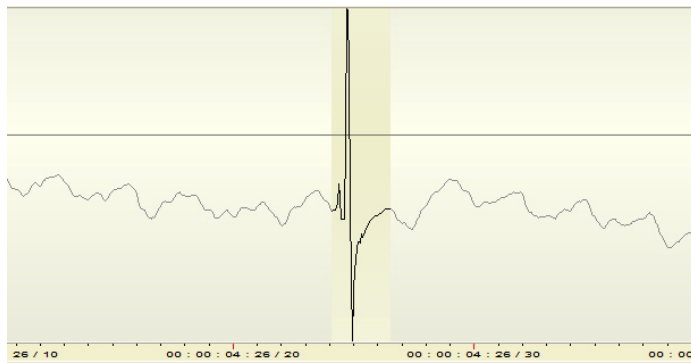




# Removing long clicks & scratches

## CAM15:Manual declick

Extended scratches and clicks are encountered on many audio media - film, tape or disk, whether analogue or digital. It may not be possible to restore these using real-time declickers - which are optimised for high densities of short clicks - because these disturbances are too long for the algorithms to handle.



### The Solution

Manual Declick is ideal for restoring audio that suffers from extended scratches and other disturbances. It allows users to specify the audio that constitutes the unwanted noise, and the algorithm - optimised for long clicks and scratches - will remove noises such as those found on optical soundtracks, as well as drop-outs and extended digital errors. Simply mark the offending signal, and Manual Declick will eliminate the problem.

The maximum scratch length handled is a huge 2,048 samples at 44.1kHz, or 4,096 samples at 96kHz.

**Removing the most difficult scratches and clicks**