

QUICK-START – Cube-Tec DeClipper for Pro Tools™

DeClipper is a VPI for the restoration of digitally clipped audio signals – a result of the input level of the digital recording exceeding the maximum possible level of 0 dB. When this occurs, the signal peaks are cut off, leading to audible and unpleasant distortion.

DeClipper recognizes clipping and removes it up to a length of 400 samples. The program also recognizes and restores cut-off level peaks in signals with a previously lowered level, provided that peak levels are not lower than -12 dB, and that the level arriving at the VPI input is not being changed somewhere between analysis and final processing.



DeCLIPPER

How you should be using DeClipper

- **Load DeClipper.**
- **Set the Level fader to 0 dB and start playing back the audio material.**
DeClipper analyzes the audio material.
- **Watch the Amplitude Distribution and the Decipping indicator.**
Small peaks in the Amplitude Distribution on the right side of the display, and short flashes of the Decipping LED indicate clipping.
- **Having stopped audio playback, lower the Level fader by the value shown in the Restored Peak display.**
This will lower the total level of the recorded audio by the corresponding value and thus create the necessary headroom required for DeClipper to restore the previously cut off peak levels. Rather than moving the Level fader, you can quickly set the Level value by clicking the Level Adjust button.
- **Start audio playback again.**
DeClipper restores the previously clipped signals.