MAWI

EQ-A4k

Manual

INTRODUCTION

Welcome to our outstanding EQ plug-in - the ultimate marriage between analog elegance and digital precision. Inspired by the distinctive curves and filters of classic analog hardware, we proudly present a tool that takes your sound to a new level.

This plug-in's pristine decramped filters bring you the authentic character of analog circuitry without any distortion. With 4 individually adjustable EQ bands accompanied by 3 high-pass and 3 low-pass filters, you have full control over the sound of your recordings.

We understand the importance of a seamless workflow. That's why we offer a low CPU load and 0 latency, making our plug-in the ideal choice for recording and mixing. It's also indispensable for mastering: no noise, no harmonic distortion - just pure clarity.

Our responsive, freely scalable GUI is designed to enrich your creative processes. Sample-accurate automation allows the finest adjustments, while the automatic bypass function conserves your computer's CPU during playback pauses.

Another highlight is the open source code of our plug-in. This allows users to customize the tool according to their individual requirements. Also, no complicated plug-in activations are necessary.

Our plug-in is perfectly optimized and thanks to the powerful JSFX script it is the ideal integration into your REAPER working environment.

Experience the true essence of the analog sound world without compromising on precision. Add depth, warmth and character to your sound - grab our EQ plug-in today and create sound experiences that will be remembered.

The highlight at a glance:

- analog hardware as model
- digital filters without distortion (decramped filters)
- 4 EQ bands, 3 HP and 3 LP filters
- low CPU, 0 latency, optimal for recording
- no noise or harmonic distortion, ideal for mixing and mastering
- attractive GUI, freely scalable
- fully automatable with sample accurate automation
- automatic bypass when playback stops
- open source code, i.e. modifiable
- freeware, no annoying activation
- JSFX is optimally integrated in REAPER

The EQ-A4k is based on a very well-known British analog EQ that has been used for countless productions. Some functions and extensions have been added to the EQ-A4k to make it even more universally applicable.

Features:

- **High pass filter:** white knob on the left. 16 Hz - 4 kHz with 3 buttons. Green light indication is 6 dB/oct, yellow is 12dB/oct, red is 18 dB/oct. No light indication when filter is off.
- **Low frequency EQ section:** black knobs. 30 Hz - 500 Hz. Gain range ± 18 dB. Shelf/Bell switch. Q from 3.5 to 0.35, valid for Bell only.
- **Low medium frequency EQ section:** blue knobs. 100 Hz - 2.5 kHz. Gain range ± 18 dB. Q from 3.5 to 0.35.
- **High medium frequency EQ section:** green knobs. 400 Hz - 10 kHz. ± 18 dB gain range. Q from 3.5 to 0.35.
- **High frequency EQ section:** pink knobs. 1.5 kHz - 16 kHz. ± 18 dB gain range. Shelf/Bell switch. Q from 3.5 to 0.35, valid for Bell only.
- **Low pass filter:** white knob on the right. 300 Hz - 16 kHz with 3 buttons. Green light indication is 6 dB/oct, yellow is 12dB/oct, red is 18 dB/oct. No light indication when filter is off.
- **Phase (∅):** inverts the phase of the signal.
- **Trim:** red knob. Trims the output level by ± 18 dB.
- **IN:** turns on and off the EQ sections including filters.
- **Menu:** top left. First option to toggle **show tooltip** on and off for all instances in the project. Second option to toggle **sample accurate automation** on and off for this instance. You should only enable sample exact automation if you are automating this instance with an envelope in the Track Control Panel. If this option is enabled, sample exact automation will be applied during playback and rendering, no matter how large the block size is set.
  The third option turns the **automatic bypass on playback stop** on and off for all instances in the project. The option is useful if you have many instances in the project, then you can save some CPU consumption in the playback pauses.
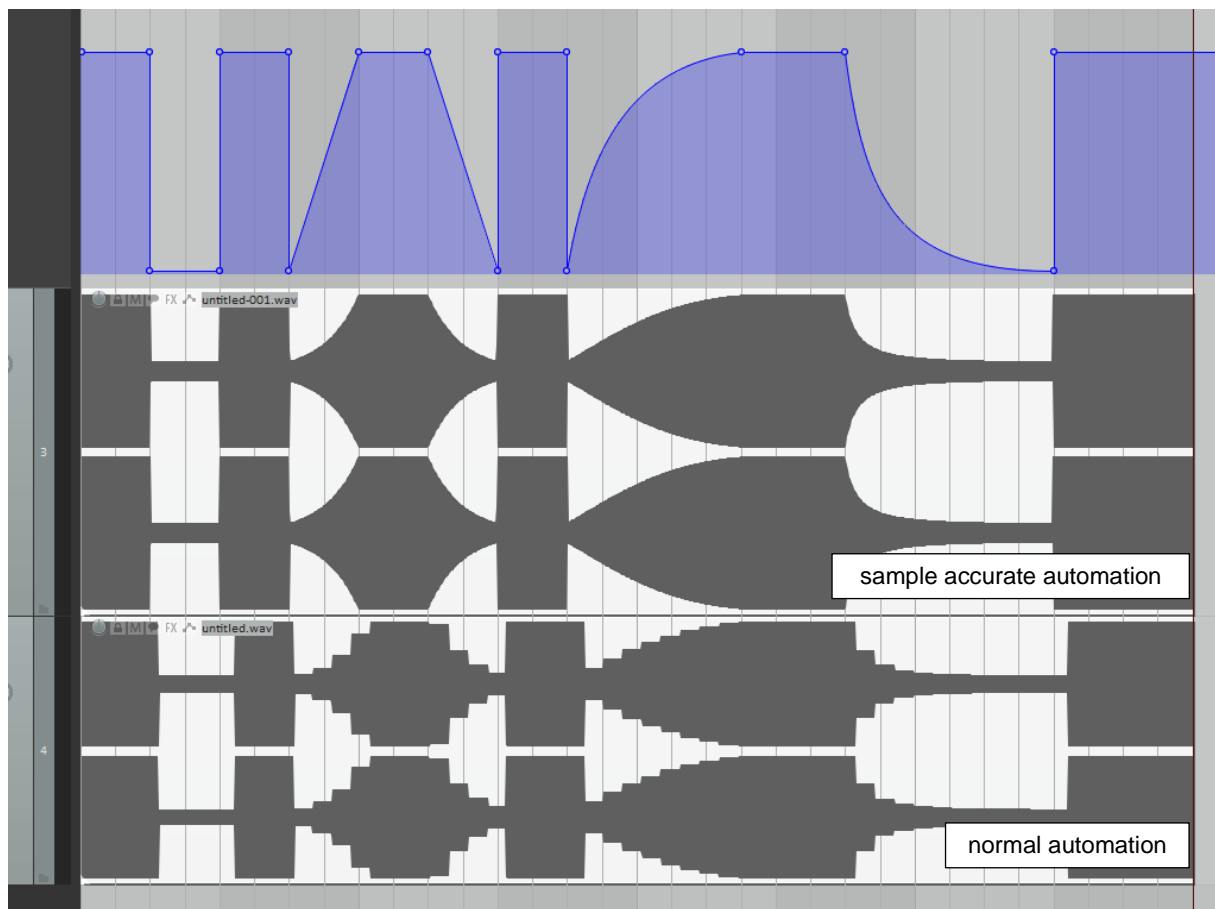- **GUI scaling:** triangle bottom right. GUI freely scalable.

Minimum system requirements:

Monitor with 960x240 pixel resolution,

REAPER v6.82

Attention: this is a JSFX and not a VST, AU or AAX. No Retina support.

Automation comparison

sample accurate automation

normal automation