

# MAWI

## EQ-P3B

### Manual



## INTRODUCTION

Step into the timeless allure of a legendary vintage passive equalizer with our revolutionary digital emulation, EQ-P3B. Meticulously crafted, EQ-P3B captures the essence of a renowned classic, delivering it straight to your digital workspace.

Experience the unmistakable sonic qualities of this vintage gem, all without the need for analog hardware. Infuse your music with a touch of vintage warmth and sonic character, reminiscent of iconic tracks and timeless favorites. From subtle tonal sculpting to dynamic frequency manipulation – the creative possibilities are limitless.

### **Key Features and Highlights:**

**Classic EQ Elegance:** Immerse yourself in the magic of an iconic equalizer, enabling simultaneous frequency boosts and cuts. EQ-P3B adds a distinct sonic signature to your music that echoes the heritage of iconic recordings.

**Vintage Flair:** Our emulation, EQ-P3B, faithfully replicates the rich and harmonically pleasing sound of a bygone era, lending depth and brilliance to your recordings. Embrace the vintage spirit, while still enjoying modern flexibility.

**Precision Sonic Shaping:** Precision is paramount. Tweak subtle nuances or dramatic shifts with EQ-P3B to bring your tracks to life. From gentle tonal tweaks to bold sonic experiments – you're in complete control.

**Versatile Soundscapes:** Whether you're a music producer, sound artist, or podcaster – EQ-P3B unlocks a world of creative opportunities. Transform your projects with a hint of vintage magic.

**Seamless Integration:** EQ-P3B seamlessly integrates into your digital audio workstation, providing the convenience and ease of modern production while offering the timeless character of a vintage classic.

**Learn from the Past:** Gain insights into the techniques of legendary audio engineers by harnessing the power of EQ-P3B, our revered emulation. Elevate your skills by exploring the sonic nuances that shaped the history of music production.

**Effortless Performance:** Experience low CPU usage and zero latency with EQ-P3B, making it perfect for recording scenarios. The elegant GUI is not only attractive but also freely scalable to suit your preferences.

**Total Automation Control:** Enjoy full automation capabilities with sample-accurate precision using EQ-P3B. Achieve meticulous adjustments that breathe life into your mix.

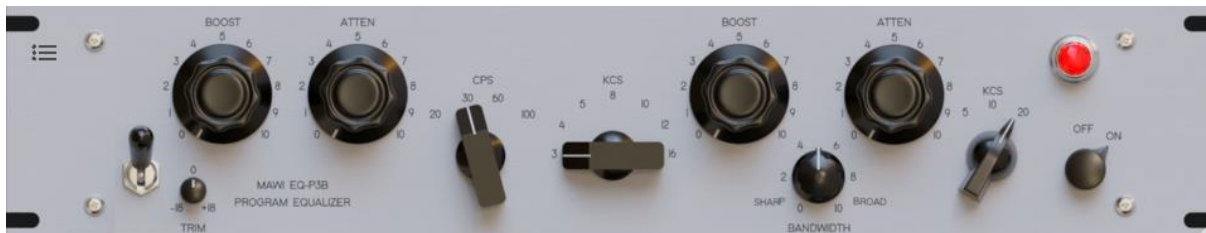
**Intelligent Bypass:** EQ-P3B benefits from automatic bypass during playback or when playback stops, preserving system resources and your creative flow.

**Open Source Flexibility:** EQ-P3B comes with open-source code, allowing you to modify and customize the sound to your exact preferences.

**No Activation Hassles:** Say goodbye to annoying activation hurdles with EQ-P3B. Our emulation is all about the music, not the bureaucracy.

**Reaper Integration Excellence:** Our JSFX script ensures optimal integration in REAPER, enabling you to harness the power of the EQ-P3B vintage passive EQ seamlessly within your preferred environment.

## PRODUCT OVERVIEW



The EQ-P3B is modeled on a legendary passive equalizer developed in the 1950s. It is one of the most appreciated and iconic equalizers in audio production and has had a great influence on the sound design of many music productions. Some functions have been changed to the EQ-P3B to make it even more universally applicable.

Features:

- **IN:** Switches equalization in and out but leaves the analog modeling.
- **Trim:** Trims the EQ level by  $\pm 18$  dB.
- **Low Band Boost:** 0 to 18 dB.
- **Low Band Atten:** 0 to 20 dB.
- **Low Band Frequency (CPS):** 20Hz, 30Hz, 60Hz, 100Hz.
- **Hi Bell Frequency (KCS):** 3kHz, 4kHz, 5kHz, 8kHz, 10kHz, 12kHz, 16kHz.
- **Hi Bell Boost:** 0 to 18 dB.
- **Hi Bell Bandwidth (Q):** 0 to 10. Modified with constant peak gain.
- **High Shelf Atten:** 0 to 20 dB.
- **High Shelf Frequency (Atten Sel):** 5kHz, 10kHz, 20kHz.
- **Power:** Turns the EQ with analog modeling on/off.
- **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. There is another way to auto-bypass the plugin and save CPU. If you activate the option "**Auto-bypass FX that report tail length or have auto-tail set**" in **Project settings->Advanced**, the plugin will be turned off automatically when it receives no audio signal and the GUI is closed. As soon as the plugin receives an audio signal or the GUI is opened, it is automatically switched on.
- **GUI scaling:** Triangle bottom right. GUI freely scalable.

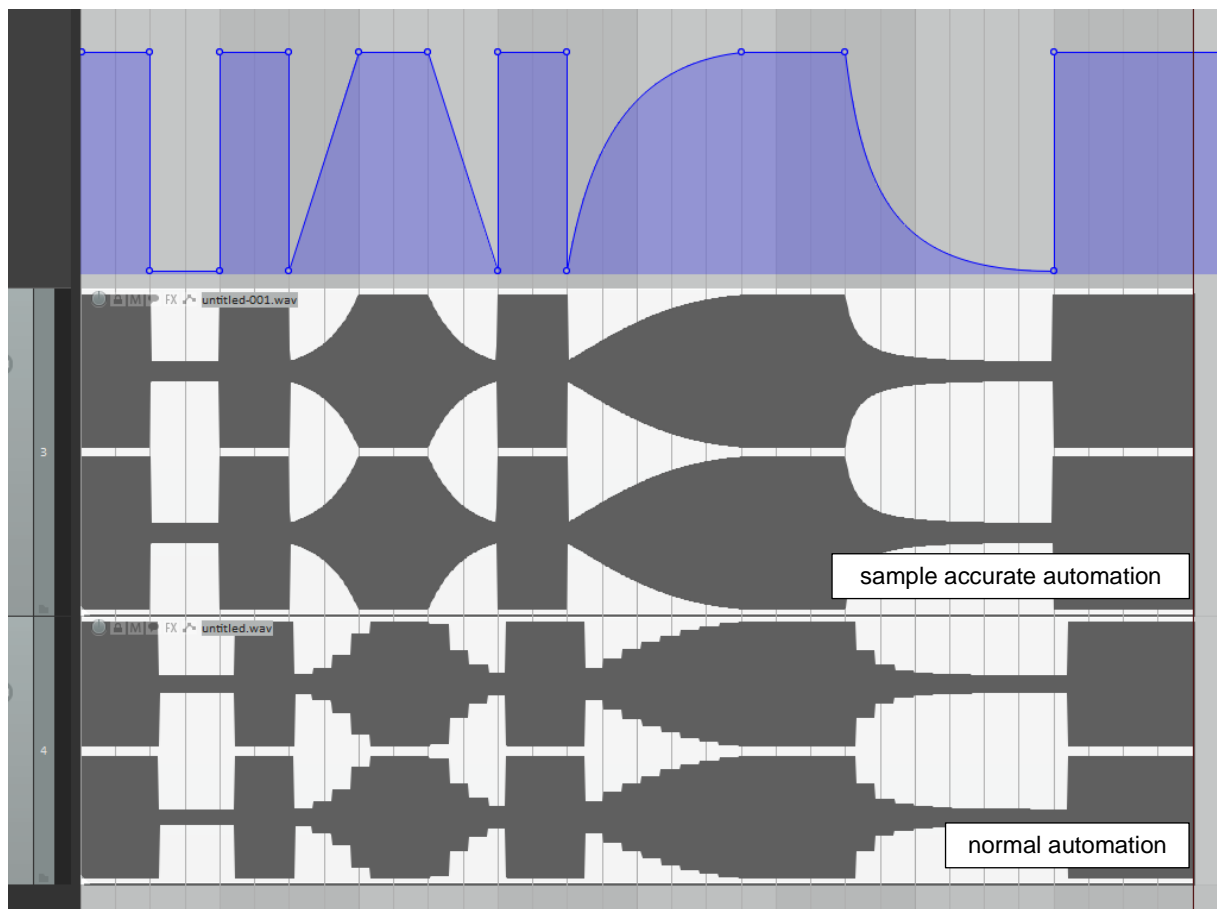
### Minimum system requirements:

Monitor with 960x182 pixel resolution,

REAPER v6.82

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

## Automation comparison



Thanks to Tale, ErBird, Zeno, SaulT, Tukan\_Studios, sai'ke, mrelwood, SonicAnomaly, geraintluff, BellesOndes, witti and all the great JSFX developers I forgot. Thanks also to all who helped me in the forum. I was able to learn quite a lot from you.

If you want to support my work or buy me a coffee, you have the following options.

Paypal: [mawi01@mail.de](mailto:mawi01@mail.de)