



Pulse-EQ

Pultec type tube equalizer

Description

The Pulse-EQ plugin is a digital emulation of the famous Pultec EQ, designed to provide a warm, analogue sound. This plugin offers precise controls for adjusting different frequency bands, allowing users to shape the audio spectrum in great detail. With its intuitive interface and advanced functionalities, the Pulse-EQ is an essential tool for professional audio production.

Parameters

1. **LSF (Hz)** : Controls the cut-off frequency of the low-pass filter. Available options: 20 Hz, 30 Hz, 60 Hz, 100 Hz.
2. **Boost** : Adjusts the level of magnification in the low band selected by LSF. Range: 0 to 10.
3. **Attenuate** : Adjusts the attenuation level in the low band selected by LSF. Range: 0 to 10.
4. **Peak (Hz)** : Selects the center frequency for the parametric EQ. Available options: 3k Hz, 4k Hz, 5k Hz, 8k Hz, 10k Hz, 12k Hz, 16k Hz.
5. **Peak Q** : Controls the bandwidth for the parametric EQ. Range: 0 to 10.
6. **Boost** : Adjusts the magnification level on the band selected by Peak. Range: 0 to 10.
7. **HSF (Hz)** : Controls the cut-off frequency of the high-pass filter. Available options: 5k Hz, 10k Hz, 20k Hz.
8. **Attenuate** : Adjusts the attenuation level in the high band selected by HSF. Range: 0 to 10.
9. **Output** : Adjusts the overall output level of the plugin. Range: 0 to 10.
10. **Bypass** : Enables or disables the plugin's effect. Options: On, Bypass.

In the Menu

- **Processing** : Sets up processing during playback, recording, and stopping.
- **Groups** : Allows you to group multiple instances of the plugin for joint control.
- **Scaling** - Enables or disables GUI autoscaling.
- **Help** : Displays additional information about using the plugin.

Usage Tips

1. **Using Boost and Attenuate** : Use the Boost and Attenuate controls to shape the pitch of your signal. For example, increasing low frequencies can add body to an instrument, while attenuating them can reduce noise.
2. **Precise Adjustment with Peak Q** : The Peak Q control allows you to fine-tune the band width for the parametric EQ. A higher value will result in a narrower band, which can be useful for eliminating specific resonances.
3. **High Frequency Control with HSF** : Use the HSF control to adjust the high frequencies of your signal. Attenuating these frequencies can help smooth out a bright sound, while increasing them can add clarity.
4. **Output Monitoring** : Adjust the output level with the Output control to avoid distortion and ensure that the final volume is adequate.
5. **Using Bypass** : Use the Bypass option to quickly compare the sound with and without the plug-in effect applied.

Acknowledgments

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Summary

The Pulse-EQ (ReArtist Pro) plugin is an excellent tool for any audio producer looking to shape the spectrum of their signals with precision and quality. Its ability to emulate the behavior of the famous Pultec EQ, along with its intuitive interface and configurable options, make it an ideal choice for pitch corrections, instrument modeling, and general mixing. With this plugin, you can achieve a warm and analog sound in your digital audio productions.