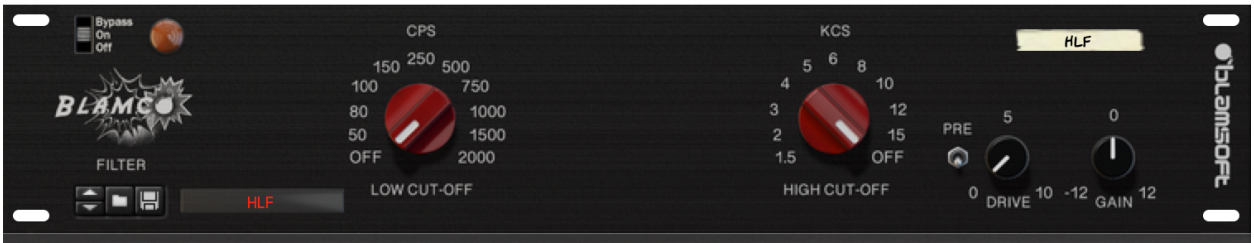
blamsoft



BLAMCO FILTER

1.0.0 User Manual

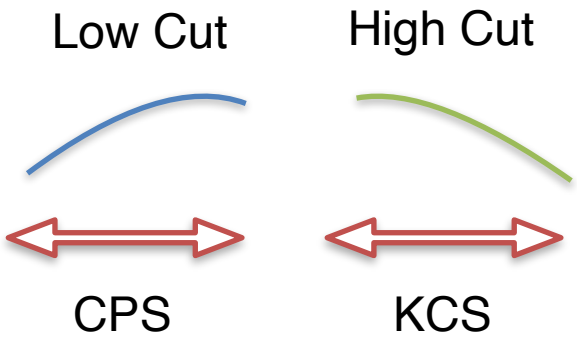
Overview

Blamco Filter is a classic high/low cut filter based on a vintage equalizer hardware unit circuit. It features stepped frequency settings just like the legendary device it emulates. You can subtly remove bass or treble or increase the settings to create a bandpass response. The Blamco Filter algorithm is a true circuit simulation for accurate filtering with an additional modeled tube amplifier nonlinearity not found in the original passive circuit. The drive capability adds adjustable warmth that can be dialed up for authentic growl. You may find yourself applying drive to a track even without any filtering. The filtering characteristic includes interaction between the controls, as the passive components are simulated as one schematic. Legendary devices like the vintage high/low cut filter remain essential for the professional mixing engineer as well as the home studio producer.

Frequency Controls

The low end section allows you to control the lows at various frequencies in the spectrum.

• Low Cut-off - CPS (Cycles Per Second) is the classic name for frequency before the standard name became Hertz. This selector switch controls the cutoff point of the high pass (low cut) filter in Hz.



• High Cut-off - KCS (Kilo Cycles Per Second) is the classic name for frequency before the standard name became Kilohertz. This selector switch controls the cutoff point of the low pass (high cut) filter in kHz.

Drive and Gain

The drive and gain section gives you an opportunity to add warmth and growl to the tone and adjust the final output level.

• Drive - This knob gives a lot of drive to a modeled tube amplifier nonlinearity from the original circuit. For typical EQ use, it is recommended that this be set very low, such as around 2 or below. For overdrive like that of a guitar amp, this can be cranked up.

• Pre switch - The Pre switch controls the signal path, so that when enabled, the drive nonlinearity comes before the equalization filtering. This is most useful for reducing the high frequencies that are added by distortion.

• Gain - This output level of the device can be fine tuned in decibels.

Conclusion

You have read is the user manual for Blamco Filter. It explained its operation in a moderate level of detail. Hopefully, your mixes sound better as a result. If you have questions or comments, you can contact Blamsoft on social media or by email. Contact details are available at https://blamsoft.com/engage. Thank you for purchasing this product.