

B.S Comb Filter

midi controlled comb filter

Welcome to B.S Comb Filter

Thank you for downloading B.S Comb Filter. If you haven't downloaded it yet, feel free to have a look around and discover what is possible with this device. We hope you find this device useful and enjoy it as much as we do. We always love to hear your feedback. If you encounter any bugs, have a question or miss a specific feature, don't hesitate to email bsaudiotools@gmail.com or to use the contact form provided in the help view of every device.



This device is a Max for Live (M4L) plugin, not a VST plugin and as such requires Ableton Live 12 Suite or Standard with a Max for Live license.



B.S Comb Filter was developed and tested using the M4L Version bundled with Ableton 12.1. Some features might not work when using it with an older version of Ableton.

Licensing

By downloading/using/installing B.S Comb Filter you agree that:

- You use this device at your own risk.
- The creator of this device cannot be made responsible for any type of damage or liability that may be caused by this device.
- You are not allowed to sell or redistribute this device or parts of it in any form without the developers explicit permission to do so. If you want to reuse parts of this device in your own software please contact us through one of the channels provided above.

Introduction

B.S Comb Filter is a high quality tuned comb filter that can be used to add harmonic tonality to your sounds. Additionally you can use any midi input to control the tuning of the comb filter and set the amount of feedback and feedforward using the notes velocity. On top of that the visualizer provides you with real time feedback of the changes made to your frequency response.

If you enjoy using B.S Comb Filter it would be highly appreciated if you take the time and rate it on [Gumroad](#) and let your friends know about the amazing tool you just discovered.



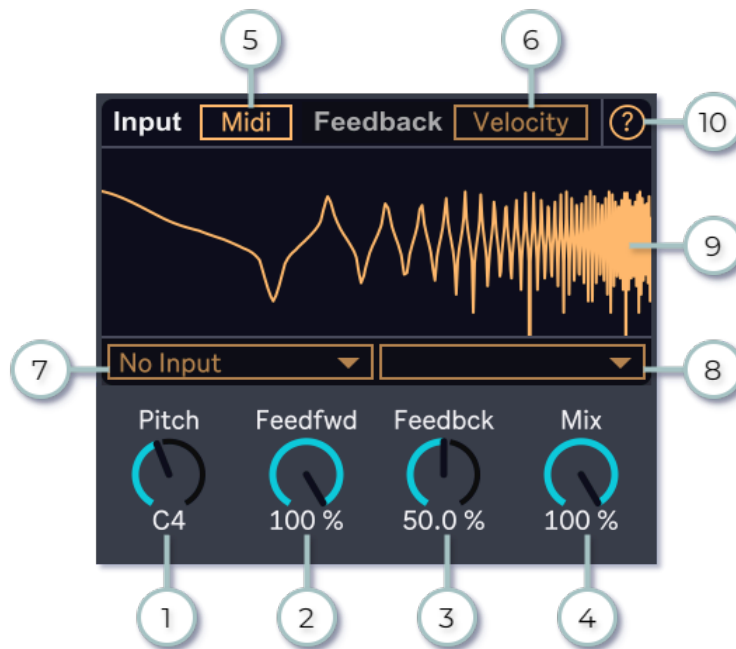
If you don't want to check out the whole manual, the help view in the bottom left corner of Ableton provides some basic information about every control you hover over.

However we still encourage you to read through the manual for some additional information, tips and tricks.

Installation

1. Download the newest version of the .amxd file of the device you purchased from Gumroad. You can always access the file from your [Gumroad library](#).
2. Store the device file at a location Ableton has access to. This can either be inside your Ableton user library or a dedicated folder that you added in your places from Ableton's browser.
3. Search for the device in Ableton's browser and load it either by double-clicking or by dragging it onto a track. Now you're ready to go!

Overview



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Controls

Pitch

Tune the comb filter to a pitch. This control is only active when the input mode is not set to midi.

Feedforward

Increase how much of the signal gets fed forward onto itself. This creates notches in the audio signal giving it character. This usually sounds less sharp and more pleasant than feedback.

Feedback

Increase how much of the signal gets fed back onto itself. This creates peaks that contain a lot of tonality but can become very harsh.

Mix

Mix the filtered signal back in with the original signal.

Input Mode

Set how the filter is tuned. When this control is disabled, the pitch knob is used, otherwise the last note played on the midi device selected in the midi input and midi channel sets the tuning of the comb filter.

Velocity Feedback

When enabled the velocity of the last pressed note scales the amount of feedback and feedforward of the comb filter. The feedback and feedforward at maximum value is set by the feedback and feedforward controls respectively. This option is only used when the midi input is enabled.

Midi Input

Select the midi input for the tuning of the comb filter when using midi input.

Midi Channel

Select the midi channel for the tuning of the comb filter when using midi input.

Visualizer

Visualize the frequency response applied by the comb filter.

Help View

This button opens the help view, which leads you to this manual. Also includes a link to the bug report and contact form, as well as a changelog.