**Blue Cat's Protector 2.2**

**"A brick wall for your master buss."**

https://www.bluecataudio.com/Products/Product\_Protector/

**Price**

99 EUR or $99

**Overview**

Blue Cat's Protector is a 0 dB stereo brickwall limiter with adjustable dynamics response. It will typically find its place on the master bus of your DAW to protect your audio output from overshoot, limit the general volume and improve the perceived loudness, thanks to a very transparent frequency response and its lookahead capabilities. Despite its very simple set of controls, it offers a wide range of sounds and it is also suitable as a track limiter for more creative effects such as distortion, pumping or heavy limiting. Its large colorful peak and RMS meters and its custom dynamics histogram provide premium visual feedback and make it the perfect tool to monitor and control the dynamics on your master buss. You can also check in real time the loudness boost obtained with the limiter. Beyond its powerful dynamics processing features, and like most of our plug-ins, Blue Cat's Protector also offers an original side chain capability thanks to its MIDI CC output. This unique technique not only lets you do side chain limiting but also parameters modulation: control any parameter of any plugin to create powerful side chain effects in real time. If you are looking for a complete dynamics processing solution, you might be interested in the Blue Cat's Dynamics plugin. For multiband limiting and more, check out Blue Cat's MB-5 Dynamix

***Typical applications:****master output protection, master buss limiting, loudness maximizing, peak overshoot monitoring, distortion, clipping.*

**Main Features:**

* 0 dB brickwall peak limiter and waveshaper.
* Optional lookahead.
* Continuous control of the dynamics response from transparent limiting to colorful distortion.
* Stereo link control.
* DC Filter to get rid of DC offset.
* Large zoomable peak and RMS audio levels and gain reduction meters for optimal monitoring.
* Loudness boost monitoring.
* Fully configurable dynamics response histogram.
* Side chaining capability: a unique way to perform side chain compression and much more.
* No latency (except with lookahead).

**Blue Cat Audio Standards:**

* Available as: Mac-AAX, Mac-AU, Mac-VST, Mac-VST3, Win-AAX, Win-VST, Win-VST3, Win x64-AAX, Win x64-VST, Win x64-VST3.
* Native DSP code for optimal performance.
* Full MIDI control and automation support with silent, zipper-free parameters update, advanced response control and MIDI Learn.
* No CPU load on idle: when the plug-in is fed with silence, the processing smoothly shuts down, to optimize the CPU usage of your Digital Audio Workstation.
* Customizable user interface with transparency management and zoom.
* Automation and MIDI output: record output parameters as automation curves or send MIDI CC messages to other plug-ins for powerful side chain effects.
* Smooth Bypass: activate/deactivate the plug-in with absolutely no noise.
* Undo/Redo.
* Full featured integrated presets manager.
* Copy/paste the state of the plug-in between instances using the system clipboard.
* Any sample rate supported.

**Supported Platforms**

Mac-AAX / Mac-AU / Mac-VST / Mac-VST3 / Win-AAX / Win-VST / Win-VST3 / Win x64-AAX / Win x64-VST / Win x64-VST3

**What's New - V2.2**

* Brand new GUI design, with improved usability and touchscreen support.
* The GUI can now be zoomed from 70% to 200%.
* Lock the GUI state to prevent changes when loading presets.
* New lookahead function to reduce distortion when used as a loudness booster.
* Mono tracks support: the plug-in now also works in mono.
* Lock GUI state to prevent changes when loading presets.
* Last loaded preset is now remembered in session and displayed in the presets menu.
* Plug-in state can now be reverted to the last loaded preset.
* Now supports retina displays on Mac (text and graphs using high resolution).
* Mac: new installer.
* Mac: fixed minor [compatibility issues with Mac OS High Sierra and Mojave](https://www.bluecataudio.com/Blog/faq/macos-high-sierra-compatibility/).
* Changed demo limitations: up to 5 instances allowed, bypass time changed to half a second, and bypass parameter is not affected anymore.
* Dropped support for Windows XP and Mac OS X 10.6 and earlier.
* Dropped support for legacy RTAS and DirectX plug-ins formats.
* Fully compatible with previous versions of the plug-in (except for VST3 on Mac, as explained below).

**Warning:** because of a bug of the initial VST3 release, this new version may not work with existing sessions that used the VST3 format. See [this blog post](https://www.bluecataudio.com/Blog/tip-of-the-day/vst3-plugin-id-changes-on-mac/) for more details and how to fix it.

**About Blue Cat Audio**

Blue Cat Audio develops audio software for musicians and audio professionals. The Paris-based company is known for its high-end audio effects and innovative analysis tools that transform digital audio workstations into a professional audio analysis and processing environment. With their comprehensive visual feedback, unlimited connectivity and unequaled flexibility, they are the go-to plug-ins for creative people searching beyond the limits of traditional tools.