

HoRNet AutoGain User Guide



The HoRNet AutoGain is a mixing utility that allows you to drastically cut the time needed for the task of track volume automation.

How does it work?

The plugin has 2 stereo inputs, while in the main one you put the track you want to automate, in the secondary input you put the reference side chain, then let the plugin do its magic. Listening to the level of the reference side chain the plugin will change the gain of the main track to always match the one of the reference, in a natural and smooth way. All the moves made by this automatic analysis can be recorded as automation into your DAW. The default settings of the plugin are a good starting point for vocal automation, the most common task of this type.

Sensitivity



The sensitivity control determines how sensitive is the plugin to changes in the reference control signal, usually the default 100% is fine but it can be lowered for very dynamic signals (a bass track automated by a drum loop for example) or set higher if the reference signal is not hot enough.

Range



The range control allows you to reduce the amount of the gain change that is applied to the main signal upon any change of the reference signal, keep in mind that the plugin will always try to keep the level of the main signal to the level of the reference, this may sometimes result in big jumps of the gain up to 6dB, this may be too much for some application (especially vocal automation) with this control you can keep the amount of gain applied to a more manageable amount.

Speed



The speed control lets you choose the speed at which the gain changes when a change is detected in the reference signal. A low value produces very slow changes and a smoother automation curve, a high value produces very fast changes and a more pumping effect. The default value is a good starting point for vocal automation.

Automation



The automation switch sets the behavior of the plugin with automation, there are three different options:

- **write**: when this option is selected all the gain changes computed by the plugin are written as automation to the DAW
- **read**: when this option is selected any automation written in the DAW is read by the plugin, ignoring any signal in the side chain
- **ignore**: automation is ignored, nothing is written and nothing is read, this is the mode you use while tweaking the plugin to achieve optimal settings.

Level



The level control is not really a control since you can't directly change it from the plugin, it's a visual display of the gain change applied by the plugin to the main signal, the movement of the orange arrow is the same automation that gets recorded to your DAW or read from it.