HoRNet AutoGain Pro

The advanced volume automation and leveling tool

The HoRNet AutoGain Pro improves on our best seller, the HoRNet AutoGain , it borrows the same effective DSP algorithm adding internal reference, peak detection, reverse gain processing and adjustable minimum and maximum gain. Of course all the feature of the original AutoGain are still there, so the AutoGain Pro is the perfect tool for quickly create volume automations and perfect them at their best.

The AutoGain Pro works using an external reference or an internal one, listens to your signal and tries to keep it at the same level of the reference signal, the way it does it it's up to you, you have many parameters to tweak until it reacts perfectly.

Please note:
To have a perfect sync between audio and automation Reaper users should disable "anticipative fx processing" in the preferences

Attack and Release
These knobs determine how fast the processor reacts to changes in the amplitude of the reference signal, they can be linked together

Reference source:
- *internal*: the plugin uses an internal reference determined by the Gain/Level control
- *external*: the plugin uses its auxiliary input as reference signal

HPF and LPF
These knobs control the frequency of a high pass filter and a low pass filter, both with 6dB/Oct slope, acting on the reference signal, they can be useful to restrict the content of the reference only to the desired frequencies

Gate Level:
When the reference source is set to internal only signals above the set gate level trigger the AutoGain processing

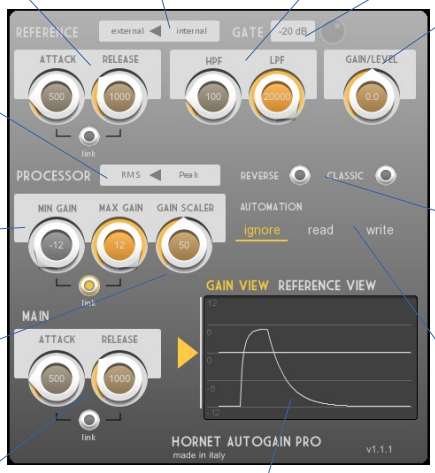
RMS/PEAK selector
If the processor is set to *RMS* the gain change is applied only to the perceived loudness levelresulting in a "smoother" action, if set to *peak* fastchanges in the reference signal produce the same changes in the processed gain

Gain/Level
When the reference source is set to "internal" this knob sets the level of the reference, otherwise it's used to set the gain for the external reference signal

Reverse
When this button is activated the calculated gain is reversed

Min Gain/Max Gain
These knobs allow to set individually the minimum and maximum possible gain change applied, they can be linked together

Classic
Activating this button makes AutoGain Pro behave like the original Autogain



Automation
This switch decides the automation mode:
- *ignore:* no automation is considered and the plugin works on its own
- *read*: the plugin doesnt consider any input signal and simply read any previously recorded automation of the "gain" patameter
- *write:* works like "ignore", but it also send to the host automation data so that it can be recorded

Gain Scaler
Set a proportional scaling of the calculated gain, if set to 50% for example, only 50% of the calculated gain is applied

Attack and Release
These knobs determine how fast the processor reacts to changes in the amplitude of the main signal, they can be linked together

Gain & Reference display
This graphical display shows the level of the computed reference signal (white line) and the resulting processed gain (orange line) over time.