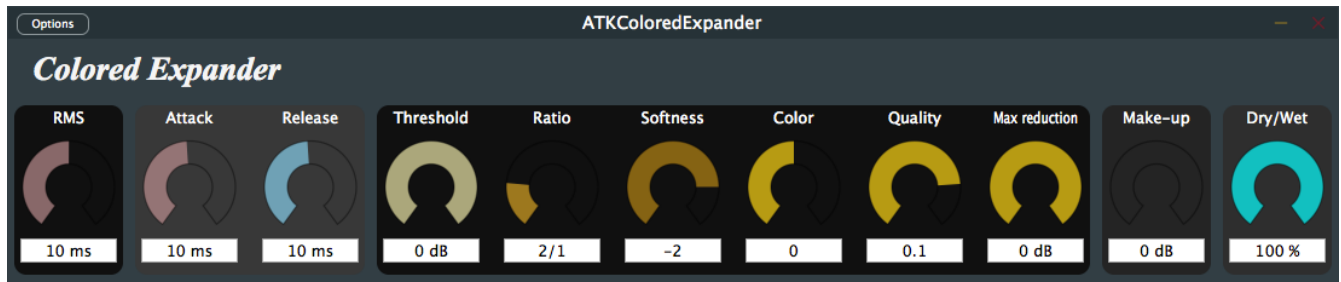# ATKColoredExpander 2.0.0

Matthieu Brucher

ATKColoredExpander is a free Open Source plugin for mono track dynamic compression. It features soft to hard knee, as well as color/quality parameters.

Usage

Here is how the parameters interact with the plugin:

- **RMS** changes the size of the window-like RMS computation. A value of 0 gives peak measurement.

- **Attack** handles the speed at which the attack-release filter increases its detected value

- **Release** handles the speed at which the attack-release filter decreases its detected value

- **Threshold** modifies the threshold before which the expander acts

- **Ratio** modifies the slope of the expansion curve. The higher the ratio, the more the expansion.

- **Softness** is a comprise between soft knee and hard knee

- **Color** changes the behavior around the threshold. A positive color increases the gain above 1, a negative value decreases the gain.

- **Quality** handles the range around the threshold on which the color applies

- **Max reduction** Puts a limit to the reduction

- **Make-up** Allows to increase the expander output volume

- **Dry/Wet** balances the amount of processed signal versus input signal

Bugs

There shouldn't be bugs, but you never know. Please contact me or leave a message on Audio ToolKit web site or on my blog, on the announcement page.