



MELDA production
Limit is only your imagination...

GENERAL MELDAPRODUCTION SOFTWARE INFORMATION

Thank you for purchasing MeldaProduction software!

MeldaProduction provides top-class software and we hope you will be satisfied with it. If you have any problems or ideas, please do not hesitate to contact our support via info@meldaproduct.com .

INSTALLATION & LICENCING

By purchasing MeldaProduction software you have obtained a License key via e-mail. If you did not receive any e-mail, contact our support team using info@meldaproduct.com and they will send you your License number again.

After installing the software License manager will be started. You can also run it later from start menu. In the License manager enter your valid e-mail address (will be considered private) and the License key and click Activate.

If your computer has internet connection, the activation will be performed immediately. If not, you will need to access another machine with internet connection enabled, License manager will guide you through the process.

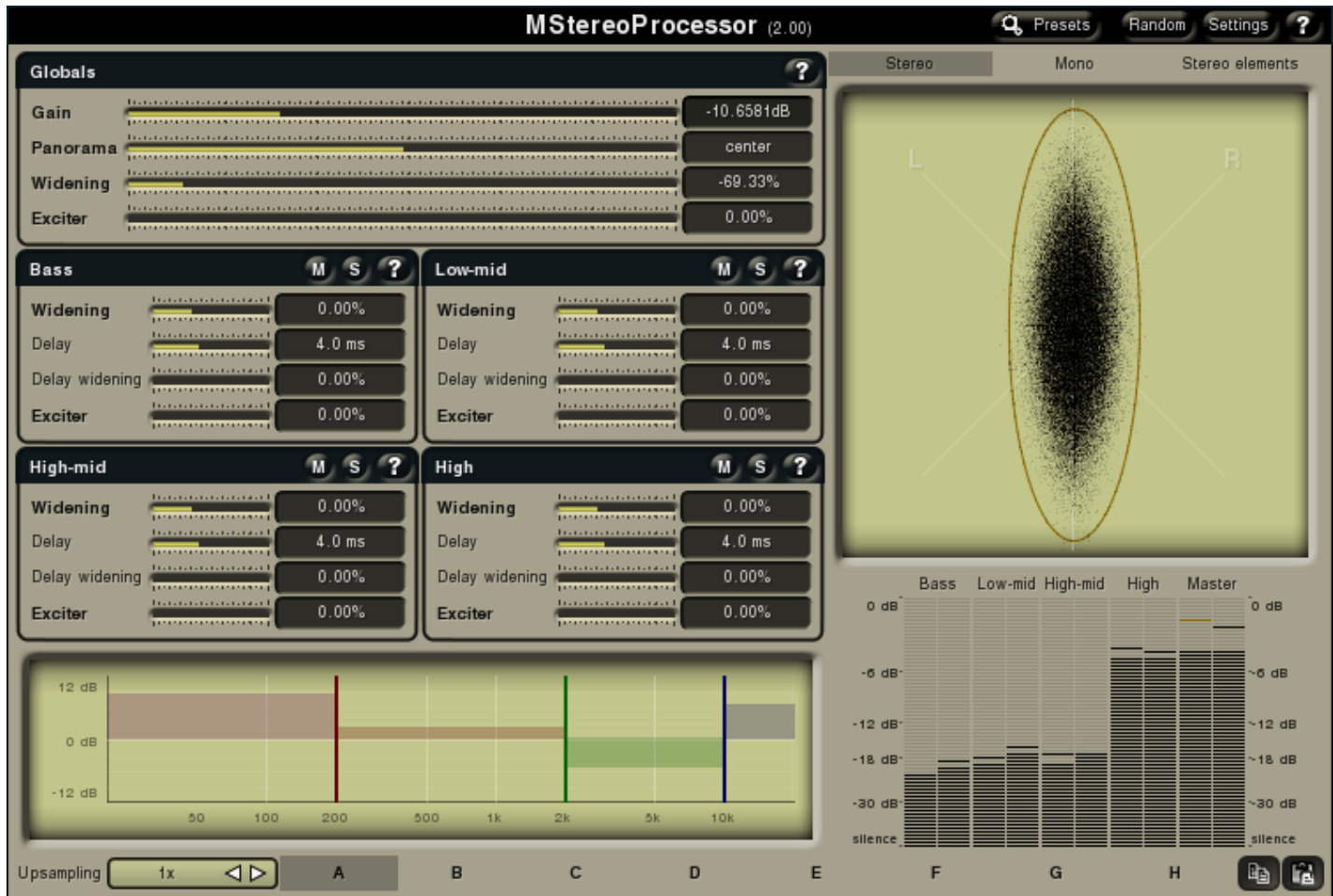
Note that only 2 of your machines are allowed to be activated with a single key. Both computers must be owned by you. If you give the License key to a second person, it will be immediately blocked. If you need to upgrade your computer or transfer the License to another person, contact support. These are unfortunate results of software piracy.

UPDATING

There are 3 methods to ensure your software is always up-to-date:

1. Run Update manager (preferred) from start menu or using "update.cmd" file in the installation directory. It will locate any necessary updates or packages and install them for you. Requires internet connection.
2. Download and run the update installer from our website. This way you can update computers without internet connection.
3. Reinstall the software using the newest installer. It is not necessary to store your software installers, since you can always download new ones, which will in many cases be the newest version. Note that by reinstalling the software some of the files (e.g. presets) can be rewritten.

MELDAPRODUCTION MSTEREOPROCESSOR



OVERVIEW

MStereoProcessor is an advanced multiband stereo analyzer and enhancer.

It is a necessary tool to finish your recordings, which lets you look at and listen to the stereo field and its mono compatibility, ensure your recording is truly placed into the center, and mostly widen, shrink and excite stereo on separate bands.

Using MStereoProcessor you can make your recording sound professional, have necessary depth and space, and sound great anywhere!

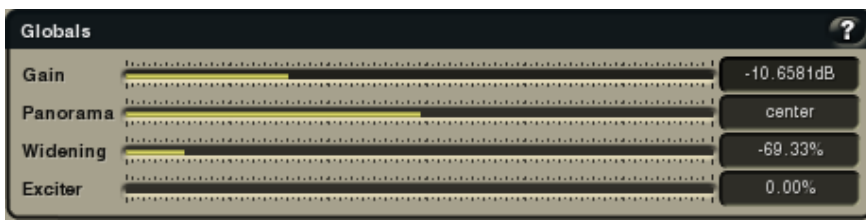
Random caption button

Random caption button generates random settings. Note that some parameters cannot be randomized.

Settings button

Settings button shows menu with additional settings and functions.

GLOBALS PANEL



Globals panel contains general processing properties affecting broad-band.

Gain

Gain defines global gain.

Range: -24.0000dB to 24.0000dB, default 0.0000dB

Panorama

Panorama defines panorama applied on the input..

Range: 100% left to 100% right, default center

Widening

Widening defines broad-band stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field and no new signal is added.

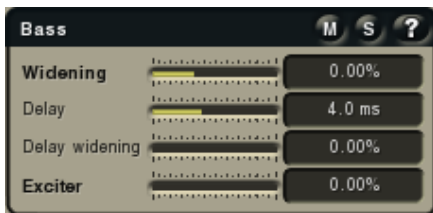
Range: Mono to 200.00%, default 0.00%

Exciter

Exciter defines power of the global exciter, which processes the band signal through a tube-like saturator that can enhance the global clarity and add some upper harmonics.

Range: 0.00% to 100.00%, default 0.00%

BASS



Bass contains properties of processing of particular frequency range.

M button

M button mutes or unmutes the band.

S button

S button solos or unsolos the band.

Widening

Widening defines stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field, no new signal is added.

Range: Mono to 200.00%, default 0.00%

Delay

Delay determines delay time for the secondary widening algorithm. Note that it may generate comb filtering effects similar to flanging or chorus.

Range: 0.000 ms to 10 ms, default 4.0 ms

Widening

Widening defines delayed stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field and no new signal is added. Note that it may generate comb filtering effects similar to flanging or chorus.

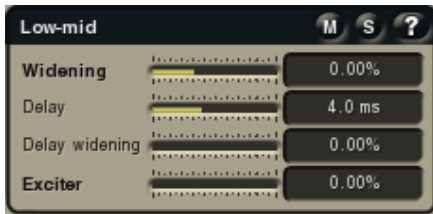
Range: 0.00% to 100.00%, default 0.00%

Exciter

Exciter defines power of the band exciter, which processes the band signal through a tube-like saturator that can enhance the band clarity and add some upper harmonics.

Range: 0.00% to 100.00%, default 0.00%

LOW-MID



Low-mid contains properties of processing of particular frequency range.

M button

M button mutes or unmutes the band.

S button

S button solos or unsolos the band.

Widening

Widening defines stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field, no new signal is added.

Range: Mono to 200.00%, default 0.00%

Delay

Delay determines delay time for the secondary widening algorithm. Note that it may generate comb filtering effects similar to flanging or chorus.

Range: 0.000 ms to 10 ms, default 4.0 ms

Widening

Widening defines delayed stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field and no new signal is added. Note that it may generate comb filtering effects similar to flanging or chorus.

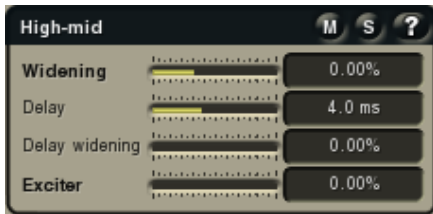
Range: 0.00% to 100.00%, default 0.00%

Exciter

Exciter defines power of the band exciter, which processes the band signal through a tube-like saturator that can enhance the band clarity and add some upper harmonics.

Range: 0.00% to 100.00%, default 0.00%

HIGH-MID



High-mid contains properties of processing of particular frequency range.

M button

M button mutes or unmutes the band.

S button

S button solos or unsolos the band.

Widening

Widening defines stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field, no new signal is added.

Range: Mono to 200.00%, default 0.00%

Delay

Delay determines delay time for the secondary widening algorithm. Note that it may generate comb filtering effects similar to flanging or chorus.

Range: 0.000 ms to 10 ms, default 4.0 ms

Widening

Widening defines delayed stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field and no new signal is added. Note that it may generate comb filtering effects similar to flanging or chorus.

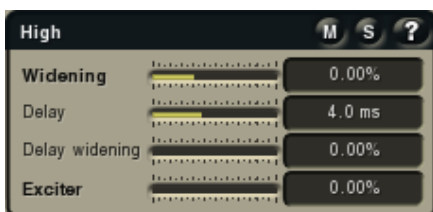
Range: 0.00% to 100.00%, default 0.00%

Exciter

Exciter defines power of the band exciter, which processes the band signal through a tube-like saturator that can enhance the band clarity and add some upper harmonics.

Range: 0.00% to 100.00%, default 0.00%

HIGH



High contains properties of processing of particular frequency range.

M button

M button mutes or unmutes the band.

S button

S button solos or unsolos the band.

Widening

Widening defines stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field, no new signal is added.

Range: Mono to 200.00%, default 0.00%

Delay

Delay determines delay time for the secondary widening algorithm. Note that it may generate comb filtering effects similar to flanging or chorus.

Range: 0.000 ms to 10 ms, default 4.0 ms

Widening

Widening defines delayed stereo field widening depth. The algorithm is fully mono-compatible, it only extends existing stereo field and no new signal is added. Note that it may generate comb filtering effects similar to flanging or chorus.

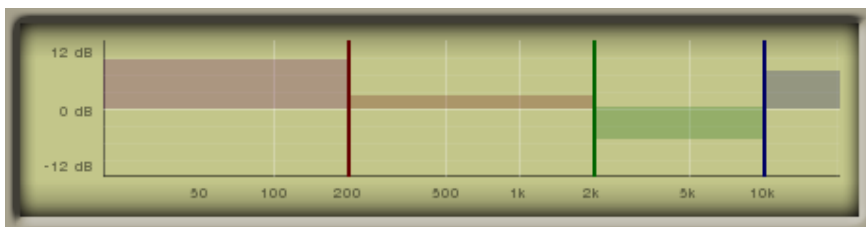
Range: 0.00% to 100.00%, default 0.00%

Exciter

Exciter defines power of the band exciter, which processes the band signal through a tube-like saturator that can enhance the band clarity and add some upper harmonics.

Range: 0.00% to 100.00%, default 0.00%

BAND EDITOR

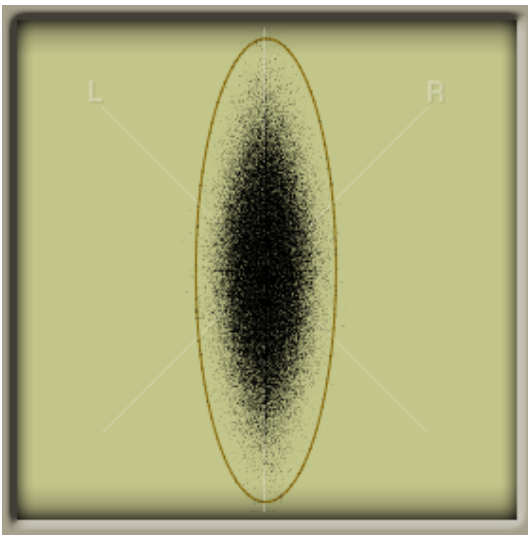


Band editor shows available bands, cross-over frequencies delimiting them, and input gains. Use left mouse button to change cross-overs or input gains. Use right mouse button to add more bands, solo them etc.

Output mode

Output mode lets you check your recording is mono-compatible and also provides a closer look into the stereo field.

PHASE SCOPE



Phase scope shows current phase distribution. Ideal recording is represented by not too thick but not too thin vertical ellipse.

Upsampling

Upsampling can potentially improve sound quality by performing processing at a higher sample rate, which can avoid aliasing. However upsampling has a huge impact on the CPU requirements. For some plug-ins latency may change too, so it might be necessary to save and reopen the project to make latency report correctly. As an alternative you can simply work at higher sampling rates. Upsampling is usually useless when processing in 96 kHz or higher.

Presets selector

Presets selector defines current preset. The plugin can handle multiple presets at once. When you change any parameter, only current preset is modified. All presets are stored in the project. This way you can easily check changes and find the best settings for your case. Preset selection is not automatable.

 button

This button copies current settings to clipboard. Other presets and upsampling settings are not copied.

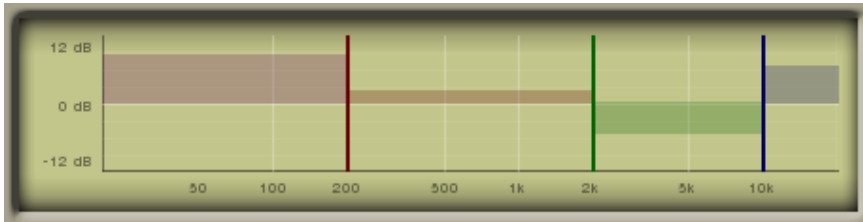
 button

This button pastes settings from clipboard into current preset.

CONTROL SPECIFICATION

Here we will discuss the general properties of all application controls. As a most important rule you should note, that you can always use any question mark button or F1 key with mouse cursor at a specified control to get detailed information about what it does and how to use it. If the F1 key does not work, it is possible that some other application is using it, so please try holding Ctrl, Alt, Shift or any combination.

GRAPH EDITOR



Graph editor will show and edit one or more graphs.

- **Left mouse button** can be used to drag band cross-over frequencies and band output gains. Hold **Ctrl** to get more precision.
- **Right mouse button** resets the output gain for particular band.
- **Mouse wheel** modifies band output gain.

SWITCHER



Switcher is an alternative to tracker or knob controls, but it has only a limited set of values.

- **Left mouse button** shows a menu with list of all possible values. This function might be unavailable in certain cases when the number of possible values is too high.
- **Up** and **down** arrow keys, **buttons** in the control and **mouse-wheel** increase or decrease the value.

TRACKER



Tracker is an alternative to common knob control. However the tracker is typically quite small, easy to use and capable of quite high precision and in most cases provides immediate text or similar representation of value you are editing.

- **Click/drag using left mouse button** to change the value.
- **Right mouse button** selects default value.
- **Mouse wheel**, **arrow keys** and vertical drag using **middle mouse button** or using **left mouse button while holding Ctrl** modifies the value more accurately.
- **Home key** configures minimal possible value, conversely **end key** setups a maximal one.
- **Shift + left mouse button** lets you edit the value as text.