



**MELDA** production  
Limit is only your imagination...

# GENERAL MELDAPRODUCTION SOFTWARE INFORMATION

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## 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](mailto: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.

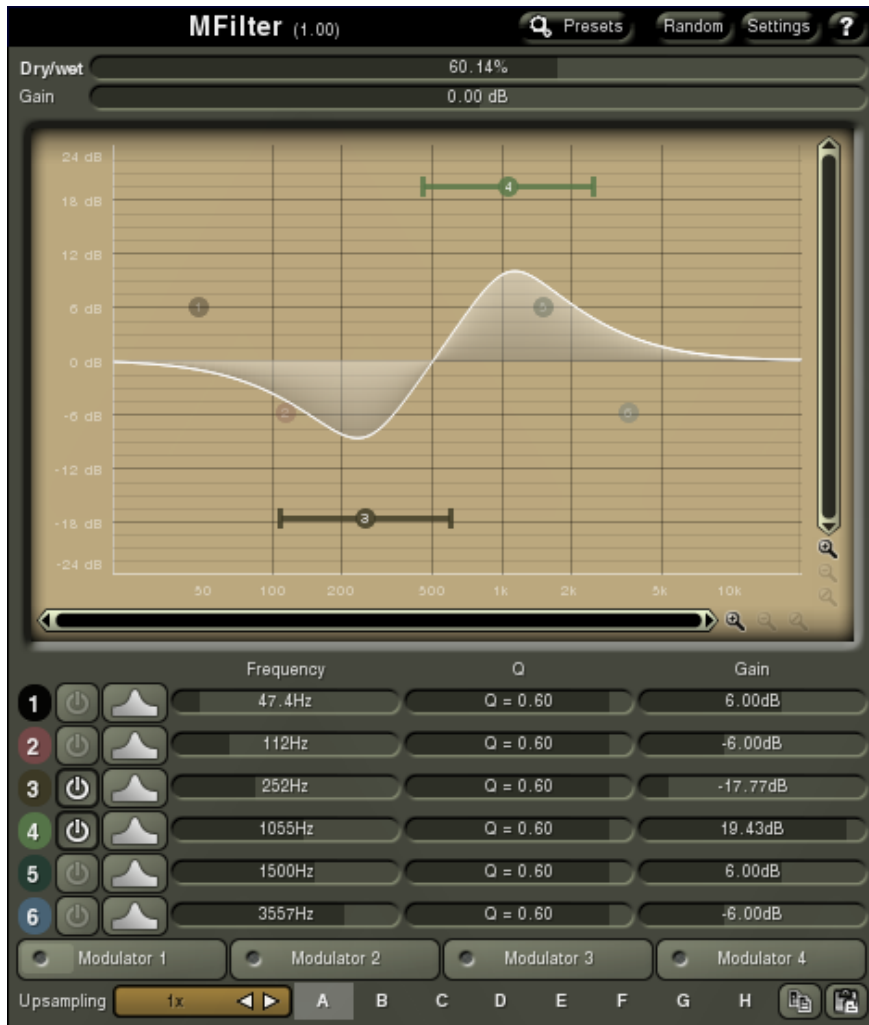
*Note that only 2 of your machines are allowed to be activated with a single key. Both computers must be owned by you. If you give the License key to a second person, it will be immediately blocked. If you need to upgrade your computer or transfer the License to another person, contact support. These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

## UPDATING

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

1. Run Update manager (prefered) 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 MFILTER



## 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.

## Dry/wet

Dry/wet defines ratio between dry and wet signal. 100% means fully processed, 0% means no processing at all. In normal mode only peak and shelf filters are affected correctly, other filters are left at 100% unless the ratio is set to 0%, in which case the equalizer is bypassed.

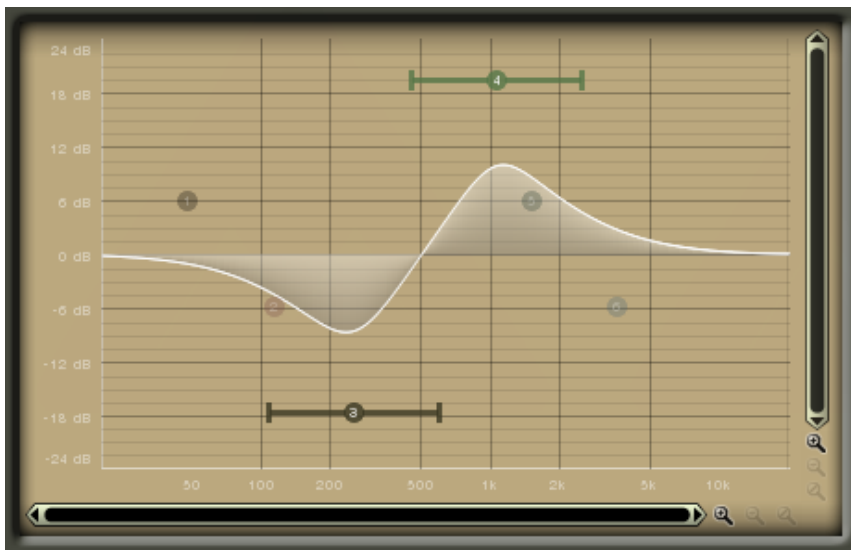
Range: 0.00% to 100.00%, default 100.00%

## Gain

Gain defines output gain applied after the equalization.

Range: -24.00 dB to 24.00 dB, default 0.00 dB

## EQUALIZER SHAPE GRAPH



Equalizer shape graph defines the frequency response. You can use it to edit each eq band or you can use the separate editors underneath. Double-click on a band point to enable or disable it. Click using the right mouse button on a band point to change its type.

### Modulator 1 button

Modulator 1 button displays settings of the modulator. It also contains checkbox which you can use to enable or disable the modulator.

### Modulator 2 button

Modulator 2 button displays settings of the modulator. It also contains checkbox which you can use to enable or disable the modulator.

### Modulator 3 button

Modulator 3 button displays settings of the modulator. It also contains checkbox which you can use to enable or disable the modulator.

### Modulator 4 button

Modulator 4 button displays settings of the modulator. It also contains checkbox which you can use to enable or disable the modulator.

### 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.

# MODULATOR EDITOR



## Parameter

Parameter defines target parameter being modulated. The set contains all automatable parameters.

## Frequency

Frequency defines modulation speed, thus how quickly is the target value changed.

## VALUE PANEL



Value panel configures how the modulator assigns values to the target parameter.

## Value

Value defines center value of the modulation.

## Depth

Depth defines modulation range, size of the interval from which the values are used. Higher depth causes higher modulation and more audible effect.

## Range mode

Range mode defines from which range are the values taken.

**Up and down** mode makes the values go above and below selected **Value**, which is considered the center. The interval is compressed if necessary. For example, when value is 10% and range 100%, possible outputs are going from 0% to 20%, thus maximal interval around 10%.

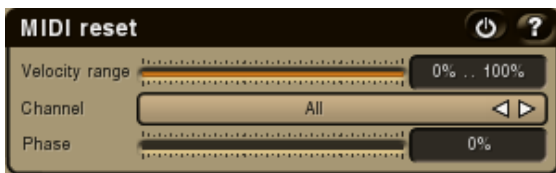
**Full range** is similar, except the interval is never compressed, so the selected value may not be the center anymore. For example, when value is 10% and range 50%, possible outputs are going from 0% to 50%. But if value is 50%, then the interval is from 25% to 75%.

**Up only** is the most simple and it goes from the selected value up only. For example, when value is 10% and range 50%, possible outputs are going from 10% to 60%.

## Invert

Invert checkbox inverts the modulator shape, so minimum becomes maximum etc.

## MIDI RESET PANEL



MIDI reset panel configures MIDI reset feature, which will reset modulator when a MIDI note is received. This way you can make the modulator "in-sync" with your playing. Note that once you enable it, the modulator will not be in phase-sync with the host (tempo will remain synchronized though).

## Velocity range

Velocity range defines velocity range of notes, that would reset the modulator.

## Channel

Channel defines note MIDI channel to reset the modulator.

## Phase

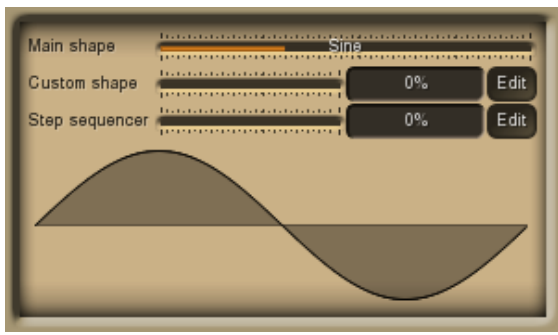
Phase defines initial modulator phase after reset.

## SYNCHRONIZATION



Synchronization panel contains parameters for to-host synchronization.

## SIGNAL GENERATOR



Signal generator defines modulation LFO shape.

# CONTROLLERS PANEL



Controllers panel contains settings of MIDI controllers.

## Enable

Enable enables or disables the controller.

## Parameter

Parameter defines target parameter being controlled. The set contains all automatable parameters.

## Learn

Learn enables or disables MIDI learn.

## Channel

Channel defines controller MIDI channel.

## Controller

Controller defines source controller.

## Value

Value defines center value of the modulation.

## Depth

Depth defines modulation range, size of the interval from which the values are used. Higher depth causes higher modulation and more audible effect.

## Range mode

Range mode defines from which range are the values taken.

**Up and down** mode makes the values go above and below selected **Value**, which is considered the center. The interval is

compressed if necessary. For example, when value is 10% and range 100%, possible outputs are going from 0% to 20%, thus maximal interval around 10%.

**Full range** is similar, except the interval is never compressed, so the selected value may not be the center anymore. For example, when value is 10% and range 50%, possible outputs are going from 0% to 50%. But if value is 50%, then the interval is from 25% to 75%.

**Up only** is the most simple and it goes from the selected value up only. For example, when value is 10% and range 50%, possible outputs are going from 10% to 60%.

## Invert

Invert checkbox inverts the modulator shape, so minimum becomes maximum etc.

## NOTES PANEL



Notes panel contains settings of MIDI note controllers, thus if you want to control parameters using MIDI keys.

## Enable

Enable enables or disables the controller.

## Parameter

Parameter defines target parameter being controlled. The set contains all automatable parameters.

## Channel

Channel defines controller MIDI channel.

## Logarithmic

Logarithmic if logarithmic scale is used which is common for oscillator frequencies, however may not be useful for general parameters.

# 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.

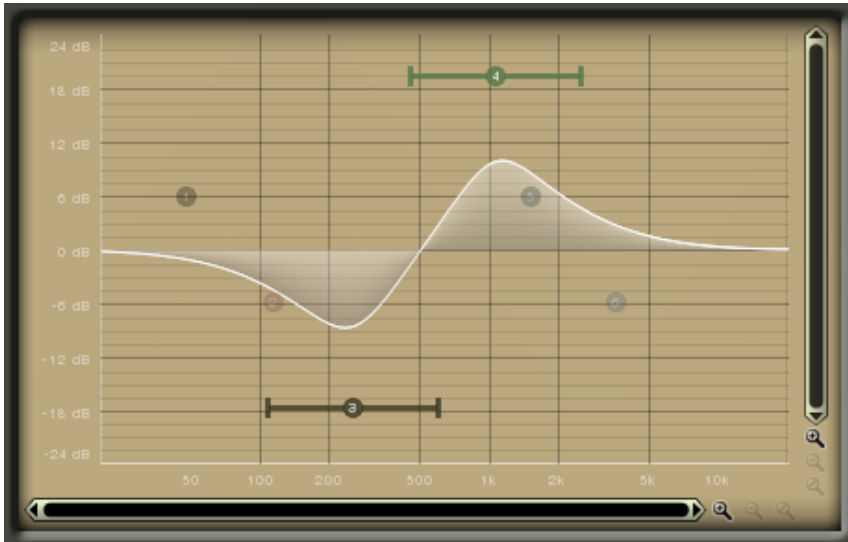
## ZOOMER



Zoomer provides a simple way to zoom and move in an enlargeable view.

- **Plus (+) button** zooms-in.
- **Minus (-) button** zooms-out.
- **Slash (/) button** zooms to default ratio, which typically means full zoom-out.

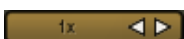
## GRAPH EDITOR



Graph editor will show and edit one or more graphs.

- **Zoomers** below and on the right control zoom and position of the view.
- **Mouse wheel** zooms in or out.
- **Drag a rectangle using the left mouse button while holding Alt** zooms into the selected rectangle if possible.
- **Drag using the left mouse button while holding Alt and Ctrl** to scroll the view. This is not possible when zoomed all the way out.
- **Left mouse button** can be used to drag a *point* or *point width*. Hold **Ctrl** for more accuracy.
- **Left mouse button double-click** enables or disables the point.
- **Mouse wheel** modifies a *point width*. Hold **Ctrl** for more accuracy.
- **Right mouse button** can be used to change filter type of a band.

## 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.