Manual

Powered by RPCX

WELCOME

MasterMagic is a Rack Extension for Reason which you will not want to be without in your virtual mixer Master Section. Just place it in Reasons Master Section and be surprised how much MasterMagic can do for your track! The Mono/Stereo module will tighten the low end while the AIR module adds sheer magic…even if used in small amounts.

Enjoy the magic of MasterMagic!

Rob Papen and the RPCX team, December 2018

MASTERMAGIC OVERVIEW

MasterMagic is a compact Rack Extension with a specific role in the music production process. It contains two sound processing modules: Air and Stereo/Mono. The pictured layout below shows you how to navigate the plug-in.

1	Presets, Bypass and Volume	In this section, you can navigate/save/load Presets and control the Bypass and the Volume.
2	AIR	This Air module is used to enhance the high frequency band.
3	MONO/STEREO	The Mono/Stereo module is used to tighten up the low frequency bands.

AIR

The Air module is a High Shelf Filter with a wide Bandwidth. Its effect is perceived as giving the audio more breathing space or ‘Air’. It works exceptionally well on a mastering channel or to freshen up older recordings.

NOTE: The best location for MasterMagic in the Master section in Reason. You can however use it anywhere in the rack.

By the way, the Air section can also be put to good use when applied to a lead vocal to bring it out in the mix a bit more. The maximum amount is 6dB, but often even a small change can deliver the desired effect.

On/Off Button

Use it to activate the Air function independently of the Stereo/Mono module.

Amount

Amount refers to the gain or amount of air added to your channel. Use the Air icon to hear the difference between the Air settings and the unaffected signal.

TIP: To find the optimal setting for the Air control, start from 0. While the music is playing, gently turn up the control till you feel you have reached the right amount. Next, compare the setting by clicking the Off and On button again.

Frequency

The frequency control sets the center frequency of the Air band. Its range is from 30 kHz to 40 kHz. Remember that Air uses a very wide bandwidth. Even though the center frequency may be out of normal hearing range; the corresponding frequency band is not. When working on a complete mix or for mastering the 40 kHz setting is great. For solo instruments or vocals, you may want to bring down the frequency closer to 30 kHz.

MONO/STEREO SPLIT FILTER

The Mono / Stereo module is a Split Filter and divides the audio signal in two bands by setting a filter frequency. It creates a mono and stereo part base. Typically, low frequencies do not contain much spatial information and are perceived as mono signals. Spatial placement in a stereo image is provided by the higher frequencies. The Split Filter is a great tool for contemporary music in a mix-bus configuration or for mastering. The Mono/Stereo module will tighten up the low end and the overall stereo feel of your track will improve.

On/Off Button

Use it to activate the Mono/Stereo function independently of the Air module.

The signal post-Split Filter consists of two bands that can be processed separately: a lower frequency mono band and a higher frequency stereo band. A click on the Mono / Stereo Split Filter icon turns this section On and Off.

Frequency and Range

The Frequency control sets the frequency of the Mono Filter. The band below this frequency is transformed into a mono-signal. You can set the range of this control using the split range buttons to give you the optimal level of control, based on the material you're working with. It is also possible to set the frequency using a MIDI note, from MIDI note 15 (D#-1) to 127 (G8).

Solo

The Solo switch, when engaged, isolates the low frequency mono band. The Solo feature is helpful in finding the most appropriate Frequency setting.

Mode

The Mode setting determines the way in which the stereo signal is made into a mono signal. The options are:

- Left Channel (only)
- Right Channel (only)
- The sum of the Left and Right Channels averaged (L+R)
- The signal difference between the two channels (L-R)

BACK PANEL

Pressing the computer keyboard Tab key flips the Reason rack to reveal the back panel. The back panel contains program information and the stereo input and stereo output.

Please don’t try to remove the power cord, this might damage your computer screen and note that we use inspiration to power up the plugins!