

# **DEQ Type A**

**v. 1.0**

USER MANUAL

[www.dmaxaudio.com](http://www.dmaxaudio.com)

## DEQ Type A

DEQ Type A is 10 – band graphic linear-phase stereo equalizer. It can be used for processing of either music mix or separate instrument tracks. Because of its distinctive sound it is best suitable for mastering purposes. Supports sample rates up to 192kHz.

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### SYSTEM REQUIREMENTS:

- PC: Windows XP/Vista/7  
VST-compatible host
- MAC: MAC OSX version 10.4 or later.  
VST-compatible host.

### INSTALLATION:

- PC: Unzip the archived file into the root directory of your computer.  
You will get “\DMAX Audio\” folder. Files for 32-bit OS version are in the “WIN” sub-folder, and the files for the 64-bit OS version are in the WINx64\ folder.  
Depending on your OS architecture find there DEQA.dll and copy it into your plug-in folder.  
Usually the plug-in folder you can find in “\Program Files\Steinberg\Vst Plugin\”.  
Update the plug-in information of your host.
- MAC: Open zip file. Go to the MAC sub-folder. Copy DEQA.vst into the folder  
“Library\Audio\Plug-Ins\VST\”.  
Update the plug-in information of your host.

*VST is registered trademark of Steinberg Media Technologies GmbH.*

## EQUALIZATION FADER



Is intended for attenuation/amplification of sound at the frequency specified above the fader. Frequency bands are labeled in Hz and are true at the following sample rates: 48kHz/96kHz/192kHz. For sample rates 44,1kHz/88kHz it frequency bands will be 8% less. Minimal movement step of a fader is 0.1dB.

You can switch equalization range between +/-3db and +/-12dB.

### FADER RESET

To instantly return the fader into the "0" position, you should hold the "Ctrl" button and click on the fader.



### FADER DEACTIVATION

If you click on the fader holding "Shift" button then the equalization on this frequency will be deactivated, but the fader will keep its position. You may use this option to listen to the equalization effect at this particular frequency. To return to normal mode hold "Shift" and click fader once more.

### SOLO FREQUENCY

If you click on the fader holding "Alt" button then only the frequency indicated above the fader will remain. All other frequency bands will be muted. To return to normal mode hold "Alt" and click fader once more.

### KEYBOARD DATA INPUT



Under each fader there is an indicator window which displays digital value of the fader. You can input it manually from the keyboard. To do this click in the indicator window. If the input value exceeds the fader range, the previous value will remain.

## VOLUME FADER



Is intended to control attenuation/amplification of the signal after the equalization.

The possible range of adjustment of the level of output signal is  $\pm 12\text{dB}$ .

*ATTENTION! Please be careful with typing volume values from the keyboard.*

*Incorrect values may lead to instant volume boost, which MAY DAMAGE BOTH YOUR AUDIO EQUIPMENT AND HEARING!*

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## 3dB/12dB BUTTONS



Are intended to switch equalization range between  $\pm 3\text{dB}$  and  $\pm 12\text{dB}$ . You can switch them at any time.

If after the switching over values of some faders are beyond the current equalization range they will assume the maximal values for the current range.

*ATTENTION! This parameter can not be automated. During automated record please DO NOT switch the ranges for it may result in plug-in malfunction.*

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## LOW CUT BUTTON



Is intended to switch the filters between "low cut" (shelf) or "bell" filters at 35Hz.

If the button is pressed then the "shelf" filter will be on.

## BYPASS BUTTON



Is intended to switch off the equalizer. As the algorithm of the equalizer uses the internal signal delay, it is better to use the bypass of the plug-in than that of the host to avoid possible clicks and other artifacts.

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## INFORMATION INDICATOR



This color of the indicator shows that you are using the demo version of the plug-in.

*ATTENTION! The demo version of the plug-in each minute makes a second – long silence gap*

Please note that the demo version of the plug-in BY NO MEANS can be converted into the commercial one. When you purchase the license you get another file.



This color of the indicator shows that you are using the commercial version of the plug-in.

If clicked, it opens a window with your personal information you submitted during the purchase procedure.