8EQF

user manual

8eqf
USER MANUAL

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Overview

Thank you for choosing 8eqf, Tek'it Audio semi-parametric 8 band equalizer. 8eqf offers selectable bandwidth between narrow and wide, center frequency, gain and bypass parameters on each band.

8eqf comes with MIDI automation support, easy MIDI learn, a preset manager, the possibility to undo your changes and oversampling for clearer sound.

We hope you enjoy this software. Please, take the time to read this manual and learn how to exploit all the feature of 8eqf.

Feature highlights

- ➔ Equalize on 8 band from 20Hz to 20KHz
- ➔ Control the gain, bandwidth and bypass on each band
- ➔ Oversampling x2 for clearer sound
- ➔ Input and output gain control from -∞ to +6dB
- ➔ Full MIDI automation support
- ➔ Easy MIDI learn on all parameters
- ➔ Phase inverter and Effect bypass
- ➔ Works in mono or strereo
- ➔ Support any sample rate
- ➔ Undo your changes to initial patch value
- ➔ Up to 128 user presets per bank
- ➔ No latency

Requirements

This software is a "Virtual Studio Technologies" plug-in (VST), he work only with VST 2 compatible host software or on other host through the use of a VST adapter.

System requirements:

Operating System

- Microsoft® Windows® 7, XP (SP2 or later), or Vista™

CPU

- 1,2GHz or higher with SSE

Memory

- 512 Mb RAM or higher

Graphics

- 800x600 32 bit

Audio

- High quality audio interface with minimum 44kHz samples rates

MIDI

- To use the automation a Host with automation features and for MIDI learn a MIDI interface and an external MIDI control device is required.

Installation

1. Simply run the installer program by double-clicking it, and follow the on-screen instructions.

2. Run your host software and load TKA - 8eqf. Consult your host documentation for information on how to do this.

Using

8eqf can be used in stereo or mono as an insert effect or as send/return effect.

Control Types

While using 8eqf you will find that many parameters have similar controls. Hovering your mouse over controls will bring up a tooltip with its name or description.

Switch

A two position switch, click on it to change the position.

Knobs

To Turn a knob, click it and when dragging upwards to move the knob to the right, dragging downwards to move the knob to the left. You can use hight precision control by using Ctrl+Mouse. Double-click on it, reset it to the initial value of the patch.

In Depth

Eq parameters

Each band have 4 parameters.

Gain

Change the gain of the band from -20 to +20dB.

Frequency

Change the center frequency on each band.

Width

Modifiy the bandwidth from narrow then off to wide then on.

Bypass

Bypass the processing of the band.

Gain

Control the input and output gain within a range of -∞ to +6dB.

Function Switches

Bypass

Bypass all the internal processing. The sound out is the same as the sound in, leaving the sound unaltered.

Phase

Invert the phase of the sound before the amplification stage. Can be very usefull when 8eqp is used on a send/return channel.

Reset

Reset all parameters to their inital patch value. If you change the patch before it does not work, because your changes are automatically saved on “Patch Change”.

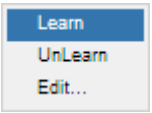
MIDI

8eqf have intregrated MIDI learn and full automation on all parameters.

Integrated MIDI learn

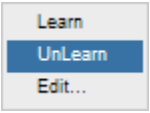
All controls can be controlled by an external MIDI controller easily, simply right click on the parameters you want to control and the Learn popup menu appear.

Learn



Click on Learn, move a control on your MIDI device and it will automatically assigned.

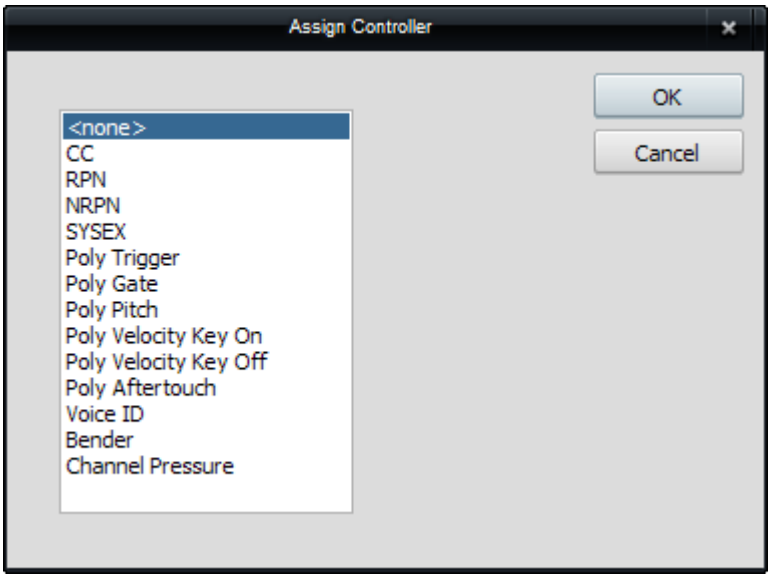
Unlearn



Click on UnLearn will clear the controller.

Edit...

Cilc on Edit will open the Assign Controller dialog. You can change manualy the MIDI controllers.



Automation

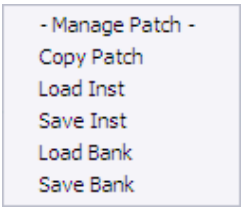
Each controls can be automated using your host automation features. Consult your host documentation for information on how to do this.

Overview of MIDI CC Assignment

MIDI CC	Name	Target	Ignore PC
52		Band 1 - Freq	
53		Band 1 - Gain	
54		Band 1 - Width	
80		Band 1 - Bypass	
55		Band 2 - Freq	
56		Band 2 - Gain	
57		Band 2 - Width	
84		Band 2- Bypass	
58		Band 3 - Freq	
59		Band 3 - Gain	
60		Band 3 - Width	
85		Band 3 - Bypass	
102		Band 4 - Freq	
103		Band 4 - Gain	
104		Band 4 - Width	
86		Band 4- Bypass	
105		Band 5 - Freq	
106		Band 5 - Gain	
107		Band 5 - Width	
87		Band 5 - Bypass	
108		Band 6 - Freq	
109		Band 6 - Gain	
110		Band 6 - Width	
88		Band 6 - Bypass	
111		Band 7 - Freq	

112		Band 7 - Gain	
113		Band 7 - Width	
89		Band 7- Bypass	
114		Band 8 - Freq	
115		Band 8 - Gain	
116		Band 8 - Width	
90		Band 8 - Bypass	
9		Gain - Input	
7	Volume	Gain - Output	
81		Effect - Bypass	Yes
83		Effect - Phase	
82		Effect - Reset	Yes

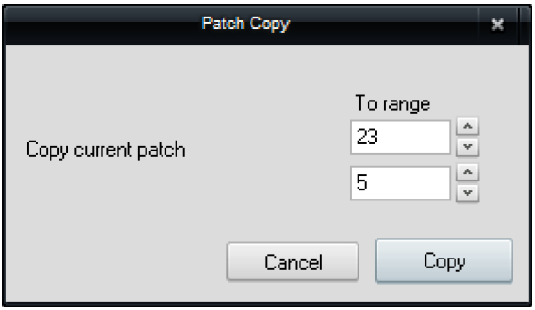
Patch



8eqf have an integrated patch manager.

Click on the folder icon to open the Patch manager popup menu.

Copy Patch



Copy the current patch to another patch or a range of patchs.

Load Inst

Load an instrument (*.fxp) on the current patch

Save Inst

Save the current patch in (*.fxp) file format.

Load Bank

Load an bank (*.fxb).

Save Bank

Save the bank of patchs in a file (*.fxb).

Updates And Support

Updates will be made available at http://audio.tekit-studio.eu/8eqf/

Check the related pages for more information on the updates.

Additionaly you can follow us on Twitter for instant updates and news at

http://twitter.com/TekitAudio

For product support, ideas, complaints, testimonials, sound demo, patchs and anything you feel is worth sharing, please use our contact form at

http://audio.tekit-studio.eu/contact-us/ .

If you prefer, you can contact our team directly by email at

contact@audio.tekit-studio.eu

Other Products

Some products to come or already available.

BADASS
filter distortion effect

Badass filter and distortion, give to your sounds a little bad grain or destroy them completely with the help of distortion effects, filters, lo-fi effect and ring modulator.

KUTTER
frequencies cutter effect

Kutter is a frequency cutter effect. Cuts frequencies on the 12 bands easily and synchronizes the effect on the beat with the 16 steps modulation sequencer.

GENOBASS
monophonic bass synthesizer

Genobazz is a free monophonic bass synthesizer plugin, designed to be simple to use, for all your bass need, from simple bass to acid bassline.

GENOBASS R
monophonic bass synthesizer

Genobazz R is the anniversary edition of our free monophonic bass synthesizer plugin, with more bass, more acid, more fat sound, inside.

8 BAND
parametric equalizer

8eqp is a fully parametric 8 band equalizer with a particularity, a fixed center frequency range. Each band offers Q-factor, gain and center frequency controls.

APC punk console

Virtual re-creation of a popular DIY circuit the Atari Punk Console. APC is a square wave synthesizer that creates fun "low-fi" sound, and comes with users MODs.

Polyphonic superwave synthesizer from tek'it audio.

http://audio.tekit-studio.eu/sp-8/

TEK'IT AUDIO SP-8

Genobazz eXTended, more bass, more fun ! Integrated sequencer, distortions and a lot more to discover...

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GENOBAZZ XT

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Credits

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Manual:
Michaël Dubois

Special Thanks to:
Dutch Stylez (@DutchStylezMusc)

Everyone else who has contributed to the '8eqf' development in any way.

Create, play !

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