



user manual



8eqp

USER MANUAL

Revision 1

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Table of contents

User License Agreement.....	5
Overview.....	7
Feature highlights.....	7
Requirements.....	8
System requirements:.....	8
Installation.....	9
Using.....	10
Control Types.....	10
In Depth.....	11
Eq parameters.....	11
Output Gain.....	11
Function Switches.....	12
MIDI.....	13
Integrated MIDI learn.....	13
Learn.....	13
Unlearn.....	13
Edit.....	14
Automation.....	14
Overview of MIDI CC Assignment.....	15
Preset Manager.....	17
Copy Preset.....	17
Load Preset.....	17
Save Preset.....	17
Load Bank.....	17
Save Bank.....	17
Updates and Support.....	19
Other Products.....	21
Credits.....	23

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Overview

Thank you for choosing 8eqp, Tek'it Audio fully parametric 8 band equalizer. Each band offers Q-factor, gain, bypass and fixed center frequency range controls.

8eqp comes with MIDI automation support, easy MIDI learn, the possibility to undo your changes and oversampling for optimal sound quality.

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

Feature highlights

- ➔ Equalize on 8 band with fixed center frequency range
- ➔ Q, Gain and bypass control on each band
- ➔ Oversampling x2 for optimal sound quality
- ➔ Output and Input gain control from $-\infty$ to +6dB
- ➔ Full MIDI automation support
- ➔ Easy MIDI learn on all parameters
- ➔ Phase inverter and Effect bypass
- ➔ Works in mono or stereo
- ➔ Support any sample rate
- ➔ Undo your changes to initial preset 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 - 8eqp. Consult your host documentation for information on how to do this.

Using



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

Control Types

While using 8eqp you will find that many parameters have similar controls.



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 high precision control by using Ctrl+Mouse. Double-click on it, reset it to the initial value of the preset.

In Depth

Eq parameters

Each band have 3 controlers

Q

Modifiy the bandwith from wide on full left to narrow on full right.

Gain

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

Frequency

Change the center frequency within a fixed range on each band.

Bp

Bypass the processing of the band.

Output Gain

Control the input and output gain within a range of $-\infty$ 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".

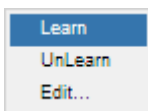
MIDI

8eqp have integrated MIDI learn and full automation on all parameters.

Integrated MIDI learn

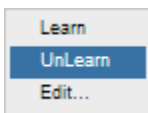
All controls can be controlled by an external MIDI controller easily, simply right click on the parameters you want to control and the Learn popup menu appear.

Learn



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

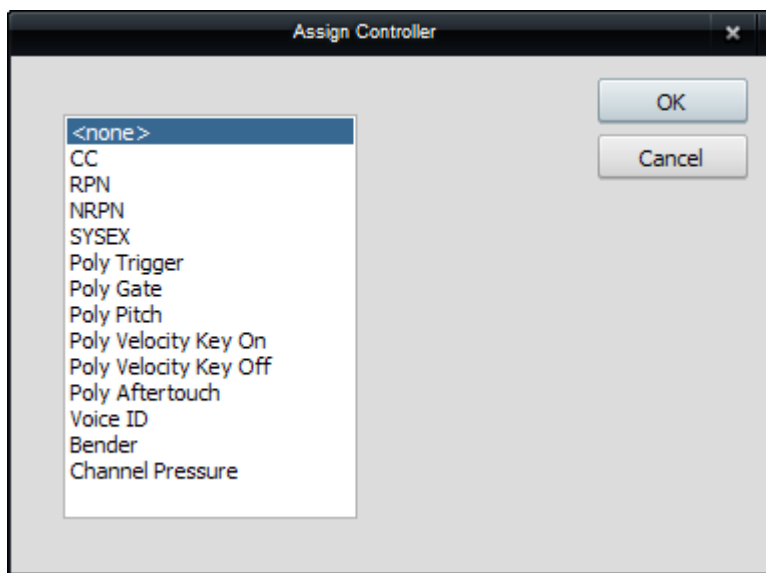
Unlearn



Click on UnLearn will clear the controller.

Edit...

Click on Edit will open the Assign Controller dialog. You can change manually the MIDI controllers.



Automation

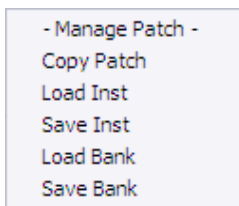
Each controls can be automated using your host automation features. Consult your host documentation for information on how to do this.

Overview of MIDI CC Assignment

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

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

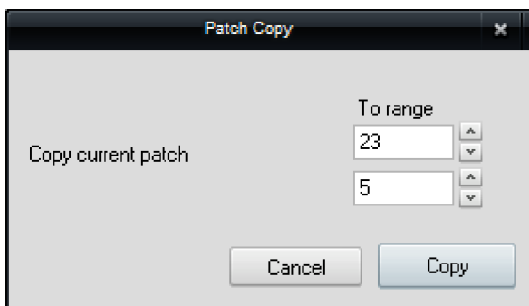
Preset Manager



8eqp have an integrated preset manager.

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

Copy Preset



Copy the current preset to another preset or a range of preset.

Load Preset

Load a preset (*.fxp) on the current preset

Save Preset

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

Load Bank

Load an bank (*.fxb).

Save Bank

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

Updates And Support



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

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



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

8EQF 8 BAND semi-parametric eq



8eqf is a semi-parametric 8 band eq with selectable bandwidth between narrow and wide. Each band offers center frequency, gain, bandwidth and bypass parameters.

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

Produced By Tek'it Studio



Code, design and conception:

Michaël Dubois

Additional Softwares:

Chris Kerry

David Haupt

Daz Disley

Jeff McClintock

GUI Design:

Michaël Dubois

Software Test:

Michaël Dubois

Manual:

Michaël Dubois

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Create, play !



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