



GENOBASS^{PRO}

MONOPHONIC SYNTHESIZER

user manual



Genobazz Pro

USER MANUAL

Revision 3

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All questions concerning this License Agreement shall be directed to:

e-mail: contact@tekit-audio.com

web: <http://tekit-audio.com>

Overview

Thank you for choosing Genobazz Pro, Tek'it Audio's vision of an advanced monophonic bass synthesizer. Genobazz Pro is designed to be as simple to use than Genobazz but with more control over your sound, better filters and a more effective modulation system to create a new range of sound for your music.

We hope you enjoy this software, and create music with him. Please, take the time to read this manual and learn how to exploit all the feature of Genobazz Pro.

Feature highlights

- ▶ 14 Waveforms and 13 Filters.
- ▶ Oscillator modulation envelope.
- ▶ MSEG or LFO on each rotary controllers.
- ▶ Velocity control on almost every parameters.
- ▶ Chorus and bass boost effects.
- ▶ Full MIDI automation support.
- ▶ Easy MIDI learn on all parameters.
- ▶ Note play mode control.
- ▶ Preset manager, rename, copy, save, load...
- ▶ Undo your changes to initial preset value.
- ▶ One click preset randomize.
- ▶ 405 Factory presets.

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. It requires a host that transmit transport and tempo messages to work properly.

System requirements:

Operating System

- Microsoft® Windows® 8, 7, XP (SP2 or later), or Vista™.

CPU

- 1,5 GHz or higher with SSE2.

Memory

- 512 Mb RAM or higher.

Graphics

- 800x600 32 bit.

Audio

- Audio interface with ASIO driver support recommended and 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 TA Genobazz Pro. Consult your host documentation for information on how to do this.



Our un-installer keep your system clean, all the files are deleted and there are no entry left in your Windows registry.

Demo Version

The demo version of Genobazz Pro gives you full functionality, but a nag-screen will pop and the plug-in need to be relaunched after ten minutes.

To avoid this restrictions, you will need to purchase the full version. You can buy a license at <http://tekit-audio.com/shop/>

Using



Control Types

While using Genobazz Pro, you will find that many parameters have similar controls. Hovering your mouse over a control will bring up a tool-tip with its name or description.



Knob

To Turn a knob, click it and when drag upwards to move the knob to the right, drag downwards to move the knob to the left. For high precision control use Ctrl+Mouse. Double-click on it, reset it to the initial value of the preset.



Popup Menu

Appears on a left click or right-click on a text or an icon to select a value.



Selector

Increment and decrement value. Simply left-click on it to change a value.

Screen



To change a value on the screen, simply click on it.

Additionally you can change the waveform and the filter type with the two selectors below.

Preset

Genobazz Pro comes with a default bank of 128 presets, the Genobazz 2 original bank and 3 additional banks for a total of 397 presets.



Preset Change

Change the current preset, left to previous and right to next.



Undo All Changes

Undo all your changes to their initial preset value. If you change the preset before it does not work, because your changes are saved automatically when you switch to another preset.



Randomize

Randomize all parameters except Level and Pan.



Manage Preset And Bank

Open the preset manager pop-up menu.



Copy Preset

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

Load Preset

Load a preset in (*.fxp) file format 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 presets in a file (*.fxb).



Notes

Open a pop-up where you can write the author name of the preset and notes.



Preset Selector

Display a pop-up menu with all the presets in the current bank. Click on one to select it as the current preset.

Current Preset Name

Display the name of the current preset. Click on it to rename the preset.



Bend Range

Click on the number of "Bend Range" to select the maximum MIDI pitch bender range in semitones.



Re-trigger

Re-trigger Envelopes when you hit a note before releasing previous.



Note Priority

Change which note play, when two notes is held. In the sequence example below the red note is the played note.

Wave

Select one of the 14 waveforms available.

Filter

Select one of the 13 different filter types.

Velocity

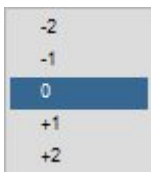


You can change the velocity amount applied on each control excepted the pan from 0% to 100%. Turn it clockwise to make the amount higher.

EXP

Pitch

Change the pitch of the oscillator of +/- 2 octave. The centre position is at 0, turn it clockwise to make the pitch higher and anti-clockwise to make the pitch lower.



Right click on the knob will bring up pop-up menu to directly select an octave.

Glide

Changes the pitch transition between two notes. When turned to the far left, there are no transitions. If turned to the right, the glide time increases, the played note is triggered at the pitch of the previous note, and then gradually glide to his pitch.

FLT

Cutoff

Change the cutoff point of the filter. For low-pass filters, this means that frequencies above the cutoff point are attenuated. For high-pass filters, this means that frequencies lower than the cutoff point are attenuated. For a band-pass filter, frequencies outside a certain range upper and lower than the cut-off point are attenuated.

Reso

Controls the resonance of the filter. The frequencies around the cutoff frequency are raised.

OSC MOD

Module the phase of the oscillator using an envelope.

Depth

Control the depth of the phase modulation.

Decay

Control the decay time, quickest to slowest.

Sustain

Control the level of the sustain from 0% to 100%.

Amount

Control the amount of modulation applied to the oscillator.

ENV

The envelope control the amplitude of the oscillator.

Attack

Control the attack time from 1 millisecond to 1 second.

Decay

Control the decay time from 1 millisecond to 10 seconds.

Sustain

Control the level of the sustain from 0% to 100%.

FX

Genobazz Pro come with two effects useful for bass sound.

Chorus

Control the amount of the two voices chorus from 0% to 100%. This effect add movement and create the impression that multiple voices are played in unison.

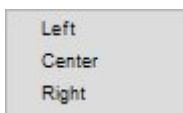
Boost

Control the amount of the bass boost from 0% to 100%. This effect boost bass frequencies when is turned on to give punch to your sound when is needed.

AMP

Pan

Control the panoramic, the knob show you the placement off your sound in the stereo field. Can be reset to centre on double-click.



Right click on the knob will bring up pop-up menu to directly select the panoramic at common position.

Level

Control the output volume. If you turn the knob to high the sound can be distorted.

MODULATION

Each rotary knob come with a modulation system give you the choice to use a Multi-Stage Envelope Generator (MSEG) or an Low Frequency Oscillator (LFO). To open the Modulation pop-up, right click on a knob to open the additional control pop-up menu and click on Modulation.



Modulation Type

Change the type of modulation to 'None', 'MSEG' or 'LFO'.

Mode

Change the playback mode of the MSEG from Free Run, Note Gate (re-trigger on note) or Host Sync (Sync to the host BPM).

Beat

Then in Host Sync mode speed up or slow down the speed of modulation, by dividing the clock from 1/16 of bar to 16.

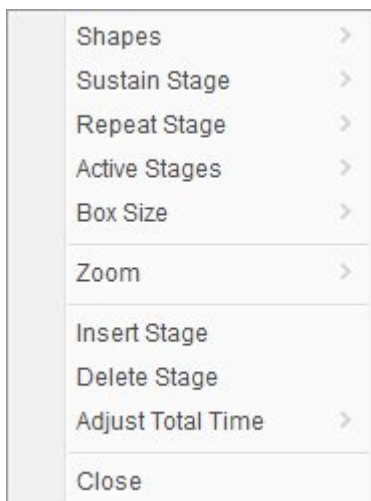
MSEG

The Multi-Stage Envelope Generator (MSEG) can use 32 stages with looping and One-Shot function.



The Stages

Stage times and level are adjusted by dragging the red box. You can use a finer mouse editing resolution by pressing SHIFT(fine) or CTRL(ultra-fine) keys.



Click between the stage markers to open the MSEG options pop-up.

Shapes

Select one of the 14 shapes available for the selected stage. Available shapes: Linear, Exp, Inv.Exp, Exp2, Inv.Exp2, Root, Inv.Root, Exp.Root, Inv.Exp.Root, S_Crv, Inv.S_Crv, S_Crv2, Inv.S_Crv2, Step.

Sustain Stage

Define which stage is the Sustain stage. If both Sustain and Repeat are 'OFF' then the envelope will play through to the end when triggered (One-Shot).

Repeat Stage

Define which stage to repeat from when the Sustain stage is reached. This allows you to create a looping section of the envelope when 'Held'. If Sustain stage is OFF and Repeat From is set, then the envelope will repeat from the End. If Repeat From Stage is 'Start' and Sustain Stage is 'OFF' then the whole envelope will repeat while 'Held'.

Active Stages

Select the number of active stages from 1 to 32.

Box Size

Variable Box sizes to suit your display resolution.

Zoom

Zoom from 100% to 1000% for precise editing.

Insert Stage

Insert a new stage before the selected stage.

Delete Stage

Deleted the selected stage.

Adjust Total Time

Adjust the total envelope time from 10% to 1000%.

LFO



Rate

Control the speed of the LFO from 0.01Hz to 30Hz then not in Host Sync mode.

Phase

Control the phase of the oscillator. Phase acts as Pulse Width for pulse waveforms and as Slew rate (slide) for Rnd2 waveform.

Trigger

Trigger the phase each time a midi note is played.

Delay

Delay the LFO from 0.001 seconde to 10 secondes.

Waveform

Select one of the 24 waveforms available.

Depth

Control the depth of modulation applied from 0% to 100%

MIDI

Genobazz Pro 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 pop-up 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.

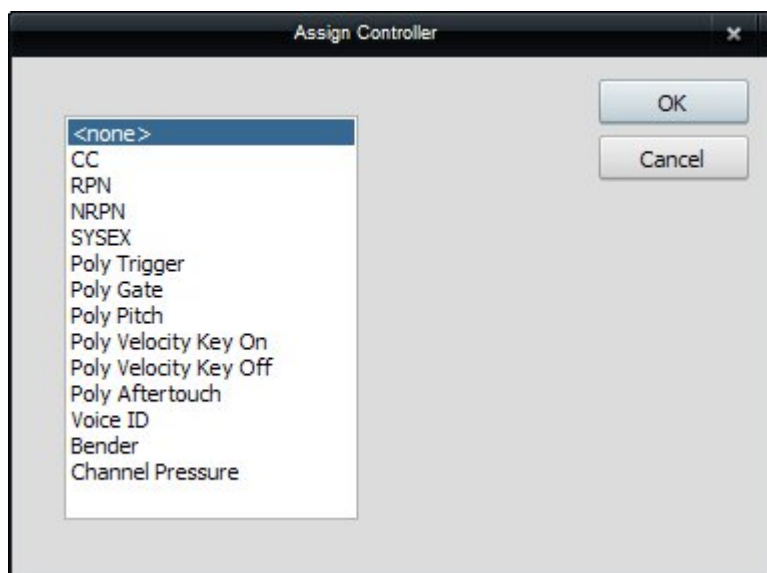


Some hosts (like FL Studio) filters MIDI CC messages coming from MIDI controller, integrated MIDI learn can't work properly in such hosts.

Edit...

Click on Edit will open the Assign Controller dialogue.

You can change manually the MIDI controllers using 7-bit MIDI Continuous Controller or High resolution 14-bit MIDI NRPN and RPN.



Automation

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

Updates and Support



Updates will be made available online on your account at <http://tekkit-audio.com/my-ta/>

When a new update is released you will receive an email to notify you of its availability.



Additionally you can follow us on Twitter for instant updates and news at <http://twitter.com/TekitAudio>



For any help and support consult our online support at <http://tekkit-audio.com/support/>



For ideas, complaints, sound demo, presets and anything you feel is worth sharing, please use our contact form at <http://tekkit-audio.com/contact-us/>

If you prefer, you can contact our team directly by email at contact@tekkit-audio.com

Clothing And Accessories

Show your support to Genobazz!



Hoodie, T-Shirt, Girlie Shirt, Stickers, Hooded Jacket and bag availables!

International:

<http://tekit-audio.spreadshirt.com/>

Europe:

<http://tekit-audio.spreadshirt.fr/>

Other Products



GattR

Sequenced stereo gate



Genobazz 2

Monophonic bass synthesizer



Genobazz R

Monophonic bass synthesizer

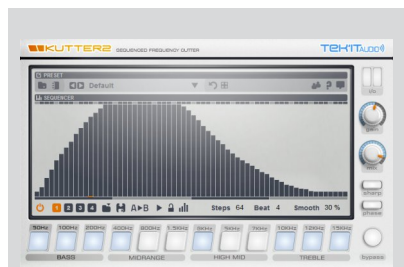


Arp-EG classic
Classic MIDI arpeggiator



Badass 2

Filter and distortion effects



Kutter 2

Sequenced frequency cutter



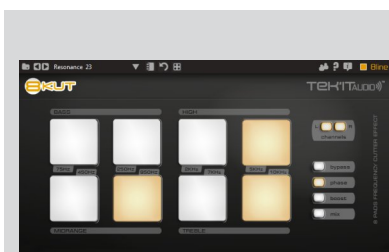
8eqf

8 band semi-parametric equalizer



8eqp

8 band parametric equalizer



8kut

8 pads frequency cutter



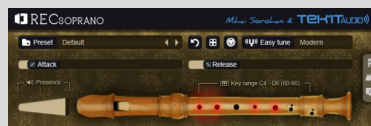
APC

DIY punk console synthesizer



DubSiren

Dub siren synthesizer



RECsoprano

Soprano recorder

Changelog

1.3

- BUG Fixed Modulation Selector send no value for None.
- BUG Fixed Biquad filters resonance response.
- BUG Attack modulation don't receive MIDI note gate, resolved.
- BUG performance options are not correctly saved with preset, resolved.
- BUG Parameters data not needed on Pitch and Pan MSEG, resolved.
- Added semitone controls to pitch.
- Added Zero Delay-Feedback version of the 36dbLP State variable filter.
- OSC Modulation amount can now be negative.
- Improved overall sound quality.
- Added the 8 new preset to the Genobazz 2 bank and improved the other ones.
- Updated all preset banks to handle parameters changes.
- Updated and/or improved some presets in the default bank.
- Unneeded plug-in parameters removed.
- GUI new black knobs and darker background.
- GUI Improved Right click menu on Pitch knob.
- GUI Info screen updated.
- GUI Deleted the Filter word in some filter names.
- User Manual updated.

1.2.1

- BUG Glide Automation fixed.

1.2

- BUG Fixed the saturated filter now sound exactly like on Genobazz 2.
- SSE2 instruction sets requirement.
- Performance options are now saved with the preset.
- Added 12dB BP State Variable filter.
- Added LFO delay.
- Added LFO phase trigger.

Added AbstractCats bank of 128 new presets.
Added Hypnagogia Expansion preset bank.
Improved Default presets bank.
GUI Modified screen colour to gray.
GUI Improved random and Undo icons.
GUI Improved performance options (Bend range, Env re-trigger, Note priority) selector.
GUI Improved LFO section.
GUI Other small improvements.
DEMO the plug-in now work without limitations for 10 minutes.
SETUP Improved Installer and Demo uninstaller.
User Manual updated.

1.1

Bug Pan MSEG can now use his full range.
Bug some animations are not at the right refresh rate resolved.
All MSEG's can now be negative to create inverted envelopes.
Pitch MSEG range is now -4/+4 octaves.
Added 1/3 sync to modulation clock beat.
GUI Modulation animation now use real-time animation instead of bitmap.
GUI Modulation animation begin at knob position.
GUI improved undo and random icons.
Added a new bank of 26 presets from John Finter.
Improved Uninstaller.

Credits

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Michaël Dubois

Product Management

Michaël Dubois

Additional Softwares

Andrew Allen Ainslie

Bowery Engineering Associates

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Daz Disley

Etric van Mayer

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Rick Jelliffe

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Michaël Dubois

Sound Design

AbstractCats

Anthony Bura

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Henrik Veeäär

Joris Dubois

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Michaël Dubois

Demo Materials

Justin O'Quinn

Michaël Dubois

Special Thanks to

All our Facebook followers, the participants to the Genobazz 2 preset contest and everyone else who has contributed to the "Genobazz Pro" development in any way.

Create, play !

