GENOBASS 2

MONOPHONIC BASS SYNTHESIZER

user manual

TEK'IT AUDIO

Genobazz 2

USER MANUAL

Revision 5

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  e-mail: contact@tekit-audio.com
  web: http://tekit-audio.com

Overview

Thank you for choosing Genobazz 2, Tek'it Audio monophonic bass synthesizer. Genobazz 2 is designed to be a simple to use synthesizer, for all your bass line need, from simple sine bass to acid bass-line to complex wobble.

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 2.

Feature highlights

- ► 14 Waveforms and 12 Filters.
- ► 2 Waveforms modulation types.
- ► MSEG on each rotary controllers.
- ► Real knob value display.
- ► Velocity control on 7 parameters.
- ► Sub amplification boost.
- ► 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.
- ► 96 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. 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.

Using

Control Types

While using Genobazz, 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 hight precision control use Ctrl+Mouse. Double-click on it, reset it to the initial value of the preset.

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

Pop-up 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 2 comes with a default bank of 96 presets made by Tek'it Audio, Justin O'Quinn an EDM producer and other designers.

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
Load Preset
Save Preset
Load Bank
Save Bank

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.

Retrigger
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 bellow the red note is the played note.

Wave
Select one of the 14 waveforms available.

Filter
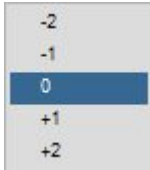Select one of the 12 different filter types

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.

OSC

Pitch

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

-2
-1
0
+1
+2

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

Modul

Module the waveform, from clean to distorted. Click on the switch Mod2 to change the modulation type.

FLT

Cut-off

Change the cut-off point of the filter. For low-pass filters, this means that frequencies above the cut-off point are attenuated. For high-pass filter, this means that frequencies lower than the cut-off 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 cut-off frequency are raised.

ENV

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.
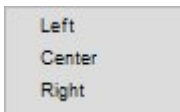
Attack

Control the rate of the attack, quickest to slowest.

AMP

Pan

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

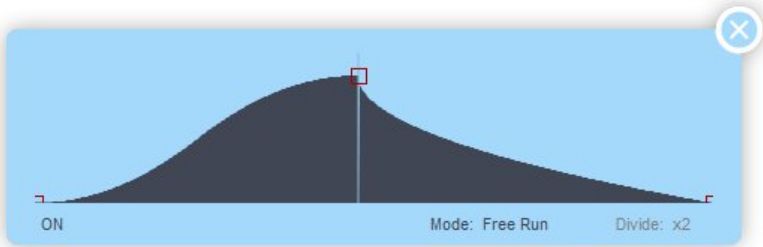Right click on the knob will bring up pop-up menu to directly select the panoramic at common position.

Level

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

Sub Boost

The switch near the level knob, boost certain frequencies when is on and give punch to your sound when is needed.

MSEG

Each knob come with a Multi-Stage Envelope Generator (MSEG) up to 32 stages with looping and One-Shot function. To open the MSEG pop-up, right click on a knob and click on MSEG.

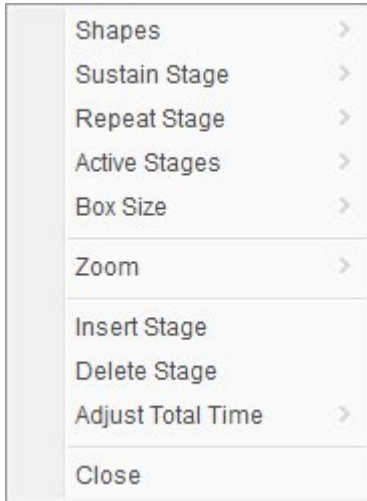### ON/OFF
Change the MSEG active state.

Mode
Change the play mode of the MSEG from Free Run (re-trigger on note) or Sync (Sync to the host BPM).

Beat
Then in Sync mode speed up or slow down the speed of modulation, by dividing the clock from x32 to 64.

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.

Menu	
Shapes	>
Sustain Stage	>
Repeat Stage	>
Active Stages	>
Box Size	>
Zoom	>
Insert Stage	
Delete Stage	
Adjust Total Time	>
Close	

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

Shapes

Select on 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%.

MIDI

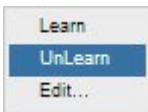Genobazz 2 have an integrated MIDI learn and full automation on all parameters.

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.
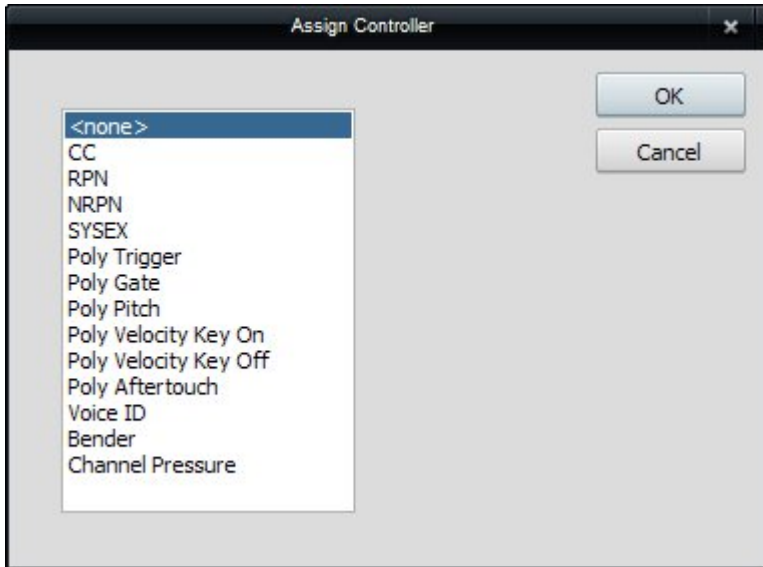
UnLearn

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 at
http://tekit-audio.com/genobazz/

Check the related news for detailed information
on each updates.

Additionaly 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://tekit-audio.com/support/

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

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

Clothing And Accessories

Show your support to Genobazz!

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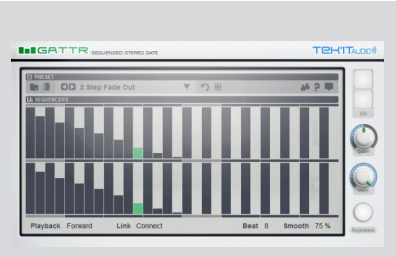Jacket and bag availables!

International:
http://tekit-audio.spreadshirt.com/

Europe:
http://tekit-audio.spreadshirt.fr/

Other Products

Badass 2
Filter and distortion effects
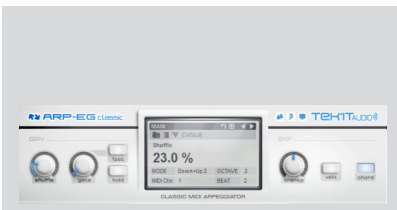

GattR
Sequenced stereo gate

Genobazz R
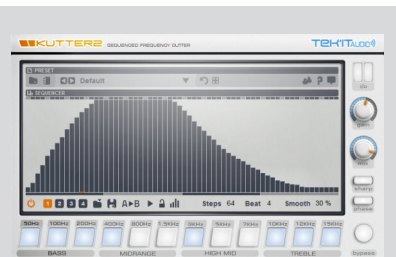Monophonic bass synthesizer

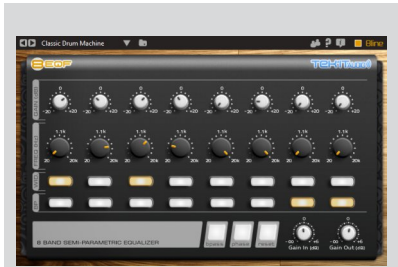**Genobazz Pro**
Monophonic synthesizer

Arp-EG classic
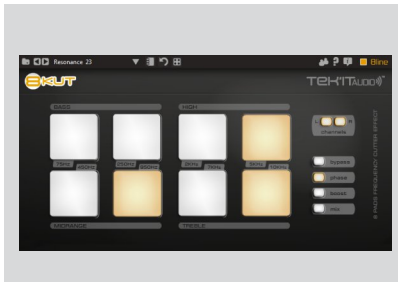Classic MIDI arpeggiator

Kutter 2
Sequenced frequency cutter

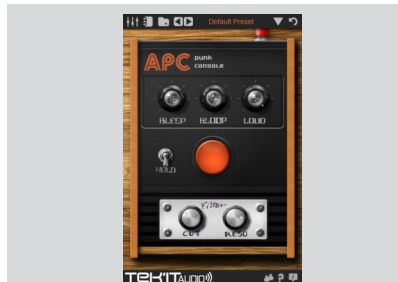### 8eqf
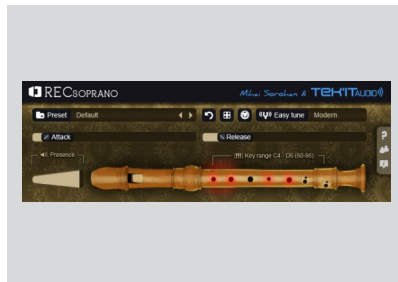8 band semi-parametric equalizer

8eqp
8 band parametric equalizer

8kut
8 pads frequency cutter

APC
DIY punk console synthesizer

DubSiren
Dub siren synthesizer

RECsoprano
Soprano recorder

Changelog

2.4

BUG performance options are not correctly saved with preset, resolved.

Added semitone controls to pitch.

Added Zero Delay-Feedback version of the 36dbLP State variable filter.

Added 8 new preset to the default bank and improved some of the other ones.

Unneeded plug-in parameters removed.

Support URL updated.

GUI Improved Right click menu on Pitch knob.

GUI Info screen updated.

GUI Deleted the Filter word in some filter names.

User Manual updated.

2.3.2

SETUP Uninstall not displayed in Start Menu resolved.

2.3.1

Performance options are now saved with the preset.

GUI Modified screen colour to grey.

GUI Moved info, social and help buttons next to the Tek'it Audio logo.

GUI Improved random and Undo icons.

GUI Improved performance options (Bend range, Env re-trigger, Priority) selector.

GUI updated the info screen.

User Manual updated.

2.3

Reduced SV Bandpass CPU use.

Faster Undo initialization.

SSE2 instruction sets requirement.

Reduced plug-in load time.

GUI minor improvements.

SETUP Windows 8 compatibility layer.

SETUP other minor improvements.

User Manual updated.

2.2

Bug Pan MSEG can now use is full range.

All MSEG can now be negative to create inverted envelopes.

Pitch MSEG range is now -4/+4 octaves.

Added a state variable Band Pass filter.

Added 2 new presets demoing the negative MSEG.

GUI Renamed Sync to Host Sync and Free run to Note Gate to avoid confusion.

GUI Renamed Divide to Beat.

GUI some cosmetic improvements on the MSEG bottom menu.

GUI Added close button on the support screen.

GUI social screen updated.

2.1

Bug on MSEG max/min value for pitch and pan resolved.

Bug on Cut-off frequency used with MSEG on some filters resolved.

Bug some animations are not at the right refresh rate resolved.

GUI Modulation animation now use real-time animation instead of bitmap.

GUI Modulation animation begin at knob position.

Optimization and reduced CPU use on various parts.

GUI new design for bottom screen switch.

GUI new design for social network screen.

10 New sound presets added.

2.0

GUI redesign and bigger.

Added 3 new filters 24 db SVHP, 24db SV saturate, 48db Ladder.

Added 6 new waveforms.

Added MSEG on all rotary controllers (right click pop-up).

Added Preset note pop-up.

Added velocity sensibility controls on all knobs excepted Pan.

GUI added real value view on main screen for all rotary knobs.

Added new presets by Justin O'Quinn.

All bugs on preset manager resolved.

GUI screen font changed.

GUI Bend range moved to main screen.

GUI Random and Undo moved on main screen top-bar.

GUI preset manager screen and screen change system deleted.

GUI Added Social, Help and Info screens.

GUI New knob design, no more fake 3d effect.

GUI small switch using new rectangle design.

Reduced 36db SV filter gain.

URL updated.

Faster OSC modulation attack.

Improved OSC modulation type 2 to create more punchy sound.

Improved Bass boost.

GUI MIDI automation label for randomize and undo changed to "Preset".

Other minor improvements and CPU optimizations.

New user manual.

1.2.3

Bug on MIDI learn for Randomize and Undo resolved.

Optimization and reduced CPU use on various parts.

Setup updated.

1.2.2

Maximum pitch bend range control added.

Panoramic right click pop-up menu control added.

6 new factory presets added.

Bug on MIDI learn for Pitch knob resolved.

GUI next & previous patch sprite updated.

GUI some visual enhancement.

GUI some Hint texts changed.

User manual updated.

Setup English end message updated.

1.2.1

Random on switch and screen parameters added.

Added undo changes on all parameters.

Reduced CPU on SV filter when "Reso" is modulated.

"Modul" knob default CC changed from 77 to 1 Mod wheel.

Bug in Cubase on specific configuration resolved.

GUI bigger click-able zone on the screen.

GUI left click for patch manager pop-up added.

GUI some visual improvements on the screen.

GUI some Hint texts changed.

Setup added Dutch and Japanese language.

1.2

12dB/oct high-pass filter added.

Sub-boost added.

Pitch pop-up issues fixed.

Patch manager pop-up on the "Patch Edit" screen added.

Clickable zone on "waveform" are now larger.

"3D style" knobs and other improvements on the GUI.

New system for knob parameters, lighter on CPU.

Knob can be reset to patch value on double-click.

Randomize and Reset All knobs added.

Some SSE optimizations added.

Patch instruments and Banks from previous version are no longer compatible.

Revised user manual.

1.1.1

Knobs graphic updated, aliasing reduced.

Minimum system version is now Windows XP service pack 2.

Added 2 new languages to the setup, Hungarian and Polish.

Added new icons to the setup.

Setup file size reduced.

Manual updated.

1.1

Tuning issues fixed (thanks to Frank from pro-sounds.net).

Re-trigger bug fixed.

Glide effect revised.

New modulation mode.

Octave now show on pitch knob indicator.

Change the octave on right click pop-up menu.

Revised patch manager.

Patch can be renamed in the plug-in.

Smaller CPU usage.

Revised GUI.

Revised patch bank and new patches.

Revised manual.

New languages in setup.

Credits

Development & Design
Michaël Dubois

Product Management
Michaël Dubois

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Chris Kerry
Daz Disley
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Jordan Russell

Graphic Design
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Mihai Sorohan
SaTRiP

Software Test
Justin O'Quinn
Michaël Dubois

Documentation

Michaël Dubois

Demo Materials

Michaël Dubois
Justin O'Quinn

Special Thanks to

SaTRiP [Polyforme Record.]
Joe San [Express-computing.fr]
Frank [pro-sounds.net]
Klas Moldenhauer
House Arrest (Geno House is a great track!)
My Mom

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

Create, play !

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