DubSiren

USER MANUAL

TEK'IT AUDIO

DubSiren

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Revision 3

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

Overview

Thank you for choosing DubSiren, Tek'it Audio virtual re-creation of the siren sounds made famous by Jamaican sound system.

DubSiren is a siren synthesizer that creates fat siren sound by giving you full control over the sound and the help of the echo/ping-pong delay and the hard clipping distortion.

Feature highlights

- Control the speed, phase and amount
- Echo or ping-pong delay effect
- Delay feedback path with frequencies filtering
- Hard clipping distortion
- Pitch tracking
- Full MIDI automation support
- MIDI learn on all parameters
- Use 7-bit MIDI Continuous Controller or High resolution 14-bit MIDI NRPN and RPN
- Integrated presets manager
- Undo changes with one click

Requirements

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

Operating System: Microsoft® Windows® 8, 7, XP (SP2 or later), or Vista™.

CPU: 1GHz or higher with SSE2.

Memory: 512 MB RAM or higher.

Graphics: 800x600 32 bit or higher.

Audio: High quality audio interface with minimum 44kHz samples rates.

MIDI: To use the automation a Host with automation features
For MIDI learn a MIDI interface and an external MIDI controller 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 DubSiren. Consult your host documentation for more information.

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

Using

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.

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.

Controls

Wave
Select one of the seven siren waveforms. Sine, Triangle, Square, Hump, Rip Saw, Ramp, and Shark wave are available.

Speed
Change the speed of the siren from 0.1Hz to 12Hz. Right click on it to open a pop-up menu with tempo sync division.

Phase
Control the phase of the siren.

Amount
Control the level of the siren effect.

Swing
Apply quantization on the modulation of the siren.

Smooth
Smooth the modulation effect.

Loud
Control the level of distortion applied to the signal.

Digit
Switch to digital waveform type, giving a more electronic sound.

Pitch
Active the pitch tracking. By Default all the note are played as a G2, activating the pitch tracking give you the full pitch range.

Sync
Synchronise the siren with the note gate so each note start at the same phase.

Hold
Freezes the modulation wave at his current state.

Lo Range
Switch the Speed control to a low range of 0.025 Hz to 3 Hz.

Delay

Feedb.
Control the amount of feedback applied to the delay.

Dry/Wet
Control the amount of delay applied to the siren from 100% dry to 100% wet.

Low
Control the frequency of the Low Frequencies filter used in the delay feedback path.

High
Control the frequency of the High Frequencies filter used in the delay feedback path.

Pong
Switch from an echo type delay to a ping-pong delay.

Invert
Invert the right and left channel delay in ping-pong mode.

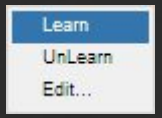
MIDI

DubSiren 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



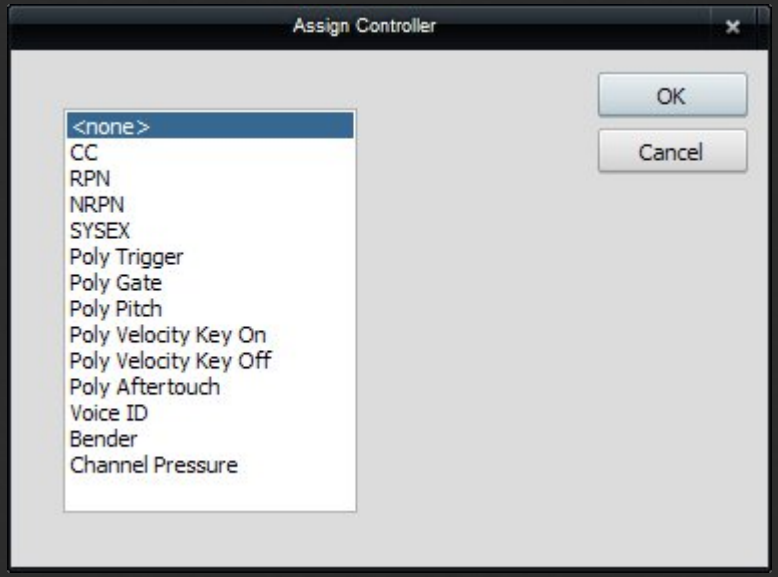
Click on Learn, move a control on your MIDI device and it will automatically assigned.

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...



Cilck 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 at
http://tekit-audio.com/dubsiren/
Check the related pages for more information on the updates.
Registered customers will be informed by email of updates availability.

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

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

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Credits

Development & Design
Michaël Dubois

Product Management
Michaël Dubois

Additional Softwares
Chris Kerry
Jeff McClintock
Jordan Russell

Graphic Design
Michaël Dubois

Sound Design
John FInter
Michaël Dubois
Ones & Zeros

Software Test
Justin O'Quinn
Michaël Dubois
Simon Anthony Field

Documentation
Michaël Dubois

Demo Materials
Michaël Dubois

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And everyone else who has contributed to the 'DubSiren' development in any way.

Create, play !