

SYNTIK-DR

drum synthesizer



Syntik-DR

USER MANUAL

REVISION 1

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You can also consult FAQ: <https://tekit-audio.com/support/legal-faq/>

Overview

Thank you for choosing Syntik-DR, Tek'it Audio's electronic drum synthesizer. Syntik-DR use a workflow based on layering to produce typical drum sounds often heard in analogue synthesizers and drum-box but also a wide spectrum of sounds used in modern productions like deep layered kicks, lo-fi percussion's, out of this world fx and distorted rave kicks.

We hope you enjoy this software, and love creating music with it. Please, take the time to read this manual and learn how to exploit all the feature of your new plug-in.

The Tek'it Audio Team

About this Manual

In this Manual, installation procedures, features and operations are described. This pdf documents is installed with the program, you find it in the Tek'it Audio folder inside your user Documents folder and you can open it directly from the plug-in interface. This manual can also be downloaded from our website on the product page.

Feature highlights

- 4 shapes, Sine, Triangle, Saw, Pulse.
- 1 Noise generator with two waveform.
- 4 sound layers.
- 4 integrated effects.
- 3 distortion types, Overdrive, Hard-clip and Fold-back.
- 1 filter with Low-pass, High-pass and Band-pass filter modes.
- A bass boost.
- A bit-crusher to produce lo-fi sounds.
- Frequency Modulation with 7 waveform.
- Full MIDI automation support.
- Easy MIDI learn on all parameters.
- Preset manager, rename, copy, save, load...
- Undo your changes to initial preset value.
- One click preset randomize.
- 128 Factory presets.

Requirements

Below you will find the minimum requirements for running the plug-in.

Windows

- 2 GHz or higher with SSE2.
- 2GB RAM or higher.
- Microsoft® Windows® 10 or 8.
- 1280x800 screen resolution or higher with 32 bit color.
- VST™ 2 or VST™ 3 compatible host.
- Audio interface with ASIO driver support recommended and minimum 44kHz samples rates.
- To use the automation a Host with automation features and for MIDI learn a MIDI interface and an external MIDI control device is required.

macOS

- Intel CPU.
- 2GB RAM or higher.
- macOS 10.8 and latter.
- 1280x800 screen resolution or higher with 32 bit color.
- Audio Unit compatible host.
- CoreAudio compliant audio interface or built-in audio hardware.
- To use the automation a Host with automation features and for MIDI learn a MIDI interface and an external MIDI control device is required.

Upgrading From an Earlier Version

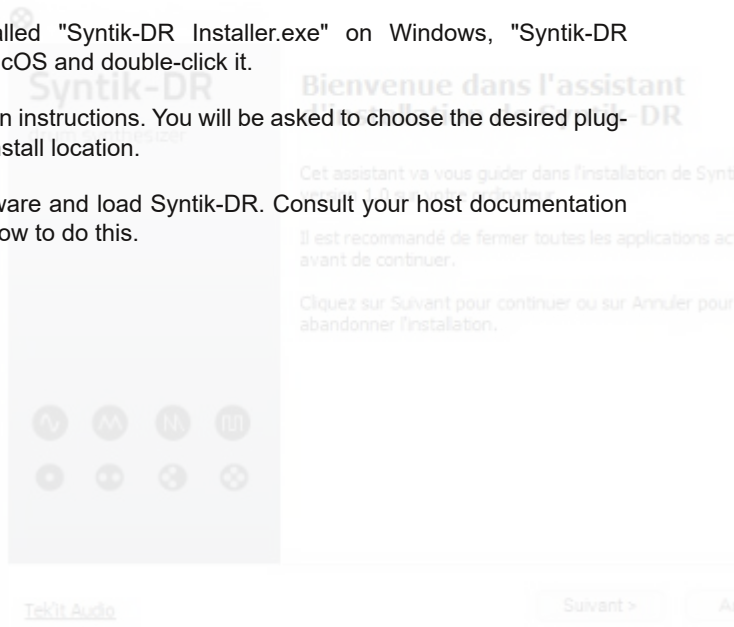
If you are upgrading from an earlier version there are some important things to remember before installing the upgrade:

From version 1.x

- Uninstall the previous version before installing the upgrade.

Running the Installer

1. Locate the file called "Syntik-DR Installer.exe" on Windows, "Syntik-DR Installer.pkg" on macOS and double-click it.
2. Follow the on-screen instructions. You will be asked to choose the desired plugin formats and an install location.
3. Run your host software and load Syntik-DR. Consult your host documentation for information on how to do this.



Windows: Our uninstaller keeps your system clean, all the files are deleted and there are no entries left in your Windows registry.

Trial Version

The trial version gives you full functionality, but the sound stop after 20 minutes oi use, a nag-screen will pop at the start and at the time limit.

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

Product Registration

If you have purchased your product from a third party seller, you can register your product online at <https://tekit-audio.com/product-registration/>.

Registering your product give you access to the update notifications, faster support, exclusive offers and a free plug-in as welcome gift.

Usage



Control Types

While using Syntik-DR, you will find that many parameters have similar controls. Hovering your mouse over a control will bring up a tooltip 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.



Switch

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

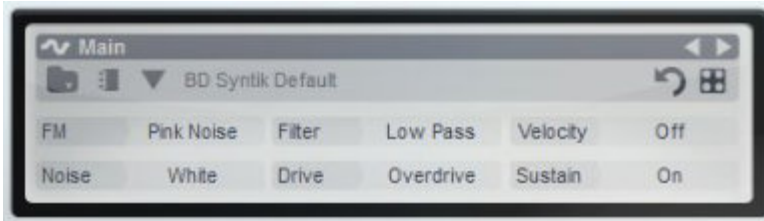
Layers



One of the most important feature of Syntik-DR is the Layers. Using them you can create complex textures and massive drum kicks.

In Syntik-DR you can use up to four layers per presets to create your sound. Click on one of the layer switches to select the desired layer and use the controls to edit this layer, this include the screen parameters and all the knobs.

Screen



To change a value on the screen, simply click on it. A popup menu will appear where you can select a value.

Preset

Syntik- DR comes with a default bank of 128 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 popup 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 popup where you can write the author name of the preset and notes.



Preset Selector

Display a popup 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.

Screen Parameters

FM

Select one of the 7 waveform available for the Frequency Modulator.

Noise

Select one of the 2 different noise types of the noise oscillator, White or Pink.

Filter

Select one of the 3 filter mode types, low-pass, high-pass or band-pass.

Drive

Select one of the 3 distortion types. Overdrive, Hard-clip or Fold-back.

Velocity

Activate the velocity mode. When the velocity is on the output levels controlled by the MIDI velocity.

Sustain

Activate the envelope sustain. When activated the sound is sustained between each notes.

SHAPE



Select the sound basic waveform. You can choose between Sine, Triangle, Saw and Pulse.

SHAPER

Tone

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

Decay

Control the envelope decay time, quickest to slowest.

Release

Control the release time, quickest to slowest. This is the time taken to decrease to zero after the key is released.

Color

Colorize the sound from a dark tone at left to a brighter at right.

FM

Frequency

Change the modulator frequency from - 3 octaves at full left to +3 octaves at full right.

Depth

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

EFFECTS

Syntik-DR come with four effects to enhance your sound.

Filter

Changes the cutoff point of the selected filter. For Low-pass filters, this means that frequencies above the cutoff point are attenuated. For High-pass filters, that frequencies lower than the cutoff point are attenuated. For a Band-pass filter, frequencies outside a certain range upper and lower than the cutoff point are attenuated.

Crush

Control the bits crusher from full resolution to 4 bits. This effect is used to create lowfi sound, useful to create drum sounds found on old video games for example.

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.

Drive

Control the distortions drive amount from -20dB to +30dB.

AMP

Noise

Control the volume of the noise oscillator mixed with the main output.

Level

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

MIDI

Syntik-DR 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.

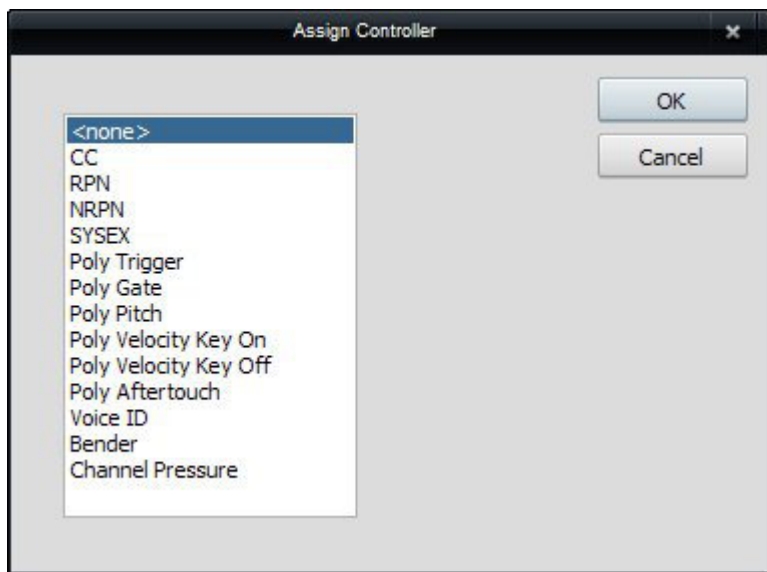


Some hosts (like FL Studio) filters MIDI CC messages coming from MIDI controller, integrated MIDI learn can't work properly in such hosts.

Edit...

Click on Edit will open the Assign Controller dialogue.

You can change manually the MIDI controllers using 7bit MIDI Continuous Controller or High resolution 14bit 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 <https://tekitaudio.com/myta/>

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 <https://twitter.com/TekitAudio>



For any help and support consult our online support at <https://tekitaudio.com/support/>



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

If you prefer, you can contact our team directly by email at contact@tekitaudio.com

Changelog

1.5

Add 64 bit VST2 support for Windows.

Add 64 bit VST3 support for Windows.

Add 64 bit Audio Unit support for macOS.

Add .vstpreset and .aupreset format .support.

Add xmlpreset and .xmlbank to exchange presets between plug-in formats.

New Windows setup program to support the new plug-in formats.

Add package installer for macOS.

Revised “End User License Agreement”.

Plug-in information screen updated.

User manual revision 1.

1.0

First public release.

Credits

Development & Design

Michaël Dubois

Product Management

Michaël Dubois

Graphic Design

Michaël Dubois

Sound Design

AbstractCats

Audioware

John Finter

Michaël Dubois

Software Test

AbstractCats

John Finter

Michaël Dubois

Documentation

Michaël Dubois

Demo Materials

Michaël Dubois

Special Thanks to

Everyone else who has contributed to the "Syntik-DR" development in any way.

Create, play !



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