

LANSTARR.COM STARRSYNTH3.0

User Manual



Overview

STARRSYNTH3.0 is a software synthesizer that was developed by L.A. Nolan II for LANSTARR.COM. This plug-in is a subtractive-style synthesizer with two multi-shape oscillators (called the "Dual Oscillator"), four filter types, two assignable low frequency oscillators (LFO), a delay module, and a unique "sound destruction" module. This means that, with this synth, you can create a wide variety of colorful and dynamic sounds. This plug-in is compatible with most VSThost running on a PC with Windows 98 or better operating system.

Installation

To install this VST plug-in, first make sure your VSThost is not running. Unzip the file "starrsynth.zip" (or "starrsynthdemo.zip" if you are using the demo version). You will need a program such as WinZip or WinRAR to do this. Once the archive has been unzipped, copy or move the file "starrsynth.dll" (or "starrsynthdemo.dll" if you are using the demo version) to your VST directory (e.g. C:\Program Files\Steinberg\Vstplug-ins). Now start up your VSThost, and you should be able to access the plug-in in the same manner in which you access other plug-ins. Note that depending on your VSThost, you may have to refresh your VSTlist in order for your host to see the newly installed plug-in. Refer to your VSThost's manual for more info.

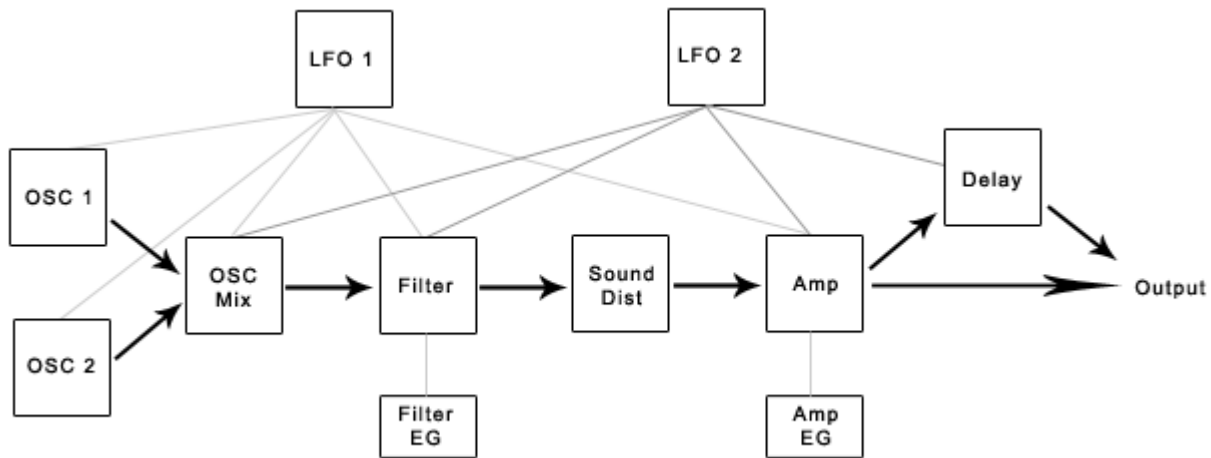
There are two other files inside of the zip archive "starrsynth.zip" or "starrsynthdemo.zip." One is this PDF manual that you are reading, and the other is a file called initialize_ss3.fxp. With the latter, you can load up a blank patch that you can use to create a fresh preset. This comes in handy when you are programming your own sounds with STARRSYNTH3.0.

Full (Registered) Version Vs. Demo (Unregistered) Version

There are four differences between the full (registered) and demo (unregistered) version of LANSTARR.COM STARRSYNTH3.0. With the demo version, you only get only 32 preset patches and can only save 32 presets in your own bank of custom patches. You are also limited to 4 notes of polyphony, and you will get that annoying "nag" screen that pops up every so often asking you to register the product. With the full version, you get a full 128 preset patches, the ability to save your own banks of up to 128 custom presets, 128 notes of polyphony, and there is no nag screen.

You are allowed to use the LANSTARR.COM STARRSYNTH3.0 demo (unregistered) version for personal and educational uses. But if you like this plug-in and/or you would like to use it for commercial purposes, please purchase the full (registered) version.

Synth Architecture



Parameters

Note: To effectively move the knobs on this plug-in, click the center of the knob and drag up or down for left and right movement.

Dual Oscillator:

Choose the waveform for each of two oscillators, each containing sine, saw, ramp, triangle, pulse/square, white noise, and pink noise waveforms.

Octave – There is a 5 octave range (-2 to + 2)

Fine – Detuning range is a little more than a half of a step.

PW – Pulse Width (only works when pulse waveform is selected).

Dual Mix – The volume mix of each oscillator. Turn left for waveform a, and right for waveform b.

Amp Envelope:

A – Attack

D – Decay

S – Sustain

R – Release

Filter:

Choose from low pass, hi pass, band pass, or band reject.

Cutoff – Filter cutoff frequency.

Res – Filter resonance.

Filter Envelop:

A – Attack

D – Decay

S– Sustain

R– Release

LFO 1:

Choose following destinations: Osc A Pitch, Osc A PW, Osc B Pitch, Osc B PW, Osc Mix, Main Vol, Filter Cutoff, Filter Res, and Glide.

LFO Rate – The speed of the low frequency oscillator.

LFO Amount – The amount of modulation applied to the destination.

LFO 2:

Choose following destinations: Osc Mix, Glide, Filter Cutoff, Filter Res, Main Vol, Delay Rate, Delay FB(Feedback), and Delay WD (Wet/Dry).

LFO Rate – The speed of the low frequency oscillator.

LFO Amount – The amount of modulation applied to the destination.

Delay:

Rate – Adjust rate of delay effect

Feedback – Adjusts feedback amount

Amount – Adjusts volume level of delay effect

Global:

Main Vol – The main volume

Glide – Pitch glide amount, also known as portamento.

Mono Mode – Choose from On (Mono) or Off (Poly)

Note Priority – Choose from Off, Low, High, and Last.

Bend Range – Choose from 1 to 12 semitones

STARRSYNTH3.0 Presets: Default Bank

The preset patches on the LANSTARR.COM STARRSYNTH3.0 were made by the following people:

Programmer: AJ Bhandary (AJ)
Email: nepstaraj@hotmail.com

Programmer: Ian Hollen (IH)
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Programmer: Sambasevam (SAM)
Alias: Keyman_sam
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Programmer: L.A. Nolan II (LAN)
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Contact Us

Have any questions or comments? You can contact us by going to our website www.lanstarr.com and clicking on the contact link.