Nocturna

Operation Manual

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Nocturna is a wavetable FM synth VSTI for Microsoft Windows. Including 2 wavetable Oscillators, dual LFOs, and Sub Oscillators Nocturna allows you to get deep into sound design. Included is a large sound Library with over 100 patches, future expansions and a dozen waveforms.

Nocturna comes with an advanced modulation section including a mapable matrix and ADSR functions. Each Oscillator has its own ADSR and Filter section. The master section Includes an Evelope Mod, Master filter, as well as gain and distortion for the synth.

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Installation Instructions

To Install the VST, Double click on the EXE and run the Installer, This will guide you through the Installation of the plugin. Make sure to select the proper folder where your VST's are located when Installing.

Tutorial

Preset Manager

Using Nocturna, is pretty straight forward. On the top right hand side of the synth you will see both a preset manager as well as a master volume.

The preset Manager lets you Name your presets as well as save and load banks/presets.

Main Oscillators

Nocturna Comes with 2 Main Oscillators. Oscillator A Modulates Oscillator B by using the switchs seen below.
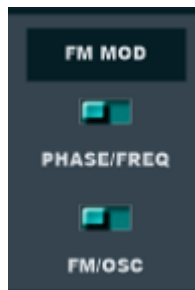
You can do Either Phase or Frequency Modulation with The Oscillators.

Each Oscillator has its own Attack, Decay, Sustain, and Release section as well as a filter section, Detune, and Pan functions.

On the top Right of Each oscillator you can save and load your own waveforms. You can also use the provided box to draw your own waveforms giving you complete control of the sound of the oscillator.

SUB Oscillators

Nocturna comes with 2 sub oscillators. The Oscillators are square wave based and come with Volume and Pan knobs. You can use the sub oscillators the main oscillators with the FM switch.

LFO's

There are 2 LFO's that come with Nocturna.

The LFO's are mapable using the LFO Matrix on the Right of the mod section.

The matrix allows you to map either LFO 1 or LFO 2 to various functions including

- oscillator a
- oscillator b
- filter a
- filter b
- master filter
- sub a
- sub b
- delay mix
- delay feedback
- reverb mix
- wave player

Wave Generator

Nocturna comes with a wave generator which plays WAV files. The wave generator can also be used to modulate the main oscillators.

Envelope Wheel

The Envelope Wheel is a mapable XY pad that controls the Attack, Decay, Sustain, and Release functions. You can map the X and the Y positions to one of the functions allowing you create cool envelope based effects.

There are 2 sources you can map the envelope to inluding

- Sub oscillator a

- Sub oscillator b

- Wave Generator

Master Filter

The master filter is quite simple, it controls the cuttoff and resonance of a lowpass filter, allowing you to get that acid sound.

Envelope Mod

The envelope mod controls the Attack, Decay, Sustain, and Release of the master channel using a graph.
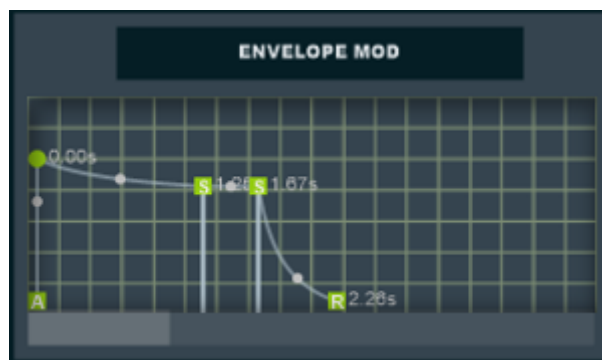
Master Section

The master section of the synth controls the volume leves of the 2 main oscillators as well as the overdrive/distortion. There are on/off switchs to control which is activated as well.

The FX Section

Nocturna comes with a number of effects, that can be mapped using the matrix at the bottom.

Equalizer

The equalizer is a 4 band analog style EQ based of classic analog mixing consoles. Each channel has frequency and gain controls, giving you complete control of the synths sound. The lo end has a Hi-q switch as well as a high pass filter, and the High end also has a Hi-q switch along with a low pass filter.

Reverb

Nocturna comes with a Plate based reverb, which includes Size, Damping, Width, and Mix Controls.

Delay

A ping-pong delay is included with Nocturna, which comes with simple controls for controlling the Delay, Feedback, and Dry/wet of th effect.

Chorus

The chorus comes with Rate, Depth, Pre-delay, and Dry/wet functions, allowing you dial in the perfect effect.

Compressor

Nocturna comes with a pretty good compressor. The compressor allows you to compress your synth giving you a loud and pumping sound perfect for basslines.

FX Matrix

The FX Matrix allows you to map the order of the effects you want, allowing you shape the sound in unique ways. To get the synth working properly and to prevent feedback loops you must make sure you do not have the same effect loaded twice in the matrix.

GUI

NOCTURNA

MOD FX VOICES ◁ 256 ▷ A B MASTER

VCO A Save... Load... DETUNE PAN

VCO B Save... Load... DETUNE PAN

1 2 < BS Croak ▽ > File ▽
BS Evolver
BS Moog Phatty
BS Toronto
BS MDMA
BS Destroyer
BS Breaking Wind
BS Acid Wobble
BS Overdrive
BS Croak

ATTACK DECAY SUSTAIN RELEASE CUT RES
ATTACK DECAY SUSTAIN RELEASE CUT RES

FM MOD

PHASE/FREQ

FM/OSC

FILTER MOD

CUT

RES

EQUALIZER HIGH-PASS LOW LOW-MID HIGH-MID HI LOW-PASS
HI-Q FREQ GAIN FREQ GAIN FREQ GAIN FREQ GAIN HI-Q ON/OFF

REVERB SIZE DAMPING WIDTH MIX ON/OFF

DELAY DELAY FEEDBACK MIX ON/OFF

CHORUS RATE DEPTH PRE-DELAY MIX ON/OFF

COMPRESSOR PRE THRESHOLD RATIO ATTACK RELEASE POST ON/OFF

DELAY ▽ REVERB ▽ COMPRESSOR ▽ NONE ▽ NONE ▽

MASTER

OFF/ON OFF/ON OFF/ON

DRIVE VCO A VCO B

ENVELOPE MOD
0.00s
N 1.4   1.67s
A
R 2.26s

BEND MOD

RETRIG
LEGATO

PORTAMENTO

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