

NIRGUNA

Ver 1.0.0 Users manual

Introduction

Thank you for purchasing the INTELLIGENT WIRE NIRGUNA.

NIRGUNA is a synthesizer specialized in the creation of PsyTrance Bass.

It features a system that allows you to flexibly edit the characteristics of PsyTrance Bass,
designed for simple operation.

With NIRGUNA, unleash your creativity to the fullest.

1.Header

A screenshot of a dark-themed header bar. On the left is the 'NIRGUNA' logo in a light blue font. To its right is a dark grey button with a white padlock icon. Further right is a dropdown menu with the text 'empty' and a small white up/down arrow icon on the right side.

NIRGUNA



empty



- **NIRGUNA LOGO**

Clicking on the logo will display the GUI display magnification change button and software information.

- **Preset browser**

Saving / changing presets

2.OSC Selector



Arc Phase



Chirp Phase



Sine



Wave Table

Select the OSC to use or edit from 4 types.

3.OSC ArcPhase

This OSC is a mode for editing the phase of the SAW waveform.

The spectrum editor at the top cannot be operated, It only displays the properties of the waveform.

When you manipulate the curve in the bottom editor, the phase is edited.
The waveform will change.

In the curve editor, the phase of harmonics from 1 to 512 is assigned to the horizontal axis.
The phase range is assigned to the vertical axis.

The phase range on the vertical axis is $2\pi * \text{Phase Cycle}$.



4.OSC Chirp Phase

This OSC is a mode that combines the properties of two types of waveforms.

One is SAW waveform, the other is Chirp Signal, It's like a so-called kick waveform.

The power spectrum reflects the properties of SAW, The phase spectrum has an overtone structure that reflects the properties of the Chirp Signal.

This method is difficult to generate a well-defined waveform, but It is easy to adjust the click feel of the sound in the first half of the waveform. There is an advantage.



5.OSC Sine

This OSC is the Chirp Signal mentioned earlier, that is, Creates something like a kick waveform using a sine wave.

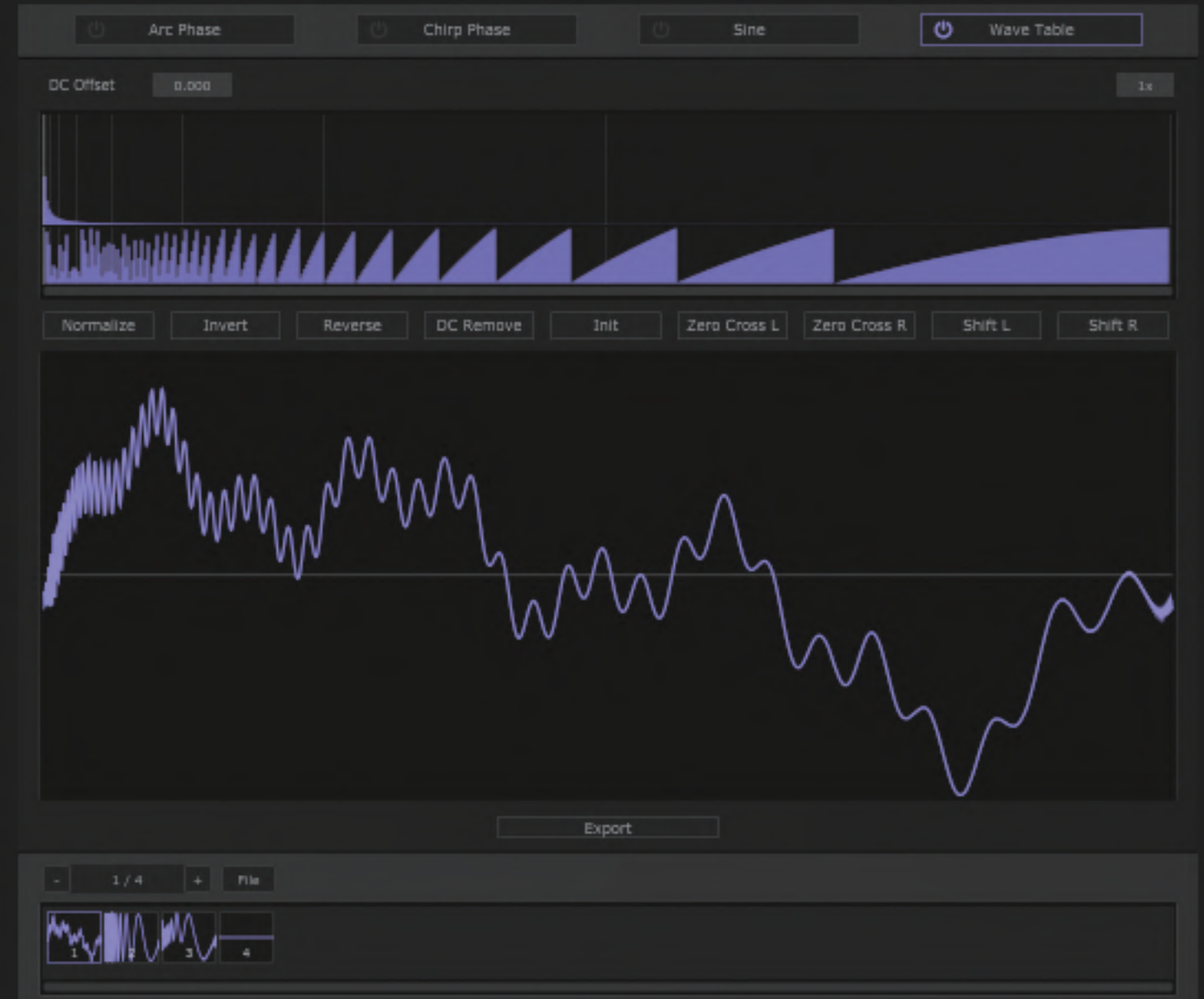
Due to the nature of the waveform, it almost certainly contains a DC component, but It can generate very powerful waveforms.

The purpose is to edit with OSC Wavetable, which will be described later.



6.OSC Wavetable

This imports waveforms created with other OSCs and OSC treated as wavetable.



7.Creating a curve

You can create Bézier curves using two types of points: curve points and breakpoints.

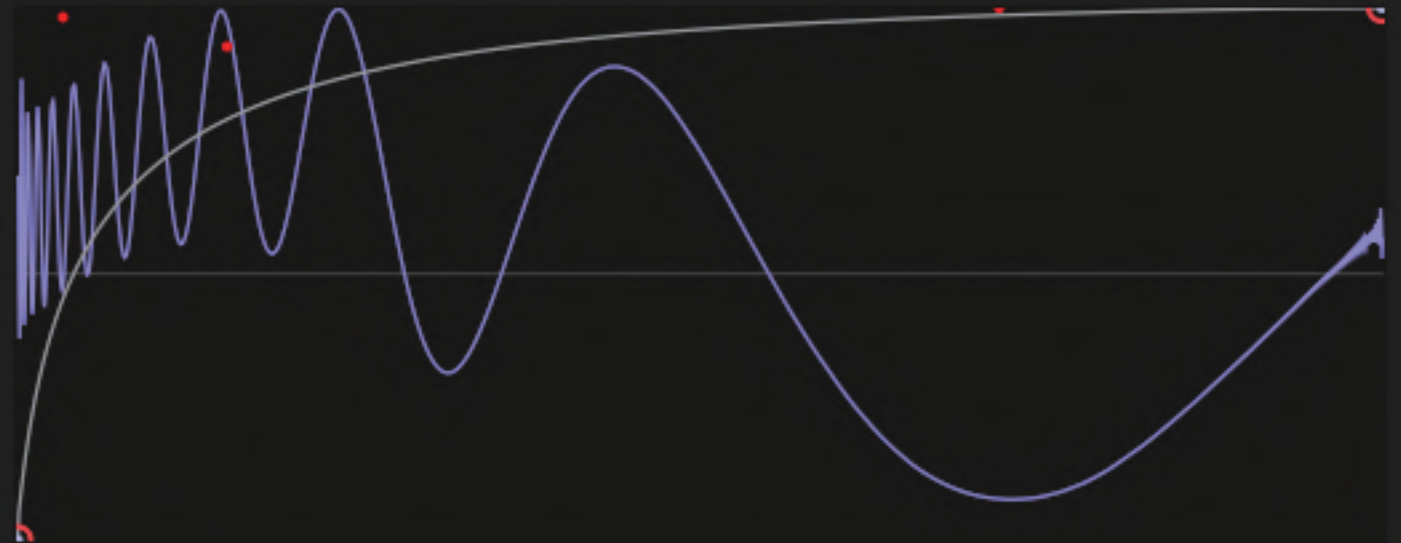
Clicking with the mouse on an empty area will create a breakpoint, and dragging will create a curve point.

Both types of points can be deleted by double-clicking.

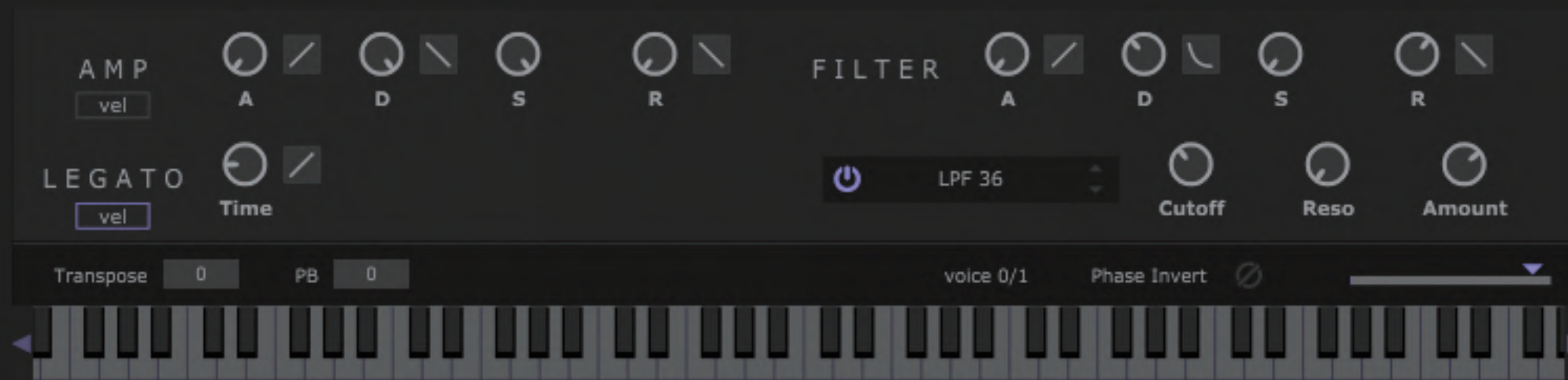
The curvature of the created points can be adjusted with the mouse wheel.

When dragging a point, holding down the Ctrl key enables fine adjustment mode, and holding down the Shift key enables a mode that restricts movement direction and range.

In the NIRGUNA software, these points are referred to as Segments.



8.General



These are standard features of a synthesizer.

You can choose between EXP and POW for the curves of each envelope (ENV).

When LEGATO vel is enabled,
the pitch transition time is based on the set Time: stronger velocity
results in a shorter transition time,
while weaker velocity results in a longer transition time.



CREDITS

Graphic and UI design

VST Programming (JUCE)

Product Artwork

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