

soundprops

PLUTO

SYNTH SERIES

user guide

vintage synthesizers

WT



PLUTO SERIES

user guide

PLUTO Synth Series

Introducing the "PLUTO Synth Series":

The PLUTO Synth Series invites you to embrace the vintage spirit of synthesizers while navigating the frontiers of contemporary sound design.

The **PLUTO Synth Series** comprises three distinct synthesizers. Each synthesizer within this series is a testament to the legacy of iconic synthesis, offering a symphony of possibilities for musicians, producers, and sonic pioneers. Elevate your compositions, transcend the ordinary, and shape your sonic destiny with the PLUTO Series Synth Collection.

PLUTO Lite:

Embark on a voyage through analog warmth with PLUTO Lite, a straightforward yet powerful synth in the PLUTO Series. With eight distinct waveforms and an abundance of analog character, PLUTO Lite captures the essence of vintage synthesis, providing a simple and intuitive interface for timeless sound design.

Key Features:

8 Waveforms: Choose from a variety of waveforms, each resonating with analog richness.
Analog Warmth: Experience the vintage warmth and character that defined classic synthesizers.
Streamlined Interface: PLUTO Lite offers a user-friendly design for quick and creative sound exploration.

LEGATO SECTION - LFO SECTION - AMP ENVELOPE - FILTER ENVELOPE
 FILTER SECTION - FX SECTION - EQ SECTION - ARPEGGIATOR



PLUTO 101:

Expand your sonic horizons with PLUTO 101, a digitally controlled synthesizer at the heart of the PLUTO Series. Unleash a spectrum of sound sources, from classic waveforms to cutting-edge FM synthesis, OSC chip experimentation, Granular synthesis waveforms and more. PLUTO 101 redefines versatility, providing a gateway to a universe of sonic possibilities.

Key Features:

Diverse Sound Sources: Explore FM synthesis, OSC chip, granular synthesis, and more.

Digital Precision: PLUTO 101 combines digital accuracy with precise control for unparalleled sound sculpting.

Versatile Sound Palette: From classic to avant-garde, PLUTO 101 empowers you to explore a broad spectrum of sonic landscapes..

LEGATO SECTION - LFO SECTION - AMP ENVELOPE - FILTER ENVELOPE
FILTER SECTION - FX SECTION - EQ SECTION - ARPEGGIATOR



PLUTO WT:

Enter the world of intricate sound design with PLUTO WT, the wavetable synthesis powerhouse in the PLUTO Series. Craft complex soundscapes with precision as you delve into an expansive collection of wavetables, pushing the boundaries of sonic exploration.

Key Features:

Immerse yourself in the intricacies of wavetable synthesis for precise sound shaping.

Sonic Complexity: PLUTO WT offers a sophisticated approach to sound design, perfect for intricate textures.

Expressive Modulation: Unleash your creativity with a wealth of modulation options and wavetable manipulation.

LEGATO SECTION - LFO SECTION - WAVETABLE SECTION - AMP ENVELOPE - FILTER ENVELOPE
FILTER SECTION - FX SECTION - EQ SECTION - ARPEGGIATOR



LEGATO



Mono: Enables Monophonic mode.



Porta: Turns Legato and Portamento mode on or off. When on, envelopes will not be triggered when playing legato notes. The speed of the glide can be controlled with the Porta Time control.



Porta Time: Sets the glissando time between notes when Porta is activated.

LFO



LFO Freq: Sets the speed of the LFO. The LFO can modulate the filter cutoff frequency.



LFO Shape: Sets the LFO waveform to a triangle, or a square, or a saw, or a random waveform.

AMP ENVELOPE



Attack: Sets the attack time the volume envelope, The time it will take to fade to its maximum level.



Decay: Sets the decay time of the volume envelope.



Sustain: Sets the sustain time of the volume envelope.



Release: Sets the release time the volume envelope. The time it will take to fade out after the note has been released.

AMP ENVELOPE



Vel Vol: Sets the amount of modulation applied from the MIDI velocity to the volume.



Vib Amt: Sets the amount of vibrato effect



Vib Spd: Sets the speed of the vibrato effect



Vib pitch: Sets the pitch modulation of the vibrato effect

FILTER ENVELOPE



Attack: Sets the attack time of the filter envelope.



Decay: Sets the decay time of the filter envelope.



Sustain: Sets the sustain time of the filter envelope.



Release: Sets the release time of the filter envelope.

FILTER SECTION



Filter On/Off: Turns the filter section on or off.

FILTER TYPE
PRO 53



Filter Type: Selects the Filter type. Pro53, LadderLP, DraftLP, Notch, LadderBP, LadderHP.



Cutoff: Sets the cutoff of the filter.



Resonance: Sets the intensity of the resonant peak at the cutoff frequency.



Vel CutOff: Sets the amount of modulation applied from the MIDI velocity to the cutoff.



Env Amt: Sets the amount of modulation applied from the filter envelope to the cutoff.



LFO Amt: Sets the amount of modulation applied from the LFO to the cutoff.



LFO Freq: Sets the Speed of the LFO.

EQ



Filter On/Off: Turns the filter section on or off.



EQ MLo: Adjusts the mid-low frequencies.



EQ MHi: Adjusts the mid-high frequencies.



EQ Hi: Adjusts the high frequencies.

FX SECTION



Saturation: Sets the level of the Saturation effect.



Chorus: Sets the level of the Chorus effect.



Phaser: Sets the level of the Phaser effect.



Rotor: Sets the level of the Rotor effect.



Del Time: Sets the time of the echo effect.



Del Fbk: Sets the feedback of the echo effect.



Del Lev: Sets the level of the echo effect.



Reverb: Sets the level of the reverb effect.

DOWN

PITCH BEND

UP

PB Range Down: Sets the pitch bend range when the pitch bend wheel is moved down.

PITCH BEND
DOWN -12 UP 2

PB Range Up: Sets the pitch bend range when the pitch bend wheel is moved up.

SEMI

TRANPOSE

OCT

Semi: Transposes the incoming notes by semitones.

TRANSPPOSITION
SEMI 0 OCT 0

Octave: Transposes the incoming notes by octaves.

ARPEGGIATOR



ARP: Enables or disables the arpeggiator.

LATCH: Enables or disables the latch mode. The arpeggiator will continue even if you release the keys.

UP: The notes are arpeggiated in an upward direction.

DOWN: The notes are arpeggiated in a downward direction.

ZIG: The notes are arpeggiated in an upward-downward direction.

ZAG: The notes are arpeggiated in a downward-upward direction.

RAND: The notes are arpeggiated in a random direction.

CHORD: All played notes are triggered at the same time.

ORDER: The notes are arpeggiated in the original played order.

SYNC: Synchronizes the arpeggiator with your DAW.



ARP Rate: Defines the rate in which notes are arpeggiated.

WAVETABLE OPTIONS

FORM MODE: SYNC 1

Format mode: Defines the wavetable form algorithm.



LFO 2/3 Shape: Sets the LFO 2/3 waveform to a triangle, or a square, or a saw, or a random waveform.



Position: Sets the wavetable position.



LFO2 Amt: Sets the amount of modulation applied from the LFO to the wavetable position.



LFO 2 Spd: Sets the Speed of the LFO.



WT Form: Sets the wavetable form.



LFO3 Amt: Sets the amount of modulation applied from the LFO to the wavetable form.



LFO3 Spd: Sets the Speed of the LFO.

SOUND SOURCE

PLUTO LITE:

WAVEFORM SELECTOR

The big Knob at the center allows the selection of several waveforms
There are 8 waveforms for you to choose.



SOUND SOURCE

PLUTO101:

The waveform selector button allows the selection of several waveforms

There are 320 waveforms for you to choose.

Click on the selector button and a pop-up menu will appear where you can select your desired waveform.



CLOSE LIST			
SINE	TRIANGLE	SAWTOOTH	SQUARE
SINE 4BIT	TRIANGLE 4BIT	SAWTOOTH 3BIT	SAWTOOTH 4BIT
BLENDS 1	BLENDS 2	BLENDS 3	BLENDS 4
DISTORTED 1	DISTORTED 2	DISTORTED 3	DISTORTED 4
FMSYNTH 1	FMSYNTH 2	FMSYNTH 3	FMSYNTH 4
GRANULAR 1	GRANULAR 2	GRANULAR 3	GRANULAR 4
OSC CHIP 1	OSC CHIP 2	OSC CHIP 3	OSC CHIP 4
RAW 1	RAW 2	RAW 3	RAW 4

PLUTO WT:

The waveform selector button allows the selection of several wavetables

There are 246 wavetables for you to choose.

Click on the selector button and a pop-up menu will appear where you can select your desired wavetables.



CLOSE LIST			
ANALOG 1	ANALOG 2	ANALOG 3	ANALOG 4
ANALOG 5	ANALOG 6	ANALOG 7	ANALOG 8
DIGITAL 1	DIGITAL 2	DIGITAL 3	DIGITAL 4
DIGITAL 5	DIGITAL 6	DIGITAL 7	DIGITAL 8
FORMANT 1	FORMANT 2	FORMANT 3	FORMANT 4
FORMANT 5	FORMANT 6	FORMANT 7	FORMANT 8
ADDITIVE 1	ADDITIVE 2	ADDITIVE 3	ADDITIVE 4
BASIC SHAPES 1	BASIC SHAPES 2	BASIC SHAPES 3	BASIC SHAPES 4