

Waldorf Blofeld Plug-In Specification

Plug-In version of the popular Waldorf Blofeld synthesizer

Oscillator

- 3 Oscillators per voice, capable of wavetables, VA and samples
 - All Microwave II/XT/XTk wavetables
 - Frequency Modulation between the Oscillators
 - 38 slots for User WTs loadable from .midi or .wav file
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Filter

- 2 independent multi mode filters per voice
 - Filter FM
 - Filter Drive with selectable drive curves
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Modulators

- 4 Envelopes with multiple envelope modes
 - All envelope timings and levels can be modulated.
 - 3 LFOs with adjustable shapes, phase and speed as well additional delay and fade parameters
 - LFOs can be per voice or globally synced as well as clocked to DAW tempo
 - Modulation Matrix with 16 slots To modulate almost any parameter from a wide range of sources
 - 4 Modifier to create even more complex modulations
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Multi-Mode

- 16 part multi timbral, which can be layered or split
 - Split by key zone and velocity range
 - Multi instrument mixer with volume, panning, detuning, transpose and many more parameters.
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Arpeggiator

- Freely programmable Arpeggiator pattern with up to 16 steps per sound
 - Timing, accentuation and velocity adjustable for each step
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Effects

- 2 Effect slots per sound with effect types Chorus, Flanger, Phaser, Overdrive, Triple FX, Delay and Reverb
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Presets

- All factory presets from the 2008 and 2012 banks included
- 20 additional original sounds by synth_nyc
- Can import original .mid and .syx presets and sound banks
- Preset browser with search and sort options and preset maintenance
- Custom preset format supporting tags, sound groups, author and comment attributes
- Internal preset database
- Import / export of sound and sound collection files
- User presets contain sample data

Hardware Control

- Plug-In can be used to control the hardware Blofeld
- Editing all sound parameters on the hardware from the Plug-In
- Directly import presets from the hardware into the Plug-In
- Can send .midi preset, wavetable or sample files to the hardware
- Covers full Spectre functionality

Samples

- Each Oscillator capable of playing multi samples
- Sample management with options to edit samples
- Plug-In can import hardware sample content from .wpc files or user samples from .xml created with the Spectre software
- Sample sets can be sent from the Plug-In to the blofeld hardware

Extras

- Resizable graphical user interface
- Freely assignable MIDI CC mapping via MIDI learn

Plug-In Formats

- macOS: VST, VST3, AudioUnit and AAX
- Windows: VST, VST and AAX