

discoDSP HighLife specs

Features

HighLife is a performance sampler for Windows.

Overview

- Built-in VST host for 32bit sampling of VSTis (freezing).
- Built-in wave editor.
- Built-in library browser.

- 32-Bit floating point based wavetables.
- 128 Programs with unlimited zones.
- Up to 32 voices polyphony (Multilayered zone sampling engine)

- Selectable interpolation engines: Hermite, Sinc 64 and Sinc 512.
Both sinc modes are not suitable for realtime purposes but bouncing to audio.

- Morphable scheme and automatable zone parameters (incl. cue and loop points).
- Syncable LFO with configurable Phase.
- Stepping-free modulation sends, pitch bend and modulation to morphing wheels.

Sampler Import formats

- Auto mapping when multiple files are opened at once.
- Samples: .wav (8 to 32 Bit), .aif, .mp3, .raw.
- Programs: proprietary .fxp/.fxb, .akp (Akai S5000/S6000), rgc:audio's SFZ.

Sampler Export formats (registered version only)

- Samples: .wav.
- Programs: proprietary .fxp/.fxb, rgc:audio's SFZ.

Program overview

- Unlimited zones.
- ADSR amplitude envelope
- ADSR envelope filter and pitch assignable (both bipolar).
- -24dB/Oct filter modes: Lowpass/Hipass/Bandpass/Notch and disabled.
- Stepping-free Cutoff and Resonance.
- High quality Chorus, delay and reverb
- Wow factor effects: Daft and rock da disco.
- Full mono/poly and legato operation.

Zones overview

- Independent envelope amplitude, modulation envelope, LFO and filter settings.
- Automatable zone parameters (including cue and loop points).
- Up to 128 MIDI triggerable cues, with different start/end and loop settings each.
- Automatable per-cue pos/end/loop points, supporting swapping of cue range/loop markers.
- 5 Loop types (one shoot, forward, bidirectional, backward, forward w/sustain).
- Group/Offby triggering settings.
- Amp Env, Mod Env and Lfo (syncable), 24dB Filter (5 Types)
- Full MIDI Input triggering control.
- Chorus, delay and reverb sends.
- Glide with auto-switch control.

Sample editor overview

- Zoom up to 1:1 resolution.
- Clipboard: Cut, copy, paste and sample trim.
- Amplitude: Fade in/out, normalization and DC removal.
- Effects: Reverse, rectifier, sin/tahn drive, spectral mirroring, pitch shift, auto tuner and auto note root.
- Cues and loops editing.

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