

discoDSP Discovery Pro specifications



Features

Discovery Pro boasts the following powerful feature set:

- 128 Patch Memories per bank.
- Parameter Morphing using Modulation Wheel or MIDI velocity.
- 2x oversampling.
- 2x oversampled distortions.
- Bank browser (by clicking arrows in display led and bank name).
- Hundreds of presets in 6 banks. (1 in Demo).
- Nord Lead 2 and 2X patch import.
- 4 Layers per Patch, each with:
 - 2 Oscillators (Sine, Saw, Triangle, PWM, Square, Parabolic, White and Pink Noise) with Ring modulation, Sync and Frequency Modulation.
 - 1 Wave Oscillator. Can load WAV and SoundFont 2 (SF2) files using high quality interpolation. User banks are easily added.
 - Resonant Filters (LowPass, HighPass, BandPass, BandReject, Formant, 8 taps phaser, X 12/24 dB and Y 12/24 dB are Moog modeled).
 - ADSR for Amp & Filter. Amplitude envelope can switch between linear and exponential curves.
 - 2 LFOs.
 - Modulation Envelope.
 - Graphical Modulation Envelope.
 - Arpeggiator.
 - Built-in Chorus, Phaser, Panning Delay and Gate effects.
 - Symmetric, Asymmetric and Asymmetric 2 Distortions.
 - Limiter.
 - Portamento.
 - Poly/Mono/Legato modes.
- MIDI CC control.
- MIDI Out.

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