

# Nord Lead 2X Sections and Percussion Kits

## OSCILLATOR SECTION

- OSC 1 generating sine, triangle, sawtooth or pulse with adjustable width, waveforms. OSC 2 generating triangle, sawtooth or pulse (with adjustable width) waveforms and can also generate noise with a colour control. OSC 2 can be hard-synched to OSC 1.
- Linear deep frequency modulation of osc 1 from osc 2. A wide range of new waveforms with a strong formant character is achieved with the new synchable noise, where noise can be synched to OSC 1.

## FILTER SECTION

- 12 dB (2-pole) low pass, 24 dB (4-pole) low pass, band pass or high pass and notch with 12dB low pass. Cut off, resonance, envelope amount, envelope amount controlled by velocity. ADSR envelope. Filter keyboard tracking can be set to full, half or off. Filter distortion.

## AMPLIFIER SECTION

- ADSR envelope, gain control.

## MODULATION SECTION

- LFO 1 generating triangle, saw, pulse, LF filtered noise and random staircase routed to OSC1+2, OSC 2, filter, pulse-width and FM amount.
- LFO 2 produces a triangle waveform, routed to OSC 1 and 2 or amplifier. It also controls the rate for the arpeggiator. Arpeggiator: Range: 1 - 4 octave. Modes: up, down, up/down, random. Hold function. Echo can be set between 1 to 8 repeats. Modulation envelope (attack, decay) for OSC 2 pitch, FM amount and pulse width.

## PERFORMANCE SECTION

- Play mode: Poly, legato, mono, unison mono, unison poly. Manual mode. Four program slots for layering possibilities. Portamento/auto portamento.

## PERCUSSION KITS

- 10 "analog" drum kits. Each percussion kit consists of 8 independent sounds, configured in 8 zones across the keyboard.