

Nord Wave Synthesiser Sections and Oscillator Modulation

Oscillator modulation

You can transfer the character of one sound to the other with oscillator modulation, like a sampled string to an analog square. You can control the modulation for either a very subtle or extremely aggressive effect.

Oscillator 1 uses two types of oscillator modulation to create different characteristics in a blended sound: Phase Modulation and Frequency Modulation. Disparate sounds can be made depending on the combination of waveforms generated by the two oscillators. Using oscillator modulation, particular characteristics of those waveforms can be seamlessly blended and enhanced to create a new kind of sound.

An analog triangle waveform will adopt much of the details of the modulating waveform and create an almost transparent, synthesised effect using Phase Modulation. An analog saw waveform will still sound hard when modulated, so wavetables can be used instead to create variations in tonal character.

Frequency Modulation has a greater effect, by widening the harmonic content and keeping more of the character of the original waveform.

SYNTH SECTION

2 part multitimbral synth section consisting of the following:

- **OSC1:** Triangle, Square, Saw (with sync), 62 wavetables, 3-operator FM, Noise.
- **OSC2:** Triangle, Square, Saw, up to 99 Sampled Instruments (user defined), 3-operator FM, 22 Sampled Waves. Transpose and Fine Tune.
- **Oscillator Modulation:** Frequency Modulation or Phase Modulation with Amount Control.
- **Filter:** 6 types of single or multi mode filters with Frequency, Resonance, Keyboard Tracking and Envelope control.
- **Amplifier Envelope:** ADSR controls.
- **Modulation Envelope:** selectable AD or AR controls.
- **LFO 1 Waveforms:** Square, inverted Saw, Triangle, Random and Soft Random.
- **LFO 2 Waveforms:** Square, Saw, Triangle, Random and Soft Random.
- **Mono Mode:** Mono or Legato with Glide-function.
- **Chorus:** 3 intensity settings.
- **EQ:** 2-band fixed.
- Output Level

PROGRAM SECTION

- 1024 program locations
- Slot A & B buttons
- Octave Shift

EFFECT SECTION

- Tube style Overdrive
- Stereo Delay with tap-tempo function.
- Reverb with 5 algorithms