



# Morgana

Morgana aims to provide an authentic representation of an early digital sampler, designed to be musical rather than accurate. Per voice Morgana offers extensively modeled VCFs and amp and filter envelopes. It also features a unique interpolation method that enhances digital artifacts, and a preamp to shape each sample, simulating a primitive analog-digital stage.

Morgana is also capable of sampling, either through its own inputs or through a technology entitled SampLink that effectively allows Morgana to sample from any track in a multitrack environment in a simple and no-hassle way.

Morgana comes with a custom recorded sample library of about 300 presets.

## Features

- Faithful representation of sampling technology circa 1984.
- High quality 4 pole lowpass filter per voice (analog modeled OTA design).
- Non-destructive input modeling, including samplerate adjustment and mic preamp.
- Vintage microprocessor emulation including modulator quantizing and digital crosstalk.
- Support for multiple output modes, including mono, stereo, pseudo- stereo, and pseudo-surround with up to 8 outputs.
- Dynamic multisample keymapping.
- Each copy of Morgana can be made to sound subtly different, just like analog hardware.
- Proprietary SampLink technology allows live sample recording across different applications.
- Specifically tailored for use in live performances.

## Specifications

- 16 voice digital sampler.
- Two part multitimbrality.
- 8-bit sampling rate.
- Variable sample rate from 10.1KHz to 29.41KHz.
- Two APDSR envelopes for filter and amplitude.
- Two sample oscillators per voice.
- 4-pole analog modeled filter per voice with cutoff and resonance controls.
- Keytracking generator for filter cutoff.
- Relative level, cutoff, transpose, and detune per sample.
- Non-destructive input modeling with antialias filter, mic preamp, and gain control.
- LFO with MIDI clock sync.
- Flexible MIDI learn system.
- SampLink technology for full-featured realtime sampling capabilities.
- Support for WAVE, AIFF, and ReCycle (.REX/.RX2) sample formats.
- Support for non-standard tunings through .SCL tuning files.



<http://112dB.com> • [info@112dB.com](mailto:info@112dB.com)

112dB • Pieter Nieuwlandstraat 35 bis • 3514 HC Utrecht • the Netherlands • +31.30.27.23.421

Chamber Of Commerce (KvK) • Utrecht, the Netherlands #30203803  
VAT number (Sales Tax, MWSt, BTW) • NL125035329.B01