

nord STAGE



AN ACOUSTIC GRAND PIANO • WURLITZER • E-PIANO • B3 ORGAN • VOX • FARFISA • SYNTHESIZER...

MADE IN SWEDEN BY CLAVIA DMI AB



THE PERFECT LIVE STAGE PIANO

Stunning acoustic grand samples, classic organs, electric pianos, clavinet, synthesizers, and every effect you're likely to want. A broad array of gorgeous classic sounds and effects that make you glad you're a keyboard player.



One dream, one package, one amazing instrument
– The Nord Stage.

Featuring the best of Clavia's award-winning technologies, the Nord Stage hosts three different instrument sections - Organ, Piano and Synth - plus an extensive effects section. You can use two sounds of each Section simultaneously - that's two Organ manuals, two Synths, and two Pianos. These can be combined in any split or layered configuration you need for your performance.

The Stage's user interface is designed from a basic concept: All vital functions are represented on the front panel - easy to access, and never further away than a press of a single button. After more than 20 years of experience in designing instruments to be used by professional musicians, we know how important it is to make the technology completely transparent for the user. With the Nord Stage you only need to focus on your performance, which means never having to struggle with the technology.

Our patented Pitch Stick and Modulation Wheel are included for maximum musical expression. A top-of-the-line weighted hammer-action keyboard makes you feel that the Stage's sound is balancing at the tip of your fingers, completely under your control. Our efficient Morph Grouping technique is also included, allowing you to assign sound and effects parameters to one physical controller.

All together, the Nord Stage is a musical, reliable, efficient, and roadworthy companion that delivers results, and provides the means to express your passion for playing. Choose from three models; 88, 76 or Compact.



THE ORGAN SECTION

The Organ Section offers three different organs. Of course, we included our famous B3 Organ model, giving you the most accurate and pleasing B3 next to the real thing.

The B3 Organ offers many innovative solutions to mimic the typical B3 sound, such as:

- A true organ architecture, based on digital models of 91 tonewheels, thus always giving full polyphony and overtones with natural warmth.
- A complex digital model of the original chorus & vibrato scanner.
- Modeling of the individual random contact bounces for each partial.
- Emulation of the unique frequency characteristics of the built-in preamplifier, forming the "body" of the B3 sound.
- Simulation of the energy stealth on the tonewheels that results in the typical compressed B3 sound.
- Authentic tuning of the tone wheels according to the original B3 design.
- True B3 swell-pedal characteristics.



We also created carefully modeled emulations of two of the most famous transistor organs from the 1960s, the Vox Continental and the Farfisa Compact.

"Draw buttons" and LED bar graphs have replaced the original mechanical drawbars. This gives you the advantage of always having the correct drawbar settings after changing preset.

SPLITS AND LAYERS

Setting up splits and layers has never been easier. In the Nord Stage you always have full control and visual overview of how the instrument sections are mapped throughout the keyboard.

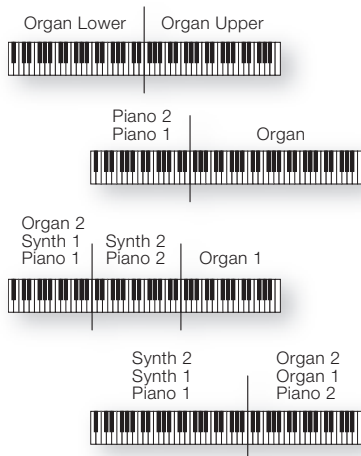


All sections have a dedicated level encoder and switches for keyboard zone assignments.



Ten LEDs are mounted at the rim of the keyboard to instantly show where the keyboard zones are located.

The Nord Stage supports three zones and there is no limitation in how the three instrument Sections - two Organ manuals, two Pianos and two Synths - can be assigned.



THE PIANO SECTION

The Piano Section includes six main sound groups: Grand Pianos, Upright Pianos, Electric Grand, Electric Pianos, Wurlitzer, and Clavinet.

Our commitment to authenticity is manifest in these pianos' subtle nuances throughout the whole dynamic range. The source instruments are recorded at multiple velocity levels, providing the most accurate and expressive pianos ever made for a digital keyboard. The key-releases were also sampled, creating the real sound of dampers returning when the keys are lifted.

The Acoustic Pianos are also recorded with sustain pedal down. When played with the sustain pedal, the Stage's pianos recreate the sympathetic string resonance produced by acoustic piano strings. This adds to the authenticity of the piano sounds by giving them natural body.

The Clavinet has an equalizer of its own, which mimics the original D6 tone tabs, and also includes the four Clavinet pickup selections.

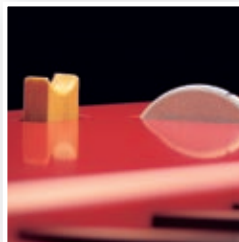
Pianos come in many varieties, and while a Steinway sounds great, it might not be the sound you need at the moment.

The piano section is very flexible, allowing the user to replace any piano with other sounds from Clavia's library of Piano samples free of charge. Use the Nord Stage's USB port and sample-dump software to swap sounds quickly from your Mac or PC.



PITCH STICK

Clavia's patented Pitch Stick removes the traditional pitch-bend detent, the unwanted dead zone or bump, and guarantees precise pitch control over your performance. The Pitch Stick and ModWheel assembly is thoughtfully canted to the left, matching the natural angle of your hand as you reach from the center of the keyboard.



APPEARANCE

The Nord Stage isn't just about smart design and gorgeous sound; it's about stage presence. Its bright red panel and red-varnished birch side panels give the Stage a classic style with modern sensibility.



ROTOR

The rotor effect is based on an emulation of a Leslie 122 rotating speaker cabinet and is the best available on a stage piano. The unit is ergonomically placed at the left near the organ section, where rotor speed can be changed with your left hand. The rotary speaker can also be assigned to a control pedal.



THE SYNTH SECTION

Don't let the panel fool you; the Stage's Synth Section is a wolf in sheep's clothing – small, but with a big sound.

After more than 10 years of designing synthesizers, we accepted a new challenge - designing a powerful synth with a few controls that would equal the quick and easy manipulation of the Organ and Piano sections. After all, why should you have to be an expert programmer to create lively and nuanced synth patches?

THE EXTERN SECTION

The Nord Stage wouldn't be a master keyboard if it couldn't control external devices with ease. The External Section is designed solely for this task, so that any MIDI-connected gear gets seamlessly integrated with the Stage's built-in instruments. Zones, splits and layers are handled exactly as if the external equipment was a part of the Stage itself. All settings are saved together with a Program so advanced setups can be immediately recalled in real-time during a performance.



Our response to that challenge is the Nord Stage's "power mini synth". The Synth was created on a multi-oscillator concept involving up to 9 oscillators per voice in different algorithms, all controlled from one button and one knob:

- Classic Analog Synthesis with dual saw, hard sync, and pulse wave modulation.
- Three-operator FM Synthesis with 32 different modulation frequencies.
- Wavetable Synthesis with 32 waveforms, a first for a Clavia synth.

With the Unison knob you can fatten your sound for lush pads, thick comps, and fiery leads. We've included a 12/24 dB LowPass Filter with resonance, an Amp envelope, a Modulation envelope, an LFO, and a two band equalizer.

Three different Synth banks are provided – Synth, Pad, and Lead – for the creation and storage of your own patches, and each bank holds up to 100 sound programs.

** Wurlitzer, Farfisa, Vox, Leslie, Clavinet and Steinway are trademarks of their respective owners and are not affiliated or associated with Clavia. These trademarks are mentioned only to describe the types of sounds reproduced by Nord Stage.*



CLAVINET

The Clavinet has an equalizer of its own, which mimics the original D6 tone tabs, and also includes the four Clavinet pickup selections.



DYNAMICS

The Nord Stage Piano sections also have 4 types of keyboard dynamic curves stored for each Program to tailor a specific piano sound to different music styles.



MORPHING

The unique Morph Grouping technology allows you to combine multiple parameters together into one physical controller. For example let the modulation wheel continuously change between two drawbars settings and at the same increase the speed of the rotating speaker effect.



EFFECTS

No sound is complete without the proper use of effects. In the Nord Stage we incorporated all the effects required to cover musicians' needs. All of the three instrument sections - Organ, Piano and Synth - can individually be routed through the Stage's built-in effect units. Turning the effects on and off, and controlling the routing is easily done by a touch of dedicated buttons, readily accessible at the bottom of each effects unit.

UNIT ONE

Here you can choose from Tremolo, two Wahs, an Auto-Wah, and an AutoPan. Use the AutoWah with a Clavinet for raw funk licks, create a psychedelic vibe with a Electric Piano on AutoPan, or give a Wurlitzer some body using the Tremolo. There is also a Ring Modulator on board, an effect used by many experimental and electronic musicians.



UNIT TWO

The two Phasers, two Flangers, and two Choruses are modeled from the classic analog stomp boxes that define popular music's sound. These swirling Phasers, metallic Flangers, and thick Choruses that are used by uncompromising professionals everywhere are crystal clear and faithfully simulated on the Nord Stage.

DELAY

A delay unit has been included to create haunting echoes or slap back effects. The delay also supports a ping-pong mode, and the tempo is easily adjusted with the tap-tempo button.

EQ/AMP SIMULATION

This effect section combines a three-band equalizer with a sophisticated amplifier and speaker cabinet modeler.

Classic amplifiers and speakers, are a crucial part to make vintage Electric piano sounds come alive. Clavia offers the famous sounds of tube amplifiers with a Twin Reverb, a Jazz Chorus 120 and a Wurlitzer speaker cabinet model. When no Amp Model is selected, the unit provides a neutral three-band EQ and a crunchy overdrive.

ROTARY SPEAKER

There is also a Rotary Speaker emulation based on the Leslie 122, which not only brings an essential character to a live organ performance, but can also be used with any of the electric or acoustic piano sounds or the synthesizer.

MASTER EFFECTS

Finally there is also a Compressor and a Reverb, which are placed at the end of the sound chain, helping to blend your sounds more naturally together. The Reverb unit has Hall, Stage and Room spaces to create different atmospheres for your sounds, while the simple Compressor helps you keep the overall mix tight and under control.



OSCILLATORS

The oscillator group in the synth section is a small miracle in itself. With up to nine oscillators per voice hiding behind the simple user interface of an algorithm/mode selector and a single knob, all the hassles of being a synth expert are removed.

Whatever sound you want – analog pads, synced leads, brassy stabs and comps, FM bells and celestas, Wavetable basses – just find your voice and play.



AMP SIMULATION

The special behavior of a tube amplifier and a speaker cabinet pushed to the limit is Overdrive, and has been exploited by musicians for decades. The AmpSim models faithfully reproduce the Overdrive response, giving your sound that authentic vintage character.

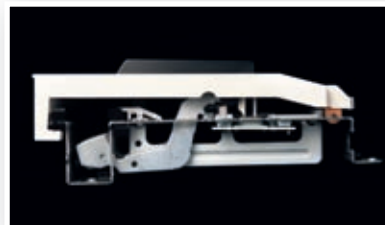
ROADWORTHY

The Nord Stage was constructed to be a roadworthy performance instrument. The chassis is made of a strong but lightweight metal, which protects the instrument from the rigors of touring and constant transportation. At 18.5/16.5 kg (approx. 41/36 lb US) it's easily one of the most portable stage pianos available.

KEYBOARD ACTION

Clavia carefully selected a keyboard from Fatar's professional keyboard line. The Nord Stage 88/76 hosts a weighted hammer-action keyboard with after-touch for the right dynamic feel.

Since the Stage is a multi-keyboard instrument Clavia developed different software techniques for simulating different types of keyboard action. The Pianos feature early hammer firing for fast and heavy play, and "bottom touch" for soft play. For the Clavinet we simulated the hammerless tapping of the strings, making staccato playing techniques more precise. For the Organs we created high-point triggering for a light touch and fast playing technique.



ARCHITECTURE

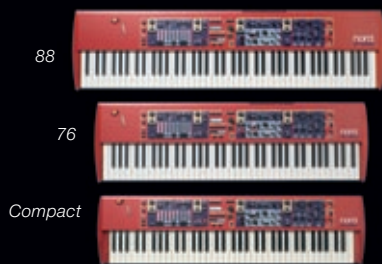
The top level of organization in the Nord Stage is the Program, which includes selected Piano, Synth, and Organ sounds, the effects setups, and their parameter settings. One of each Piano, Synth, and Organ can be layered together into a Panel, and there are two Panels per Program, A & B. The Panels can also be used together, providing the potential for 2 Pianos, 2 Organs, and 2 Synths – all with their own effects, zone, and parameter setups – to be used together within a single Program.

There are 21 Program Pages on the Nord Stage, and 6 sound locations per page, providing room for 126 Programs of your own design, each capable of storing simple or complex setups.

The six different instrument sections can be individually controlled via MIDI, thus making the Nord Stage a truly 6-part multitimbral instrument.

MODELS

The Nord Stage comes in three different models, 88, 76 and Compact. The 88 and 76 both feature weighted hammer-action keyboards while the compact is equipped with a semi-weighted organ (waterfall profile) keyboard.



Other than keyboard type and the number of accessories available, all three models share the same set of features.

FREE UPGRADES

OS upgrades, Piano samples and Programs can be downloaded free of charge from www.clavia.se



ACCESSORIES

The Nord Stage 88/76 can be fitted with legs reminiscent of a classic electric piano. The legs are very easy to assemble and disassemble for transport. The legs are optional and sold separately.



An easily attachable note stand is also available for the 88/76 models. (Revision B models only)



A semi-hard, padded, custom-sized gig bag with wheels is available for safe and comfortable transportation.

TECHNICAL SPECIFICATIONS

GENERAL

Master Level control
Wooden Pitch Stick
Modulation Wheel
21 x 6 Program Locations
2 Live Buffers
2 Individual Panel Setups
3 Morph sources (Modulation Wheel, Control Pedal, Aftertouch)

COMMON SECTION PARAMETERS

Level Control
Zone (split assignment) control

ORGAN SECTION

B3 Tone wheel organ
Vox Continental
Farfisa
Full Polyphony
9 digitally Controlled Drawbars
Percussion Controls
Vibrato / Chorus Control
2-Part Multitimbral (2 manuals)

PIANO SECTION

2 Acoustic Grands
2 Upright Pianos
3 Electric pianos (Mk I, II, V)
Wurlitzer A200 electric piano
Clavinet D6
CP-80 Electric Grand
40-60 Voices Polyphony
4 Selectable Velocity Curves
Clavinet EQ Controls
2-Part Multitimbral

SYNTH SECTION

10 Analog Modeling Waveforms - includes Dual Saw, Hard Sync and PWM
2 & 3 Operator FM synthesis
32 Wavetables
16 Voices Polyphony
Unison Control - with no reduction in polyphony
Timbre Controls
Amplitude Envelope
Modulation Envelope
12/24 dB LowPass Filter with Resonance
300 Memory Locations, 3 categories

2-Band Equalizer
2-Part Multitimbral

INSTRUMENT EFFECTS

Unit One- Ring Modulator, Tremolo, Pan, Wah 1, Wah 2, AutoWah
Unit Two - 2 Flangers, 2 Phasers, 2 Choruses
Delay - includes Ping Pong and Tap-Tempo Function
Amplifier/Speaker Simulation - includes Equalizer and Overdrive
Rotary Speaker - selectable Speed and Overdrive

MASTER EFFECTS

Compressor
Reverb - 5 algorithms

KEYBOARD

88/76: Weighted hammer action keys
Compact: 73 semi-weighted organ (waterfall profile) keys
Aftertouch
Supports 3 split zones with visual LED indication

CONNECTIONS

4 assignable Audio Outputs
Stereo Headphone Output
Sustain Pedal
Rotor Pedal
Organ Swell Pedal
Control Pedal
MIDI In
MIDI Out
USB

DIMENSIONS LxHxD mm / inches

88: 1297x121x342 / 51x4.5x13
76: 1132x121x342 / 45x4.5x13
Compact: 1111x102x295 / 44x4x12

WEIGHT

88: 18.5 kg / 41 lb
76: 16.5 kg / 36 lb
Compact: 9.7 kg / 21 lb



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