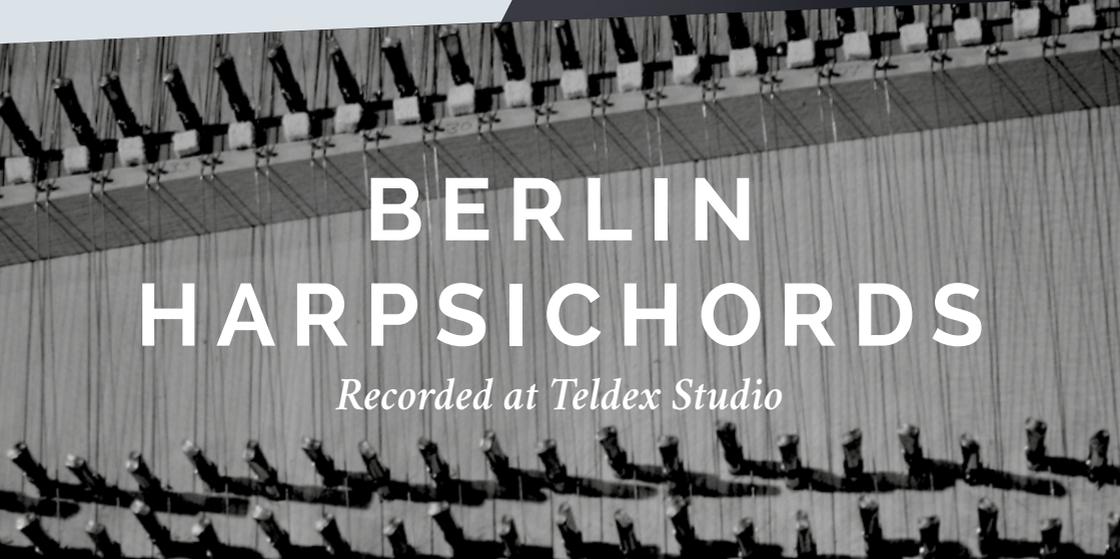




ORCHESTRAL TOOLS  
FINEST SYMPHONIC SAMPLING PROJECT



# BERLIN HARPSICHORDS

*Recorded at Teldex Studio*

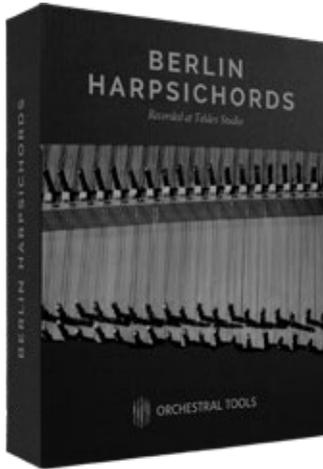
ARTICULATIONS

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FEATURES - COLORS - TECHNIQUES

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## BERLIN HARPSICHORDS

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### Berlin Harpsichords

## SPECIFICATIONS

- French Harpsichord
  - Italian Harpsichord
  - Both recorded with their full stop complement:
  - French: 8', 8', 2x8' combined, 2x8'+4' combined, Harp Stop
  - Italian: 8', 8', 2x8' combined
  - Round robins for sustains and staccatos
  - Harpsichords percussive effects
  - Recorded at the Teldex Scoring Stage
  - Full orchestral microphone set up
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- 15 GB of Samples (7GB compressed)
  - 24Bit / 48KHz Patches
  - Kontakt 5.8.1 full version is required to run this collection

## BERLIN HARPSICHORDS

Berlin Harpsichords is the latest sample collection in the renowned Berlin series by Orchestral Tools. Following the addition of new strings, woodwind, brass and percussion samples to the Berlin orchestral series, this collection is now introducing the rich, baroque sounds of two traditional harpsichords – French and Italian – opening up new avenues of possibility for users who are eager to broaden their palette of sounds.

The harpsichord samples have been recorded in different registers, ensuring that users have the flexibility they need to create the sound they are looking for. As with the Berlin series and other Orchestral Tools collections, the instruments were recorded at the Teldex Scoring Stage in Berlin, a distinctively balanced 450 m<sup>2</sup> hall with sublime acoustics and the finest microphones from the last five decades.

Users can choose from a total of six microphone positions – Close I, II, Close AB, AB, Tree, Surround – as well as having a wide range of harpsichord percussive effects at their disposal. With these, together with the sustain and staccato round robins contained in this collection, composers and producers will have the best possible tools for adding authentic harpsichord to their works.

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## FRENCH HARPSICHORD

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2x8 1x4 Sustains.....	2RRs
2x8 1x4 Staccato.....	3RRs
2x8 Sustains.....	2RRs
2x8 Staccato.....	3RRs
Front 8 Sustains.....	2RRs
Front 8 Staccato.....	3RRs
Back 8 Sustains.....	2RRs
Back 8 Staccato.....	3RRs
Harp Stop Sustains.....	2RRs
Harp Stop Staccato.....	3RRs
FX Staccato.....	3RRs

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## ITALIAN HARPSICHORD

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2x8 Sustains.....	2RRs
2x8 Staccato.....	3RRs
Front 8 Sustains.....	2RRs
Front 8 Staccato.....	3RRs
Back 8 Sustains.....	2RRs
Back 8 Staccato.....	3RRs

All articulations have a +12 dB version

# C.A.P.S

## CONTROL AND PERFORMANCE

Performance & Your Workflow

### THE CAPSULE

Capsule keeps all our different colors and articulations of the Berlin Series with care. It integrates perfectly into NI's Kontakt - the most popular sampler to date - and uses all its strengths and possibilities at the highest possible efficiency. Capsule will adapt to your personal workflow. Choose between single or multi-articulation patches. As an industry-first you are able to easily apply True Legato intervals of your choice to any long notes. You can morph from any articulation to any other within a multi-articulation patch. With polyphonic keyswitches you are able to stack different articulations on top of each other and all that without the need to create complicated maps and rules - it's simply playable! Our newly designed intelligent mixer will balance out all channels when you change the level of a single mic position. This way you can morph with ease through the different timbres of our mic positions and Capsule holds the volume in the meantime.

But Capsule is much more. It is the most flexible and intuitive sample organisation concept ever invented and is created by our scripting pro Stan Berzon.

Amazing times...

# S.U.L.E

E SYMPHONIC UTILITY ENGINE

## SPECIFICATIONS

Multi- and Single-Articulation Patches

Apply Adaptive Legato to any long note articulation

Polyphonic Keyswitch Concept

Stack and morph up to 4 articulations at the same time

Auto Gain: Our intelligent mixer holds the volume - whatever you do

Define your own Round Robin rules

Activate or deactivate specific dynamic layers

Unload unused Round Robins out of your RAM

# SINGLE Articulations



Capsule adjusts to your way of working, regardless whether you want a dedicated track for each articulation or if you wish to have as many articulations as possible on a single MIDI track. It's your choice with our single and multi patch design. Almost all features of our single patches are available, too, via the wrench button in our multi patches. Here are the features of Capsule; our new engine within Kontakt.

Intelligent Mixer with Auto-Gain (Volume Compensation), Audio Out Routing and Grouping Options

Deactivate specific Dynamic Layers

Define your own Round Robin rules

Add pre-defined dynamic filters for smoother dynamic blending

Purge specific Round Robins out of RAM

Controller Table: Add your own interpreter envelope curves to any MIDI CC

Switch between XFade dynamics or Velocity control

# MULTI

## Articulations



Apply True Legato to any long articulation!

Transform a trills or a tremolo articulation into a True Legato patch. Build your own combinations with up to 3 assignable legato speed slots per articulation, which will be triggered and will adapt to your playing speed. (e.g. at slow playing: Slurred Legato, on very fast performances fast runs).

Polyphonic Keyswitch Concept

Play up to 4 articulations simultaneously and choose in realtime between xfading, switching, 2D morphing via MIDI CC or velocity. You don't have to setup complicated sample maps and rules in advance. Just perform.

2D Morphing of articulations for sfx and sound design applications



## The Room

# TELDEX SCORING STAGE

Our carefully recorded collections of the Berlin Series were captured in one of the best acoustic spaces for orchestral productions. When it comes down to hundreds of notes played in parallel, the acoustic properties of the sampled material turn out to be one of the most crucial elements in terms of realistic and convincing mock-ups, where all individual instruments and sections need to merge together to create a full orchestral soundscape. The acoustic characteristics of the Teldex Scoring Stage are simply paramount: Instruments and sections blend together in a way never heard before; all these captured details will be there, even if the full orchestra is playing. Most orchestral libraries tend to be too wet to preserve details and flexibility, some are too dry to recreate a whole orchestral body. With the Berlin Series we present you the perfect balance between these two worlds.

Teldex looks back on a long tradition of many well-known and Grammy® Award-winning productions. Recordings were done for famous Orchestras like the Berlin Philharmonic Orchestra, London Symphony Orchestra or the Chicago Symphony Orchestra. A lot of film scores composed by Danny Elfman, Howard Shore, Alan Silvestri or David Newman were recorded in this unique sounding space.

*"Berlin Woodwinds was more than just a recording;  
it was done in one of the best places you can get..."*

Wolfgang Fraissinet,  
President of NEUMANN Microphones

*"When it comes to orchestral sampling, you've to care about three things:  
The concept, the musicians, and the acoustic space."*

Hendrik Schwarzer,  
composer, co-Founder of Orchestral Tools



NEW

# BALANCED

With our newest version of the Berlin Series, all instruments, dynamic ranges, articulations and microphone positions are balanced to keep the natural dynamics of a real orchestra within our Berlin Series.

**Articulations:** All articulations fit each other perfectly. Switching between articulations within the multi patches feels natural and fluid.

**Instruments:** The dynamic ranges of each instrument in our Berlin Series are modeled after reference recordings we did with a real orchestra. Also the volume relations between all instruments are preserved.

**Release Samples:** All release samples were re-edited to preserve the natural room acoustics within the samples.

**Mic Positions:** The mic positions are balanced to each other. This way you're able to use our new auto gain feature to blend through the microphone mix without losing the instrument volume relations.

THE MOST FLUID  
LEGATO



Over years of development Orchestral Tools finally built the most fluid legato concept in the industry which adjusts to any tempo and rhythmic situation. Our Adaptive Legato Engine detects your playing speed in real time and perfectly adjusts all variables within the engine to your performance. Agile lines as well as slow soaring melodies are now possible within a single patch. And with different True Legato speeds as captured in Berlin Strings the Adaptive Legato Engine reveals its true potential.

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Photos by: Sascha Knorr

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