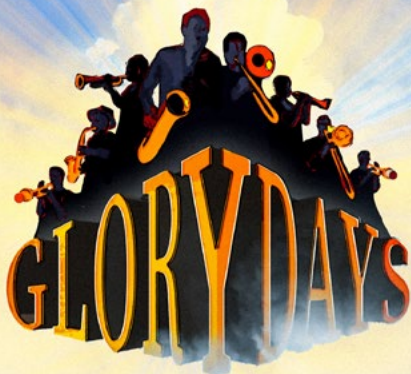




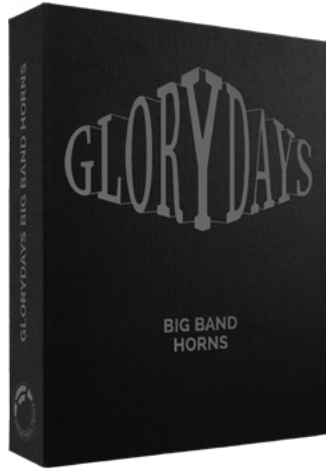
ORCHESTRAL TOOLS
FINEST SYMPHONIC SAMPLING PROJECT



BIG BAND HORNS

ARTICULATIONS

FEATURES - COLORS - TECHNIQUES



GLORY DAYS

BIG BAND HORNS

SPECIFICATIONS

- Full Big Band Horn Sections
 - 5 Saxophones
 - 4 Trombones
 - 4 Trumpets
 - Various Mutes for Trumpets and Trombones
 - Adaptive Legato
 - Various Big Band Style Shorts
 - Dynamics and Jazz Effects
 - Recorded at Teldex Scoring Stage Berlin
 - Based on Capsule for Kontakt
-
- 150 GB of samples (75 GB NCW compressed)
 - 24Bit / 48KHz Patches
 - Requires Kontakt Full 5.8.1

TRUMPET 1

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits2RRs
Marcato + Falls 2RRs
Staccato.....4RRs
Staccato Tongue4RRs
Staccatissimo..... 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes
Runs..... 4RRs

TRUMPET 1 - Bucket Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 1 - Cup Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Bends Short
Marcato + Doits 2RRs
Marcato + Falls..... 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Doits
Scoops

TRUMPET 1 - Harmon Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits..... 2RRs
Marcato + Falls..... 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 1 - Plunger

Sustains RV
Marcato..... 2RRs
Staccato Close 2RRs
Staccato Open..... 2RRs
Scoops
Do-Whap

TRUMPET 2

Legato + Doits
Legato + Falls
Sustains + Doits
Sustains + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccato 4RRs
Staccato Tongue 4RRs
Staccatissimo 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Shakes

TRUMPET 2 - Bucket Mute

Legato + Doits
Legato + Falls
Sustains + Doits
Sustains + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 2 - Cup Mute

Legato + Doits
Legato + Falls
Sustains + Doits
Sustains + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 2 - Harmon Mute

Legato + Doits
Legato + Falls
Sustains + Doits
Sustains + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 2 - Plunger

Sustains RV
Scoops
Do-Whap
Marcato 2RR
Staccato Close 2RRs
Staccato Open 2RRs

TRUMPET 3

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits2RRs
Marcato + Falls 2RRs
Staccato.....4RRs
Staccato Tongue4RRs
Staccatissimo..... 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes
Runs..... 4RRs

TRUMPET 3 - Bucket Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 2RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 3 - Cup Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 3 - Harmon Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits..... 2RRs
Marcato + Falls..... 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Scoops
Doits

TRUMPET 3 - Plunger

Sustains RV
Marcato
Close Staccato 2RRs
Open Staccato 2RRs
Scoops
Do-Whap

TRUMPET 4

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccato 4RRs
Staccato Tongue 4RRs
Staccatissimo 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes
Runs 4RRs

TRUMPET 4 - Bucket Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 4 - Cup Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo Cup 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 4 - Harmon Mute

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TRUMPET 4 - Plunger

Sustains RV
Open Staccato 2RRs
Close Staccato 2RRs
Scoops
Do-Whap

TRUMPET 4 - Solotone

Solotone Legato
Solotone Sustains WV
Solotone Sustains RV

TROMBONE 1

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccato 4RRs
Staccato Tongue 4RRs
Staccatissimo 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes

TROMBONE 1 - Bucket Mute

Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marc + Doits 2RRs
Marc + Falls 2RRs
Staccatissimo 2RRs
Falls Short
Falls Long
Bends Short

Doits
Scoops

TROMBONE 1 - Cup Mute

Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 2RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TROMBONE 1 - Harmon Mute

Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 2RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TROMBONE 1 - Plunger

Sustains RV
Marcato 2RRs
Open Staccato 2RRs
Close Staccato 2RRs
Scoops
Do-Whap

TROMBONE 1 - Solotone

Solotone Legato
Solotone Sustains WV

TROMBONE 2

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccato 4RRs
Staccato Tongue 4RRs
Staccatissimo 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes

TROMBONE 2 - Bucket Mute

Sustains WV + Falls
Sustains RV
Marcato + Falls
Staccatissimo 2RRs
Falls Short
Bends Short

TROMBONE 2 - Cup Mute

Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Short
Falls Long
Doits
Scoops

TROMBONE 2 - Harmon Mute

Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo 4RRs
Falls Long
Bends Short
Doits
Scoops

TROMBONE 2 - Plunger

Staccato Open 2RRs
Staccato Close 2RRs
Do-Whap
Marcato 2RRs

TROMBONE 2 - Solotone

Legato Solotone
Sustains RV Solotone

TROMBONE 3

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits2RRs
Marcato + Falls 2RRs
Staccato Open.....4RRs
Staccato Tongue4RRs
Staccatissimo..... 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes

TROMBONE 3 - Bucket Mute

Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccatissimo.....4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TROMBONE 3 - Cup Mute

Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls..... 2RRs
Staccatissimo 3RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TROMBONE 3 - Harmon Mute

Sustains WV + Doits
Sustains WV +Falls
Sustains RV
Marcato + Doits..... 2RRs
Marcato + Falls 2RRs
Staccatissimo..... 4RRs
Falls Short
Falls Long
Bends Short
Doits
Scoops

TROMBONE 3 - Plunger

Sustains RV
Marcato 2RRs
Staccato Open..... 2RRs
Staccato Close 2RRs
Scoops
Do-Whaps

TROMBONE 3 - Solotone

Solotone Legato
Solotone Sustains RV
Solotone Staccatissimo..... 2RRs

TROMBONE 3 - Pixie

Pixie Marcato
Pixie Staccatissimo..... 2RRs
Pixie Scoops

BASS TROMBONE

Legato + Doits
Legato + Falls
Sustains + Doits
Sustains + Falls
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccato..... 4RRs
Staccato Tongue 4RRs
Staccatissimo..... 4RRs
Crescendo Short
Crescendo Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops

BASS TROMBONE - Bucket Mute

Marcato..... 2RRs
Staccatissimo..... 2RRs

BASS TROMBONE - Cup Mute

Marcato 2RRs
Staccatissimo 2RRs

BASS TROMBONE - Plunger

Sustains RV
Open Staccato 2RRs
Close Staccato 2RRs

ALTO SAX 1

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits 2RRs
Marcato + Falls 2RRs
Staccato 4RRs
Staccato Tongue 4RRs
Staccatissimo 4RRs
Crescendo Short
Crescendo Long
Swells Short RV
Swells Long RV
Swells Short WV
Swells Long WV
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes
Runs..... 4RRs

ALTO SAX 2

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains RV
Marcato + Doits2RRs
Marcato + Falls2RRs
Staccato.....4RRs
Staccato Tongue4RRs
Staccatissimo.....4RRs
Crescendo Short
Crescendo Long
Swells RV Short
Swells WV Short
Swells RV Long
Swells WV Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes
Runs.....4RRs

TENOR SAX 1

Legato + Doits
Legato + Falls
Legato Slow Espressivo + Doits
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits2RRs
Marcato + Falls2RRs
Staccato.....4RRs
Staccato Tongue4RRs

Staccatissimo.....4RRs
Crescendo Short
Crescendo Long
Swells WV Short
Swells WV Long
Swells RV Short
Swells RV Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long
Bends Short
Doits
Scoops
Shakes
Runs4RRs

TENOR SAX 2

Legato + Doits
Legato + Falls
Sustains WV + Doits
Sustains WV + Falls
Sustains RV
Marcato + Doits.....2RRs
Marcato + Falls2RRs
Staccato4RRs
Staccato Tongue.....4RRs
Staccatissimo.....4RRs
Crescendo Short
Crescendo Long
Swells RV Short
Swells RV Long
Swells WV Short
Swells WV Long
Sforzando Short
Sforzando Long
Falls Short
Falls Long

Bends Short	
Doits	
Scoops	
Shakes	
Runs.....	4RRs

BARITONE SAX

Legato + Doits	
Legato + Falls	
Sustains WV + Doits	
Sustains WV + Falls	
Sustains RV	
Marcato + Doits	2RRs
Marcato + Falls	2RRs
Staccato.....	4RRs
Staccato Tongue	4RRs
Staccatissimo	4RRs
Crescendo Short	
Crescendo Long	
Sforzando Short	
Sforzando Long	
Falls Short	
Falls Long	
Bends Short	
Doits	
Scoops	
Runs.....	4RRs

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..."*

*"When it comes to orchestral sampling, you've to care about three
things:*

The concept, the musicians, and the acoustic space."

Hendrik Schwarzer,



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.

Orchestraltools.com
by Schwarzer & Mantik GmbH

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Orchestral Tools is a project driven by the Schwarzer & Mantik GmbH. Our general Terms and Conditions shall apply and are recognized by your order on our website at orchestraltools.com.

Photos by: Robin Lambrecht, Sascha Knorr and Florian Döhning

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