

Vienna Instruments
Special Editions
User Manual

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Introduction

Welcome to the Vienna Symphonic Library, and thank you for purchasing one (or all) of our Special Edition volumes! This document contains the mapping information for all volumes of the Vienna Instruments Special Editions. You will find in it a comprehensive survey of the articulations/Patches content, a listing of abbreviations, and the mapping list proper which gives details for every Patch, Matrix, and Preset.

Special Edition Volumes

The Vienna Special Edition currently consists of 4 volumes, two of which also have a separately available “PLUS” version containing additional articulations, thus making it easy to configure your virtual orchestra according to your needs (and means). Here are the contents of these volumes:

Volume 1	Solo strings, Orchestral Strings, Harp 1 Piccolo flute, Flute 1 French oboe, English horn (French) Clarinet in Bb, Bass clarinet Bassoon, Contra bassoon Triple horn, Horn ensemble (4 players) Trumpet in C, Trumpet ensemble (3 players) Tenor trombone, Bass trombone, Trombone ensemble (3 players) Bass tuba Timpani, Drums, Cymbals and gongs, Percussion, Tubular bells, Plate bells Boesendorfer grand piano, Celesta, Glockenspiel, Xylophone, Vibraphone, Marimbaphone
Volume 1 PLUS	Additional articulations for strings, woodwinds, and brass instruments
Volume 2	Chamber strings, Appassionata strings (bonus material) Flute 2, Alto flute, Flute ensemble (3 players) Viennese oboe, Oboe d'amore, Oboe ensemble (3 players) Small clarinet in Eb, Bass horn, Clarinet ensemble (3 players) Bassoon ensemble (3 players) Alto saxophone, Tenor saxophone, Baritone saxophone Viennese horn, Horn ensemble (8 players) Piccolo trumpet, Trumpet in C, muted, Trumpet ensemble (3 players) muted Tenor trombone, muted, Contrabass trombone, Trombone ensemble (3 players) muted Contrabass tuba, Wagner tuba Harpsichord, Konzerthaus organ Concert guitar, Electric guitar, distorted
Volume 2 PLUS	Additional articulations for strings, woodwinds, and brass instruments
Volume 3	Solo strings, muted Chamber strings, muted Appassionata strings, normal and muted Harp 2
Volume 4	Bass flute English horn (Viennese), Heckelphone Contrabass clarinet Bassoon 2 Soprano saxophone, Bass saxophone Trumpet ensemble (6), Bass trumpet, Cornet, Flugelhorn, Trumpet in Bb Alto Trombone Euphonium, Cimbasso Vienna Choir: Soprano (16), Alto (10), Tenor (10), Bass (8)

Patch information

The Patch information includes articulation type, playing range, number of samples used, RAM requirements, the number of velocity layers and alternations, AB switching possibilities, etc., as well as Patch specific information if necessary.

Where the type of articulation requires a special mapping (e.g., percussion Patches), the mapping layout will be shown in a detailed graphic.

The Patch information also lists a Patch's velocity layers in detail. Velocity layer switches generally are the same for patches with the same number of layers but may occasionally be adapted to the instrument's requirements:

Layers	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6
2	1-88	89-127				
3	1-55	56-88	89-127			
4	1-55	56-88	89-108	109-127		
5	1-24	25-55	56-88	89-108	109-127	
6	1-24	25-55	56-88	89-108	109-118	119-127

Interval performances

Interval performances are one of the outstanding features of our Vienna Instruments. They allow you to play authentic legato without any programming tricks. In our Silent Stage, all intervals from minor second to the octave were recorded for every instrument – up and down, of course; that makes 24 interval samples per note for one velocity alone! When you load an interval performance Patch and play a line on your keyboard, the software automatically joins the right samples with their interval transitions again, and you hear a perfect legato. By the way, this technique is not only used for legato but also for other articulations like the strings' portamento, marcato, or détaché and spiccato articulations.

Interval performances also contain at least two legato repetitions for every note which alternate automatically whenever you strike a key more than once. There also are preconfigured thresholds for legato and repetition notes: The legato threshold – i.e., the maximum break between notes where legato is played – is 50 ms. Otherwise, a sustained starting note will sound so that you can easily start a new phrase without leaving the legato Patch. For note repetitions, the threshold is 200 ms: a break up to that duration will yield a legato repetition; if the break is longer, a new starting note. But of course, it's mingling legato with other articulations which makes a piece really come alive.

Due to their nature, all interval performances are monophonic; otherwise, the software would have to be able to decide which source note belongs to which target note. To circumvent this, you can open two VI instances of the same instrument on separate MIDI tracks without any additional strain on your RAM.

Note: the **Vienna Instruments PRO** player software also allows you to play polyphonic Interval performances.

Another variety of interval performance you will come across is the "legato-sus" Patch. These Patches also contain normal legatos, only the target note of each interval is crossfaded into a looped sustain. They can be used for slower pieces with long notes; however, you should use them with circumspection, since plain legatos sound more lively because they not only render the interval transitions as they were played, but also have different target samples for every interval instead of the same sustained note: When you play, e.g., c-e and then c#-e with normal legato, you will get two different "e" tones; with sus-legato you won't.

Matrix information

Each Matrix listing contains information regarding the Patches used for the Matrix, the number of horizontal and vertical dimensions, and switching properties. A mapping table shows the Cell positions for each of the Matrix' Patches.

A/B switching normally is set to A0 for upward/crescendo, and B0 for downward/diminuendo. However, some bass instruments go below that range so that the A/B keys have to be adapted accordingly. For example, the A/B switches for double bass are A0 and A#0 because the instrument's lower range extends to B0.

In order to facilitate working with **MIDI controller switches** like the Modulation wheel, the switching positions are not distributed equally across the controller range if they control more than two Matrix rows or columns; generally, the switching range will be narrower at the extreme positions because they are easy to set, and wider in the middle where it is harder to find the desired setting.

Speed controller switches naturally are adjusted to the Patches involved, and have been tested carefully as to their playability. However, if you find that they do not fit your playing, or want to try out other settings, you can change this as well as any other controller's settings at the **Control edit** page, and save the result in your Custom Matrix folder.

Vienna Instruments PRO 2 Matrices

The Special Edition Volumes also contain Matrices specially designed for Vienna Instruments PRO 2 which are not explicitly listed in this Manual. For further information on these Matrices and their features, please refer to the document "Vienna Instruments PRO 2 – Special Editions Matrices & Presets" which can be downloaded from our [User Area](#).

Preset information

The Preset information lists the Matrices used in the Preset as well as its keyswitches. All other information can be gathered from the Matrix and Patch listings, so there's not really much to say here. Please note that the Matrices of a Preset can also be switched with MIDI Program Changes (VI: 101–112; VI PRO: 1–127) instead of keyboard notes, and if you like to keep your keyboard free for playing instead of switching, you can disable Preset keyswitching and only use MIDI Program Changes. Vienna Instruments PRO also allows you to define a MIDI Control for Preset keyswitching.

Abbreviations

Here's a list of abbreviations in Patch names, which will help you to determine a Patch's content even without the help of the Vienna Instruments browser. Please note that not all of the abbreviations may occur in the manual on hand.

Abbreviation	Meaning	Abbreviation	Meaning
+	faster articulation (runs and arpeggios)	li	light
150, 160, ...	150, 160, ... BPM (beats per minute)	lo	long
1s, 2s, ...	tone length 1 sec., 2 sec., ...	ma	major
acc	accelerando	me	medium
all	combination of all Patches of a category	mi	minor
arp	arpeggio	mord	mordent
cre	crescendo	nA	normal attack
dim	diminuendo	noVib	without vibrato
dm	diminished (arpeggios)	perf-rep	repetition performance
dyn	dynamics (crescendo and diminuendo)	por	portato
dyn5, dyn9	dynamics, 5/9 repetitions	run	octave run
fa	fast	sA	soft attack
faT	fast triplets	sl	slow
fA	fast attack	sta, stac	staccato
fA_auto	attack automation (normal/fast attack)	str	strong
fast-rep	fast repetitions	sus	sustained
flatter	flutter tonguing	T	triplets
fx	effect – flute: tongue-ram staccato	UB	upbeat
hA	hard attack	UB-a1, -a2	1, 2 upbeats
leg	legato	v1, v2 ...	1st, 2nd, ... variation
		Vib	with (medium) vibrato
		Vib-progr	progressive vibrato
		XF	Cell crossfade Matrix

Articulations

Volume 1	
Solo strings, Orchestral Strings	Staccato, détaché, sustained, sforzato Legato, portamento Tremolo, pizzicato
Harp 1	Single notes, normal and harmonics
Woodwind and brass instruments	Staccato, sustained, sforzato Legato
Timpani, Drums, Cymbals and gongs, Percussion	According to instrument
Tubular bells, Plate bells Boesendorfer grand piano, Celesta, Glockenspiel, Xylophone, Vibraphone, Marimbaphone	Single notes

Volume 1 PLUS	
Solo strings, Orchestral Strings	Short détaché Fortepiano Snap pizzicato Col legno Trills, half and whole tone Repetition performances, legato and spiccato Fast repetitions, 3 speeds Artificial harmonics, staccato and sustained Ponticello, staccato, sustained, tremolo
Woodwind and brass instruments	Portato Fortepiano Trills, half and whole tone (where playable) Repetition performances, legato and staccato Fast repetitions, 3 speeds

Volume 2	
Chamber strings	Staccato, détaché, sustained, sforzato Legato, portamento Tremolo, pizzicato
Appassionata strings (bonus material)	Staccato, sustained
Woodwind and brass instruments	Staccato, sustained, sforzato Legato
Harpichord	Single notes, 8' register
Konzerthaus organ	Plenum manual and pedal, Flutes manual and pedal
Concert guitar	Staccato, sustained with and without vibrato, legato
Distorted guitar	Staccato, sustained with and without vibrato, with whammy bar Legato variations

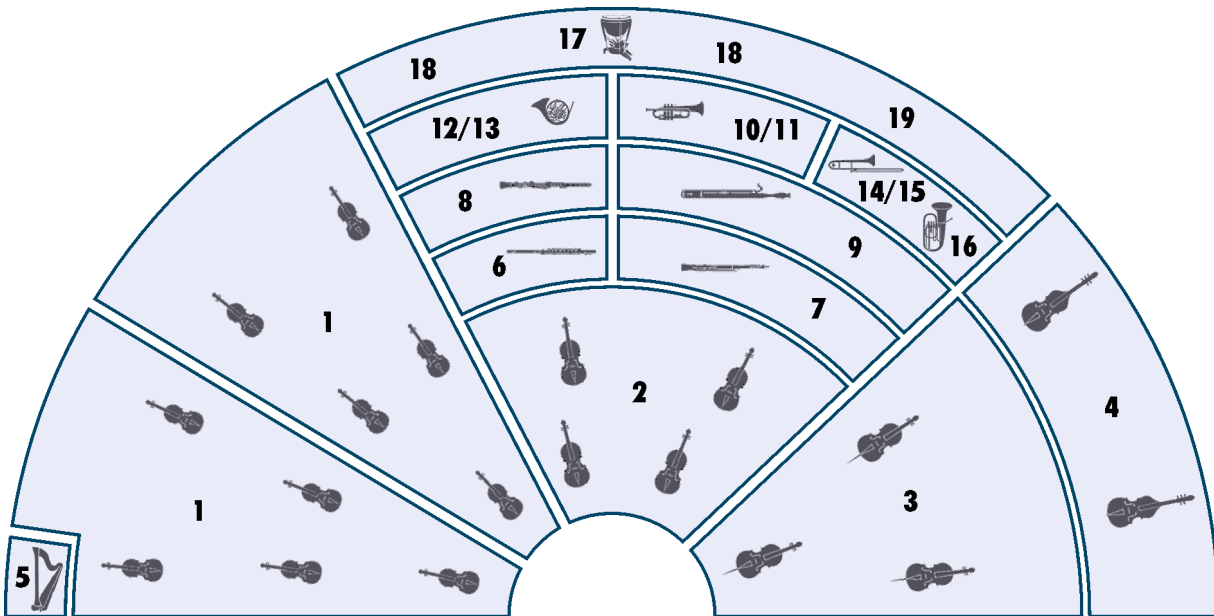
Volume 2 PLUS	
Chamber strings	Short détaché, fortepiano, snap pizzicato Trills half and whole tone Repetition performances, legato and spiccato Fast repetitions, 3 speeds (not for all instruments) Artificial harmonics, staccato and sustained
Appassionata strings (bonus material)	Muted, staccato and sustained
Woodwind and brass instruments	Portato, fortepiano Trills half and whole tone Repetition performances, legato and staccato Fast repetitions, 3 speeds

Volume 3	
Solo strings, muted Chamber strings, muted	Staccato, détaché, sustained, sforzato Legato, portamento Tremolo, pizzicato
Harp 2	Single notes, normal and harmonics
Appassionata strings, normal and muted	Staccato, détaché, sustained, sforzato Legato, portamento (except basses) Tremolo, pizzicato

Volume 4	
Woodwind and brass instruments	Staccato, sustained, sforzato Legato
Choir	"AA", staccato, sustained, sforzato "AA", legato

The orchestra

There are several ways of setting up an orchestra, depending on the era of the piece played, the type of the piece and the instruments it requires, and even on the preference of the conductor. The figure below shows one of the more common setups, which can be taken as a guideline for mixing a composition, properly positioning the instruments in the stereo field and adding reverb according to the size of the concert hall you want your piece to be played in.



- | | |
|---------------------------|---------------------------------|
| 1 1st and 2nd violin | 9 Bassoon, contrabassoon |
| 2 Viola | 10/11 Trumpet |
| 3 Cello | 12/13 Horn |
| 4 Double bass | 14/15 Trombone |
| 5 Harp | 16 Tuba |
| 6 Concert flute, piccolo | 17 Timpani |
| 7 Oboe, English horn | 18 Drums, cymbals |
| 8 Clarinet, bass clarinet | 19 other percussion instruments |

Pitch

For designating pitch, the Vienna Symphonic Library uses International Pitch Notation (IPN), which was agreed upon internationally under the auspices of the Acoustical Society of America. In this system the international standard of A=440 Hz is called A4 and middle C is C4. All pitches are written as capital letters, their respective octave being indicated by a number next to it. The lowest C on the piano is C1 (the A below that is A0), etc.

You can tune your Vienna Instruments to other players, or adjust it to tunings of earlier musical periods by setting the Perform page's Master Tune option within a range of 420 to 460 Hz.

Special Edition V1

Patches

01 Solo Strings

Violin
Viola
Cello
Double bass

Articulations:

Staccato, détaché, sustained, sforzato
Legato, portamento
Tremolo, pizzicato

01S VI staccato	Range: G3–A#7	Samples: 156	RAM: 9 MB
Violin solo Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
02S VI detache	Range: G3–A#7	Samples: 156	RAM: 9 MB
Violin solo Single notes: Détaché 3 velocity layers: 0–55 pp; 56–108 f; 109–127 ff 2 Alternations			
03S VI sustain	Range: G3–A#7	Samples: 234	RAM: 14 MB
Violin solo Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples 2 Alternations			
04S VI sforzato	Range: G3–A#7	Samples: 26	RAM: 1 MB
Violin solo Single notes: Sforzato 1 velocity layer			
05S VI legato	Range: G3–C7	Samples: 1002	RAM: 62 MB
Violin solo Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

06S VI portamento	Range: G3–C7	Samples: 1004	RAM: 62 MB
Violin solo Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
07S VI tremolo	Range: G3–A#7	Samples: 156	RAM: 9 MB
Violin solo Single notes: Tremolo, sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			
08S VI pizz	Range: G3–A#7	Samples: 104	RAM: 6 MB
Violin solo Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
11S VA staccato	Range: C3–G#6	Samples: 138	RAM: 8 MB
Viola solo Single notes: Staccato 3 velocity layers: 0–55 pp; 56–108 f; 109–127 ff 2 Alternations			
12S VA detache	Range: C3–G#6	Samples: 138	RAM: 8 MB
Viola solo Single notes: Détaché 3 velocity layers: 0–55 mp; 56–108 f; 109–127 ff 2 Alternations			
13S VA sustain	Range: C3–G#6	Samples: 198	RAM: 12 MB
Viola solo Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples 2 Alternations			
14S VA sforzato	Range: C3–G#6	Samples: 22	RAM: 1 MB
Viola solo Single notes: Sforzato 1 velocity layer			
15S VA legato	Range: C3–D6	Samples: 903	RAM: 56 MB
Viola solo Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

16S VA portamento	Range: C3–D6	Samples: 886	RAM: 55 MB
Viola solo Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
17S VA tremolo	Range: C3–G#6	Samples: 136	RAM: 8 MB
Viola solo Single notes: Tremolo, sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			
18S VA pizz	Range: C3–G#6	Samples: 92	RAM: 5 MB
Viola solo Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
21S VC staccato	Range: C2–G6	Samples: 162	RAM: 10 MB
Cello solo Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
22S VC detache	Range: C2–G6	Samples: 162	RAM: 10 MB
Cello solo Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
23S VC sustain	Range: C2–G6	Samples: 243	RAM: 15 MB
Cello solo Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 f; 109–127 ff Release samples 2 Alternations			
24S VC sforzato	Range: C2–G6	Samples: 27	RAM: 1 MB
Cello solo Single notes: Sforzato 1 velocity layer			
25S VC legato	Range: C2–A5	Samples: 1065	RAM: 66 MB
Cello solo Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

26S VC portamento	Range: C2–A#5	Samples: 1063	RAM: 66 MB
Cello solo Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
27S VC tremolo	Range: C2–G6	Samples: 162	RAM: 10 MB
Cello solo Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
28S VC pizz	Range: C2–G6	Samples: 162	RAM: 10 MB
Cello solo Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
31S DB staccato	Range: B0–G4	Samples: 114	RAM: 7 MB
Bass solo Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 f; 109–127 ff 2 Alternations			
32S DB detache	Range: B0–G4	Samples: 114	RAM: 7 MB
Bass solo Single notes: Détaché 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
33S DB sustain	Range: B0–G4	Samples: 171	RAM: 10 MB
Bass solo Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples 2 Alternations			
34S DB sforzato	Range: B0–G4	Samples: 19	RAM: 1 MB
Bass solo Single notes: Sforzato 1 velocity layer			
35S DB legato	Range: B0–C4	Samples: 688	RAM: 43 MB
Bass solo Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

36S DB portamento	Range: B0–C4	Samples: 672	RAM: 42 MB
Bass solo Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
37S DB tremolo	Range: B0–G4	Samples: 114	RAM: 7 MB
Bass solo Single notes: Tremolo, sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			
38S DB pizz	Range: B0–G4	Samples: 114	RAM: 7 MB
Bass solo Single notes: Pizzicato 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 mf 2 Alternations			
03 Orchestral Strings			
Violin ensemble (14 players) Viola ensemble (10 players) Cello ensemble (8 players) Double bass ensemble (6 players)			
Articulations: Staccato, détaché, sustained, sforzato, legato, portamento, tremolo, pizzicato			
01S VI-14 staccato	Range: G3–A#7	Samples: 156	RAM: 9 MB
Violin ensemble, 14 players Single notes: Staccato 3 velocity layers: 0–55 mf; 56–108 f; 109–127 ff 2 Alternations			
02S VI-14 detache	Range: G3–C#7	Samples: 126	RAM: 7 MB
Violin ensemble, 14 players Single notes: Détaché 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
03S VI-14 sustain	Range: G3–A#7	Samples: 157	RAM: 9 MB
Violin ensemble, 14 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff Release samples			

04S VI-14 sforzato	Range: G3–C#7	Samples: 21	RAM: 1 MB
Violin ensemble, 14 players Single notes: Sforzato 1 velocity layer			
05S VI-14 legato	Range: G3–D7	Samples: 1130	RAM: 70 MB
Violin ensemble, 14 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
06S VI-14 portamento	Range: G3–C7	Samples: 541	RAM: 33 MB
Violin ensemble, 14 players Interval performances: Portamento, forte Monophonic 1 velocity layer Release samples			
07S VI-14 tremolo	Range: G3–D7	Samples: 126	RAM: 7 MB
Violin ensemble, 14 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
08S VI-14 pizz	Range: G3–D7	Samples: 132	RAM: 8 MB
Violin ensemble, 14 players Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff 2 Alternations			
11S VA-10 staccato	Range: C3–G#6	Samples: 138	RAM: 8 MB
Viola ensemble, 10 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
12S VA-10 detache	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 10 players Single notes: Détaché 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f 2 Alternations			
13S VA-10 sustain	Range: C3–G#6	Samples: 132	RAM: 8 MB
Viola ensemble, 10 players Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 f; 109–127 ff Release samples			

14S VA-10 sforzato	Range: C3–D6	Samples: 19	RAM: 1 MB
Viola ensemble, 10 players Single notes: Sforzato 1 velocity layer			
15S VA-10 legato	Range: C3–C6	Samples: 1019	RAM: 63 MB
Viola ensemble, 10 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
16S VA-10 portamento	Range: C3–C6	Samples: 452	RAM: 28 MB
Viola ensemble, 10 players Interval performances: Portamento, forte Monophonic 1 velocity layer Release samples			
17S VA-10 tremolo	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 10 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
18S VA-10 pizz	Range: C3–D6	Samples: 76	RAM: 4 MB
Viola ensemble, 10 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
21S VC-8 staccato	Range: C2–A#5	Samples: 144	RAM: 9 MB
Cello ensemble, 8 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
22S VC-8 detache	Range: C2–D5	Samples: 114	RAM: 7 MB
Cello ensemble, 8 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
23S VC-8 sustain	Range: C2–A#5	Samples: 139	RAM: 8 MB
Cello ensemble, 8 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			

24S VC-8 sforzato Cello ensemble, 8 players Single notes: Sforzato 1 velocity layer	Range: C2–D5	Samples: 19	RAM: 1 MB
25S VC-8 legato Cello ensemble, 8 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: C2–C#5	Samples: 1004	RAM: 62 MB
26S VC-8 portamento Cello ensemble, 8 players Interval performances: Portamento, forte Monophonic 1 velocity layer Release samples	Range: C2–D5	Samples: 480	RAM: 30 MB
27S VC-8 tremolo Cello ensemble, 8 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples	Range: C2–D5	Samples: 114	RAM: 7 MB
28S VC-8 pizz Cello ensemble, 8 players Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations	Range: C2–D5	Samples: 95	RAM: 5 MB
31S DB-6 staccato Bass ensemble, 6 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations	Range: B0–A4	Samples: 138	RAM: 8 MB
32S DB-6 detache Bass ensemble, 6 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations	Range: B0–D4	Samples: 120	RAM: 7 MB
33S DB-6 sustain Bass ensemble, 6 players Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: B0–A4	Samples: 92	RAM: 5 MB

34S DB-6 sforzato	Range: B0–D4	Samples: 20	RAM: 1 MB
Bass ensemble, 6 players Single notes: Sforzato 1 velocity layer			
35S DB-6 legato	Range: B0–G#3	Samples: 842	RAM: 52 MB
Bass ensemble, 6 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
36S DB-6 portamento	Range: B0–G#3	Samples: 381	RAM: 23 MB
Bass ensemble, 6 players Interval performances: Portamento, forte Monophonic 1 velocity layer Release samples			
37S DB-6 tremolo	Range: B0–D4	Samples: 118	RAM: 7 MB
Bass ensemble, 6 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
38S DB-6 pizz	Range: B0–D4	Samples: 80	RAM: 5 MB
Bass ensemble, 6 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
41S Strings staccato	Range: B0–A#7	Samples: 372	RAM: 23 MB
String ensemble Single notes: Staccato Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–C5; Violins C4–A#7 3 velocity layers 2 Alternations			
42S Strings detache	Range: B0–C#7	Samples: 342	RAM: 21 MB
String ensemble Single notes: Détaché Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–B4; Violins C4–C#7 3 velocity layers 2 Alternations			
43S Strings sustain	Range: B0–A#7	Samples: 340	RAM: 21 MB
String ensemble Single notes: Sustained Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–B4; Violins C4–A#7 3 velocity layers Release samples			

44S Strings sfz	Range: B0–C#7	Samples: 57	RAM: 3 MB
String ensemble Single notes: Sforzato Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–B4; Violins C4–C#7 1 velocity layer			
45S Strings tremolo	Range: B0–D7	Samples: 346	RAM: 21 MB
String ensemble Single notes: Tremolo, sustained Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–C5; Violins C4–D7 3 velocity layers Release samples			
46S Strings pizz	Range: B0–D7	Samples: 283	RAM: 17 MB
String ensemble Single notes: Pizzicato Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–C5; Violins C4–D7 3 velocity layers 2 Alternations			
05 Harp			
Harp normal Harp harmonics			
01 HA normal	Range: B0–A7	Samples: 126	RAM: 7 MB
Harp: Single notes 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
02 HA harmonics	Range: E3–A6	Samples: 20	RAM: 1 MB
Harp: Harmonics (flageolet), piano 1 velocity layer			
11 Flutes			
Piccolo flute Flute 1			
Articulations: Staccato, sustained, sforzato, legato			
01S PFL staccato	Range: C5–C8	Samples: 92	RAM: 5 MB
Piccolo flute Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

02S PFL sustain	Range: C5–C#8	Samples: 92	RAM: 5 MB
Piccolo flute Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
03S PFL sforzato	Range: C5–C8	Samples: 18	RAM: 1 MB
Piccolo flute Single notes: Sforzato 1 velocity layer			
04S PFL legato	Range: C5–C8	Samples: 809	RAM: 50 MB
Piccolo flute Interval performances: Legato Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
05S PFL legato-sus	Range: C5–C8	Samples: 809	RAM: 50 MB
Piccolo flute Interval performances: Legato, notes crossfading into sustains Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11S FL1 staccato	Range: A#3–D7	Samples: 120	RAM: 7 MB
Flute 1 Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff 2 Alternations			
12S FL1 sustain	Range: A#3–D7	Samples: 118	RAM: 7 MB
Flute 1 Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			
13S FL1 sforzato	Range: A#3–C7	Samples: 19	RAM: 1 MB
Flute 1 Single notes: Sforzato 1 velocity layer			
14S FL1 legato	Range: A#3–C7	Samples: 954	RAM: 59 MB
Flute 1 Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

15S FL1 legato-sus	Range: A#3–C7	Samples: 954	RAM: 59 MB
Flute 1 Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
12 Oboes			
French oboe English horn Articulations: Staccato, sustained, sforzato, legato			
01S OBfr staccato	Range: A3–F#6	Samples: 102	RAM: 6 MB
French oboe Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
02S OBfr sustain	Range: A3–F#6	Samples: 103	RAM: 6 MB
French oboe Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 f; 109–127 ff Release samples			
03S OBfr sforzato	Range: A3–G6	Samples: 18	RAM: 1 MB
French oboe Single notes: Sforzato 1 velocity layer			
04S OBfr legato	Range: A3–F6	Samples: 904	RAM: 56 MB
French oboe Interval performances: Legato			
05S OBfr legato-sus	Range: A3–F6	Samples: 904	RAM: 56 MB
French oboe Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
31S EH staccato	Range: D#3–C6	Samples: 102	RAM: 6 MB
English horn Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			

32S EH sustain	Range: D#3–C6	Samples: 102	RAM: 6 MB
English horn Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples			
33S EH sforzato	Range: D#3–C6	Samples: 17	RAM: 1 MB
English horn Single notes: Sforzato 1 velocity layer			
34S EH legato	Range: D#3–C6	Samples: 799	RAM: 49 MB
English horn Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
35S EH legato-sus	Range: D#3–C6	Samples: 833	RAM: 52 MB
English horn Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

13 Clarinets

Clarinet in Bb
Bass clarinet

Articulations:

Staccato, sustained, sforzato,
legato

11S CLBb staccato	Range: C3–G6	Samples: 132	RAM: 8 MB
Clarinet in Bb Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f 2 Alternations			
12S CLBb sustain	Range: C3–G6	Samples: 132	RAM: 8 MB
Clarinet in Bb Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f Release samples			
13S CLBb sforzato	Range: C3–G6	Samples: 22	RAM: 1 MB
Clarinet in Bb Single notes: Sforzato 1 velocity layer			

14S CLBb legato	Range: C3–E6	Samples: 1354	RAM: 84 MB
Clarinet in Bb Interval performances: Legato Monophonic 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f Release samples			
15S CLBb legato-sus	Range: C3–E6	Samples: 1374	RAM: 85 MB
Clarinet in Bb Interval performances: Legato, notes crossfading into sustains Monophonic 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f Release samples			
21S BCL staccato	Range: A#1–B5	Samples: 156	RAM: 9 MB
Bass clarinet Single notes: Staccato 3 velocity layers: 0–55 pp; 56–108 p; 109–127 f 2 Alternations			
22S BCL sustain	Range: A#1–B5	Samples: 156	RAM: 9 MB
Bass clarinet Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
23S BCL sforzato	Range: A#1–B5	Samples: 26	RAM: 1 MB
Bass clarinet Single notes: Sforzato 1 velocity layer			
24S BCL legato	Range: A#1–F#5	Samples: 1104	RAM: 69 MB
Bass clarinet Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
25S BCL legato-sus	Range: A#1–F#5	Samples: 1104	RAM: 69 MB
Bass clarinet Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

14 Bassoons

Bassoon
Contra bassoon

Articulations:

Staccato, sustained, sforzato,
legato

01S BA staccato	Range: A#1–F5	Samples: 126	RAM: 7 MB
Bassoon Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff 2 Alternations			
02S BA sustain	Range: A#1–F5	Samples: 126	RAM: 7 MB
Bassoon Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
03S BA sforzato	Range: A#1–F5	Samples: 21	RAM: 1 MB
Bassoon Single notes: Sforzato 1 velocity layer			
04S BA legato	Range: A#1–D5	Samples: 1057	RAM: 66 MB
Bassoon Interval performances: Legato			
05S BA legato-sus	Range: A#1–D5	Samples: 1057	RAM: 66 MB
Bassoon Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
11S CBA staccato	Range: A#0–A#3	Samples: 114	RAM: 7 MB
Contra bassoon Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
12S CBA sustain	Range: A#0–A#3	Samples: 114	RAM: 7 MB
Contra bassoon Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
13S CBA sforzato	Range: A#0–A#3	Samples: 19	RAM: 1 MB
Contra bassoon Single notes: Sforzato 1 velocity layer			

14S CBA legato	Range: A#0–A#3	Samples: 875	RAM: 54 MB
Contra bassoon Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
15S CBA legato-sus	Range: A#0–A#3	Samples: 875	RAM: 54 MB
Contra bassoon Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
21 Horns			
Triple horn Horn ensemble (4 players)			
Articulations:			
Staccato, sustained, sforzato, legato			
11S HOtr staccato	Range: A1–G5	Samples: 138	RAM: 8 MB
Triple horn Single notes: Staccato 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f 2 Alternations			
12S HOtr sustain	Range: A1–G5	Samples: 115	RAM: 7 MB
Triple horn Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			
13S HOtr sforzato	Range: A1–G5	Samples: 23	RAM: 1 MB
Triple horn Single notes: Sforzato 1 velocity layer			
14S HOtr legato	Range: A1–G5	Samples: 1118	RAM: 69 MB
Triple horn Interval performances: Legato Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			

15S HOtr legato-sus	Range: A1–G5	Samples: 1164	RAM: 72 MB
Triple horn Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
21S HO-a4 staccato	Range: G2–D#5	Samples: 84	RAM: 5 MB
Horn ensemble, 4 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
22S HO-a4 sustain	Range: G2–D#5	Samples: 84	RAM: 5 MB
Horn ensemble, 4 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
23S HO-a4 sforzato	Range: G2–E5	Samples: 14	RAM: 1 MB
Horn ensemble, 4 players Single notes: Sforzato 1 velocity layer			
24S HO-a4 legato	Range: G2–C5	Samples: 500	RAM: 31 MB
Horn ensemble, 4 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
25S HO-a4 legato-sus	Range: G2–C5	Samples: 504	RAM: 31 MB
Horn ensemble, 4 players Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			

22 Trumpets

Trumpet in C
Trumpet ensemble (3 players)

Articulations:

Staccato, sustained, sforzato,
legato

11S TrC staccato	Range: E3–C#6	Samples: 86	RAM: 5 MB
Trumpet in C Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff 2 Alternations			

12S TrC sustain	Range: E3–C#6	Samples: 94	RAM: 5 MB
Trumpet in C Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
13S TrC sforzato	Range: E3–C#6	Samples: 15	RAM: 1 MB
Trumpet in C Single notes: Sforzato 1 velocity layer			
14S TrC legato	Range: E3–C6	Samples: 710	RAM: 44 MB
Trumpet in C Interval performances: Legato 2 velocity layers: 0–88 p; 89–127 f Release samples			
15S TrC legato-sus	Range: E3–C6	Samples: 738	RAM: 46 MB
Trumpet in C Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
31S Tr-a3 staccato	Range: F#3–C#6	Samples: 86	RAM: 5 MB
Trumpet ensemble, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
32S Tr-a3 sustain	Range: F#3–C#6	Samples: 90	RAM: 5 MB
Trumpet ensemble, 3 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
33S Tr-a3 sforzato	Range: F#3–C#6	Samples: 14	RAM: 1 MB
Trumpet ensemble, 3 players Single notes: Sforzato 1 velocity layer			
34S Tr-a3 legato	Range: F#3–C#6	Samples: 605	RAM: 37 MB
Trumpet ensemble, 3 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

35S Tr-a3 legato-sus	Range: F#3-C#6	Samples: 633	RAM: 39 MB
<p>Trumpet ensemble, 3 players Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			
23 Trombones			
<p>Tenor trombone Bass trombone Trombone ensemble (3 players)</p> <p>Articulations: Staccato, sustained, sforzato, legato</p>			
01S TTB staccato	Range: C2-D5	Samples: 102	RAM: 6 MB
<p>Tenor trombone Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff 2 Alternations</p>			
02S TTB sustain	Range: C2-D5	Samples: 102	RAM: 6 MB
<p>Tenor trombone Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples</p>			
03S TTB sforzato	Range: C2-D5	Samples: 17	RAM: 1 MB
<p>Tenor trombone Single notes: Sforzato 1 velocity layer</p>			
04S TTB legato	Range: C2-D5	Samples: 796	RAM: 49 MB
<p>Tenor trombone Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			
05S TTB legato-sus	Range: C2-D5	Samples: 796	RAM: 49 MB
<p>Tenor trombone Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			

21S BTB staccato	Range: C1–E4	Samples: 114	RAM: 7 MB
Bass trombone Single notes: Staccato 3 velocity layers: 0–55 mf; 56–108 f; 109–127 ff 2 Alternations			
22S BTB sustain	Range: C1–E4	Samples: 114	RAM: 7 MB
Bass trombone Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples			
23S BTB sforzato	Range: C1–E4	Samples: 19	RAM: 1 MB
Bass trombone Single notes: Sforzato 1 velocity layer			
24S BTB legato	Range: C1–E4	Samples: 875	RAM: 54 MB
Bass trombone Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 mf Release samples			
25S BTB legato-sus	Range: C1–E4	Samples: 912	RAM: 57 MB
Bass trombone Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 mf Release samples			
41S TB-a3 staccato	Range: C2–A#4	Samples: 90	RAM: 5 MB
Trombone ensemble, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
42S TB-a3 sustain	Range: C2–A#4	Samples: 90	RAM: 5 MB
Trombone ensemble, 3 players Single notes: Sustained 3 velocity layers: 0–55 mf; 56–108 f; 109–127 ff Release samples			
43S TB-a3 sforzato	Range: C2–A#4	Samples: 15	RAM: 1 MB
Trombone ensemble, 3 players Single notes: Sforzato 1 velocity layer			

44S TB-a3 legato	Range: C2-A#4	Samples: 605	RAM: 37 MB
<p>Trombone ensemble, 3 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			
45S TB-a3 legato-sus	Range: C2-A#4	Samples: 633	RAM: 39 MB
<p>Trombone ensemble, 3 players Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			
24 Tubas			
<p>Bass tuba</p> <p>Articulations: Staccato, sustained, sforzato, legato</p>			
01S TU staccato	Range: D1-G4	Samples: 114	RAM: 7 MB
<p>Tuba Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations</p>			
02S TU sustain	Range: D1-G4	Samples: 114	RAM: 7 MB
<p>Tuba Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f Release samples</p>			
03S TU sforzato	Range: D1-G4	Samples: 19	RAM: 1 MB
<p>Tuba Single notes: Sforzato 1 velocity layer</p>			
04S TU legato	Range: D1-F#4	Samples: 875	RAM: 54 MB
<p>Tuba Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			
05S TU legato-sus	Range: D1-F#4	Samples: 912	RAM: 57 MB
<p>Tuba Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			

31 Percussion

Timpani
Drums
Cymbals and gongs
Percussion
Tubular bells
Plate bells
Articulations according to instrument

01 Timpani Single-Hits

Range: A#1–C7

Samples: 156

RAM: 9 MB

Timpani: Single hits, normal

6 velocity layers: 0–35 ppp; 36–70 p; 71–88 mf; 89–108 f; 109–118 ff; 119–127 fff

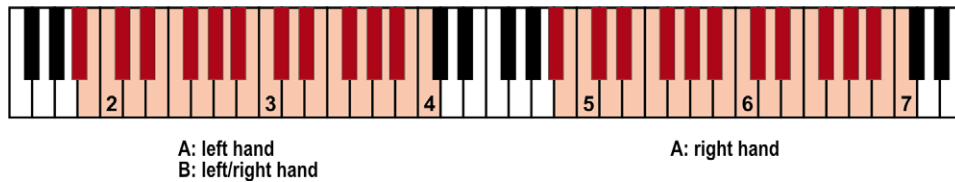
2 Alternations

AB switch: alternation left/right

Mapping:

A#1–C4: left hand/(right hand)

A#4–C7: right hand



02 Timpani Single-Hits secco

Range: A#1–C7

Samples: 156

RAM: 9 MB

Timpani: Single hits, secco

6 velocity layers: 0–35 ppp; 36–70 p; 71–88 mf; 89–108 f; 109–118 ff; 119–127 fff

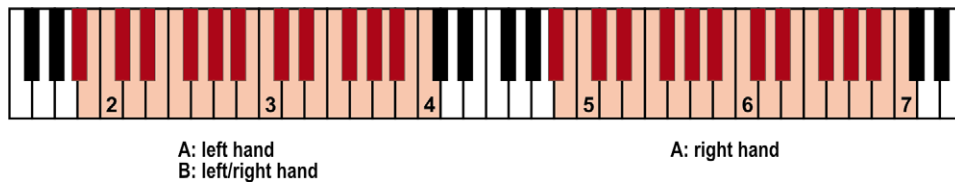
2 Alternations

AB switch: alternation left/right

Mapping:

A#1–C4: left hand/(right hand)

A#4–C7: right hand



03 Timpani roll

Range: A#1–C7

Samples: 258

RAM: 16 MB

Timpani: Rolls

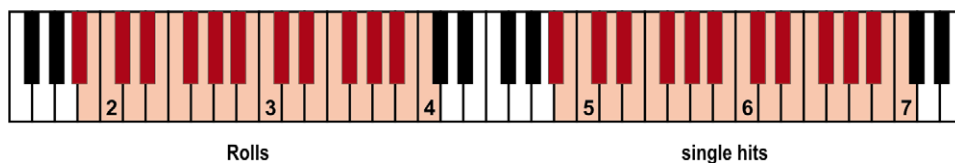
6 velocity layers: 0–35 ppp; 36–70 p; 71–88 mf; 89–108 f; 109–118 ff; 119–127 fff

Release samples

Mapping:

A#1–C4: Rolls

A#4–C7: Single hits



11 Drums**Range: C2–B7****Samples: 279****RAM: 17 MB**

Taiko drums, bass drum, snare drum, snare drum ensemble (4 players), opera tambourine, concert tom: Single notes and rolls

All rolls are equipped with release samples

6 velocity layers: 0–30 pp; 31–50 p; 51–70 mp; 71–90 mf; 91–110 f; 111–127 fff

AB switch: release duration long/short

Mapping:**Taiko drums: C2–B2**

C, D: Single hits var. 1 (left/right)

C#, F#, A#: Tremolo var. 1–3 (AB switch long/short release)

F, G: Single hits var. 2 (left/right)

A, B: Single hits var. 3 (left/right)

Bass drum: C3–A3

C, D: Single hits (left/right)

C#: Tremolo

F–A: 1–3 upbeats

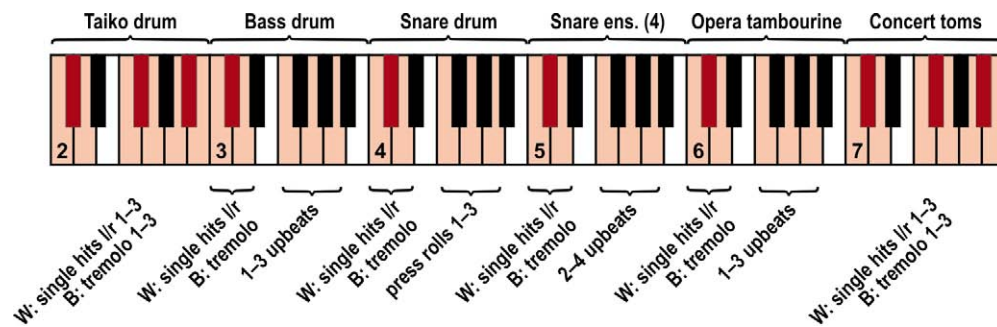
Concert tom: C7–B7

C, D: Single hits var. 1 (left/right)

C#, F#, A#: Tremolo var. 1–3

F, G: Single hits var. 2 (left/right)

A, B: Single hits var. 3 (left/right)



21 Cymbals+Gongs**Range: C2-A#6****Samples: 149****RAM: 9 MB**

Gongs played with soft felt mallets, suspended cymbals, a-due cymbals, tam-tam: Single notes and rolls

6 velocity layers: Gongs: 0–70 mp; 71–100 f; 101–127 ff

Others: 0–30 pp; 31–50 p; 51–70 mp; 71–90 mf; 91–110 f; 111–127 fff

Release samples

AB switch: release duration long/short

Mapping:**Gongs:** C2–A#4, single notes**Suspended cymbals:** C5–B5

C, D: single hits, soft mallet

C#, D#: single hits, damped

F: tremolo (AB switch long/short release)

G, A, B: tremolo crescendo, 1/2/4 sec.

A-due cymbals: C6–D#6

C, D: Single hits, var. 1/2

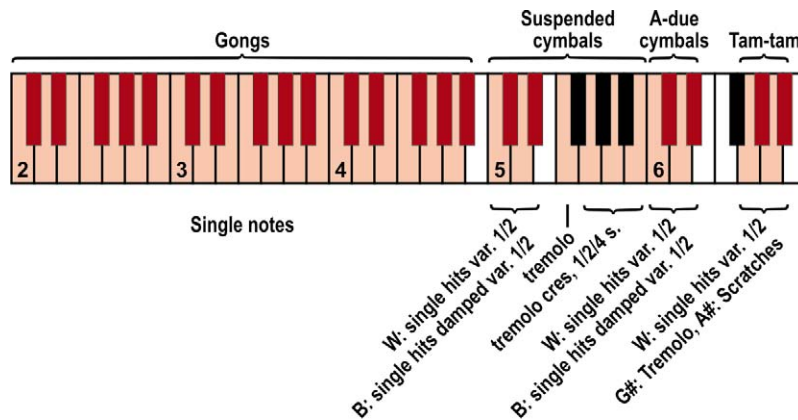
C#, D#: Single hits, damped, var. 1/2

Tam-tam: G6–A#6

G, A: Single hits, left/right

G#: Tremolo (with release samples)

A#: Scratches, extra long (with release samples)



31 Percussion**Range: C1–F#7****Samples: 131****RAM: 8 MB**

Thundersheet, railway rails, metal chimes, table castanets, triangle, crotales: Various articulations depending on instrument

6 velocity layers: Rails: 0–55 p; 56–108 mf; 109–127 f

Triangle: 0–30 pp; 31–50 p; 51–70 mp; 71–90 mf; 91–110 f; 111–127 ff

Crotales: 0–110 p, 111–127 f

Release samples

AB switch: release duration long/short

Mapping:**Thundersheet:** C1–B1

C: Tremolo

C#, D#: shake forte/piano

D, E: rub var. 1/2

F, G: bowed var. 1/2

F#, G#: Single hits var. 1/2

A, B: metal chain var. 1/2

Railway rails: C2–B2 (2 alternations)

C, D: Rail 1, single hits left/right

F, G: Rail 2, single hits left/right

A, B: Rail 3, single hits left/right

Metal chimes: C3–B3

C, D: up/down, slow

F, G: up/down, fast

A, B: high/low sound

Table castanets: C4–B4

C, D: Single hits, left/right (2 alternations)

C#: Tremolo, 8 sec.

E–A: 1–4 upbeats

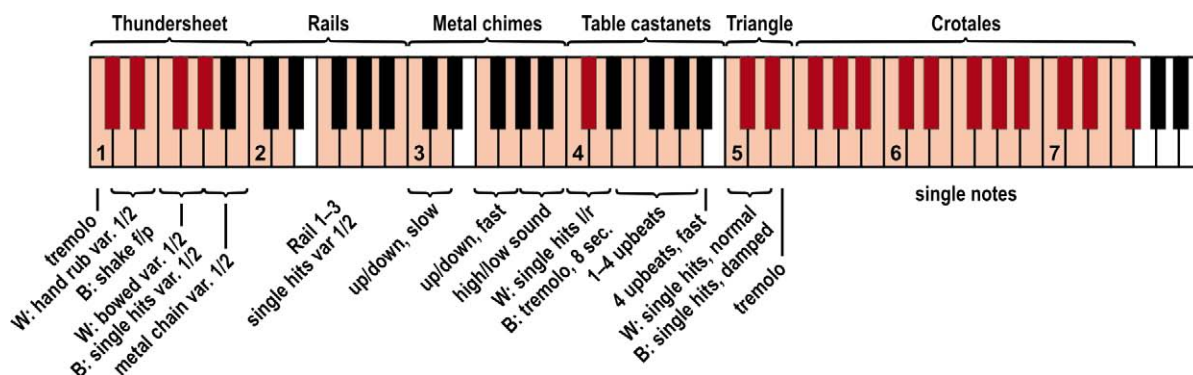
B: 4 upbeats, fast

Triangle: C5–E5

C, D: Single hits, normal

C#, D#: Single hits, damped

E: tremolo (AB switch long/short release)

Crotales: F5–F#7, single hits (sounds an octave higher than mapped)**41 Tubular Bells****Range: E3–G5****Samples: 39****RAM: 2 MB**

Tubular bells: Single notes

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

42 Plate Bells**Range: A#2–D5****Samples: 39****RAM: 2 MB**

Plate bells: Single notes

3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff

32 Keyboards+Mallets

Boesendorfer grand piano
 Celesta
 Glockenspiel
 Xylophone
 Vibraphone
 Marimbaphone

01 Bosendorfer pedal up	Range: C0–C8	Samples: 171	RAM: 10 MB
Boesendorfer grand piano: Single notes, pedal up 3 velocity layers: 0–55 ppp; 56–108 mp; 109–127 ff			
02 Bosendorfer pedal down	Range: C0–C8	Samples: 171	RAM: 10 MB
Boesendorfer grand piano: Single notes, pedal down 3 velocity layers: 0–55 ppp; 56–108 mp; 109–127 ff			
31 Celesta	Range: C2–F7	Samples: 102	RAM: 6 MB
Celesta: Single notes The instrument is mapped an octave lower than it sounds 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f			
32 Celesta soft	Range: C2–F7	Samples: 102	RAM: 6 MB
Celesta: Single notes, soft The instrument is mapped an octave lower than it sounds 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f			
41 Glockenspiel	Range: F4–D7	Samples: 54	RAM: 3 MB
Glockenspiel: Single notes The instrument is mapped an octave lower than it sounds 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
51 Xylophone	Range: F3–C7	Samples: 69	RAM: 4 MB
Xylophone: Single notes The instrument is mapped an octave lower than it sounds			
61 Vibraphone motor off	Range: D#3–G6	Samples: 57	RAM: 3 MB
Vibraphone: Single notes, motor off (no vibrato) 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
62 Vibraphone motor on	Range: D#3–G6	Samples: 38	RAM: 2 MB
Vibraphone: Single notes, motor on (fast vibrato) 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
71 Marimbaphone	Range: C2–C7	Samples: 93	RAM: 5 MB
Marimbaphone: Single notes, soft mallet 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f			

99 Release

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

01 Solo strings

01S Solo violin

Samples: 2619 RAM: 163 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

02S Solo viola

Samples: 2326 RAM: 145 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

03S Solo cello

Samples: 2814 RAM: 175 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

04S Solo bass

Samples: 1873 RAM: 117 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

05S Solo violin + violin - 8va**Samples: 2619 RAM: 163 MB**

Violin + octave transposition

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	staccato	détaché	sustained	portamento	sforzato	tremolo	pizzicato

06S Solo violin + viola - 8va**Samples: 4945 RAM: 309 MB**

Violin + viola octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	staccato	détaché	sustained	portamento	sforzato	tremolo	pizzicato

07S Solo viola + cello - 8va**Samples: 5140 RAM: 321 MB**

Viola + cello octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the highest notes of these Patches only play a single instrument

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	staccato	détaché	sustained	portamento	sforzato	tremolo	pizzicato

08S Solo cello + bass - 8va**Samples: 4687 RAM: 292 MB**

Cello + bass octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	staccato	détaché	sustained	portamento	sforzato	tremolo	pizzicato

03 Orchestral strings**21S Strings violins****Samples: 2189 RAM: 136 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

22S Strings violas**Samples: 1877 RAM: 117 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

23S Strings cellos**Samples: 1912 RAM: 119 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

24S Strings basses**Samples: 1647 RAM: 102 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

25S Strings violins + violins - 8va**Samples: 2189 RAM: 136 MB**

Violins + octave transposition

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

26S Strings violins + violas - 8va**Samples: 4066 RAM: 254 MB**

Violins + violas octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

27S Strings violas + cellos - 8va**Samples: 3789 RAM: 236 MB**

Violas + cellos octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

28S Strings cellos + basses - 8va**Samples: 3559 RAM: 222 MB**

Cellos + basses octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

29S Strings all**Samples: 1740 RAM: 108 MB**

Staccato, détaché, sustained, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest bass notes (B0–D1) in this Matrix are superseded by keyswitches

Matrix switches: Horizontal: Keyswitches, A0–D#1 Vertical: Modwheel, 2 zones

	A0	A#0	B0	C1	C#1	D1
V1	staccato	détaché	sustained	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	sforzato	trem./stacc. attack	pizzicato

05 Harp**41S Harp****Samples: 146 RAM: 9 MB**

Single notes: Normal and harmonics

Matrix switches: Vertical: Modwheel, 2 zones

	H1
V1	normal
V2	harmonics

11 Flutes**01S Piccolo****Samples: 973 RAM: 60 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

02S Flute 1**Samples: 1133 RAM: 70 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

06S Piccolo + flute 1 - 8va**Samples: 2106 RAM: 131 MB**

Piccolo + Flute 1 octave

Staccato, sustained, sforzato, legato

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

12 Oboes**11S Oboe french****Samples: 1043 RAM: 65 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

14S English horn**Samples: 986 RAM: 61 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

16S Oboe + english horn - 8va**Samples: 2012 RAM: 125 MB**

Oboe + English horn octave
 Staccato, sustained, sforzato, legato
 Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

13 Clarinets**22S Clarinet Bb****Samples: 1534 RAM: 95 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

23S Bass clarinet**Samples: 1318 RAM: 82 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

26S Clarinet Bb + bass - 8va**Samples: 2832 RAM: 177 MB**

Bb clarinet + bass clarinet octave

Staccato, sustained, sforzato, legato

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

14 Bassoons**31 Bassoon****Samples: 1267 RAM: 79 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

32 Contra bassoon**Samples: 1027 RAM: 64 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

34 Bassoon + contra - 8va**Samples: 2294 RAM: 143 MB**

Bassoon + contra bassoon octave

Staccato, sustained, sforzato, legato

Please note that the highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C6–D#6

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato

21 Horns**02S Horn triple****Samples: 1371 RAM: 85 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

03S Horn ensemble - a4**Samples: 616 RAM: 38 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

22 Trumpets**12S Trumpet C****Samples: 878 RAM: 54 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

14S Trumpet ensemble**Samples: 733 RAM: 45 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

23 Trombones**21S Tenor trombone****Samples: 966 RAM: 60 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

23S Bass trombone**Samples: 1064 RAM: 66 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

25S Trombone ensemble**Samples: 753 RAM: 47 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

27S Tenor trombone + bass - 8va**Samples: 1993 RAM: 124 MB**

Tenor + bass trombone octave

Staccato, sustained, sforzato, legato

Please note that the highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

24 Tubas**31S Tuba****Samples: 1045 RAM: 65 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

31 Keyboards**01S Bosendorfer****Samples: 342 RAM: 21 MB**

Single notes, pedal up and down

Controller switch: Sustain pedal (MIDI cc64)

Matrix switches: Vertical: Pedal up/down (MIDI cc64)

	H1
V1	pedal up
V2	pedal down

04S Celesta**Samples: 102 RAM: 6 MB**

Single notes: Normal and soft

Matrix switches: Horizontal: Keyswitches, C1–C#1

	C1	C#1
V1	normal	soft

32 Mallets**05S Glockenspiel**

Single notes

Samples: 54**RAM: 3 MB****06S Xylophone**

Single notes

Samples: 69**RAM: 4 MB****07S Vibraphone**

Single notes: Motor off (no vibrato) and on (vibrato)

Matrix switches: Horizontal: Keyswitches, C1–C#1**Samples: 95****RAM: 5 MB**

	C1	C#1
V1	motor off	motor on

08S Marimbaphone

Single notes

Samples: 93**RAM: 5 MB****33 Percussion****11S Timpani**

Single hits normal and secco

Rolls

Matrix switches: Horizontal: Keyswitches, C1–D1**Samples: 492****RAM: 30 MB**

	C1	C#1	D1
V1	single hits normal	single hits secco	rolls

12S Drums

Taiko drums, bass drum, snare drum, snare drum ensemble (4 players), opera tambourine, concert tom: Single notes and rolls (see Patch information)

Samples: 279**RAM: 17 MB****13S Cymbals+Gongs**

Gongs, suspended cymbals, a-due cymbals, tam-tam: Single notes and rolls (see Patch information)

Samples: 149**RAM: 9 MB****14S Percussion**

Thundersheet, railway rails, metal chimes, table castanets, triangle, crotales: Various articulations depending on instrument (see Patch information)

Samples: 131**RAM: 8 MB****15S Tubular Bells**

Single notes

Samples: 39**RAM: 2 MB****16S Plate Bells**

Single notes

Samples: 39**RAM: 2 MB**

Presets

SE01 Preset Solo Strings

Samples: 9632 RAM: 602 MB

Matrices:

01S Solo violin
 02S Solo viola
 03S Solo cello
 04S Solo bass
 05S Solo violin + violin - 8va
 06S Solo violin + viola - 8va
 07S Solo viola + cello - 8va
 08S Solo cello + bass - 8va
 Preset keyswitches: E7–B7

SE03 Preset Orchestral Strings

Samples: 7625 RAM: 476 MB

Matrices:

21S Strings violins
 22S Strings violas
 23S Strings cellos
 24S Strings basses
 25S Strings violins + violins - 8va
 26S Strings violins + violas - 8va
 27S Strings violas + cellos - 8va
 28S Strings cellos + basses - 8va
 29S Strings all
 Preset keyswitches: E7–C8

SE05 Preset Harp

Samples: 146 RAM: 9 MB

Matrix: 41S Harp

SE11 Preset Flutes

Samples: 2106 RAM: 131 MB

Matrices:

01S Piccolo
 02S Flute 1
 06S Piccolo + flute 1 - 8va
 Preset keyswitches: G1–A1

SE12 Preset Oboes

Samples: 2029 RAM: 126 MB

Matrices:

11S Oboe french
 14S English horn
 16S Oboe + english horn - 8va
 Preset keyswitches: G1–A1

SE13 Preset Clarinets

Samples: 1852 RAM: 115 MB

Matrices:

22S Clarinet Bb
 23S Bass clarinet
 26S Clarinet Bb + bass - 8va
 Preset keyswitches: G1–A1

SE14 Preset Bassoons	Samples: 1304	RAM: 81 MB
Matrices: 31 Bassoon 32 Contra bassoon 34 Bassoon + contra - 8va Preset keyswitches: G6–A6		
SE21 Preset Horns	Samples: 1987	RAM: 124 MB
Matrices: 02S Horn triple 03S Horn ensemble - a4 Preset keyswitches: G1–G#1		
SE22 Preset Trumpets	Samples: 1611	RAM: 100 MB
Matrices: 12S Trumpet C 14S Trumpet ensemble Preset keyswitches: G1–G#1		
SE23 Preset Trombones	Samples: 2783	RAM: 173 MB
Matrices: 21S Tenor trombone 23S Bass trombone 25S Trombone ensemble 27S Tenor trombone + bass - 8va Preset keyswitches: G6–A#6		
SE24 Preset Tuba	Samples: 1045	RAM: 65 MB
Matrix: 31S Tuba		
SE31 Preset Keyboards	Samples: 444	RAM: 27 MB
Matrices: 01S Bosendorfer 04S Celesta Preset keyswitches: G7–G#7		
SE32 Preset Mallets	Samples: 311	RAM: 19 MB
Matrices: 05S Glockenspiel 06S Xylophone 07S Vibraphone 08S Marimbaphone Preset keyswitches: G1–A#1		

SE33 Preset Percussion

Samples: 1129 RAM: 70 MB

Matrices:

11S Timpani

12S Drums

13S Cymbals+Gongs

14S Percussion

15S Tubular Bells

16S Plate Bells

Preset keyswitches: E1-A1

Special Edition V1 PLUS

Patches

01 Solo Strings

01 Solo Strings/00 Violin advanced

Range: G3–A#7

Short détaché
 Fortepiano
 Snap pizzicato
 Col legno
 Trills, half and whole tone
 Repetition performances, legato and spiccato
 Fast repetitions, 150, 170, 190 BPM
 Artificial harmonics, staccato and sustained
 Ponticello, staccato, sustained, tremolo

01B VI detache short

Samples: 156

RAM: 9 MB

Single notes: Short détaché
 3 velocity layers: 0–55 pp; 56–108 f; 109–127 ff
 2 Alternations

02B VI fortepiano

Samples: 26

RAM: 1 MB

Single notes: Fortepiano, with vibrato
 1 velocity layer

03B VI pizz-snap

Samples: 52

RAM: 3 MB

Single notes: Snap or Bartók pizzicato
 1 velocity layer
 2 Alternations

04B VI col-legno

Samples: 104

RAM: 6 MB

Single notes: Col legno
 2 velocity layers: 0–88 p; 89–127 f
 2 Alternations

05B VI trill_1

Samples: 100

RAM: 6 MB

Trills: Half tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

06B VI trill_2

Samples: 100

RAM: 6 MB

Trills: Whole tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

07B VI perf-rep legato		Samples: 375	RAM: 23 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B VI perf-rep spiccato		Samples: 675	RAM: 42 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
09B VI fast-rep BPM-150		Samples: 156	RAM: 9 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B VI fast-rep BPM-170		Samples: 156	RAM: 9 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VI fast-rep BPM-190		Samples: 156	RAM: 9 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
12B VI harm-art staccato	Range: G4–D7	Samples: 32	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			
13B VI harm-art sustain	Range: G4–D7	Samples: 64	RAM: 4 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
14B VI pon staccato		Samples: 156	RAM: 9 MB
Ponticello: Single notes, staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
15B VI pon sustain		Samples: 156	RAM: 9 MB
Ponticello: Single notes, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
16B VI pon tremolo		Samples: 156	RAM: 9 MB
Ponticello: Single notes, tremolo 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			

01 Solo Strings/10 Viola advanced

Short détaché
 Fortepiano
 Snap pizzicato
 Col legno
 Trills, half and whole tone
 Repetition performances, legato and spiccato
 Fast repetitions, 150, 170, 190 BPM
 Artificial harmonics, staccato and sustained
 Ponticello, staccato, sustained, tremolo

01B VA detache short	Range: C3–G#6	Samples: 138	RAM: 8 MB
Single notes: Short détaché 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
02B VA fortepiano	Range: C3–G#6	Samples: 23	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B VA pizz-snap	Range: C3–A6	Samples: 46	RAM: 2 MB
Single notes: Snap or Bartók pizzicato 1 velocity layer 2 Alternations			
04B VA col-legno	Range: C3–A6	Samples: 92	RAM: 5 MB
Single notes: Col legno 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
05B VA trill_1	Range: C3–A5	Samples: 64	RAM: 4 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
06B VA trill_2	Range: C3–A5	Samples: 64	RAM: 4 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B VA perf-rep legato	Range: C3–G#6	Samples: 330	RAM: 20 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B VA perf-rep spiccato	Range: C3–G#6	Samples: 594	RAM: 37 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
09B VA fast-rep BPM-150	Range: C3–G#6	Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			

10B VA fast-rep BPM-170	Range: C3–G#6	Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VA fast-rep BPM-190	Range: C3–G#6	Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
12B VA harm-art staccato	Range: C4–A6	Samples: 34	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			
13B VA harm-art sustain	Range: C4–A6	Samples: 68	RAM: 4 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
14B VA pon staccato	Range: C3–A6	Samples: 138	RAM: 8 MB
Ponticello: Single notes, staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
15B VA pon sustain	Range: C3–A6	Samples: 138	RAM: 8 MB
Ponticello: Single notes, sustained			
16B VA pon tremolo	Range: C3–A6	Samples: 140	RAM: 8 MB
Ponticello: Single notes, tremolo 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
01 Solo Strings/20 Cello advanced	Range: C2–G6		
Short détaché Fortepiano Snap pizzicato Col legno Trills, half and whole tone Repetition performances, legato and spiccato Fast repetitions, 150, 170, 190 BPM Artificial harmonics, staccato and sustained Ponticello, staccato, sustained, tremolo			
01B VC detache short		Samples: 162	RAM: 10 MB
Single notes: Short détaché 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f 2 Alternations			

02B VC fortepiano		Samples: 27	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B VC pizz-snap		Samples: 54	RAM: 3 MB
Single notes: Snap or Bartók pizzicato 1 velocity layer 2 Alternations			
04B VC col-legno		Samples: 109	RAM: 6 MB
Single notes: Col legno 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
05B VC trill_1	Range: C2–A#5	Samples: 90	RAM: 5 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
06B VC trill_2	Range: C2–A#5	Samples: 90	RAM: 5 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B VC perf-rep legato	Range: C2–F6	Samples: 390	RAM: 24 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
08B VC perf-rep spiccato	Range: C2–F6	Samples: 729	RAM: 45 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
09B VC fast-rep BPM-150		Samples: 108	RAM: 6 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
10B VC fast-rep BPM-170		Samples: 108	RAM: 6 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
11B VC fast-rep BPM-190		Samples: 108	RAM: 6 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
12B VC harm-art staccato	Range: C3–G6	Samples: 42	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			

13B VC harm-art sustain	Range: C3–G6	Samples: 84	RAM: 5 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
14B VC pon staccato	Range: C2–F#6	Samples: 162	RAM: 10 MB
Ponticello: Single notes, staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
15B VC pon sustain	Range: C2–F#6	Samples: 162	RAM: 10 MB
Ponticello: Single notes, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
16B VC pon tremolo		Samples: 162	RAM: 10 MB
Ponticello: Single notes, tremolo 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
01 Solo Strings/30 Bass advanced	Range: B0–G4		
Short détaché Fortepiano Snap pizzicato Col legno Trills, half and whole tone Repetition performances, legato and spiccato Artificial harmonics, staccato and sustained Ponticello, staccato, sustained, tremolo			
01B DB detache short		Samples: 114	RAM: 7 MB
Single notes: Short détaché 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 ff 2 Alternations			
02B DB fortepiano		Samples: 19	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B DB pizz-snap		Samples: 76	RAM: 4 MB
Single notes: Snap or Bartók pizzicato			
04B DB col-legno		Samples: 76	RAM: 4 MB
Single notes: Col legno 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
05B DB trill_1	Range: B0–C4	Samples: 60	RAM: 3 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			

06B DB trill_2	Range: B0–C4	Samples: 60	RAM: 3 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B DB perf-rep legato		Samples: 285	RAM: 17 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B DB perf-rep spiccato		Samples: 513	RAM: 32 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
12B DB harm-art staccato	Range: D3–A5	Samples: 30	RAM: 1 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			
13B DB harm-art sustain	Range: D3–A5	Samples: 60	RAM: 3 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
14B DB pon staccato		Samples: 114	RAM: 7 MB
Ponticello: Single notes, staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
15B DB pon sustain		Samples: 114	RAM: 7 MB
Ponticello: Single notes, sustained			
16B DB pon tremolo		Samples: 114	RAM: 7 MB
Ponticello: Single notes, tremolo 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			

03 Orchestral Strings**03 Orchestral Strings/00 Violins advanced Range: G3–D7**

Short détaché
 Fortepiano
 Snap pizzicato
 Col legno
 Trills, half and whole tone
 Repetition performances, legato and spiccato
 Fast repetitions, 150, 170, 190 BPM
 Artificial harmonics, staccato and sustained
 Ponticello, staccato, sustained, tremolo
 Muted, staccato, sustained, tremolo

01B VI-14 detache short	Range: G3–C#7	Samples: 132	RAM: 8 MB
Single notes: Short détaché 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f 2 Alternations			
02B VI-14 fortepiano	Range: G3–C#7	Samples: 21	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B VI-14 pizz-snap		Samples: 44	RAM: 2 MB
Single notes: Snap or Bartók pizzicato 1 velocity layer: 0–127 ff 2 Alternations			
04B VI-14 col-legno		Samples: 88	RAM: 5 MB
Single notes: Col legno 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
05B VI-14 trill_1	Range: G3–C#7	Samples: 84	RAM: 5 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
06B VI-14 trill_2	Range: G3–C#7	Samples: 82	RAM: 5 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B VI-14 perf-rep legato		Samples: 315	RAM: 19 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B VI-14 perf-rep spiccato		Samples: 567	RAM: 35 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			

09B VI-14 fast-rep BPM-150		Samples: 126	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B VI-14 fast-rep BPM-170		Samples: 126	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VI-14 fast-rep BPM-190		Samples: 126	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
12B VI-14 harm-art staccato	Range: G4–D7	Samples: 30	RAM: 1 MB
Artificial harmonics: Single notes, staccato 1 velocity layer: 0–127 mf 2 Alternations			
13B VI-14 harm-art sustain	Range: G4–D7	Samples: 30	RAM: 1 MB
Artificial harmonics: Single notes, sustained 1 velocity layer: 0–127 mf Release samples			
14B VI-14 pon staccato		Samples: 88	RAM: 5 MB
Ponticello: Single notes, staccato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
15B VI-14 pon sustain		Samples: 84	RAM: 5 MB
Ponticello: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
16B VI-14 pon tremolo		Samples: 84	RAM: 5 MB
Ponticello: Single notes, tremolo 2 velocity layers: 0–88 p; 89–127 f Release samples			
17B VI-14 mute_staccato		Samples: 84	RAM: 5 MB
Con sordino: Single notes, staccato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
18B VI-14 mute_sustain		Samples: 84	RAM: 5 MB
Con sordino: Single notes, sustained, with vibrato 2 velocity layers: 0–88 p; 89–127 f Release samples			

19B VI-14 mute_tremolo**Samples: 84****RAM: 5 MB**

Con sordino: Single notes, tremolo
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

03 Orchestral Strings/10 Violas advanced Range: C3–D6

Short détaché
 Fortepiano
 Snap pizzicato
 Col legno
 Trills, half and whole tone
 Repetition performances, legato and spiccato
 Fast repetitions, 150, 170, 190 BPM
 Artificial harmonics, staccato and sustained
 Ponticello, staccato, sustained, tremolo
 Muted, staccato, sustained, tremolo

01B VA-10 detache short**Samples: 114****RAM: 7 MB**

Single notes: Short détaché
 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f
 2 Alternations

02B VA-10 fortepiano**Samples: 19****RAM: 1 MB**

Single notes: Fortepiano, with vibrato
 1 velocity layer

03B VA-10 pizz-snap**Samples: 38****RAM: 2 MB**

Single notes: Snap or Bartók pizzicato
 1 velocity layer
 2 Alternations

04B VA-10 col-legno**Samples: 76****RAM: 4 MB**

Single notes: Col legno
 2 velocity layers: 0–88 p; 89–127 f
 2 Alternations

05B VA-10 trill_1**Samples: 76****RAM: 4 MB**

Trills: Half tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

06B VA-10 trill_2**Samples: 76****RAM: 4 MB**

Trills: Whole tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

07B VA-10 perf-rep legato**Samples: 285****RAM: 17 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

08B VA-10 perf-rep spiccato		Samples: 513	RAM: 32 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
09B VA-10 fast-rep BPM-150		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B VA-10 fast-rep BPM-170		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VA-10 fast-rep BPM-190		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
12B VA-10 harm-art staccato	Range: C4–A#6	Samples: 34	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer: 0–127 mf 2 Alternations			
13B VA-10 harm-art sustain	Range: C4–A#6	Samples: 34	RAM: 2 MB
Artificial harmonics: Single notes, sustained 1 velocity layer: 0–127 mf Release samples			
14B VA-10 pon staccato		Samples: 76	RAM: 4 MB
Ponticello: Single notes, staccato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
15B VA-10 pon sustain		Samples: 75	RAM: 4 MB
Ponticello: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
16B VA-10 pon tremolo		Samples: 76	RAM: 4 MB
Ponticello: Single notes, tremolo 2 velocity layers: 0–88 p; 89–127 f Release samples			
17B VA-10 mute_staccato		Samples: 76	RAM: 4 MB
Con sordino: Single notes, staccato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			

18B VA-10 mute_sustain	Samples: 76	RAM: 4 MB
Con sordino: Single notes, sustained, with vibrato 2 velocity layers: 0–88 p; 89–127 f Release samples		
19B VA-10 mute_tremolo	Samples: 76	RAM: 4 MB
Con sordino: Single notes, tremolo 2 velocity layers: 0–88 p; 89–127 f Release samples		
03 Orchestral Strings/20 Cellos advanced Range: C2–D5		
Short détaché Fortepiano Snap pizzicato Col legno Trills, half and whole tone Repetition performances, legato and spiccato Fast repetitions, 150, 170, 190 BPM Artificial harmonics, staccato and sustained Ponticello, staccato, sustained, tremolo Muted, staccato, sustained, tremolo		
01B VC-8 detache short	Samples: 114	RAM: 7 MB
Single notes: Short détaché 3 velocity layers: 0–55 pp; 56–108 f; 109–127 ff 2 Alternations		
02B VC-8 fortepiano	Samples: 19	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer		
03B VC-8 pizz-snap	Range: C2–E5	Samples: 38
Single notes: Snap or Bartók pizzicato 1 velocity layer: 0–127 ff 2 Alternations		
04B VC-8 col-legno	Samples: 76	RAM: 4 MB
Single notes: Col legno 2 velocity layers: 0–88 p; 89–127 f 2 Alternations		
05B VC-8 trill_1	Samples: 76	RAM: 4 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples		
06B VC-8 trill_2	Samples: 76	RAM: 4 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples		

07B VC-8 perf-rep legato		Samples: 285	RAM: 17 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B VC-8 perf-rep spiccato		Samples: 513	RAM: 32 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
09B VC-8 fast-rep BPM-150		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B VC-8 fast-rep BPM-170		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VC-8 fast-rep BPM-190		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
12B VC-8 harm-art staccato	Range: C3–D6	Samples: 38	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer: 0–127 mf 2 Alternations			
13B VC-8 harm-art sustain	Range: C3–D6	Samples: 38	RAM: 2 MB
Artificial harmonics: Single notes, sustained 1 velocity layer: 0–127 mf Release samples			
14B VC-8 pon staccato		Samples: 76	RAM: 4 MB
Ponticello: Single notes, staccato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
15B VC-8 pon sustain		Samples: 76	RAM: 4 MB
Ponticello: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
16B VC-8 pon tremolo		Samples: 76	RAM: 4 MB
Ponticello: Single notes, tremolo 2 velocity layers: 0–88 p; 89–127 f Release samples			

17B VC-8 mute_staccato	Samples: 76	RAM: 4 MB
Con sordino: Single notes, staccato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations		
18B VC-8 mute_sustain	Samples: 76	RAM: 4 MB
Con sordino: Single notes, sustained, with vibrato 2 velocity layers: 0–88 p; 89–127 f Release samples		
19B VC-8 mute_tremolo	Samples: 76	RAM: 4 MB
Con sordino: Single notes, tremolo 2 velocity layers: 0–88 p; 89–127 f Release samples		
03 Orchestral Strings/30 Bassi advanced	Range: B0–D4	
Short détaché Fortepiano Snap pizzicato Col legno Trills, half and whole tone Repetition performances, legato and spiccato Artificial harmonics, staccato and sustained Ponticello, staccato, sustained, tremolo		
01B DB-6 detache short	Samples: 118	RAM: 7 MB
Single notes: Short détaché 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff (extra) 2 Alternations		
02B DB-6 fortepiano	Samples: 20	RAM: 1 MB
Single notes: Fortepiano 1 velocity layer		
03B DB-6 pizz-snap	Samples: 38	RAM: 2 MB
Single notes: Snap or Bartók pizzicato 1 velocity layer: 0–127 ff 2 Alternations		
04B DB-6 col-legno	Samples: 80	RAM: 5 MB
Single notes: Col legno 2 velocity layers: 0–88 p; 89–127 f 2 Alternations		
05B DB-6 trill_1	Range: B0–C#4	Samples: 76
RAM: 4 MB Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples		

06B DB-6 trill_2	Range: B0–C4	Samples: 72	RAM: 4 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B DB-6 perf-rep legato		Samples: 190	RAM: 11 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
08B DB-6 perf-rep spiccato		Samples: 342	RAM: 21 MB
Repetition performances: Spiccato			
12B DB-6 harm-art staccato	Range: G2–G5	Samples: 36	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer: 0–127 mf 2 Alternations			
13B DB-6 harm-art sustain	Range: G2–E5	Samples: 34	RAM: 2 MB
Artificial harmonics: Single notes, sustained 1 velocity layer: 0–127 mf Release samples			
14B DB-6 pon staccato		Samples: 120	RAM: 7 MB
Ponticello: Single notes, staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff 2 Alternations			
15B DB-6 pon sustain		Samples: 76	RAM: 4 MB
Ponticello: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
16B DB-6 pon tremolo		Samples: 76	RAM: 4 MB
Ponticello: Single notes, tremolo 2 velocity layers: 0–88 p; 89–127 f Release samples			

11 Flutes

11 Flutes/00 Piccolo advanced **Range: C5–C8**

Portato
Fortepiano
Trills, half and whole tone
Repetition performances, legato and staccato
Fast repetitions, 150, 170, 190 BPM

01B PFL portato **Samples: 108 RAM: 6 MB**

Single notes: Portato, without vibrato, normal attack
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
2 Alternations

02B PFL fp		Samples: 18	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B PFL trill_1	Range: C5–A#7	Samples: 34	RAM: 2 MB
Trills: Half tone 1 velocity layer: 0–127 mf Release samples			
04B PFL trill_2	Range: C5–G#7	Samples: 32	RAM: 2 MB
Trills: Whole tone 1 velocity layer: 0–127 mf Release samples			
05B PFL perf-rep legato	Range: C5–F#7	Samples: 75	RAM: 4 MB
Repetition performances: Legato, with vibrato 1 velocity layer: 0–127 mf			
05B PFL perf-rep staccato	Range: C5–A#7	Samples: 416	RAM: 26 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
06B PFL fast-rep BPM-150	Range: C5–A#7	Samples: 64	RAM: 4 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B PFL fast-rep BPM-170	Range: C5–A#7	Samples: 64	RAM: 4 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
08B PFL fast-rep BPM-190	Range: C5–A#7	Samples: 64	RAM: 4 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
11 Flutes/10 Flute advanced	Range: A#3–D7		
Portato Fortepiano Trills, half and whole tone Repetition performances, legato and staccato Fast repetitions, 160, 180, 200 BPM			
01B FL1 portato		Samples: 120	RAM: 7 MB
Single notes: Portato, without vibrato, normal attack 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			

02B FL1 fp Single notes: Fortepiano, with vibrato 1 velocity layer	Range: A#3–C#7	Samples: 20	RAM: 1 MB
03B FL1 trill_1 Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: A#3–C7	Samples: 77	RAM: 4 MB
04B FL1 trill_2 Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: A#3–B6	Samples: 72	RAM: 4 MB
05B FL1 perf-rep legato Repetition performances: Legato, with vibrato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f	Range: A#3–C7	Samples: 285	RAM: 17 MB
05B FL1 perf-rep staccato Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f		Samples: 464	RAM: 29 MB
06B FL1 fast-rep BPM-160 Fast repetitions: 9 repetitions, 16ths at 160 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples		Samples: 118	RAM: 7 MB
07B FL1 fast-rep BPM-180 Fast repetitions: 9 repetitions, 16ths at 180 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples		Samples: 118	RAM: 7 MB
08B FL1 fast-rep BPM-200 Fast repetitions: 9 repetitions, 16ths at 200 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples		Samples: 118	RAM: 7 MB
12 Oboes			
12 Oboes/00 Oboe advanced Portato Fortepiano Trills, half and whole tone Repetition performances, legato and staccato	Range: A3–F#6		
01B OBfr portato Single notes: Portato, normal attack 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f 2 Alternations		Samples: 102	RAM: 6 MB

02B OBfr fp	Range: A3–G6	Samples: 18	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B OBfr trill_1		Samples: 64	RAM: 4 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B OBfr trill_2		Samples: 64	RAM: 4 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B OBfr perf-rep legato		Samples: 170	RAM: 10 MB
Repetition performances: Legato, with vibrato 2 velocity layers: 0–88 p; 89–127 f			
05B OBfr perf-rep staccato		Samples: 306	RAM: 19 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
12 Oboes/30 English horn advanced	Range: D#3–C6		
Portato Fortepiano Trills, half and whole tone Repetition performances, legato and staccato			
01B EH portato		Samples: 102	RAM: 6 MB
Single notes: Portato, normal attack 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f 2 Alternations			
02B EH fp		Samples: 17	RAM: 1 MB
Single notes: Fortepiano 1 velocity layer			
03B EH trill_1	Range: D#3–A#5	Samples: 64	RAM: 4 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B EH trill_2	Range: D#3–A#5	Samples: 64	RAM: 4 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B EH perf-rep legato		Samples: 170	RAM: 10 MB
Repetition performances: Legato, with vibrato 2 velocity layers: 0–88 p; 89–127 f			

05B EH perf-rep staccato**Samples: 315 RAM: 19 MB**

Repetition performances: Staccato
 2 velocity layers: 0–88 p; 89–127 f

13 Clarinets**13 Clarinets/10 Clarinet advanced****Range: C3–F#6**

Portato
 Fortepiano
 Trills, half and whole tone
 Repetition performances, legato and staccato
 Fast repetitions, 140, 150, 170 BPM

01B CLBb portato**Range: C3–G6****Samples: 132****RAM: 8 MB**

Single notes: Portato, normal attack
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff
 2 Alternations

02B CLBb fp**Range: C3–G6****Samples: 22****RAM: 1 MB**

Single notes: Fortepiano
 1 velocity layer

03B CLBb trill_1**Samples: 84****RAM: 5 MB**

Trills: Half tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

04B CLBb trill_2**Range: C3–F6****Samples: 84****RAM: 5 MB**

Trills: Whole tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

05B CLBb perf-rep legato**Samples: 315****RAM: 19 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

05B CLBb perf-rep staccato**Samples: 567****RAM: 35 MB**

Repetition performances: Staccato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

06B CLBb fast-rep BPM-140**Samples: 126****RAM: 7 MB**

Fast repetitions: 9 repetitions, 16ths at 140 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

07B CLBb fast-rep BPM-150**Samples: 126****RAM: 7 MB**

Fast repetitions: 9 repetitions, 16ths at 150 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

08B CLBb fast-rep BPM-170**Samples: 126 RAM: 7 MB**

Fast repetitions: 9 repetitions, 16ths at 170 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

13 Clarinets/20 Bass clarinet advanced

Portato
 Fortepiano
 Trills, half and whole tone
 Repetition performances, legato and staccato

01B BCL portato**Range: A#1–B5****Samples: 156****RAM: 9 MB**

Single notes: Portato, normal attack
 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f
 2 Alternations

02B BCL fp**Range: A#1–B5****Samples: 26****RAM: 1 MB**

Single notes: Fortepiano
 1 velocity layer

03B BCL trill_1**Range: A#1–A#5****Samples: 100****RAM: 6 MB**

Trills: Half tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

04B BCL trill_2**Range: A#1–A#5****Samples: 100****RAM: 6 MB**

Trills: Whole tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

05B BCL perf-rep legato**Range: A#1–A#5****Samples: 250****RAM: 15 MB**

Repetition performances: Legato
 2 velocity layers: 0–88 p; 89–127 f

05B BCL perf-rep staccato**Range: A#1–A#5****Samples: 450****RAM: 28 MB**

Repetition performances: Staccato
 2 velocity layers: 0–88 p; 89–127 f

14 Bassoons**14 Bassoons/00 Bassoon advanced****Range: A#1–D5**

Portato
 Fortepiano
 Trills, half and whole tone
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

01B BA portato**Range: A#1–F5****Samples: 126****RAM: 7 MB**

Single notes: Portato, normal attack
 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff
 2 Alternations

02B BA fp**Range: A#1–F5****Samples: 21****RAM: 1 MB**

Single notes: Fortepiano
 1 velocity layer

03B BA trill_1**Samples: 74****RAM: 4 MB**

Trills: Half tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

04B BA trill_2**Samples: 75****RAM: 4 MB**

Trills: Whole tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

05B BA perf-rep legato**Samples: 300****RAM: 18 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

05B BA perf-rep staccato**Samples: 540****RAM: 33 MB**

Repetition performances: Staccato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

06B BA fast-rep BPM-150**Samples: 120****RAM: 7 MB**

Fast repetitions: 9 repetitions, 16ths at 150 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

07B BA fast-rep BPM-170**Samples: 120****RAM: 7 MB**

Fast repetitions: 9 repetitions, 16ths at 170 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

08B BA fast-rep BPM-190**Samples: 120****RAM: 7 MB**

Fast repetitions: 9 repetitions, 16ths at 190 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

14 Bassoons/10 Contra bassoon advanced Range: A#0–A#3

Portato
 Fortepiano
 Repetition performances, legato and staccato

01B CBA portato**Samples: 114 RAM: 7 MB**

Single notes: Portato, normal attack
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 2 Alternations

02B CBA fp**Samples: 19 RAM: 1 MB**

Single notes: Fortepiano
 1 velocity layer

05B CBA perf-rep legato**Samples: 190 RAM: 11 MB**

Repetition performances: Legato
 2 velocity layers: 0–88 p; 89–127 f

05B CBA perf-rep staccato**Samples: 342 RAM: 21 MB**

Repetition performances: Staccato
 2 velocity layers: 0–88 p; 89–127 f

21 Horns**21 Horns/10 Horn advanced****Range: A1–G5**

Portato
 Fortepiano
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

01B HOtr portato**Samples: 138 RAM: 8 MB**

Single notes: Portato, normal attack

02B HOtr fp**Samples: 23 RAM: 1 MB**

Single notes: Fortepiano
 1 velocity layer

05B HOtr perf-rep legato**Samples: 345 RAM: 21 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

05B HOtr perf-rep staccato**Samples: 621 RAM: 38 MB**

Repetition performances: Staccato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

06B HOtr fast-rep BPM-150**Samples: 138 RAM: 8 MB**

Fast repetitions: 9 repetitions, 16ths at 150 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

07B HOtr fast-rep BPM-170**Samples: 138 RAM: 8 MB**

Fast repetitions: 9 repetitions, 16ths at 170 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

08B HOtr fast-rep BPM-190**Samples: 138 RAM: 8 MB**

Fast repetitions: 9 repetitions, 16ths at 190 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

21 Horns/20 Horns a4 advanced**Range: G2–D#5**

Portato
 Fortepiano
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

01B HO-a4 portato**Samples: 84 RAM: 5 MB**

Single notes: Portato, normal attack
 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f
 2 Alternations

02B HO-a4 fp**Samples: 14 RAM: 1 MB**

Single notes: Fortepiano
 1 velocity layer

05B HO-a4 perf-rep legato**Samples: 210 RAM: 13 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

05B HO-a4 perf-rep staccato**Samples: 378 RAM: 23 MB**

Repetition performances: Staccato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

06B HO-a4 fast-rep BPM-150**Samples: 56 RAM: 3 MB**

Fast repetitions: 9 repetitions, 16ths at 150 BPM
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

07B HO-a4 fast-rep BPM-170**Samples: 56 RAM: 3 MB**

Fast repetitions: 9 repetitions, 16ths at 170 BPM
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

08B HO-a4 fast-rep BPM-190**Samples: 56 RAM: 3 MB**

Fast repetitions: 9 repetitions, 16ths at 190 BPM
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

22 Trumpets**22 Trumpets/10 Trumpet advanced****Range: E3–C#6**

Portato
 Fortepiano
 Trills, half and whole tone
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

01B TrC portato**Samples: 96****RAM: 6 MB**

Single notes: Portato, without vibrato, normal attack
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff
 2 Alternations

02B TrC fp**Samples: 15****RAM: 1 MB**

Single notes: Fortepiano, without vibrato
 1 velocity layer

03B TrC trill_1**Samples: 64****RAM: 4 MB**

Trills: Half tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

04B TrC trill_2**Range: E3–G#5****Samples: 56****RAM: 3 MB**

Trills: Whole tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

05B TrC perf-rep legato**Samples: 235****RAM: 14 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

05B TrC perf-rep staccato**Samples: 423****RAM: 26 MB**

Repetition performances: Staccato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

06B TrC fast-rep BPM-150**Samples: 90****RAM: 5 MB**

Fast repetitions: 9 repetitions, 16ths at 150 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

07B TrC fast-rep BPM-170**Samples: 90****RAM: 5 MB**

Fast repetitions: 9 repetitions, 16ths at 170 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

08B TrC fast-rep BPM-190**Samples: 90****RAM: 5 MB**

Fast repetitions: 9 repetitions, 16ths at 190 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

22 Trumpets/30 Trumpets a3 advanced		Range: F#3–C#6	
Portato Fortepiano Trills, half and whole tone Repetition performances, legato and staccato Fast repetitions, 150, 170, 190 BPM			
01B Tr-a3 portato		Samples: 85	RAM: 5 MB
Single notes: Portato, normal attack 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
02B Tr-a3 fp		Samples: 15	RAM: 1 MB
Single notes: Fortepiano 1 velocity layer			
03B Tr-a3 trill_1	Range: F#3–C6	Samples: 108	RAM: 6 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B Tr-a3 trill_2	Range: F#3–B6	Samples: 52	RAM: 3 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B Tr-a3 perf-rep legato		Samples: 140	RAM: 8 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
05B Tr-a3 perf-rep staccato		Samples: 252	RAM: 15 MB
Repetition performances: Staccato 2 velocity layers: 0–88 mp; 89–127 f			
06B Tr-a3 fast-rep BPM-150		Samples: 60	RAM: 3 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B Tr-a3 fast-rep BPM-170		Samples: 60	RAM: 3 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
08B Tr-a3 fast-rep BPM-190		Samples: 60	RAM: 3 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			

23 Trombones**23 Trombones/00 Tenor trombone advanced**

Portato
 Fortepiano
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

01B TTB portato	Range: C2–D5	Samples: 101	RAM: 6 MB
Single notes: Portato, without vibrato, normal attack 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff 2 Alternations			
02B TTB fp	Range: C2–D5	Samples: 17	RAM: 1 MB
Single notes: Fortepiano, without vibrato 1 velocity layer			
05B TTB perf-rep legato	Range: C2–A#4	Samples: 180	RAM: 11 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 mf			
05B TTB perf-rep staccato	Range: C2–A#4	Samples: 405	RAM: 25 MB
Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff			
06B TTB fast-rep BPM-150	Range: C2–A4	Samples: 90	RAM: 5 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
07B TTB fast-rep BPM-170	Range: C2–A4	Samples: 90	RAM: 5 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
08B TTB fast-rep BPM-190	Range: C2–A4	Samples: 90	RAM: 5 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			

23 Trombones/20 Bass trombone advanced Range: C1–E4

Portato
 Fortepiano
 Repetition performances, portato and staccato
 Fast repetitions, 150, 170, 190 BPM

01B BTB portato		Samples: 114	RAM: 7 MB
Single notes: Portato, without vibrato, normal attack 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			

02B BTB fp Single notes: Fortepiano 1 velocity layer	Samples: 19	RAM: 1 MB
05B BTB perf-rep portato Repetition performances: Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff	Samples: 513	RAM: 32 MB
05B BTB perf-rep staccato Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff	Samples: 513	RAM: 32 MB
06B BTB fast-rep BPM-150 Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples	Samples: 114	RAM: 7 MB
07B BTB fast-rep BPM-170 Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples	Samples: 114	RAM: 7 MB
08B BTB fast-rep BPM-190 Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples	Samples: 114	RAM: 7 MB
23 Trombones/40 Trombones a3 advanced Range: C2–A#4		
Portato Fortepiano Repetition performances, legato and staccato Fast repetitions, 150, 170, 190 BPM		
01B TB-a3 portato Single notes: Portato, normal attack 4 velocity layers: 0–55 p; 56–88 mf; 89–108 f; 109–127 ff 2 Alternations	Samples: 120	RAM: 7 MB
02B TB-a3 fp Single notes: Fortepiano 1 velocity layer	Samples: 15	RAM: 1 MB
05B TB-a3 perf-rep legato Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f	Samples: 150	RAM: 9 MB
05B TB-a3 perf-rep staccato Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f	Samples: 270	RAM: 16 MB

06B TB-a3 fast-rep BPM-150	Range: C2-A4	Samples: 60	RAM: 3 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B TB-a3 fast-rep BPM-170	Range: C2-A4	Samples: 60	RAM: 3 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
08B TB-a3 fast-rep BPM-190	Range: C2-A4	Samples: 60	RAM: 3 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
24 Tubas			
24 Tubas/00 Tuba advanced	Range: D1-G4		
Portato Fortepiano Trills, half and whole tone Repetition performances, legato and staccato Fast repetitions, 150, 170, 190 BPM			
01B TU portato		Samples: 57	RAM: 3 MB
Single notes: Portato, without vibrato, normal attack 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
02B TU fp		Samples: 20	RAM: 1 MB
Single notes: Fortepiano, without vibrato 1 velocity layer			
03B TU trill_1		Samples: 114	RAM: 7 MB
Trills: Half tone 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
04B TU trill_2	Range: D1-D4	Samples: 94	RAM: 5 MB
Trills: Whole tone 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
05B TU perf-rep legato		Samples: 228	RAM: 14 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
05B TU perf-rep staccato		Samples: 306	RAM: 19 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			

06B TU fast-rep BPM-150	Range: A#1–G4	Samples: 64	RAM: 4 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
07B TU fast-rep BPM-170	Range: A#1–G4	Samples: 64	RAM: 4 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
08B TU fast-rep BPM-190	Range: A#1–G4	Samples: 64	RAM: 4 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			

99 Release

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

01 Solo strings

01S Solo violin +

Samples: 5083 RAM: 317 MB

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C1–A#1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	fast rep. 150 BPM	ponticello staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	fast rep. 170 BPM	ponticello sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	fast rep. 190 BPM	ponticello tremolo

02S Solo viola +

Samples: 4389 RAM: 274 MB

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C1–A#1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	fast rep. 150 BPM	ponticello staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	fast rep. 170 BPM	ponticello sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	fast rep. 190 BPM	ponticello tremolo

03S Solo cello +

Samples: 5293 RAM: 330 MB

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C1–A#1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	fast rep. 150 BPM	ponticello staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	fast rep. 170 BPM	ponticello sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	fast rep. 190 BPM	ponticello tremolo

04S Solo bass +**Samples: 3508 RAM: 219 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C6–A#6 Vertical: Modwheel, 3 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6	A#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	(empty)	ponticello staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	(empty)	ponticello sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	(empty)	ponticello tremolo

03 Orchestral strings**21S Strings violins +****Samples: 4174 RAM: 260 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C1–B1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1	B1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	fast rep. 150 BPM	ponticello staccato	muted staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	fast rep. 170 BPM	ponticello sustained	muted sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	fast rep. 190 BPM	ponticello tremolo	muted tremolo

22S Strings violas +**Samples: 3673 RAM: 229 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C1–B1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1	B1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	fast rep. 150 BPM	ponticello staccato	muted staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	fast rep. 170 BPM	ponticello sustained	muted sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	fast rep. 190 BPM	ponticello tremolo	muted tremolo

23S Strings cellos +**Samples: 3717 RAM: 232 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C1–B1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1	A#1	B1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	fast rep. 150 BPM	ponticello staccato	muted staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	fast rep. 170 BPM	ponticello sustained	muted sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	fast rep. 190 BPM	ponticello tremolo	muted tremolo

24S Strings basses +**Samples: 2789 RAM: 174 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as combinations of long notes with staccato attack, and cell crossfading between sustained and tremolo patches

Matrix switches: Horizontal: Keyswitches, C6–A#6 Vertical: Modwheel, 3 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6	A#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trill half	legato repetition	(empty)	ponticello staccato
V2	sus/staccato attack	détaché short	sus/trem XF	portamento	fortepiano	trem/staccato attack	snap pizzicato	trill whole	spiccato repetition	(empty)	ponticello sustained
V3	art. harm. staccato	détaché short	art. harm. sustained	portamento	fortepiano	trem/staccato attack	col legno	trill whole	spiccato repetition	(empty)	ponticello tremolo

11 Flutes**01S Piccolo +****Samples: 1784 RAM: 111 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole	fast rep. 190 BPM

02S Flute 1 +**Samples: 2348 RAM: 146 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half	fast rep. 160 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole	fast rep. 200 BPM

12 Oboes**11S Oboe french +****Samples: 1767 RAM: 110 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half
V2	portato	sus./stacc. attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole

14S English horn +**Samples: 1718 RAM: 107 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half
V2	portato	sus./stacc. attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole

13 Clarinets**22S Clarinet Bb +****Samples: 2927 RAM: 182 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half	fast rep. 140 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole	fast rep. 170 BPM

23S Bass clarinet +**Samples: 2400 RAM: 150 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half
V2	portato	sus./stacc. attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole

14 Bassoons**31 Bassoon +****Samples: 2506 RAM: 156 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole	fast rep. 190 BPM

32 Contra bassoon +**Samples: 1692 RAM: 105 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–E6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6
V1	staccato	sustained	sforzato	legato	legato repetition
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	staccato repetition

21 Horns**02S Horn triple +****Samples: 2705 RAM: 169 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	(empty)	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	(empty)	fast rep. 190 BPM

03S Horn ensemble - a4 +**Samples: 1386 RAM: 86 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	(empty)	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	(empty)	fast rep. 190 BPM

22 Trumpets**12S Trumpet C +****Samples: 1939 RAM: 121 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole	fast rep. 190 BPM

14S Trumpet ensemble +**Samples: 1475 RAM: 92 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill whole	fast rep. 190 BPM

23 Trombones**21S Tenor trombone +****Samples: 1804 RAM: 112 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	(empty)	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	(empty)	fast rep. 190 BPM

23S Bass trombone +**Samples: 2394 RAM: 149 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	sustained	sforzato	legato	perf.rep. legato	(empty)	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	(empty)	fast rep. 190 BPM

25S Trombone ensemble +**Samples: 1398 RAM: 87 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	(empty)	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	(empty)	fast rep. 190 BPM

24 Tubas**31S Tuba +****Samples: 2394 RAM: 149 MB**

A matrix consisting of all the instrument's patches (regular and advanced) as well as a combination of sustained notes with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trill half	fast rep. 150 BPM
V2	portato	sus/staccato attack	fortepiano	legato/sus.XF	perf.rep. staccato	trill hole	fast rep. 190 BPM

Special Edition V2

Patches

02 Chamber Strings

Violin ensemble (6 players)
 Viola ensemble (4 players)
 Cello ensemble (3 players)
 Double bass ensemble (2 players)

Articulations:

Staccato, détaché, sustained, sforzato
 Legato, portamento
 Tremolo, pizzicato

01S VI-6 staccato	Range: G3-C7	Samples: 132	RAM: 8 MB
Violin ensemble, 6 players Single notes: Staccato 3 velocity layers: 0-55 mp; 56-108 mf; 109-127 f 2 Alternations			
02S VI-6 detache	Range: G3-C7	Samples: 132	RAM: 8 MB
Violin ensemble, 6 players Single notes: Détaché 3 velocity layers: 0-55 p; 56-108 mf; 109-127 f 2 Alternations			
03S VI-6 sustain	Range: G3-C7	Samples: 132	RAM: 8 MB
Violin ensemble, 6 players Single notes: Sustained 3 velocity layers: 0-55 pp; 56-108 f; 109-127 ff Release samples			
04S VI-6 sforzato	Range: G3-C7	Samples: 22	RAM: 1 MB
Violin ensemble, 6 players Single notes: Sforzato 1 velocity layer			
05S VI-6 legato	Range: G3-C7	Samples: 1161	RAM: 72 MB
Violin ensemble, 6 players Interval performances: Legato Monophonic 2 velocity layers: 0-88 p; 89-127 f Release samples			

06S VI-6 portamento	Range: G3–C7	Samples: 990	RAM: 61 MB
Violin ensemble, 6 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
07S VI-6 tremolo	Range: G3–C7	Samples: 126	RAM: 7 MB
Violin ensemble, 6 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
08S VI-6 pizz	Range: G3–C7	Samples: 132	RAM: 8 MB
Violin ensemble, 6 players Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
11S VA-4 staccato	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 4 players Single notes: Staccato 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff 2 Alternations			
12S VA-4 detache	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 4 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
13S VA-4 sustain	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 4 players Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			
14S VA-4 sforzato	Range: C3–D6	Samples: 20	RAM: 1 MB
Viola ensemble, 4 players Single notes: Sforzato 1 velocity layer			
15S VA-4 legato	Range: C3–C6	Samples: 1030	RAM: 64 MB
Viola ensemble, 4 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

16S VA-4 portamento	Range: C3–C#6	Samples: 877	RAM: 54 MB
Viola ensemble, 4 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
17S VA-4 tremolo	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 4 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			
18S VA-4 pizz	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 4 players Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
21S VC-3 staccato	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
22S VC-3 detache	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 3 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
23S VC-3 sustain	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 3 players Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			
24S VC-3 sforzato	Range: C2–A#5	Samples: 23	RAM: 1 MB
Cello ensemble, 3 players Single notes: Sforzato 1 velocity layer			
25S VC-3 legato	Range: C2–E5	Samples: 1128	RAM: 70 MB
Cello ensemble, 3 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

26S VC-3 portamento	Range: C2–E5	Samples: 889	RAM: 55 MB
Cello ensemble, 3 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
27S VC-3 tremolo	Range: C2–A#5	Samples: 132	RAM: 8 MB
Cello ensemble, 3 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			
28S VC-3 pizz	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 3 players Single notes: Pizzicato 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff 2 Alternations			
31S DB-2 staccato	Range: B0–G#4	Samples: 132	RAM: 8 MB
Bass ensemble, 2 players Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
32S DB-2 detache	Range: B0–G#4	Samples: 132	RAM: 8 MB
Bass ensemble, 2 players Single notes: Détaché 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff 2 Alternations			
33S DB-2 sustain	Range: B0–G#4	Samples: 132	RAM: 8 MB
Bass ensemble, 2 players Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			
34S DB-2 sforzato	Range: B0–G#4	Samples: 22	RAM: 1 MB
Bass ensemble, 2 players Single notes: Sforzato 1 velocity layer			
35S DB-2 legato	Range: B0–A#3	Samples: 1025	RAM: 64 MB
Bass ensemble, 2 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

36S DB-2 portamento	Range: B0–A#3	Samples: 834	RAM: 52 MB
Bass ensemble, 2 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
37S DB-2 tremolo	Range: B0–G#4	Samples: 132	RAM: 8 MB
Bass ensemble, 2 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			
38S DB-2 pizz	Range: B0–G#4	Samples: 132	RAM: 8 MB
Bass ensemble, 2 players Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
41S Chamber staccato	Range: B0–C7	Samples: 348	RAM: 21 MB
Chamber string ensemble Single notes: Staccato Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–C5; Violins C4–C7 3 velocity layers 2 Alternations			
42S Chamber detache	Range: B0–C7	Samples: 348	RAM: 21 MB
Chamber string ensemble Single notes: Détaché 3 velocity layers 2 Alternations			
43S Chamber sustain	Range: B0–C7	Samples: 348	RAM: 21 MB
Chamber string ensemble Single notes: Sustained 3 velocity layers Release samples			
44S Chamber sfz	Range: B0–C7	Samples: 58	RAM: 3 MB
Chamber string ensemble Single notes: Sforzato 1 velocity layer			
45S Chamber tremolo	Range: B0–C7	Samples: 342	RAM: 21 MB
Chamber string ensemble Single notes: Tremolo, sustained 3 velocity layers Release samples			

46S Chamber pizz	Range: B0–C7	Samples: 348	RAM: 21 MB
Chamber string ensemble Single notes: Pizzicato 3 velocity layers 2 Alternations			
04 Appassionata Strings			
Violin ensemble (20 players) Viola ensemble (14 players) Cello ensemble (12 players) Double bass ensemble (10 players)			
Articulations: Staccato, sustained			
01S VI-20 staccato	Range: G3–D#7	Samples: 132	RAM: 8 MB
Violin ensemble, 20 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02S VI-20 sustain	Range: G3–A7	Samples: 198	RAM: 12 MB
Violin ensemble, 20 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f Release samples 2 Alternations			
11S VA-14 staccato	Range: C3–A6	Samples: 132	RAM: 8 MB
Viola ensemble, 14 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
12S VA-14 sustain	Range: C3–G6	Samples: 198	RAM: 12 MB
Viola ensemble, 14 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f Release samples 2 Alternations			
21S VC-12 staccato	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 12 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

22S VC-12 sustain	Range: C2–A#5	Samples: 216	RAM: 13 MB
Cello ensemble, 12 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples 2 Alternations			
31S DB-10 staccato	Range: B0–C4	Samples: 114	RAM: 7 MB
Bass ensemble, 10 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
32S DB-10 sustain	Range: B0–C4	Samples: 171	RAM: 10 MB
Bass ensemble, 10 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples 2 Alternations			
41S App-Strings staccato	Range: B0–D#7	Samples: 342	RAM: 21 MB
Appassionata ensemble Single notes: Staccato Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–B4; Violins C4–D#7 3 velocity layers 2 Alternations			
42S App-Strings sustain	Range: B0–A7	Samples: 529	RAM: 33 MB
Appassionata ensemble Single notes: Sustained Mapping: Basses B0–B2; Cellos C2–B3; Violas C3–B4; Violins C4–A7 3 velocity layers Release samples 2 Alternations			
11 Flutes			
Flute 2 Alto flute Flute ensemble (3 players)			
Articulations: Staccato, sustained, sforzato, legato			
21S FL2 staccato	Range: B3–D7	Samples: 80	RAM: 5 MB
Flute 2 Single notes: Staccato 2 velocity layers: 0–88 p; 89–127 mf 2 Alternations			

22S FL2 sustain	Range: B3–D7	Samples: 117	RAM: 7 MB
Flute 2 Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			
23S FL2 sforzato	Range: B3–C7	Samples: 19	RAM: 1 MB
Flute 2 Single notes: Sforzato 1 velocity layer			
24S FL2 legato	Range: B3–B6	Samples: 967	RAM: 60 MB
Flute 2 Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
25S FL2 legato-sus	Range: B3–B6	Samples: 986	RAM: 61 MB
Flute 2 Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
31S AFL staccato	Range: E3–A6	Samples: 118	RAM: 7 MB
Alto flute Single notes: Staccato			
32S AFL sustain	Range: E3–G#6	Samples: 118	RAM: 7 MB
Alto flute Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
33S AFL sforzato	Range: E3–G6	Samples: 19	RAM: 1 MB
Alto flute Single notes: Sforzato 1 velocity layer			
34S AFL legato	Range: E3–F6	Samples: 916	RAM: 57 MB
Alto flute Interval performances: Legato Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			

35S AFL legato-sus	Range: E3–F6	Samples: 916	RAM: 57 MB
<p>Alto flute Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples</p>			
41S FL-a3 staccato	Range: B3–C7	Samples: 114	RAM: 7 MB
<p>Flute ensemble, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations</p>			
42S FL-a3 sustain	Range: B3–C7	Samples: 114	RAM: 7 MB
<p>Flute ensemble, 3 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples</p>			
43S FL-a3 sforzato	Range: B3–C7	Samples: 19	RAM: 1 MB
<p>Flute ensemble, 3 players Single notes: Sforzato 1 velocity layer</p>			
44S FL-a3 legato	Range: B3–C7	Samples: 638	RAM: 39 MB
<p>Flute ensemble, 3 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 mf Release samples</p>			
45S FL-a3 legato-sus	Range: B3–C7	Samples: 638	RAM: 39 MB
<p>Flute ensemble, 3 players Interval performances: Legato, notes crossfading into sustains</p>			
12 Oboes			
<p>Viennese oboe Oboe d'amore Oboe ensemble (3 players)</p>			
Articulations:			
<p>Staccato, sustained, sforzato, legato</p>			
11S OBvn staccato	Range: A#3–G6	Samples: 107	RAM: 6 MB
<p>Viennese oboe Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations</p>			

12S OBvn sustain	Range: A#3–G6	Samples: 108	RAM: 6 MB
Viennese oboe Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f Release samples			
13S OBvn sforzato	Range: A#3–G6	Samples: 18	RAM: 1 MB
Viennese oboe Single notes: Sforzato 1 velocity layer			
14S OBvn legato	Range: A#3–E6	Samples: 668	RAM: 41 MB
Viennese oboe Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
15S OBvn legato-sus	Range: A#3–E6	Samples: 668	RAM: 41 MB
Viennese oboe Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
21S OBdm staccato	Range: G3–E6	Samples: 102	RAM: 6 MB
Oboe d'amore Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
22S OBdm sustain	Range: G3–E6	Samples: 102	RAM: 6 MB
Oboe d'amore Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
23S OBdm sforzato	Range: G3–E6	Samples: 17	RAM: 1 MB
Oboe d'amore Single notes: Sforzato 1 velocity layer			
24S OBdm legato	Range: G3–D6	Samples: 745	RAM: 46 MB
Oboe d'amore Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

25S OBdm legato-sus	Range: G3–D6	Samples: 777	RAM: 48 MB
<p>Oboe d'amore Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples</p>			
41S OB-a3 staccato	Range: A#3–F6	Samples: 96	RAM: 6 MB
<p>Oboe ensemble, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations</p>			
42S OB-a3 sustain	Range: A#3–F6	Samples: 92	RAM: 5 MB
<p>Oboe ensemble, 3 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples</p>			
43S OB-a3 sforzato	Range: A#3–F6	Samples: 16	RAM: 1 MB
<p>Oboe ensemble, 3 players Single notes: Sforzato 1 velocity layer</p>			
44S OB-a3 legato	Range: A#3–E6	Samples: 473	RAM: 29 MB
<p>Oboe ensemble, 3 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 mf; 89–127 f Release samples</p>			
45S OB-a3 legato-sus	Range: A#3–E6	Samples: 488	RAM: 30 MB
<p>Oboe ensemble, 3 players Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 mf; 89–127 f Release samples</p>			

13 Clarinets

Small clarinet in Eb
 Basset horn
 Clarinet ensemble (3 players)

Articulations:

Staccato, sustained, sforzato,
 legato

01S CLEb staccato	Range: F3–C7	Samples: 132	RAM: 8 MB
Small clarinet in Eb Single notes: Staccato 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f 2 Alternations			
02S CLEb sustain	Range: F3–C7	Samples: 132	RAM: 8 MB
Small clarinet in Eb Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f Release samples			
03S CLEb sforzato	Range: F3–C7	Samples: 22	RAM: 1 MB
Small clarinet in Eb Single notes: Sforzato 1 velocity layer			
04S CLEb legato	Range: F3–A6	Samples: 976	RAM: 61 MB
Small clarinet in Eb Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
05S CLEb legato-sus	Range: F3–A6	Samples: 996	RAM: 62 MB
Small clarinet in Eb Interval performances: Legato, notes crossfading into sustains			
31S BH staccato	Range: F2–C6	Samples: 138	RAM: 8 MB
Basset horn Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
32S BH sustain	Range: F2–C6	Samples: 138	RAM: 8 MB
Basset horn Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			

33S BH sforzato	Range: F2–C6	Samples: 23	RAM: 1 MB
Basset horn Single notes: Sforzato 1 velocity layer			
34S BH legato	Range: F2–B5	Samples: 1087	RAM: 67 MB
Basset horn Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
35S BH legato-sus	Range: F2–B5	Samples: 1131	RAM: 70 MB
Basset horn Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
41S CL-a3 staccato	Range: C3–F6	Samples: 126	RAM: 7 MB
Clarinet ensemble, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
42S CL-a3 sustain	Range: C3–E6	Samples: 120	RAM: 7 MB
Clarinet ensemble, 3 players Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			
43S CL-a3 sforzato	Range: C3–F6	Samples: 21	RAM: 1 MB
Clarinet ensemble, 3 players Single notes: Sforzato 1 velocity layer			
44S CL-a3 legato	Range: C3–E6	Samples: 676	RAM: 42 MB
Clarinet ensemble, 3 players Interval performances: Legato			
45S CL-a3 legato-sus	Range: C3–E6	Samples: 676	RAM: 42 MB
Clarinet ensemble, 3 players Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 mf Release samples			

14 Bassoons

Bassoon ensemble (3 players)

Articulations:Staccato, sustained, sforzato,
legato

21S BA-a3 staccato	Range: A#1–D#5	Samples: 126	RAM: 7 MB
Bassoon ensemble, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f 2 Alternations			
22S BA-a3 sustain	Range: A#1–D#5	Samples: 126	RAM: 7 MB
Bassoon ensemble, 3 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
23S BA-a3 sforzato	Range: A#1–D5	Samples: 21	RAM: 1 MB
Bassoon ensemble, 3 players Single notes: Sforzato 1 velocity layer			
24S BA-a3 legato	Range: A#1–D5	Samples: 681	RAM: 42 MB
Bassoon ensemble, 3 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 mf Release samples			
25S BA-a3 legato-sus	Range: A#1–D5	Samples: 681	RAM: 42 MB
Bassoon ensemble, 3 players Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 mf Release samples			

15 Saxophones

Alto saxophone
 Tenor saxophone
 Baritone saxophone

Articulations:

Staccato, sustained, sforzato,
 legato

01S SXA staccato	Range: C3–C#6	Samples: 114	RAM: 7 MB
Alto saxophone Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02S SXA sustain	Range: C3–C#6	Samples: 110	RAM: 6 MB
Alto saxophone Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 ff Release samples			
03S SXA sforzato	Range: C3–C#6	Samples: 19	RAM: 1 MB
Alto saxophone Single notes: Sforzato 1 velocity layer			
04S SXA legato	Range: C3–C#6	Samples: 1339	RAM: 83 MB
Alto saxophone Interval performances: Legato Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
05S SXA legato-sus	Range: C3–C#6	Samples: 1394	RAM: 87 MB
Alto saxophone Interval performances: Legato, notes crossfading into sustains Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11S SXT staccato	Range: G2–E5	Samples: 102	RAM: 6 MB
Tenor saxophone Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 ff 2 Alternations			
12S SXT sustain	Range: G2–E5	Samples: 102	RAM: 6 MB
Tenor saxophone Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples			

13S SXT sforzato	Range: G2–E5	Samples: 17	RAM: 1 MB
Tenor saxophone Single notes: Sforzato 1 velocity layer			
14S SXT legato	Range: G2–D5	Samples: 1092	RAM: 68 MB
Tenor saxophone Interval performances: Legato Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
15S SXT legato-sus	Range: G2–D5	Samples: 1124	RAM: 70 MB
Tenor saxophone Interval performances: Legato, notes crossfading into sustains Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
21S SXB staccato	Range: C2–G#4	Samples: 102	RAM: 6 MB
Baritone saxophone Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
22S SXB sustain	Range: C2–A4	Samples: 108	RAM: 6 MB
Baritone saxophone Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
23S SXB sforzato	Range: C2–A4	Samples: 17	RAM: 1 MB
Baritone saxophone Single notes: Sforzato 1 velocity layer			
24S SXB legato	Range: C2–G#4	Samples: 802	RAM: 50 MB
Baritone saxophone Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
25S SXB legato-sus	Range: C2–G#4	Samples: 853	RAM: 53 MB
Baritone saxophone Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

21 Horns

Viennese horn
Horn ensemble (8 players)

Articulations:

Staccato, sustained, sforzato,
legato

01S HOvn staccato	Range: A#1–F5	Samples: 152	RAM: 9 MB
Viennese horn Single notes: Staccato 4 velocity layers: 0–55 mp; 56–88 mp; 89–108 mf; 109–127 f 2 Alternations			
02S HOvn sustain	Range: A#1–F5	Samples: 118	RAM: 7 MB
Viennese horn Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
03S HOvn sforzato	Range: F2–C#5	Samples: 13	RAM: 1 MB
Viennese horn Single notes: Sforzato 1 velocity layer			
04S HOvn legato	Range: G2–F5	Samples: 980	RAM: 61 MB
Viennese horn Interval performances: Legato Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
05S HOvn legato-sus	Range: G2–F5	Samples: 980	RAM: 61 MB
Viennese horn Interval performances: Legato, notes crossfading into sustains Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
31S HO-a8 staccato	Range: A#1–E5	Samples: 120	RAM: 7 MB
Horn ensemble, 8 players Single notes: Staccato 4 velocity layers: 0–55 p; 56–88 mf; 89–108 f; 109–127 ff 2 Alternations			
32S HO-a8 sustain	Range: A#1–D5	Samples: 114	RAM: 7 MB
Horn ensemble, 8 players Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			

33S HO-a8 sforzato	Range: A#1–E5	Samples: 20	RAM: 1 MB
Horn ensemble, 8 players Single notes: Sforzato 1 velocity layer			
34S HO-a8 legato	Range: A#1–D5	Samples: 918	RAM: 57 MB
Horn ensemble, 8 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			
22 Trumpets	Range: C4–F6		
Piccolo trumpet Trumpet in C, muted Trumpet ensemble (3 players), muted			
Articulations: Staccato, sustained, sforzato, legato			
01S PTr staccato		Samples: 84	RAM: 5 MB
Piccolo trumpet Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
02S PTr sustain		Samples: 90	RAM: 5 MB
Piccolo trumpet Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples			
03S PTr sforzato		Samples: 15	RAM: 1 MB
Piccolo trumpet Single notes: Sforzato 1 velocity layer			
04S PTr legato		Samples: 606	RAM: 37 MB
Piccolo trumpet Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
05S PTr legato-sus		Samples: 606	RAM: 37 MB
Piccolo trumpet Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

21S TrC-mu staccato	Range: E3–C6	Samples: 96	RAM: 6 MB
Trumpet in C, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
22S TrC-mu sustain	Range: E3–C6	Samples: 96	RAM: 6 MB
Trumpet in C, muted Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
23S TrC-mu sforzato	Range: E3–C#6	Samples: 16	RAM: 1 MB
Trumpet in C, muted Single notes: Sforzato 1 velocity layer			
24S TrC-mu legato	Range: E3–C6	Samples: 688	RAM: 43 MB
Trumpet in C, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
41S Tr-a3mu staccato	Range: F#3–C#6	Samples: 90	RAM: 5 MB
Trumpet ensemble, 3 players, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
42S Tr-a3mu sustain	Range: F#3–C6	Samples: 84	RAM: 5 MB
Trumpet ensemble, 3 players, muted Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
43S Tr-a3mu sforzato	Range: F#3–C6	Samples: 14	RAM: 1 MB
Trumpet ensemble, 3 players, muted Single notes: Sforzato 1 velocity layer			
44S Tr-a3mu legato	Range: F#3–C6	Samples: 682	RAM: 42 MB
Trumpet ensemble, 3 players, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

23 Trombones

Tenor trombone, muted
 Contrabass trombone
 Trombone ensemble, muted

Articulations:

Staccato, sustained, sforzato,
 legato

11S TTB-mu staccato	Range: C2–D5	Samples: 102	RAM: 6 MB
Tenor trombone, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
12S TTB-mu sustain	Range: C2–D5	Samples: 102	RAM: 6 MB
Tenor trombone, muted Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
13S TTB-mu sforzato	Range: C2–D5	Samples: 17	RAM: 1 MB
Tenor trombone, muted Single notes: Sforzato 1 velocity layer			
14S TTB-mu legato	Range: C2–C5	Samples: 745	RAM: 46 MB
Tenor trombone, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
31S CTB staccato	Range: A0–C#4	Samples: 120	RAM: 7 MB
Contrabass trombone Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
32S CTB sustain	Range: A0–C#4	Samples: 124	RAM: 7 MB
Contrabass trombone Single notes: Sustained			
33S CTB sforzato	Range: A0–C#4	Samples: 20	RAM: 1 MB
Contrabass trombone Single notes: Sforzato 1 velocity layer			

34S CTB legato	Range: A0–C4	Samples: 934	RAM: 58 MB
Contrabass trombone Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
35S CTB legato-sus	Range: A0–C4	Samples: 934	RAM: 58 MB
Contrabass trombone Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
51S TB-a3mu staccato	Range: C2–A4	Samples: 90	RAM: 5 MB
Trombone ensemble, 3 players, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
52S TB-a3mu sustain	Range: C2–A4	Samples: 90	RAM: 5 MB
Trombone ensemble, 3 players, muted Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f Release samples			
53S TB-a3mu sforzato	Range: C2–A4	Samples: 15	RAM: 1 MB
Trombone ensemble, 3 players, muted Single notes: Sforzato 1 velocity layer			
54S TB-a3mu legato	Range: C2–G#4	Samples: 631	RAM: 39 MB
Trombone ensemble, 3 players, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
24 Tubas			
Contrabass tuba Wagner tuba			
Articulations:			
Staccato, sustained, sforzato, legato			
11S CTU staccato	Range: A0–C4	Samples: 114	RAM: 7 MB
Contrabass tuba Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			

12S CTU sustain	Range: A0–C4	Samples: 114	RAM: 7 MB
Contrabass tuba Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
13S CTU sforzato	Range: C1–C4	Samples: 16	RAM: 1 MB
Contrabass tuba Single notes: Sforzato 1 velocity layer			
14S CTU legato	Range: A0–C4	Samples: 860	RAM: 53 MB
Contrabass tuba Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
15S CTU legato-sus	Range: A0–C4	Samples: 860	RAM: 53 MB
Contrabass tuba Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
21S WTU staccato	Range: A#1–G5	Samples: 130	RAM: 8 MB
Wagner tuba Single notes: Staccato 3 velocity layers: 0–55 mf; 56–108 f; 109–127 ff 2 Alternations			
22S WTU sustain	Range: A#1–G5	Samples: 135	RAM: 8 MB
Wagner tuba Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples			
23S WTU sforzato	Range: A#1–G5	Samples: 23	RAM: 1 MB
Wagner tuba Single notes: Sforzato 1 velocity layer			
24S WTU legato	Range: A#1–F5	Samples: 1043	RAM: 65 MB
Wagner tuba Interval performances: Legato Monophonic 2 velocity layers: 0–88 mp; 89–127 f Release samples			

32 Keyboards+Mallets

Harpsichord
Konzerthaus organ

11 Cembalo**Range: F1–E6****Samples: 94****RAM: 5 MB**

Harpsichord, 8' register: Single notes, sustained
1 velocity layer
Release samples

21 Organ Plenum manual**Range: C2–A6****Samples: 174****RAM: 10 MB**

Konzerthaus organ
Manual, Large Principalplenum: Principal 8', Nasatquinte 5 1/3', Octave 4', Superoctave 2', Rauschquinte 2f, Mixtur 5f, Cymbel 3f
1 velocity layer
Release samples
AB switch: octave up

22 Organ Plenum pedal**Range: C2–F4****Samples: 90****RAM: 5 MB**

Konzerthaus organ
Pedal, Large Principalplenum: Principalbass 32', Principalbass 16', Subbass 16', Quintbass 10 2/3', Octavbass 8', Octave 4', Mixtur 4f
1 velocity layer
Release samples
AB switch: octave down

23 Organ Flutes manual**Range: C2–A6****Samples: 174****RAM: 10 MB**

Konzerthaus organ
Manual, Flutes: Quintatoen 16', Bordun 8', Gemshorn 4', Woodpipe 2'

24 Organ Flutes pedal**Range: C2–F4****Samples: 90****RAM: 5 MB**

Konzerthaus organ
Pedal, Flutes: Subbass 16', Bassflute 8'
1 velocity layer
Release samples
AB switch: octave down

33 Guitars

Concert guitar
Electric guitar, distorted

01 CG staccato**Range: D2–C6****Samples: 144****RAM: 9 MB**

Concert guitar
Single notes: Staccato
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
2 Alternations

02 CG sustain**Range: D2–C6****Samples: 72****RAM: 4 MB**

Concert guitar
Single notes: Sustained
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

03 CG sustain vibrato	Range: D2–C6	Samples: 144	RAM: 9 MB
Concert guitar Single notes: Sustained, with vibrato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
04 CG legato	Range: D2–C6	Samples: 1758	RAM: 109 MB
Concert guitar Interval performances: Legato Monophonic 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
11 EG staccato	Range: B1–C#6	Samples: 441	RAM: 27 MB
Electric guitar, distorted Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
12 EG sustain	Range: B1–D6	Samples: 104	RAM: 6 MB
Electric guitar, distorted Single notes: Sustained, forte 1 velocity layer Release samples			
13 EG sustain vibrato	Range: B1–D6	Samples: 104	RAM: 6 MB
Electric guitar, distorted Single notes: Sustained, forte, with vibrato 1 velocity layer Release samples			
14 EG sustain whammy	Range: B1–D6	Samples: 104	RAM: 6 MB
Electric guitar, distorted Single notes: Sustained, forte, with whammy bar action 1 velocity layer Release samples			
15 EG legato	Range: B1–C6	Samples: 1257	RAM: 78 MB
Electric guitar, distorted Interval performances: Legato/glissando, forte Monophonic 1 velocity layer Release samples AB switch: legato/glissando			
16 EG legato vibrato	Range: B1–C6	Samples: 1259	RAM: 78 MB
Electric guitar, distorted Interval performances: Legato, with vibrato/glissando Monophonic 1 velocity layer Release samples AB switch: legato/glissando			

17 EG legato whammy**Range: B1–C6****Samples: 1259 RAM: 78 MB**

Electric guitar, distorted

Interval performances: Legato, with whammy bar/glissando

Monophonic

1 velocity layer

Release samples

AB switch: legato/glissando

99 Release

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

02 Chamber strings

11S Chamber violins

Samples: 2652 RAM: 165 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

12S Chamber violas

Samples: 2342 RAM: 146 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

13S Chamber cellos

Samples: 2563 RAM: 160 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

14S Chamber basses

Samples: 2373 RAM: 148 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

15S Chamber violins + violins - 8va**Samples: 2652 RAM: 165 MB**

Violins + octave transposition

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

16S Chamber violins + violas - 8va**Samples: 4994 RAM: 312 MB**

Violins + violas octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

17S Chamber violas + cellos - 8va**Samples: 4905 RAM: 306 MB**

Violas + cellos octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

18S Chamber cellos + basses - 8va**Samples: 4936 RAM: 308 MB**

Cellos + basses octave

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

19S Chamber Strings all**Samples: 1792 RAM: 112 MB**

Staccato, détaché, sustained, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Please note that the lowest bass notes (B0–D1) in this Matrix are superseded by keyswitches

Matrix switches: Horizontal: Keyswitches, A0–D1 Vertical: Modwheel, 2 zones

	A0	A#0	B0	C1	C#1	D1
V1	staccato	détaché	sustained	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	sforzato	trem./stacc. attack	pizzicato

04 Appassionata strings**31S App-Strings violins****Samples: 330 RAM: 20 MB**

Staccato, sustained

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 2 zones

	C1	C#1
V1	staccato	sustained
V2	sus./stacc. attack	sus./stacc. attack

32S App-Strings violas**Samples: 330 RAM: 20 MB**

Staccato, sustained

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 2 zones

	C1	C#1
V1	staccato	sustained
V2	sus./stacc. attack	sus./stacc. attack

33S App-Strings cellos**Samples: 354 RAM: 22 MB**

Staccato, sustained

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 2 zones

	C1	C#1
V1	staccato	sustained
V2	sus./stacc. attack	sus./stacc. attack

34S App-Strings basses**Samples: 285 RAM: 17 MB**

Staccato, sustained

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–C#6 Vertical: Modwheel, 2 zones

	C6	C#6
V1	staccato	sustained
V2	sus./stacc. attack	sus./stacc. attack

35S App-Strings violins + violins - 8va**Samples: 330 RAM: 20 MB**

Violins + octave transposition

Staccato, sustained

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–C#1

	C1	C#1
V1	staccato	sustained

36S App-Strings violins + violas - 8va**Samples: 660 RAM: 41 MB**

Violins + violas octave

Staccato, sustained

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–C#1

	C1	C#1
V1	staccato	sustained

37S App-Strings violas + cellos - 8va**Samples: 684 RAM: 42 MB**

Violas + cellos octave

Staccato, sustained

Please note that the highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–C#1

	C1	C#1
V1	staccato	sustained

38S App-Strings cellos + basses - 8va**Samples: 639 RAM: 39 MB**

Cellos + basses octave

Staccato, sustained

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–C#1

	C1	C#1
V1	staccato	sustained

39S App-Strings all**Samples: 871 RAM: 54 MB**

Staccato, sustained

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, A0–A#0 Vertical: Modwheel, 2 zones

	A0	A#0
V1	staccato	sustained
V2	sus./stacc. attack	sus./stacc. attack

05 Harp**41S Harp****Samples: 146 RAM: 9 MB**

Single notes: Normal and harmonics

Matrix switches: Vertical: Modwheel, 2 zones

	H1
V1	normal
V2	harmonics

11 Flutes**03S Flute 2****Samples: 1108 RAM: 69 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

04S Alto flute**Samples: 1077 RAM: 67 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

05S Flute ensemble**Samples: 790 RAM: 49 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

12 Oboes**12S Oboe vienna****Samples: 815 RAM: 50 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

13S Oboe d'amore**Samples: 915 RAM: 57 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

15S Oboe ensemble**Samples: 600 RAM: 37 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

13 Clarinets**21S Clarinet Eb****Samples: 1176 RAM: 73 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

24S Basset horn**Samples: 1317 RAM: 82 MB**

Staccato, sustained, sforzato, legato
 Sustained with staccato attack
 Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

25S Clarinet ensemble**Samples: 863 RAM: 53 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

14 Bassoons**33 Bassoon ensemble****Samples: 849 RAM: 53 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

15 Saxophones**41 Alto saxophone****Samples: 1546 RAM: 96 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

42 Tenor saxophone**Samples: 1246 RAM: 77 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

43 Bariton saxophone**Samples: 975 RAM: 60 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

44 Alto sax + tenor - 8va**Samples: 2773 RAM: 173 MB**

Alto + tenor saxophone octave

Staccato, sustained, sforzato, legato

Please note that the lowest and highest notes of these Patches only play a single instrument

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

21 Horns**01S Horn vienna****Samples: 1188 RAM: 74 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

04S Horn ensemble - a8**Samples: 1110 RAM: 69 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

22 Trumpets**11S Piccolo trumpet****Samples: 720 RAM: 45 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

13S Trumpet C mute**Samples: 848 RAM: 53 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

15S Trumpet ensemble mute**Samples: 800 RAM: 50 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

23 Trombones**22S Tenor trombone mute****Samples: 915 RAM: 57 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

24S Contrabass trombone**Samples: 1094 RAM: 68 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack
Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

26S Trombone ensemble mute**Samples: 781 RAM: 48 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

24 Tubas**32S Contrabass tuba****Samples: 1009 RAM: 63 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack
Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus. XF

33S Wagner tuba**Samples: 1216 RAM: 76 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

31 Keyboards**02S Cembalo****Samples: 94****RAM: 5 MB**

Single notes

03S Organ**Samples: 528****RAM: 33 MB**

Plenum manual and pedal
Flutes manual and pedal
Combination patches
AB switch: A0/B0 octave shift for full keyboard

Matrix switches: Horizontal: Keyswitches, C1–C#1 Vertical: Modwheel, 3 zones

	C1	C#1
V1	plenum manual	flutes manual
V2	plenum pedal	flutes pedal
V3	plenum manual/pedal	flutes manual/pedal

41 Guitars**21S Concert Guitar****Samples: 360****RAM: 22 MB**

Staccato, sustained, sustained with vibrato

Matrix switches: Horizontal: Keyswitches, C1–D1

	C1	C#1	D1
V1	staccato	sustained	sustained with vibrato

22S E- Guitar**Samples: 2004****RAM: 125 MB**

Staccato
Sustained with and without vibrato and with whammy bar action
Legato with and without vibrato and with whammy bar
AB switch: A0/B0 legato/glissando

Matrix switches: Horizontal: Keyswitches, C1–D1 Vertical: Modwheel, 3 zones

	C1	C#1	D1
V1	staccato	sustained	legato
V2	%	sustained vibrato	legato vibrato
V3	%	sustained whammy	legato whammy

Presets

SE02 Preset Chamber Strings

Samples: 9930 RAM: 620 MB

Matrices:

- 11S Chamber violins
- 12S Chamber violas
- 13S Chamber cellos
- 14S Chamber basses
- 15S Chamber violins + violins - 8va
- 16S Chamber violins + violas - 8va
- 17S Chamber violas + cellos - 8va
- 18S Chamber cellos + basses - 8va
- 19S Chamber Strings

SE04 Preset Appassionata Strings

Samples: 1299 RAM: 81 MB

Matrices:

- 31S App-Strings violins
- 32S App-Strings violas
- 33S App-Strings cellos
- 34S App-Strings basses
- 35S App-Strings violins + violins - 8va
- 36S App-Strings violins + violas - 8va
- 37S App-Strings violas + cellos - 8va
- 38S App-Strings cellos + ba

SE15 Preset Saxophones

Samples: 3767 RAM: 235 MB

Matrices:

- 41 Alto saxophone
- 42 Tenor saxophone
- 43 Bariton saxophone
- 44 Alto sax + tenor - 8va
- Preset keyswitches: G1-A#1

SE34 Preset Guitars

Samples: 2364 RAM: 147 MB

Matrices:

- 21S Concert Guitar
- 22S E- Guitar
- Preset keyswitches: G1-G#1

Special Edition V2 PLUS

Patches

02 Chamber Strings

Violin ensemble (6), Viola ensemble (4), Cello ensemble (3), Bass ensemble (2):
 Short détaché, fortepiano, snap pizzicato
 Trills half and whole tone
 Repetition performances, legato and spiccato
 Fast repetitions, 150, 170, 190 BPM
 Artificial harmonics

02 Chamber Strings/00 Violins advanced Range: G3–C7

01B VI-6 detache short

Samples: 132 RAM: 8 MB

Single notes: Short détaché
 3 velocity layers: 0–5 pp; 56–108 mf; 109–127 f
 2 Alternations

02B VI-6 fortepiano

Samples: 22 RAM: 1 MB

Single notes: Fortepiano, with vibrato
 1 velocity layer

03B VI-6 pizz-snap

Samples: 44 RAM: 2 MB

Single notes: Snap or Bartók pizzicato
 1 velocity layer: 0–127 f
 2 Alternations

04B VI-6 trill_1

Samples: 84 RAM: 5 MB

Trills: Half tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

05B VI-6 trill_2

Samples: 84 RAM: 5 MB

Trills: Whole tone
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

06B VI-6 perf-rep legato

Samples: 315 RAM: 19 MB

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

07B VI-6 perf-rep spiccato

Samples: 567 RAM: 35 MB

Repetition performances: Spiccato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

08B VI-6 fast-rep BPM-150		Samples: 126	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
09B VI-6 fast-rep BPM-170		Samples: 126	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B VI-6 fast-rep BPM-190		Samples: 126	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VI-6 harm-art staccato	Range: G4–E7	Samples: 34	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			
12B VI-6 harm-art sustain	Range: G4–E7	Samples: 68	RAM: 4 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
02 Chamber Strings/10 Violas advanced	Range: C3–D6		
01B VA-4 detache short		Samples: 114	RAM: 7 MB
Single notes: Short détaché 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations			
02B VA-4 fortepiano		Samples: 19	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B VA-4 pizz-snap		Samples: 38	RAM: 2 MB
Single notes: Snap or Bartók pizzicato 1 velocity layer: 0–127 ff 2 Alternations			
04B VA-4 trill_1		Samples: 76	RAM: 4 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B VA-4 trill_2		Samples: 76	RAM: 4 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			

06B VA-4 perf-rep legato		Samples: 285	RAM: 17 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
07B VA-4 perf-rep spiccato		Samples: 513	RAM: 32 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B VA-4 fast-rep BPM-150		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM			
09B VA-4 fast-rep BPM-170		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B VA-4 fast-rep BPM-190		Samples: 114	RAM: 7 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VA-4 harm-art staccato	Range: C4–A#6	Samples: 34	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			
12B VA-4 harm-art sustain	Range: C4–A#6	Samples: 68	RAM: 4 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
02 Chamber Strings/20 Cellos advanced	Range: C2–A#5		
01B VC-3 detache short		Samples: 138	RAM: 8 MB
Single notes: Short détaché 3 velocity layers: 0–55 pp; 56–108 f; 109–127 ff 2 Alternations			
02B VC-3 fortepiano		Samples: 23	RAM: 1 MB
Single notes: Fortepiano, with vibrato 1 velocity layer			
03B VC-3 pizz-snap		Samples: 44	RAM: 2 MB
Single notes: Snap or Bartók pizzicato 1 velocity layer: 0–127 f 2 Alternations			

04B VC-3 trill_1	Range: C2–G#5	Samples: 83	RAM: 5 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B VC-3 trill_2	Range: C2–G#5	Samples: 84	RAM: 5 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
06B VC-3 perf-rep legato		Samples: 330	RAM: 20 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
07B VC-3 perf-rep spiccato		Samples: 621	RAM: 38 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B VC-3 fast-rep BPM-150		Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
09B VC-3 fast-rep BPM-170		Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B VC-3 fast-rep BPM-190		Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B VC-3 harm-art staccato	Range: C3–A6	Samples: 44	RAM: 2 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			
12B VC-3 harm-art sustain	Range: C3–A6	Samples: 88	RAM: 5 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
02 Chamber Strings/30 Bassi advanced	Range: B0–G#4		
01B DB-2 detache short		Samples: 132	RAM: 8 MB
Single notes: Short détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

02B DB-2 fortepiano		Samples: 22	RAM: 1 MB
Single notes: Fortepiano 1 velocity layer			
03B DB-2 pizz-snap		Samples: 44	RAM: 2 MB
Single notes: Snap or Bartók pizzicato 1 velocity layer 2 Alternations			
04B DB-2 trill_1	Range: B0-E4	Samples: 76	RAM: 4 MB
Trills: Half tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B DB-2 trill_2	Range: B0-E4	Samples: 76	RAM: 4 MB
Trills: Whole tone 2 velocity layers: 0–88 p; 89–127 f Release samples			
06B DB-2 perf-rep legato		Samples: 330	RAM: 20 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
07B DB-2 perf-rep spiccato		Samples: 594	RAM: 37 MB
Repetition performances: Spiccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
08B DB-2 fast-rep BPM-150	Range: B0-F#4	Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
09B DB-2 fast-rep BPM-170	Range: B0-F#4	Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
10B DB-2 fast-rep BPM-190	Range: B0-F#4	Samples: 132	RAM: 8 MB
Fast repetitions: 9 repetitions, 16ths at 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
11B DB-2 harm-art staccato	Range: D3-G5	Samples: 26	RAM: 1 MB
Artificial harmonics: Single notes, staccato 1 velocity layer 2 Alternations			
12B DB-2 harm-art sustain	Range: D3-E5	Samples: 52	RAM: 3 MB
Artificial harmonics: Single notes, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			

04 Appassionata Strings

Violin ensemble (20), Viola ensemble (14), Cello ensemble (12), Double bass ensemble (10):

Muted notes

Staccato, sustained

04 Appassionata Strings/00 Appassionata advanced**01B VI-20 mute staccato****Range: G3–D#7****Samples: 132****RAM: 8 MB**

Muted notes

Staccato

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

2 Alternations

02B VI-20 mute sustain**Range: G3–A7****Samples: 150****RAM: 9 MB**

Muted notes

Sustained, strong vibrato

2 velocity layers: 0–88 p; 89–127 f

Release samples

2 Alternations

11B VA-14 mute staccato**Range: C3–G6****Samples: 132****RAM: 8 MB**

Muted notes

Staccato

12B VA-14 mute sustain**Range: C3–G6****Samples: 132****RAM: 8 MB**

Muted notes

Sustained, strong vibrato

2 velocity layers: 0–88 p; 89–127 f

Release samples

2 Alternations

21B VC-12 mute staccato**Range: C2–A#5****Samples: 144****RAM: 9 MB**

Muted notes

Staccato

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

2 Alternations

22B VC-12 mute sustain**Range: C2–A#5****Samples: 144****RAM: 9 MB**

Muted notes

Sustained, strong vibrato

2 velocity layers: 0–88 p; 89–127 f

Release samples

2 Alternations

31B DB-10 mute staccato**Range: B0–C4****Samples: 114****RAM: 7 MB**

Muted notes

Staccato

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

2 Alternations

32B DB-10 mute sustain	Range: B0–C4	Samples: 114	RAM: 7 MB
Muted notes Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
11 Flutes			
Concert flute 2, Alto flute, Flute ensemble (3): Portato, fortepiano Trills half and whole tone Repetition performances, legato and staccato Fast repetitions, 150, 170, 190 BPM			
11 Flutes/20 Flute II advanced	Range: B3–C7		
01B FL2 portato	Range: B3–D7	Samples: 116	RAM: 7 MB
Portato, without vibrato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B FL2 fp		Samples: 19	RAM: 1 MB
Fortepiano, with vibrato 1 velocity layer			
03B FL2 trill_1	Range: B3–A#6	Samples: 74	RAM: 4 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B FL2 trill_2	Range: B3–A6	Samples: 68	RAM: 4 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B FL2 perf-rep legato		Samples: 190	RAM: 11 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
06B FL2 perf-rep staccato		Samples: 400	RAM: 25 MB
Repetition performances: Staccato 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff			
07B FL2 fast-rep BPM-150		Samples: 114	RAM: 7 MB
Fast repetitions: 150 BPM 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff Release samples			

08B FL2 fast-rep BPM-170**Samples: 114 RAM: 7 MB**

Fast repetitions: 170 BPM
 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff
 Release samples

09B FL2 fast-rep BPM-190**Samples: 114 RAM: 7 MB**

Fast repetitions: 190 BPM
 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff
 Release samples

11 Flutes/30 Alto flute advanced**01B AFL portato****Range: E3–A6****Samples: 118 RAM: 7 MB**

Portato, without vibrato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 2 Alternations

02B AFL fp**Range: E3–G6****Samples: 19 RAM: 1 MB**

Fortepiano, with vibrato
 1 velocity layer

03B AFL trill_1**Range: E3–F#6****Samples: 76 RAM: 4 MB**

Trills, minor 2nd
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

04B AFL trill_2**Range: E3–F6****Samples: 72 RAM: 4 MB**

Trills, major 2nd
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

05B AFL perf-rep legato**Range: E3–A6****Samples: 290 RAM: 18 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

06B AFL perf-rep staccato**Range: E3–G6****Samples: 513 RAM: 32 MB**

Repetition performances: Staccato
 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff

11 Flutes/40 Flute ensemble advanced**Range: B3–C7****01B FL-a3 portato****Samples: 114 RAM: 7 MB**

Portato
 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 f
 2 Alternations

02B FL-a3 fp**Samples: 19 RAM: 1 MB**

Fortepiano
 1 velocity layer

03B FL-a3 trill_1	Range: B3–A#6	Samples: 72	RAM: 4 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B FL-a3 trill_2	Range: B3–A#6	Samples: 70	RAM: 4 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B FL-a3 perf-rep legato		Samples: 190	RAM: 11 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
06B FL-a3 perf-rep staccato		Samples: 342	RAM: 21 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
12 Oboes			
Viennese oboe, Oboe d'amore, Oboe ensemble (3): Portato, fortepiano Trills half and whole tone Repetition performances, legato and staccato			
12 Oboes/10 Oboe vienna advanced			
01B OBvn portato	Range: A#3–G6	Samples: 108	RAM: 6 MB
Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B OBvn fp	Range: A#3–G6	Samples: 18	RAM: 1 MB
Fortepiano 1 velocity layer			
03B OBvn trill_1	Range: A#3–E6	Samples: 64	RAM: 4 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B OBvn trill_2	Range: A#3–D6	Samples: 60	RAM: 3 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B OBvn perf-rep legato	Range: A#3–F#6	Samples: 95	RAM: 5 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			

06B OBvn perf-rep staccato	Range: A#3–F#6	Samples: 288	RAM: 18 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
12 Oboes/20 Oboe d'Amore advanced Range: G3–E6			
01B OBdm portato		Samples: 102	RAM: 6 MB
Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B OBdm fp		Samples: 17	RAM: 1 MB
Fortepiano, with vibrato 1 velocity layer			
03B OBdm perf-rep legato		Samples: 170	RAM: 10 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
04B OBdm perf-rep staccato		Samples: 306	RAM: 19 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
12 Oboes/40 Oboe ensemble advanced			
01B OB-a3 portato	Range: A#3–F6	Samples: 96	RAM: 6 MB
Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B OB-a3 fp	Range: A#3–F6	Samples: 16	RAM: 1 MB
Fortepiano 1 velocity layer			
03B OB-a3 trill_1	Range: A#3–C6	Samples: 52	RAM: 3 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B OB-a3 trill_2	Range: A#3–C#6	Samples: 52	RAM: 3 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B OB-a3 perf-rep legato	Range: A#3–E6	Samples: 150	RAM: 9 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			

06B OB-a3 perf-rep staccato	Range: A#3–E6	Samples: 270	RAM: 16 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			

13 Clarinets

Small clarinet in Eb, Basset horn, Clarinet ensemble (3):
Portato, fortepiano
Trills half and whole tone
Repetition performances, legato and staccato
Fast repetitions, 150, 170, 190 BPM

13 Clarinets/00 Clarinet Eb advanced

01B CLEb portato	Range: F3–C7	Samples: 132	RAM: 8 MB
Portato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 ff 2 Alternations			
02B CLEb fp	Range: F3–C7	Samples: 22	RAM: 1 MB
Fortepiano 1 velocity layer			
03B CLEb trill_1	Range: F3–A6	Samples: 80	RAM: 5 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B CLEb trill_2	Range: F3–A6	Samples: 80	RAM: 5 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B CLEb perf-rep legato	Range: F3–A6	Samples: 300	RAM: 18 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
06B CLEb perf-rep staccato	Range: F3–B6	Samples: 567	RAM: 35 MB
Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
07B CLEb fast-rep BPM-150	Range: F3–B6	Samples: 126	RAM: 7 MB
Fast repetitions: 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
08B CLEb fast-rep BPM-170	Range: F3–B6	Samples: 126	RAM: 7 MB
Fast repetitions: 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			

09B CLEb fast-rep BPM-190	Range: F3–B6	Samples: 126	RAM: 7 MB
Fast repetitions: 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
13 Clarinets/30 Basses horn advanced			
01B BH portato	Range: F2–C6	Samples: 138	RAM: 8 MB
Portato 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f 2 Alternations			
02B BH fp	Range: F2–C6	Samples: 23	RAM: 1 MB
Fortepiano 1 velocity layer			
03B BH perf-rep legato	Range: F2–B5	Samples: 220	RAM: 13 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
04B BH perf-rep staccato	Range: F2–B5	Samples: 352	RAM: 22 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
07B BH fast-rep BPM-150	Range: F2–B5	Samples: 88	RAM: 5 MB
Fast repetitions: 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
08B BH fast-rep BPM-170	Range: F2–B5	Samples: 88	RAM: 5 MB
Fast repetitions: 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
09B BH fast-rep BPM-190	Range: F2–B5	Samples: 88	RAM: 5 MB
Fast repetitions: 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			

13 Clarinets/40 Clarinet ensemble advanced Range: C3–F6

01B CL-a3 portato		Samples: 126	RAM: 7 MB
Portato 3 velocity layers: 0–55 pp; 56–108 mf; 109–127 ff 2 Alternations			
02B CL-a3 fp		Samples: 21	RAM: 1 MB
Fortepiano 1 velocity layer			

03B CL-a3 trill_1		Samples: 82	RAM: 5 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B CL-a3 trill_2		Samples: 82	RAM: 5 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B CL-a3 perf-rep legato	Range: C3–E6	Samples: 200	RAM: 12 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
06B CL-a3 perf-rep staccato	Range: C3–E6	Samples: 360	RAM: 22 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
14 Bassoons			
Bassoon ensemble (3): Portato, fortepiano Trills half and whole tone Repetition performances, legato and staccato			
14 Bassoons/20 Bassoon ensemble advanced			
01B BA-a3 portato	Range: A#1–D#5	Samples: 126	RAM: 7 MB
Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B BA-a3 fp	Range: A#1–D5	Samples: 21	RAM: 1 MB
Fortepiano 1 velocity layer			
03B BA-a3 trill_1	Range: A#1–C5	Samples: 76	RAM: 4 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B BA-a3 trill_2	Range: A#1–C5	Samples: 76	RAM: 4 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B BA-a3 perf-rep legato	Range: A#1–D5	Samples: 200	RAM: 12 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			

06B BA-a3 perf-rep staccato	Range: A#1–D5	Samples: 360	RAM: 22 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
15 Saxophones			
Alto, Tenor, Baritone saxophone: Portato, fortepiano Trills half and whole tone Repetition performances, legato and staccato Fast repetitions, 150, 170, 190 BPM			
15 Saxophones/00 Alto saxophone advanced			
01B SXA portato		Samples: 114	RAM: 7 MB
Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B SXA fp		Samples: 19	RAM: 1 MB
Fortepiano, with vibrato 1 velocity layer			
03B SXA trill_1	Range: C3–G5	Samples: 64	RAM: 4 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B SXA trill_2	Range: C3–G5	Samples: 64	RAM: 4 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B SXA perf-rep legato		Samples: 285	RAM: 17 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
06B SXA perf-rep staccato		Samples: 513	RAM: 32 MB
Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
07B SXA fast-rep BPM-150		Samples: 114	RAM: 7 MB
Fast repetitions: 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
08B SXA fast-rep BPM-170		Samples: 114	RAM: 7 MB
Fast repetitions: 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			

09B SXA fast-rep BPM-190**Samples: 114 RAM: 7 MB**

Fast repetitions: 190 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

15 Saxophones/10 Tenor saxophone advanced**Range: G2–E5****01B SXT portato****Samples: 102 RAM: 6 MB**

Portato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 2 Alternations

02B SXT fp**Samples: 17 RAM: 1 MB**

Fortepiano
 1 velocity layer

03B SXT trill_1**Range: G2–D5****Samples: 64 RAM: 4 MB**

Trills, minor 2nd
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

04B SXT trill_2**Range: G2–D5****Samples: 64 RAM: 4 MB**

Trills, major 2nd
 2 velocity layers: 0–88 p; 89–127 f
 Release samples

05B SXT perf-rep legato**Samples: 255 RAM: 15 MB**

Repetition performances: Legato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

06B SXT perf-rep staccato**Range: G2–D5****Samples: 432 RAM: 27 MB**

Repetition performances: Staccato
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

07B SXT fast-rep BPM-150**Samples: 102 RAM: 6 MB**

Fast repetitions: 150 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

08B SXT fast-rep BPM-170**Samples: 102 RAM: 6 MB**

Fast repetitions: 170 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

09B SXT fast-rep BPM-190**Samples: 102 RAM: 6 MB**

Fast repetitions: 190 BPM
 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f
 Release samples

15 Saxophones/20 Baritone saxophone advanced

01B SXB portato Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations	Range: C2–A4	Samples: 108	RAM: 6 MB
02B SXB fp Fortepiano 1 velocity layer	Range: C2–A4	Samples: 17	RAM: 1 MB
03B SXB trill_1 Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: C2–F#4	Samples: 64	RAM: 4 MB
04B SXB trill_2 Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: C2–F#4	Samples: 64	RAM: 4 MB
05B SXB perf-rep legato Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f	Range: C2–G#4	Samples: 255	RAM: 15 MB
06B SXB perf-rep staccato Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f	Range: C2–G#4	Samples: 459	RAM: 28 MB
07B SXB fast-rep BPM-150 Fast repetitions: 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples	Range: C2–G#4	Samples: 102	RAM: 6 MB
08B SXB fast-rep BPM-170 Fast repetitions: 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples	Range: C2–G#4	Samples: 102	RAM: 6 MB
09B SXB fast-rep BPM-190 Fast repetitions: 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples	Range: C2–G#4	Samples: 102	RAM: 6 MB

21 Horns

Viennese horn, Horn ensemble (8):
 Portato, fortepiano
 Trills half and whole tone
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

21 Horns/00 Horn vienna advanced

01B HOvn portato	Range: A#1–F#5	Samples: 170	RAM: 10 MB
Portato, without vibrato 4 velocity layers: 0–55 mp; 56–88 mf; 89–108 f; 109–127 ff 2 Alternations			
02B HOvn fp	Range: G2–F#5	Samples: 25	RAM: 1 MB
Fortepiano, without vibrato 1 velocity layer			
03B HOvn trill_1	Range: G2–D5	Samples: 52	RAM: 3 MB
Trills, minor 2nd 2 velocity layers: 0–108 p; 89–127 ff Release samples			
04B HOvn trill_2	Range: G2–C5	Samples: 26	RAM: 1 MB
Trills, major 2nd 2 velocity layers: 0–108 mf; 89–127 f Release samples			
05B HOvn perf-rep legato	Range: C2–D5	Samples: 306	RAM: 19 MB
Repetition performances: Legato 3 velocity layers: 0–55 p; 56–108 mp; 109–127 mf			
06B HOvn perf-rep staccato	Range: C2–D5	Samples: 459	RAM: 28 MB
Repetition performances: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff			
07B HOvn fast-rep BPM-150	Range: D2–D5	Samples: 102	RAM: 6 MB
Fast repetitions: 150 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
08B HOvn fast-rep BPM-170	Range: D2–C#5	Samples: 102	RAM: 6 MB
Fast repetitions: 170 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			
09B HOvn fast-rep BPM-190	Range: D2–C#5	Samples: 102	RAM: 6 MB
Fast repetitions: 190 BPM 3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff Release samples			

21 Horns/30 Horns a8 advanced	Range: A#1–E5		
01B HO-a8 portato		Samples: 120	RAM: 7 MB
Portato 4 velocity layers: 0–55 p; 56–88 mf; 89–108 f; 109–127 ff 2 Alternations			
02B HO-a8 fp		Samples: 20	RAM: 1 MB
Fortepiano 1 velocity layer			
03B HO-a8 trill_1	Range: A#1–D5	Samples: 74	RAM: 4 MB
Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
04B HO-a8 trill_2	Range: A#1–D5	Samples: 74	RAM: 4 MB
Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples			
05B HO-a8 perf-rep legato		Samples: 200	RAM: 12 MB
Repetition performances: Legato 2 velocity layers: 0–88 mp; 89–127 f			
06B HO-a8 perf-rep staccato		Samples: 360	RAM: 22 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
07B HO-a8 fast-rep BPM-150		Samples: 80	RAM: 5 MB
Fast repetitions: 150 BPM 2 velocity layers: 0–88 mp; 89–127 f Release samples			
08B HO-a8 fast-rep BPM-170		Samples: 80	RAM: 5 MB
Fast repetitions: 170 BPM 2 velocity layers: 0–88 mp; 89–127 f Release samples			
09B HO-a8 fast-rep BPM-190		Samples: 80	RAM: 5 MB
Fast repetitions: 190 BPM 2 velocity layers: 0–88 mp; 89–127 f Release samples			

22 Trumpets

Piccolo trumpet, Trumpet in C muted, Trumpet ensemble (3) muted:
 Portato, fortepiano
 Trills half and whole tone
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

22 Trumpets/00 Piccolo trumpet advanced

01B PTr portato Portato, without vibrato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations	Range: C4–F6	Samples: 89	RAM: 5 MB
02B PTr fp Fortepiano, without vibrato 1 velocity layer	Range: C4–F6	Samples: 15	RAM: 1 MB
03B PTr trill_1 Trills, minor 2nd 2 velocity layers: 0–88 mp; 89–127 f Release samples	Range: C4–D6	Samples: 49	RAM: 3 MB
04B PTr trill_2 Trills, major 2nd 2 velocity layers: 0–88 mp; 89–127 f Release samples	Range: C4–D6	Samples: 49	RAM: 3 MB
05B PTr perf-rep legato Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f	Range: C4–F6	Samples: 150	RAM: 9 MB
06B PTr perf-rep staccato Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f	Range: C4–E6	Samples: 216	RAM: 13 MB
07B PTr fast-rep BPM-150 Fast repetitions: 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: D4–D#6	Samples: 46	RAM: 2 MB
08B PTr fast-rep BPM-170 Fast repetitions: 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: D4–D#6	Samples: 48	RAM: 3 MB
09B PTr fast-rep BPM-190 Fast repetitions: 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: D4–D#6	Samples: 48	RAM: 3 MB

22 Trumpets/20 Trumpet C mute advanced

01B TrC-mu portato Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations	Range: E3–C#6	Samples: 90	RAM: 5 MB
02B TrC-mu fp Fortepiano 1 velocity layer	Range: E3–C#6	Samples: 16	RAM: 1 MB
03B TrC-mu trill_1 Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: E3–B5	Samples: 60	RAM: 3 MB
04B TrC-mu trill_2 Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: E3–B5	Samples: 60	RAM: 3 MB
05B TrC-mu perf-rep legato Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f	Range: F#3–C#6	Samples: 140	RAM: 8 MB
06B TrC-mu perf-rep staccato Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f	Range: F#3–C#6	Samples: 252	RAM: 15 MB
07B TrC-mu fast-rep BPM-150 Fast repetitions: 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: E3–C#6	Samples: 64	RAM: 4 MB
08B TrC-mu fast-rep BPM-170 Fast repetitions: 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: E3–C#6	Samples: 64	RAM: 4 MB
09B TrC-mu fast-rep BPM-190 Fast repetitions: 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: E3–C#6	Samples: 64	RAM: 4 MB

22 Trumpets/40 Trumpets mute a3 advanced**Range: F#2–C#5**

01B Tr-a3mu portato Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations	Range: F#3–C#6	Samples: 90	RAM: 5 MB
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02B Tr-a3mu fp Fortepiano 1 velocity layer	Range: F#3–C#6	Samples: 14	RAM: 1 MB
05B Tr-a3mu perf-rep legato Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f	Range: F#3–C#6	Samples: 140	RAM: 8 MB
06B Tr-a3mu perf-rep staccato Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f	Range: F#3–C#6	Samples: 252	RAM: 15 MB
07B Tr-a3mu fast-rep BPM-150 Fast repetitions: 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: F#3–C#6	Samples: 56	RAM: 3 MB
08B Tr-a3mu fast-rep BPM-170 Fast repetitions: 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: F#3–C#6	Samples: 56	RAM: 3 MB
09B Tr-a3mu fast-rep BPM-190 Fast repetitions: 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: F#3–C#6	Samples: 56	RAM: 3 MB

23 Trombones

Tenor trombone muted, Contrabass trombone, Trombone ensemble (3) muted:
 Portato, fortepiano
 Repetition performances, legato and staccato
 Fast repetitions, 150, 170, 190 BPM

23 Trombones/10 Tenor trombone mute advanced	Range: C2–D5		
01B TTB-mu portato Portato 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 mf 2 Alternations		Samples: 102	RAM: 6 MB
02B TTB-mu fp Fortepiano 1 velocity layer		Samples: 17	RAM: 1 MB
05B TTB-mu perf-rep legato Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f		Samples: 170	RAM: 10 MB

06B TTB-mu perf-rep staccato		Samples: 306	RAM: 19 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
07B TTB-mu fast-rep BPM-150		Samples: 68	RAM: 4 MB
Fast repetitions: 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
08B TTB-mu fast-rep BPM-170		Samples: 68	RAM: 4 MB
Fast repetitions: 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
09B TTB-mu fast-rep BPM-190		Samples: 68	RAM: 4 MB
Fast repetitions: 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples			
23 Trombones/30 Contrabass trombone advanced			
01B CTB portato	Range: A0–C#4	Samples: 126	RAM: 7 MB
Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B CTB fp	Range: A0–C#4	Samples: 20	RAM: 1 MB
Fortepiano 1 velocity layer			
05B CTB perf-rep portato	Range: A0–D4	Samples: 341	RAM: 21 MB
Repetition performances: Portato 2 velocity layers: 0–88 p; 89–127 f			
06B CTB perf-rep staccato	Range: A1–D4	Samples: 234	RAM: 14 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
23 Trombones/50 Trombones mute a3 advanced			Range: C2–A4
01B TB-a3mu portato		Samples: 90	RAM: 5 MB
Portato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02B TB-a3mu fp		Samples: 15	RAM: 1 MB
Fortepiano 1 velocity layer			

05B TB-a3mu perf-rep legato Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f	Samples: 150	RAM: 9 MB
06B TB-a3mu perf-rep staccato Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f	Samples: 270	RAM: 16 MB
07B TB-a3mu fast-rep BPM-150 Fast repetitions: 150 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Samples: 60	RAM: 3 MB
08B TB-a3mu fast-rep BPM-170 Fast repetitions: 170 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Samples: 60	RAM: 3 MB
09B TB-a3mu fast-rep BPM-190 Fast repetitions: 190 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Samples: 60	RAM: 3 MB

24 Tubas

Contrabass tuba, Wagner tuba:
Portato, fortepiano
Trills half and whole tone
Repetition performances, legato and staccato

24 Tubas/10 Contrabass tuba advanced

01B CTU portato Portato 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff 2 Alternations	Range: A0–C4	Samples: 104	RAM: 6 MB
02B CTU fp Fortepiano 1 velocity layer	Range: A0–C4	Samples: 19	RAM: 1 MB
03B CTU trill_1 Trills, minor 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: C1–C4	Samples: 64	RAM: 4 MB
04B CTU trill_2 Trills, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples	Range: C1–C4	Samples: 64	RAM: 4 MB

05B CTU perf-rep portato	Range: A0–C4	Samples: 335	RAM: 20 MB
Repetition performances: Portato 2 velocity layers: 0–88 p; 89–127 f			
06B CTU perf-rep staccato	Range: A#0–C4	Samples: 306	RAM: 19 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			
24 Tubas/20 Wagner tuba advanced			
01B WTU portato	Range: A#1–G5	Samples: 176	RAM: 11 MB
Portato 4 velocity layers: 0–55 pp; 56–88 mf; 89–108 f; 109–127 ff 2 Alternations			
02B WTU fp	Range: A#1–G5	Samples: 22	RAM: 1 MB
Fortepiano 1 velocity layer 2 Alternations			
05B WTU perf-rep legato	Range: A#1–F5	Samples: 220	RAM: 13 MB
Repetition performances: Legato 2 velocity layers: 0–88 p; 89–127 f			
06B WTU perf-rep staccato	Range: A#1–F5	Samples: 396	RAM: 24 MB
Repetition performances: Staccato 2 velocity layers: 0–88 p; 89–127 f			

99 Release

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

02 Chamber Strings

11S Chamber violins +

Samples: 4086 RAM: 255 MB

Staccato, detache normal and short, sustained normal, with staccato attack and with tremolo crossfading, legato and portamento, sforzato and fortepiano, tremolo normal and with staccato attack, normal and snap pizzicato, half and whole tone trills, performance repetitions legato and spiccato, fast repetitions 150/170/190 BPM, harmonics staccato and sustained

Matrix switches: Horizontal: Keyswitches, C1–A1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trills half tone	perf.rep. legato	fast reps. 150 BPM
V2	sus., staccato attack	détaché short	sustained, tremolo XF	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato	fast reps. 170 BPM
V3	harmonics, staccato	détaché short	harmonics, sustained	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato	fast reps. 190 BPM

12S Chamber violas +

Samples: 3641 RAM: 227 MB

Staccato, detache normal and short, sustained normal, with staccato attack and with tremolo crossfading, legato and portamento, sforzato and fortepiano, tremolo normal and with staccato attack, normal and snap pizzicato, half and whole tone trills, performance repetitions legato and spiccato, fast repetitions 150/170/190 BPM, harmonics staccato and sustained

Matrix switches: Horizontal: Keyswitches, C1–A1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trills half tone	perf.rep. legato	fast reps. 150 BPM
V2	sus., staccato attack	détaché short	sustained, tremolo XF	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato	fast reps. 170 BPM
V3	harmonics, staccato	détaché short	harmonics, sustained	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato	fast reps. 190 BPM

13S Chamber cellos +

Samples: 4114 RAM: 257 MB

Staccato, detache normal and short, sustained normal, with staccato attack and with tremolo crossfading, legato and portamento, sforzato and fortepiano, tremolo normal and with staccato attack, normal and snap pizzicato, half and whole tone trills, performance repetitions legato and spiccato, fast repetitions 150/170/190 BPM, harmonics staccato and sustained

Matrix switches: Horizontal: Keyswitches, C1–A1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trills half tone	perf.rep. legato	fast reps. 150 BPM
V2	sus., staccato attack	détaché short	sustained, tremolo XF	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato	fast reps. 170 BPM
V3	harmonics, staccato	détaché short	harmonics, sustained	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato	fast reps. 190 BPM

14S Chamber basses +**Samples: 3572 RAM: 223 MB**

Staccato, detache normal and short, sustained normal, with staccato attack and with tremolo crossfading, legato and portamento, sforzato and fortepiano, tremolo normal and with staccato attack, normal and snap pizzicato, half and whole tone trills, performance repetitions legato and spiccato, harmonics staccato and sustained

Matrix switches: Horizontal: Keyswitches, C6–G#6 Vertical: Modwheel, 3 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato	trills half tone	perf.rep. legato
V2	sus., staccato attack	détaché short	sustained, tremolo XF	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato
V3	harmonics, staccato	détaché short	harmonics, sustained	portamento	fortepiano	trem., staccato attack	snap pizzicato	trills whole tone	perf.rep. spiccato

04 Appassionata Strings**31S App-Strings violins +****Samples: 282 RAM: 17 MB**

Normal and muted notes

Staccato, sustained, and sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D1 Vertical: Modwheel, 2 zones

	C1	C#1	D1
normal	staccato	sustained	sustained, staccato attack
muted	staccato	sustained	sustained, staccato attack

32S App-Strings violas +**Samples: 264 RAM: 16 MB**

Normal and muted notes

Staccato, sustained, and sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D1 Vertical: Modwheel, 2 zones

	C1	C#1	D1
normal	staccato	sustained	sustained, staccato attack
muted	staccato	sustained	sustained, staccato attack

33S App-Strings cellos +**Samples: 288 RAM: 18 MB**

Normal and muted notes

Staccato, sustained, and sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D1 Vertical: Modwheel, 2 zones

	C1	C#1	D1
normal	staccato	sustained	sustained, staccato attack
muted	staccato	sustained	sustained, staccato attack

34S App-Strings basses +**Samples: 228 RAM: 14 MB**

Normal and muted notes

Staccato, sustained, and sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–D6 Vertical: Modwheel, 2 zones

	C6	C#6	D6
normal	staccato	sustained	sustained, staccato attack
muted	staccato	sustained	sustained, staccato attack

11 Flutes**03S Flute 2 +****Samples: 2032 RAM: 127 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

04S Alto flute +**Samples: 2057 RAM: 128 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone

05S Flute ensemble +**Samples: 1445 RAM: 90 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone

12 Oboes**12S Oboe vienna +****Samples: 1448 RAM: 90 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone

13S Oboe d'amore +**Samples: 1510 RAM: 94 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Matrix switches: Horizontal: Keyswitches, C1–E1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1
V1	staccato	sustained	sforzato	legato	perf.rep. legato
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. Staccato

15S Oboe ensemble +**Samples: 1116 RAM: 69 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone

13 Clarinets**21S Clarinet Eb +****Samples: 2546 RAM: 159 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

24S Basset horn +**Samples: 2182 RAM: 136 MB**

Staccato, portato, sustained normal and with staccato attack
 Sforzato and fortepiano
 Legato normal and with sustain crossfading
 Repetition performances legato and staccato
 Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	<empty>	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	<empty>	fast rep. 190 BPM

25S Clarinet ensemble +**Samples: 1547 RAM: 96 MB**

Staccato, portato, sustained normal and with staccato attack
 Sforzato and fortepiano
 Legato normal and with sustain crossfading
 Repetition performances legato and staccato
 Trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone

14 Bassoons**33 Bassoon ensemble +****Samples: 1548 RAM: 96 MB**

Staccato, portato, sustained normal and with staccato attack
 Sforzato and fortepiano
 Legato normal and with sustain crossfading
 Repetition performances legato and staccato
 Trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C1–F1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone

15 Saxophones**41 Alto saxophone +****Samples: 2776 RAM: 173 MB**

Staccato, portato, sustained normal and with staccato attack
 Sforzato and fortepiano
 Legato normal and with sustain crossfading
 Repetition performances legato and staccato
 Trills half and whole tone
 Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

42 Tenor saxophone +**Samples: 2333 RAM: 145 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

43 Bariton saxophone +**Samples: 2095 RAM: 130 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

21 Horns**01S Horn vienna +****Samples: 2379 RAM: 148 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

04S Horn ensemble - a8 +**Samples: 2078 RAM: 129 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

22 Trumpets**11S Piccolo trumpet +****Samples: 1382 RAM: 86 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

13S Trumpet C mute +**Samples: 1562 RAM: 97 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato

Repetition performances legato and staccato

Trills half and whole tone

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato	perf.rep. staccato	trills whole tone	fast rep. 190 BPM

15S Trumpet ensemble mute +**Samples: 1380 RAM: 86 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato

Repetition performances legato and staccato

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	<empty>	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato	perf.rep. staccato	<empty>	fast rep. 190 BPM

23 Trombones**22S Tenor trombone mute +****Samples: 1595 RAM: 99 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato

Repetition performances legato and staccato

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	<empty>	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato	perf.rep. staccato	<empty>	fast rep. 190 BPM

24S Contrabass trombone +**Samples: 1815 RAM: 113 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances portato and staccato

Matrix switches: Horizontal: Keyswitches, C6–E6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6
V1	staccato	sustained	sforzato	legato	perf.rep. portato
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato

26S Trombone ensemble mute +**Samples: 1396 RAM: 87 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato

Repetition performances legato and staccato

Fast repetitions 150/190 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	sustained	sforzato	legato	perf.rep. legato	<empty>	fast rep. 150 BPM
V2	portato	sus./stacc. attack	fortepiano	legato	perf.rep. staccato	<empty>	fast rep. 190 BPM

24 Tubas**32S Contrabass tuba +****Samples: 1901 RAM: 118 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato normal and with sustain crossfading

Repetition performances legato and staccato

Trills half and whole tone

Matrix switches: Horizontal: Keyswitches, C6–F6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6
V1	staccato	sustained	sforzato	legato	perf.rep. legato	trills half tone
V2	portato	sus./stacc. attack	fortepiano	legato/sus. XF	perf.rep. staccato	trills whole tone

33S Wagner tuba +**Samples: 1815 RAM: 113 MB**

Staccato, portato, sustained normal and with staccato attack

Sforzato and fortepiano

Legato

Repetition performances portato and staccato

Matrix switches: Horizontal: Keyswitches, C1–E1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1
V1	staccato	sustained	sforzato	legato	perf.rep. portato
V2	portato	sus./stacc. attack	fortepiano	legato	perf.rep. staccato

Special Edition V3

Patches

07 App Strings V3

Violin (20)
Viola (14)
Cello (12)
Double bass (10)

Articulations:

Staccato, détaché, sustained, sforzato
Legato, portamento (except basses)
Tremolo, pizzicato

01S VI-20 staccato	Range: G3–D#7	Samples: 132	RAM: 8 MB
Violin ensemble, 20 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02S VI-20 detache	Range: G3–D#7	Samples: 88	RAM: 5 MB
Violin ensemble, 20 players Single notes: Détaché 2 velocity layers: 0–88 mp; 89–127 f 2 Alternations			
03S VI-20 sustain	Range: G3–A7	Samples: 198	RAM: 12 MB
Violin ensemble, 20 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mp; 109–127 f Release samples 2 Alternations			
04S VI-20 sforzato	Range: G3–A7	Samples: 25	RAM: 1 MB
Violin ensemble, 20 players Single notes: Sforzato 1 velocity layer			
05S VI-20 legato	Range: G3–D7	Samples: 982	RAM: 61 MB
Violin ensemble, 20 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 mp; 89–127 mf Release samples			

06S VI-20 portamento	Range: G3–D7	Samples: 576	RAM: 36 MB
Violin ensemble, 20 players Interval performances: Portamento, forte Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
07S VI-20 tremolo	Range: G3–G7	Samples: 96	RAM: 6 MB
Violin ensemble, 20 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
08S VI-20 pizz	Range: G3–D#7	Samples: 132	RAM: 8 MB
Violin ensemble, 20 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
11S VA-14 staccato	Range: C3–A6	Samples: 132	RAM: 8 MB
Viola ensemble, 14 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
12S VA-14 detache	Range: C3–D6	Samples: 76	RAM: 4 MB
Viola ensemble, 14 players Single notes: Détaché 2 velocity layers: 0–88 mp; 89–127 f 2 Alternations			
13S VA-14 sustain	Range: C3–G6	Samples: 255	RAM: 15 MB
Viola ensemble, 14 players Single notes: Sustained 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples 2 Alternations			
14S VA-14 sforzato	Range: C3–A6	Samples: 22	RAM: 1 MB
Viola ensemble, 14 players Single notes: Sforzato 1 velocity layer			
15S VA-14 legato	Range: C3–D6	Samples: 913	RAM: 57 MB
Viola ensemble, 14 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

16S VA-14 portamento	Range: C3–D6	Samples: 359	RAM: 22 MB
Viola ensemble, 14 players Interval performances: Portamento, forte Monophonic 2 velocity layers: 0–88 mf; 89–127 f Release samples			
17S VA-14 tremolo	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 14 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
18S VA-14 pizz	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, 14 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
21S VC-12 staccato	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 12 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
22S VC-12 detache	Range: C2–A#5	Samples: 92	RAM: 5 MB
Cello ensemble, 12 players Single notes: Détaché 2 velocity layers: 0–88 mp; 89–127 f 2 Alternations			
23S VC-12 sustain	Range: C2–A#5	Samples: 288	RAM: 18 MB
Cello ensemble, 12 players Single notes: Sustained 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples 2 Alternations			
24S VC-12 sforzato	Range: C2–A#5	Samples: 23	RAM: 1 MB
Cello ensemble, 12 players Single notes: Sforzato 1 velocity layer			
25S VC-12 legato	Range: C2–E5	Samples: 976	RAM: 61 MB
Cello ensemble, 12 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

26S VC-12 portamento	Range: C2–E5	Samples: 386	RAM: 24 MB
Cello ensemble, 12 players Interval performances: Portamento, forte Monophonic 2 velocity layers: 0–88 mf; 89–127 f Release samples			
27S VC-12 tremolo	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 12 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
28S VC-12 pizz	Range: C2–A#5	Samples: 138	RAM: 8 MB
Cello ensemble, 12 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
31S DB-10 staccato	Range: B0–C4	Samples: 114	RAM: 7 MB
Bass ensemble, 10 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
33S DB-10 sustain	Range: B0–C4	Samples: 171	RAM: 10 MB
Bass ensemble, 10 players Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples 2 Alternations			
34S DB-10 sforzato	Range: B0–C4	Samples: 19	RAM: 1 MB
Bass ensemble, 10 players Single notes: Sforzato 1 velocity layer Release samples			
37S DB-10 tremolo	Range: B0–C4	Samples: 76	RAM: 4 MB
Bass ensemble, 10 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
38S DB-10 pizz	Range: B0–C4	Samples: 114	RAM: 7 MB
Bass ensemble, 10 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			

41S App-Strings staccato	Range: B0–D#7	Samples: 288	RAM: 18 MB
Appassionata Strings Single notes: Staccato Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–F5; Violins C4–D#7 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
43S App-Strings sustain	Range: B0–A7	Samples: 545	RAM: 34 MB
Appassionata Strings Single notes: Sustained Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–B4; Violins C4–A7 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples 2 Alternations			
44S App-Strings sfz	Range: B0–A7	Samples: 51	RAM: 3 MB
Appassionata Strings Single notes: Sforzato Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–B4; Violins C4–A7 1 velocity layer			
45S App-Strings tremolo	Range: B0–G7	Samples: 200	RAM: 12 MB
Appassionata Strings Single notes: Tremolo, sustained Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–F5; Violins C4–G7 2 velocity layers: 0–88 p; 89–127 f Release samples			
46S App-Strings pizz	Range: B0–D#7	Samples: 288	RAM: 18 MB
Appassionata Strings Single notes: Pizzicato Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–F5; Violins C4–D#7 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			

08 App Strings - mute V3

Violin (20)
Viola (14)
Cello (12)
Double bass (10)

Articulations:

Staccato, détaché, sustained, sforzato
Legato, portamento (except basses)
Tremolo, pizzicato

01S VI-20-mu staccato	Range: G3–D#7	Samples: 132	RAM: 8 MB
Violin ensemble, muted, 20 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

02S VI-20-mu detache	Range: G3–D#7	Samples: 132	RAM: 8 MB
Violin ensemble, muted, 20 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
03S VI-20-mu sustain	Range: G3–A7	Samples: 150	RAM: 9 MB
Violin ensemble, muted, 20 players Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
04S VI-20-mu sforzato	Range: G3–A7	Samples: 25	RAM: 1 MB
Violin ensemble, muted, 20 players Single notes: Sforzato 1 velocity layer			
05S VI-20-mu legato	Range: G3–D7	Samples: 1026	RAM: 64 MB
Violin ensemble, muted, 20 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
06S VI-20-mu portamento	Range: G3–D7	Samples: 590	RAM: 36 MB
Violin ensemble, muted, 20 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
07S VI-20-mu tremolo	Range: G3–G7	Samples: 96	RAM: 6 MB
Violin ensemble, muted, 20 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
08S VI-20-mu pizz	Range: G3–G7	Samples: 144	RAM: 9 MB
Violin ensemble, muted, 20 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
11S VA-14-mu staccato	Range: C3–G6	Samples: 132	RAM: 8 MB
Viola ensemble, muted, 14 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

12S VA-14-mu detache	Range: C3–G6	Samples: 132	RAM: 8 MB
Viola ensemble, muted, 14 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
13S VA-14-mu sustain	Range: C3–G6	Samples: 132	RAM: 8 MB
Viola ensemble, muted, 14 players Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
14S VA-14-mu sforzato	Range: C3–G6	Samples: 22	RAM: 1 MB
Viola ensemble, muted, 14 players Single notes: Sforzato 1 velocity layer			
15S VA-14-mu legato	Range: C3–D6	Samples: 868	RAM: 54 MB
Viola ensemble, muted, 14 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
16S VA-14-mu portamento	Range: C3–D6	Samples: 504	RAM: 31 MB
Viola ensemble, muted, 14 players Interval performances: Portamento, forte Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
17S VA-14-mu tremolo	Range: C3–D6	Samples: 76	RAM: 4 MB
Viola ensemble, muted, 14 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
18S VA-14-mu pizz	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, muted, 14 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
21S VC-12-mu staccato	Range: C2–A#5	Samples: 144	RAM: 9 MB
Cello ensemble, muted, 12 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

22S VC-12-mu detache	Range: C2-A#5	Samples: 138	RAM: 8 MB
Cello ensemble, muted, 12 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
23S VC-12-mu sustain	Range: C2-A#5	Samples: 144	RAM: 9 MB
Cello ensemble, muted, 12 players Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
24S VC-12-mu sforzato	Range: C2-A#5	Samples: 23	RAM: 1 MB
Cello ensemble, muted, 12 players Single notes: Sforzato 1 velocity layer			
25S VC-12-mu legato	Range: C2-E5	Samples: 928	RAM: 58 MB
Cello ensemble, muted, 12 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
26S VC-12-mu portamento	Range: C2-E5	Samples: 540	RAM: 33 MB
Cello ensemble, muted, 12 players Interval performances: Portamento, forte Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
27S VC-12-mu tremolo	Range: C2-A#5	Samples: 92	RAM: 5 MB
Cello ensemble, muted, 12 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
28S VC-12-mu pizz	Range: C2-A#5	Samples: 138	RAM: 8 MB
Cello ensemble, muted, 12 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
31S DB-10-mu staccato	Range: B0-C4	Samples: 114	RAM: 7 MB
Bass ensemble, muted, 10 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

33S DB-10-mu sustain	Range: B0–C4	Samples: 114	RAM: 7 MB
Bass ensemble, muted, 10 players Single notes: Sustained 2 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples 2 Alternations			
34S DB-10-mu sforzato	Range: B0–C4	Samples: 19	RAM: 1 MB
Bass ensemble, muted, 10 players Single notes: Sforzato 1 velocity layer Release samples			
37S DB-10-mu tremolo	Range: B0–C4	Samples: 76	RAM: 4 MB
Bass ensemble, muted, 10 players Single notes: Tremolo, sustained 2 velocity layers: 0–88 p; 89–127 f Release samples			
38S DB-10-mu pizz	Range: B0–C4	Samples: 114	RAM: 7 MB
Bass ensemble, muted, 10 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
41S App-Strings-mu staccato	Range: B0–D#7	Samples: 294	RAM: 18 MB
Appassionata Strings, muted Single notes: Staccato Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–F5; Violins C4–D#7 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
43S App-Strings-mu sustain	Range: B0–A7	Samples: 312	RAM: 19 MB
Appassionata Strings, muted Single notes: Sustained Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–B4; Violins C4–A7 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
44S App-Strings-mu sfz	Range: B0–A7	Samples: 51	RAM: 3 MB
Appassionata Strings, muted Single notes: Sforzato Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–B4; Violins C4–A7 1 velocity layer Release samples			

45S App-Strings-mu tremolo	Range: B0–G7	Samples: 200	RAM: 12 MB
Appassionata Strings, muted Single notes: Tremolo, sustained Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–F5; Violins C4–G7 2 velocity layers: 0–88 p; 89–127 f Release samples			
46S App-Strings-mu pizz	Range: B0–G7	Samples: 300	RAM: 18 MB
Appassionata Strings, muted Single notes: Pizzicato Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–F5; Violins C4–G7 2 velocity layers: 0–88 p; 89–127 f 3 Alternations			
01 Solo Strings - mute			
Violin Viola Cello Double bass			
Articulations: Staccato, détaché, sustained, sforzato Legato, portamento Tremolo, pizzicato			
01S VI-mu staccato	Range: G3–A#7	Samples: 156	RAM: 9 MB
Violin solo, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02S VI-mu detache	Range: G3–A7	Samples: 156	RAM: 9 MB
Violin solo, muted Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
03S VI-mu sustain	Range: G3–A7	Samples: 208	RAM: 13 MB
Violin solo, muted Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
04S VI-mu sforzato	Range: G3–A7	Samples: 26	RAM: 1 MB
Violin solo, muted Single notes: Sforzato 1 velocity layer			

05S VI-mu legato	Range: G3–D7	Samples: 1036	RAM: 64 MB
Violin solo, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
06S VI-mu portamento	Range: G3–C7	Samples: 1032	RAM: 64 MB
Violin solo, muted Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
07S VI-mu tremolo	Range: G3–A7	Samples: 150	RAM: 9 MB
Violin solo, muted Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
08S VI-mu pizz	Range: G3–A#7	Samples: 204	RAM: 12 MB
Violin solo, muted Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
11S VA-mu staccato	Range: C3–G#6	Samples: 138	RAM: 8 MB
Viola solo, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
12S VA-mu detache	Range: C3–G#6	Samples: 138	RAM: 8 MB
Viola solo, muted Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
13S VA-mu sustain	Range: C3–G#6	Samples: 184	RAM: 11 MB
Viola solo, muted Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 mf Release samples 2 Alternations			
14S VA-mu sforzato	Range: C3–G#6	Samples: 23	RAM: 1 MB
Viola solo, muted Single notes: Sforzato 1 velocity layer			

15S VA-mu legato	Range: C3–D6	Samples: 920	RAM: 57 MB
Viola solo, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
16S VA-mu portamento	Range: C3–D6	Samples: 920	RAM: 57 MB
Viola solo, muted Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
17S VA-mu tremolo	Range: C3–G#6	Samples: 132	RAM: 8 MB
Viola solo, muted Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
18S VA-mu pizz	Range: C3–G#6	Samples: 176	RAM: 11 MB
Viola solo, muted Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
21S VC-mu staccato	Range: C2–E6	Samples: 162	RAM: 10 MB
Cello solo, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
22S VC-mu detache	Range: C2–E6	Samples: 162	RAM: 10 MB
Cello solo, muted Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
23S VC-mu sustain	Range: C2–E6	Samples: 126	RAM: 13 MB
Cello solo, muted Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 mf Release samples 2 Alternations			
24S VC-mu sforzato	Range: C2–E6	Samples: 26	RAM: 1 MB
Cello solo, muted Single notes: Sforzato 1 velocity layer			

25S VC-mu legato	Range: C2–G5	Samples: 1088	RAM: 68 MB
Cello solo, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
26S VC-mu portamento	Range: C2–G#5	Samples: 1089	RAM: 68 MB
Cello solo, muted Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
27S VC-mu tremolo	Range: C2–E6	Samples: 156	RAM: 9 MB
Cello solo, muted Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
28S VC-mu pizz	Range: C2–E6	Samples: 162	RAM: 10 MB
Cello solo, muted Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
31S DB-mu staccato	Range: B0–F4	Samples: 114	RAM: 7 MB
Bass solo, muted Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
32S DB-mu detache	Range: B0–F4	Samples: 114	RAM: 7 MB
Bass solo, muted Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
33S DB-mu sustain	Range: B0–F4	Samples: 152	RAM: 9 MB
Bass solo, muted Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 mf Release samples 2 Alternations			
34S DB-mu sforzato	Range: B0–F4	Samples: 18	RAM: 1 MB
Bass solo, muted Single notes: Sforzato 1 velocity layer			

35S DB-mu legato	Range: B0–A#3	Samples: 727	RAM: 45 MB
Bass solo, muted Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
36S DB-mu portamento	Range: B0–A#3	Samples: 727	RAM: 45 MB
Bass solo, muted Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
37S DB-mu tremolo	Range: B0–F4	Samples: 222	RAM: 13 MB
Bass solo, muted Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
38S DB-mu pizz	Range: B0–F4	Samples: 222	RAM: 13 MB
Bass solo, muted Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

02 Chamber Strings - mute

Violin (6)
Viola (4)
Cello (3)
Double bass (2)

Articulations:

Staccato, détaché, sustained, sforzato
Legato, portamento
Tremolo, pizzicato

01S VI-6-mu staccato	Range: G3–C7	Samples: 126	RAM: 7 MB
Violin ensemble, muted, 6 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
02S VI-6-mu detache	Range: G3–C7	Samples: 126	RAM: 7 MB
Violin ensemble, muted, 6 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

03S VI-6-mu sustain	Range: G3–C7	Samples: 154	RAM: 9 MB
Violin ensemble, muted, 6 players Single notes: Sustained 2 velocity layers: 0–108 p; 109–127 f Release samples 2 Alternations			
04S VI-6-mu sforzato	Range: G3–C7	Samples: 22	RAM: 1 MB
Violin ensemble, muted, 6 players Single notes: Sforzato 1 velocity layer Release samples			
05S VI-6-mu legato	Range: G3–C7	Samples: 994	RAM: 62 MB
Violin ensemble, muted, 6 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
06S VI-6-mu portamento	Range: G3–C7	Samples: 368	RAM: 23 MB
Violin ensemble, muted, 6 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
07S VI-6-mu tremolo	Range: G3–C7	Samples: 126	RAM: 7 MB
Violin ensemble, muted, 6 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
08S VI-6-mu pizz	Range: G3–C7	Samples: 88	RAM: 5 MB
Violin ensemble, muted, 6 players Single notes: Pizzicato 2 velocity layers: 0–88 mf; 89–127 f 2 Alternations			
11S VA-4-mu staccato	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, muted, 4 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
12S VA-4-mu detache	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, muted, 4 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

13S VA-4-mu sustain	Range: C3–D6	Samples: 140	RAM: 8 MB
Viola ensemble, muted, 4 players Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
14S VA-4-mu sforzato	Range: C3–D6	Samples: 19	RAM: 1 MB
Viola ensemble, muted, 4 players Single notes: Sforzato 1 velocity layer Release samples			
15S VA-4-mu legato	Range: C3–D6	Samples: 884	RAM: 55 MB
Viola ensemble, muted, 4 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
16S VA-4-mu portamento	Range: C3–D6	Samples: 330	RAM: 20 MB
Viola ensemble, muted, 4 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
17S VA-4-mu tremolo	Range: C3–D6	Samples: 114	RAM: 7 MB
Viola ensemble, muted, 4 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
18S VA-4-mu pizz	Range: C3–D6	Samples: 76	RAM: 4 MB
Viola ensemble, muted, 4 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
21S VC-3-mu staccato	Range: C2–A5	Samples: 138	RAM: 8 MB
Cello ensemble, muted, 3 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
22S VC-3-mu detache	Range: C2–A5	Samples: 138	RAM: 8 MB
Cello ensemble, muted, 3 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

23S VC-3-mu sustain	Range: C2–A5	Samples: 168	RAM: 10 MB
Cello ensemble, muted, 3 players Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
24S VC-3-mu sforzato	Range: C2–A5	Samples: 24	RAM: 1 MB
Cello ensemble, muted, 3 players Single notes: Sforzato 1 velocity layer Release samples			
25S VC-3-mu legato	Range: C2–E5	Samples: 952	RAM: 59 MB
Cello ensemble, muted, 3 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
26S VC-3-mu portamento	Range: C2–E5	Samples: 362	RAM: 22 MB
Cello ensemble, muted, 3 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
27S VC-3-mu tremolo	Range: C2–A5	Samples: 138	RAM: 8 MB
Cello ensemble, muted, 3 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
28S VC-3-mu pizz	Range: C2–A5	Samples: 96	RAM: 6 MB
Cello ensemble, muted, 3 players Single notes: Pizzicato 2 velocity layers: 0–88 p; 89–127 f 2 Alternations			
31S DB-2-mu staccato	Range: B0–F4	Samples: 132	RAM: 8 MB
Bass ensemble, muted, 2 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
32S DB-2-mu detache	Range: B0–F4	Samples: 132	RAM: 8 MB
Bass ensemble, muted, 2 players Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

33S DB-2-mu sustain	Range: B0-F4	Samples: 154	RAM: 9 MB
Bass ensemble, muted, 2 players Single notes: Sustained 2 velocity layers: 0–88 p; 89–127 f Release samples 2 Alternations			
34S DB-2-mu sforzato	Range: B0-F4	Samples: 22	RAM: 1 MB
Bass ensemble, muted, 2 players Single notes: Sforzato 1 velocity layer Release samples			
35S DB-2-mu legato	Range: B0-A#3	Samples: 838	RAM: 52 MB
Bass ensemble, muted, 2 players Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
36S DB-2-mu portamento	Range: B0-A#3	Samples: 320	RAM: 20 MB
Bass ensemble, muted, 2 players Interval performances: Portamento Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
37S DB-2-mu tremolo	Range: B0-F4	Samples: 132	RAM: 8 MB
Bass ensemble, muted, 2 players Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
38S DB-2-mu pizz	Range: B0-F4	Samples: 132	RAM: 8 MB
Bass ensemble, muted, 2 players Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
41S Chamber-mu staccato	Range: B0-C7	Samples: 282	RAM: 17 MB
Chamber string ensemble, muted Single notes: Staccato Mapping: Basses B0–F2; Cellos C2–F3; Violas C3–F5; Violins C4–C7 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
42S Chamber-mu detache	Range: B0-C7	Samples: 282	RAM: 17 MB
Chamber string ensemble, muted Single notes: Détaché 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

43S Chamber-mu sustain	Range: B0–C7	Samples: 343	RAM: 21 MB
Chamber string ensemble, muted Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples 4 Alternations			
44S Chamber-mu sfz	Range: B0–C7	Samples: 48	RAM: 3 MB
Chamber string ensemble, muted Single notes: Sforzato 1 velocity layer Release samples			
45S Chamber-mu tremolo	Range: B0–C7	Samples: 282	RAM: 17 MB
Chamber string ensemble, muted Single notes: Tremolo, sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples 2 Alternations			
46S Chamber-mu pizz	Range: B0–C7	Samples: 212	RAM: 13 MB
Chamber string ensemble, muted Single notes: Pizzicato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			

06 Harp II

Harp 2

Articulations:

Normal and harmonics

01 HA2 normal	Range: B0–A7	Samples: 123	RAM: 7 MB
Harp 2 Single notes: Normal 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
02 HA2 harmonics	Range: G3–C7	Samples: 40	RAM: 2 MB
Harp 2 Single notes: Harmonics 2 velocity layers: 0–88 p; 89–127 f			

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

VI Matrices

01S Solo violin mute

Samples: 2580 RAM: 167 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

02S Solo viola mute

Samples: 2279 RAM: 142 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

03S Solo cello mute

Samples: 2661 RAM: 166 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

04S Solo bass mute

Samples: 1946 RAM: 121 MB

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

11S Chamber violins mute**Samples: 1696 RAM: 106 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

12S Chamber violas mute**Samples: 1511 RAM: 94 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

13S Chamber cellos mute**Samples: 1696 RAM: 106 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

14S Chamber basses mute**Samples: 1578 RAM: 98 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

19S Chamber Strings all mute**Samples: 1449 RAM: 90 MB**

Staccato, détaché, sustained, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, A0–D#1 Vertical: Modwheel, 2 zones

	A0	A#0	B0	C1	C#1	D1
V1	staccato	détaché	sustained	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	sforzato	trem./stacc. attack	pizzicato

42S Harp2**Samples: 163 RAM: 10 MB**

Single notes: Normal and harmonics

Matrix switches: Vertical: Modwheel, 2 zones

	H1
V1	normal
V2	harmonics

51S App violins**Samples: 1757 RAM: 109 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

52S App violas**Samples: 1429 RAM: 89 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

53S App cellos**Samples: 1569 RAM: 98 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

54S App basses**Samples: 494 RAM: 30 MB**

Staccato, détaché, sustained, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	détaché	sustained	sustained	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	sustained	sforzato	trem./stacc. attack	pizzicato

59S App Strings all**Samples: 827 RAM: 51 MB**

Staccato, détaché, sustained, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, A0–D#1 Vertical: Modwheel, 2 zones

	A0	A#0	B0	C1	C#1	D1
V1	staccato	détaché	sustained	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	sforzato	trem./stacc. attack	pizzicato

61S App violins mute**Samples: 1757 RAM: 109 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

62S App violas mute**Samples: 1732 RAM: 108 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

63S App cellos mute**Samples: 1875 RAM: 117 MB**

Staccato, détaché, sustained, legato, portamento, sforzato, tremolo, pizzicato
 Sustained and tremolo with staccato attack
 Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–F#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1
V1	staccato	détaché	sustained	legato	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	portamento	sforzato	trem./stacc. attack	pizzicato

64S App basses mute**Samples: 437 RAM: 27 MB**

Staccato, détaché, sustained, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–F#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6
V1	staccato	détaché	sustained	sustained	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	sustained	sforzato	trem./stacc. attack	pizzicato

69S App Strings all mute**Samples: 1157 RAM: 72 MB**

Staccato, détaché, sustained, sforzato, tremolo, pizzicato

Sustained and tremolo with staccato attack

Sustained and tremolo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, A0–D#1 Vertical: Modwheel, 2 zones

	A0	A#0	B0	C1	C#1	D1
V1	staccato	détaché	sustained	sforzato	tremolo	pizzicato
V2	sus./stacc. attack	détaché	sus./trem. (Cell XF)	sforzato	trem./stacc. attack	pizzicato

Presets

VI Presets

SE01 Preset Solo Strings mute **Samples: 9466** **RAM: 591 MB**

Matrices:

01S Solo violin mute

02S Solo viola mute

03S Solo cello mute

04S Solo bass mute

Preset keyswitches: E7–G7

SE02 Preset Chamber Strings mute **Samples: 6481** **RAM: 405 MB**

Matrices:

11S Chamber violins mute

12S Chamber violas mute

13S Chamber cellos mute

14S Chamber basses mute

19S Chamber Strings all mute

Preset keyswitches: E7–G#7

SE06 Preset Harp2 **Samples: 163** **RAM: 10 MB**

Matrix: 42S Harp 3

SE07 Preset App Strings V3 **Samples: 5423** **RAM: 338 MB**

Matrices:

51S App violins

52S App violas

53S App cellos

54S App basses

59S App Strings all

Preset keyswitches: E7–G#7

SE08 Preset App Strings mute V3 **Samples: 6302** **RAM: 393 MB**

Matrices:

61S App violins mute

62S App violas mute

63S App cellos mute

64S App basses mute

69S App Strings all mute

Preset keyswitches: E7–G#7

Special Edition V4

Patches

11 Flutes

Bass flute

Articulations:

Staccato, sustained, sforzato

Legato

51S BFL staccato	Range: A#2–C6	Samples: 222	RAM: 13 MB
Bass flute Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 4 Alternations			
52S BFL sustain	Range: A#2–C6	Samples: 171	RAM: 10 MB
Bass flute Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
53S BFL sforzato	Range: A#2–C6	Samples: 19	RAM: 1 MB
Bass flute Single notes: Sforzato 1 velocity layer			
54S BFL legato	Range: A#2–A#5	Samples: 1002	RAM: 62 MB
Bass flute Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

12 Oboes

English horn (Viennese)
Heckelphone

Articulations:

Staccato, sustained, sforzato
Legato, legato with sustain crossfades (English horn only)

51S EHvn staccato	Range: D#3–B5	Samples: 192	RAM: 12 MB
English horn (Viennese) Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
52S EHvn sustain	Range: D#3–B5	Samples: 224	RAM: 14 MB
English horn (Viennese) Single notes: Sustained 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f Release samples			
53S EHvn sforzato	Range: D#3–B5	Samples: 17	RAM: 1 MB
English horn (Viennese) Single notes: Sforzato 1 velocity layer			
54S EHvn legato	Range: D#3–A#5	Samples: 790	RAM: 49 MB
English horn (Viennese) Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
55S EHvn legato-sus	Range: D#3–A#5	Samples: 790	RAM: 49 MB
English horn (Viennese) Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
61S HPH staccato	Range: G#2–F5	Samples: 198	RAM: 12 MB
Heckelphone Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
62S HPH sustain	Range: G#2–F5	Samples: 153	RAM: 9 MB
Heckelphone Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			

63S HPH sfzato	Range: G#2–F5	Samples: 18	RAM: 1 MB
Heckelphone Single notes: Sforzato 1 velocity layer			
64S HPH legato	Range: G#2–F5	Samples: 851	RAM: 53 MB
Heckelphone Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
13 Clarinets			
Contrabass clarinet			
Articulations: Staccato, sustained, sfzato Legato			
51S CCL staccato	Range: A#0–F4	Samples: 264	RAM: 16 MB
Contrabass clarinet Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
52S CCL sustain	Range: A#0–F4	Samples: 204	RAM: 12 MB
Contrabass clarinet Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
53S CCL sfzato	Range: A#0–F4	Samples: 24	RAM: 1 MB
Contrabass clarinet Single notes: Sforzato 1 velocity layer			
54S CCL legato	Range: A#0–C4	Samples: 1080	RAM: 67 MB
Contrabass clarinet Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

14 Bassoons

Bassoon 2

Articulations:

Staccato, sustained, sforzato

Legato

31S BA2 staccato	Range: A#1–F5	Samples: 156	RAM: 9 MB
Bassoon 2			
Single notes: Staccato			
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
2 Alternations			
32S BA2 sustain	Range: A#1–F5	Samples: 156	RAM: 9 MB
Bassoon 2			
Single notes: Sustained			
3 velocity layers: 0–55 p; 56–108 mf; 109–127 f			
Release samples			
33S BA2 sforzato	Range: A#1–F5	Samples: 26	RAM: 1 MB
Bassoon 2			
Single notes: Sforzato			
1 velocity layer			
34S BA2 legato	Range: A#1–D5	Samples: 966	RAM: 60 MB
Bassoon 2			
Interval performances: Legato			
Monophonic			
2 velocity layers: 0–88 p; 89–127 f			
Release samples			

15 Saxophones

Soprano saxophone

Bass saxophone

Articulations:

Staccato, sustained, sforzato

Legato, legato with sustain crossfades

31S SXS staccato	Range: G3–E6	Samples: 136	RAM: 8 MB
Soprano saxophone			
Single notes: Staccato			
4 velocity layers: 0–55 pp; 56–88mf; 89–108 f; 109–127 ff			
2 Alternations			
32S SXS sustain	Range: G3–E6	Samples: 264	RAM: 16 MB
Soprano saxophone			
Single notes: Sustained			
4 velocity layers: 0–55 pp; 56–88 mf; 89–108 f; 109–127 ff			
Release samples			

33S SXS sforzato	Range: G3–E6	Samples: 17	RAM: 1 MB
Soprano saxophone Single notes: Sforzato 1 velocity layer			
34S SXS legato	Range: G3–C#6	Samples: 1215	RAM: 75 MB
Soprano saxophone Interval performances: Legato Monophonic 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f Release samples			
35S SXS legato-sus	Range: G3–D6	Samples: 1311	RAM: 81 MB
Soprano saxophone Interval performances: Legato, notes crossfading into sustains Monophonic 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f Release samples			
41S SXBS staccato	Range: G1–D#4	Samples: 180	RAM: 11 MB
Bass saxophone Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
42S SXBS sustain	Range: G1–C4	Samples: 90	RAM: 5 MB
Bass saxophone Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
43S SXBS sforzato	Range: G1–C4	Samples: 15	RAM: 1 MB
Bass saxophone Single notes: Sforzato 1 velocity layer			
44S SXBS legato	Range: G1–C4	Samples: 379	RAM: 23 MB
Bass saxophone Interval performances: Legato Monophonic 1 velocity layer: 0–127 mf Release samples			
45S SXBS legato-sus	Range: G1–C4	Samples: 424	RAM: 26 MB
Bass saxophone Interval performances: Legato, notes crossfading into sustains Monophonic 1 velocity layer: 0–127 mf Release samples			

22 Trumpets

Fanfare trumpets
 Bass trumpet
 Cornet
 Flugelhorn
 Trumpet in Bb

Articulations:

Staccato, sustained, sforzato
 Legato, legato with sustain crossfades (Bass trumpet only)

51S Tr-a6 staccato	Range: F#3–C6	Samples: 173	RAM: 10 MB
Trumpet ensemble, 6 players Single notes: Staccato 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f 2 Alternations			
52S Tr-a6 sustain	Range: F#3–C6	Samples: 203	RAM: 12 MB
Trumpet ensemble, 6 players Single notes: Sustained 5 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–118 f; 119–127 ff Release samples 2 Alternations			
53S Tr-a6 sforzato	Range: F#3–C6	Samples: 15	RAM: 1 MB
Trumpet ensemble, 6 players Single notes: Sforzato 1 velocity layer			
54S Tr-a6 legato	Range: F#3–C6	Samples: 726	RAM: 45 MB
Trumpet ensemble, 6 players Interval performances: Legato Monophonic 2 velocity layers: 0–108 p; 109–127 f Release samples 2 Alternations			
61S BTr staccato	Range: D2–C#5	Samples: 198	RAM: 12 MB
Bass trumpet Single notes: Staccato 3 velocity layers: 0–55 mp; 56–108 mf; 109–127 f 2 Alternations			
62S BTr sustain	Range: D2–C#5	Samples: 212	RAM: 13 MB
Bass trumpet Single notes: Sustained 3 velocity layers: 0–55 pp; 56–108 mp; 109–127 f Release samples			

63S BTr sforzato	Range: D2–C#5	Samples: 18	RAM: 1 MB
Bass trumpet Single notes: Sforzato 1 velocity layer			
64S BTr legato	Range: D2–C#5	Samples: 827	RAM: 51 MB
Bass trumpet Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
65S BTr legato-sus	Range: D2–C#5	Samples: 827	RAM: 51 MB
Bass trumpet Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
71S CO staccato	Range: E3–D6	Samples: 264	RAM: 16 MB
Cornet Single notes: Staccato 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f 2 Alternations			
72S CO sustain	Range: E3–D6	Samples: 183	RAM: 11 MB
Cornet Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
73S CO sforzato	Range: E3–D6	Samples: 17	RAM: 1 MB
Cornet Single notes: Sforzato 1 velocity layer			
74S CO legato	Range: E3–D6	Samples: 908	RAM: 56 MB
Cornet Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
81S FH staccato	Range: E3–F6	Samples: 168	RAM: 10 MB
Flugelhorn Single notes: Staccato 4 velocity layers: 0–55 p; 56–88 mf; 89–108 f; 109–127 ff 2 Alternations			

82S FH sustain	Range: E3–F6	Samples: 230	RAM: 14 MB
Flugelhorn Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 f; 109–127 ff Release samples 2 Alternations			
83S FH sforzato	Range: E3–F6	Samples: 23	RAM: 1 MB
Flugelhorn Single notes: Sforzato 1 velocity layer			
84S FH legato	Range: E3–E6	Samples: 852	RAM: 53 MB
Flugelhorn Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
91S TrBb staccato	Range: E3–F6	Samples: 176	RAM: 11 MB
Trumpet in Bb Single notes: Staccato 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f 2 Alternations			
92S TrBb sustain	Range: E3–F6	Samples: 220	RAM: 13 MB
Trumpet in Bb Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples 2 Alternations			
93S TrBb sforzato	Range: E3–F6	Samples: 21	RAM: 1 MB
Trumpet in Bb Single notes: Sforzato 1 velocity layer			
94S TrBb legato	Range: E3–D#6	Samples: 868	RAM: 54 MB
Trumpet in Bb Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

23 Trombones

Alto trombone

Articulations:

Staccato, sustained, sforzato

Legato

61S ATB staccato**Range: G2–E5****Samples: 136****RAM: 8 MB**

Alto trombone

Single notes: Staccato

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

62S ATB sustain**Range: G2–E5****Samples: 179****RAM: 11 MB**

Alto trombone

Single notes: Sustained

3 velocity layers: 0–55 p; 56–108 mf; 109–127 ff

Release samples

63S ATB sforzato**Range: G2–E5****Samples: 17****RAM: 1 MB**

Alto trombone

Single notes: Sforzato

1 velocity layer

64S ATB legato**Range: G2–D#5****Samples: 852****RAM: 53 MB**

Alto trombone

Interval performances: Legato

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

24 Tubas

Euphonium

Cimbasso

Articulations:

Staccato, sustained, sforzato

Legato, legato with sustain crossfades (Cimbasso only)

31S EU staccato**Range: D2–C5****Samples: 102****RAM: 6 MB**

Euphonium

Single notes: Staccato

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

2 Alternations

32S EU sustain**Range: C1–C5****Samples: 267****RAM: 16 MB**

Euphonium

Single notes: Sustained

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

Release samples

33S EU sforzato	Range: D2–C5	Samples: 17	RAM: 1 MB
Euphonium Single notes: Sforzato 1 velocity layer			
34S EU legato	Range: D2–A#4	Samples: 916	RAM: 57 MB
Euphonium Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
41S CI staccato	Range: D#1–G4	Samples: 160	RAM: 10 MB
Cimbasso Single notes: Staccato 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f 2 Alternations			
42S CI sustain	Range: D#1–G4	Samples: 222	RAM: 13 MB
Cimbasso Single notes: Sustained 3 velocity layers: 0–55 p; 56–108 mf; 109–127 f Release samples			
43S CI sforzato	Range: D#1–G4	Samples: 37	RAM: 2 MB
Cimbasso Single notes: Sforzato 1 velocity layer			
44S CI legato	Range: D#1–G4	Samples: 905	RAM: 56 MB
Cimbasso Interval performances: Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			
45S CI legato-sus	Range: D#1–G4	Samples: 905	RAM: 56 MB
Cimbasso Interval performances: Legato, notes crossfading into sustains Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples			

41 Vienna Choir

Soprano (16)
 Alto (10)
 Tenor (10)
 Bass (8)

Articulations:

"AA", staccato, sustained, sforzato
 "AA", legato

01S SO-16 staccato AA	Range: A#3–C6	Samples: 300	RAM: 18 MB
Soprano choir, 16 singers Single notes: "AA", staccato 2 velocity layers: 0–88 p; 89–127 f 4 Alternations			
02S SO-16 sustain AA	Range: A#3–C6	Samples: 275	RAM: 17 MB
Soprano choir, 16 singers Single notes: "AA", sustained 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples 2 Alternations			
03S SO-16 sforzato AA	Range: A#3–C6	Samples: 50	RAM: 3 MB
Soprano choir, 16 singers Single notes: "AA", sforzato 1 velocity layer			
04S SO-16 legato AA	Range: A#3–C6	Samples: 807	RAM: 50 MB
Soprano choir, 16 singers Interval performances: "AA", legato Monophonic 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples			
11S AL-10 staccato AA	Range: E3–F#5	Samples: 304	RAM: 19 MB
Alto choir, 10 singers Single notes: "AA", staccato 2 velocity layers: 0–88 p; 89–127 f 4 Alternations			
12S AL-10 sustain AA	Range: E3–F#5	Samples: 390	RAM: 24 MB
Alto choir, 10 singers Single notes: "AA", sustained			
13S AL-10 sforzato AA	Range: E3–F#5	Samples: 52	RAM: 3 MB
Alto choir, 10 singers Single notes: "AA", sforzato 1 velocity layer			

14S AL-10 legato AA	Range: E3-F#5	Samples: 846	RAM: 52 MB
<p>Alto choir, 10 singers Interval performances: "AA", legato Monophonic 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples</p>			
21S TE-10 staccato AA	Range: B2-C5	Samples: 300	RAM: 18 MB
<p>Tenor choir, 10 singers Single notes: "AA", staccato 2 velocity layers: 0–88 p; 89–127 f 4 Alternations</p>			
22S TE-10 sustain AA	Range: B2-C5	Samples: 375	RAM: 23 MB
<p>Tenor choir, 10 singers Single notes: "AA", sustained 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples 2 Alternations</p>			
23S TE-10 sforzato AA	Range: B2-C5	Samples: 50	RAM: 3 MB
<p>Tenor choir, 10 singers Single notes: "AA", sforzato 1 velocity layer</p>			
24S TE-10 legato AA	Range: B2-C5	Samples: 807	RAM: 50 MB
<p>Tenor choir, 10 singers Interval performances: "AA", legato Monophonic 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples</p>			
31S BA-8 staccato AA	Range: C2-E4	Samples: 348	RAM: 21 MB
<p>Bass choir, 8 singers Single notes: "AA", staccato 2 velocity layers: 0–88 p; 89–127 f 4 Alternations</p>			
32S BA-8 sustain AA	Range: C2-E4	Samples: 435	RAM: 27 MB
<p>Bass choir, 8 singers Single notes: "AA", sustained 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples 2 Alternations</p>			
33S BA-8 sforzato AA	Range: C2-E4	Samples: 58	RAM: 3 MB
<p>Bass choir, 8 singers Single notes: "AA", sforzato</p>			

34S BA-8 legato AA	Range: C2–E4	Samples: 963	RAM: 60 MB
Bass choir, 8 singers Interval performances: "AA", legato Monophonic 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples			
51S Choir staccato AA	Range: C2–C6	Samples: 588	RAM: 36 MB
Vienna choir Single notes: "AA", staccato Mapping: Bass C2–D#3; Tenor E3–B3; Alto C4–A4; Soprano A#4–C6 2 velocity layers: 0–88 p; 89–127 f 4 Alternations			
52S Choir sustain AA	Range: C2–C6	Samples: 799	RAM: 49 MB
Vienna choir Single notes: "AA", sustained 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples 2 Alternations			
53S Choir sforzato AA	Range: C2–C6	Samples: 98	RAM: 6 MB
Vienna choir Single notes: "AA", sforzato 1 velocity layer			

99 Release

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

VI Matrices

07S Bass flute

Samples: 1303 RAM: 81 MB

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

17S English horn (Vn)

Samples: 1095 RAM: 68 MB

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

18S Heckelphone

Samples: 1121 RAM: 70 MB

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

27S Contrabass clarinet

Samples: 1440 RAM: 90 MB

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

35 Bassoon 2

Samples: 1178 RAM: 73 MB

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

45 Sopran saxophone**Samples: 1472 RAM: 92 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus XF

46 Bass saxophone**Samples: 619 RAM: 38 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus XF

16S Trumpet ensemble (6)**Samples: 943 RAM: 58 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

17S Bass trumpet**Samples: 1076 RAM: 67 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus XF

18S Cornet**Samples: 1240 RAM: 77 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

19S Flugelhorn**Samples: 1093 RAM: 68 MB**

Staccato, sustained, sforzato, legato

Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

20S Trumpet Bb**Samples: 1113 RAM: 69 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

28S Alt trombone**Samples: 1056 RAM: 66 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

34S Euphonium**Samples: 1110 RAM: 69 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato

35S Cimbasso**Samples: 1139 RAM: 71 MB**

Staccato, sustained, sforzato, legato
Sustained with staccato attack
Legato with sustain crossfading

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	staccato	sustained	sforzato	legato
V2	sus./stacc. attack	sus./stacc. attack	sforzato	legato/sus XF

01S Sopran - AA**Samples: 1157 RAM: 72 MB**

“AA”: Staccato, sustained, sforzato, legato

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

02S Alt - AA**Samples: 1202 RAM: 75 MB**

“AA”: Staccato, sustained, sforzato, legato

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

03S Tenor - AA**Samples: 1157 RAM: 72 MB**

"AA": Staccato, sustained, sforzato, legato

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

04S Bass - AA**Samples: 1369 RAM: 85 MB**

"AA": Staccato, sustained, sforzato, legato

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

11S Full Choir - AA**Samples: 1485 RAM: 92 MB**

"AA": Staccato, sustained, sforzato

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	sustained	sforzato	legato

Presets

VI Presets

SE11a Preset Bassflute Matrix: 07S Bass flute	Samples: 1303	RAM: 81 MB
SE12a Preset English horn (Vn) Matrix: 17S English horn (Vn)	Samples: 1095	RAM: 68 MB
SE12a Preset Heckelphone Matrix: 18S Heckelphone	Samples: 1121	RAM: 70 MB
SE13a Preset Contrabass clarinet Matrix: 27S Contrabass clarinet	Samples: 1440	RAM: 90 MB
SE14a Preset Bassoon 2 Matrix: 35 Bassoon 2	Samples: 1178	RAM: 73 MB
SE15a Preset Bass Sax Matrix: 46 Bass saxophone	Samples: 619	RAM: 38 MB
SE15a Preset Soprano Sax Matrix: 45 Sopran saxophone	Samples: 1472	RAM: 92 MB
SE22a Bass trumpet Matrix: 17S Bass trumpet	Samples: 1076	RAM: 67 MB
SE22a Cornet Matrix: 18S Cornet	Samples: 1240	RAM: 77 MB
SE22a Flugelhorn Matrix: 19S Flugelhorn	Samples: 1093	RAM: 68 MB
SE22a Trumpet Bb Matrix: 20S Trumpet Bb	Samples: 1113	RAM: 69 MB
SE22a Trumpet ensemble (6) Matrix: 16S Trumpet ensemble (6)	Samples: 943	RAM: 58 MB
SE23a Alt trombone Matrix: 28S Alt trombone	Samples: 1056	RAM: 66 MB
SE24a Cimbasso Matrix: 35S Cimbasso	Samples: 1139	RAM: 71 MB

SE24a Euphonium**Samples: 1110 RAM: 69 MB**

Matrix: 34S Euphonium

SE35 Preset Choir**Samples: 4885 RAM: 305 MB**

Matrices:

01S Sopran - AA,

02S Alt - AA, 03S Tenor - AA,

04S Bass - AA, 11S Full Choir - AA

Preset keyswitches: G1-B1