

# Vienna Instruments

# Bass Waterphone

## Contents

<b>Introduction</b> .....	<b>2</b>
Patch information .....	2
Matrix information .....	2
Pitch .....	2
<b>54D Bass Waterphone</b> .....	<b>3</b>
Patches .....	3
01D BASS WATERPHONE .....	3
99 RELEASE .....	4
Matrices .....	4
54D Bass waterphone .....	4

## Introduction

Welcome to the Vienna Symphonic Library, and thank you for purchasing one of our Vienna Instruments! This document contains the mapping information for the Vienna Instruments Bass Waterphone. 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 and Matrix.

## 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.

The 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. The Patch information also lists the velocity layers in detail.

## 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.

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.

## 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.

# 54D Bass Waterphone

Vienna Instruments folder paths: Percussion+Co/54D Bass Waterphone/

## Patches

### 01D BASS WATERPHONE

Staccato, sustained

Tremolo crescendo, arpeggios, glissando

#### 01D BWPH stac

Range: G3–G#6

Samples: 16

RAM: 1 MB

Single notes: Staccato

1 velocity layer

#### 02D BWPH sus

Range: E3–D6

Samples: 75

RAM: 4 MB

Single notes: Sustained

1 velocity layer

Release samples

AB switch: release duration long/short

#### 03D BWPH tremolo-cres

Range: A3–D#6

Samples: 7

RAM: 1 MB

Phrases: Tremolo, crescendo

1 velocity layer

#### 04D BWPH arpeggios

Range: C3–G6

Samples: 26

RAM: 1 MB

Phrases: Arpeggios, with vibrato, soft attack, var. 1–26

Mapped to white keys

1 velocity layer

#### 05D BWPH FX loops

Range: C3–G6

Samples: 60

RAM: 3 MB

Effects: Glissando, p/mf/f/ff

effects loops p/mf/f with variations

1 velocity layer

Release samples

AB switch: release duration long/short

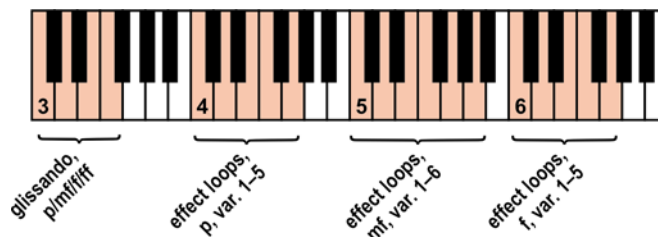
#### Mapping:

C3–F3: glissando, p/mf/f/ff

C4–G4: effect loops, piano, var. 1–5

C5–A5: effect loops, mezzoforte, var. 1–6

C6–G6: effect loops, forte, var. 1–5



**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****54D Bass waterphone****DL-Matrix Bass Waterphone****Samples: 184****RAM: 11 MB**

Staccato, sustained, tremolo crescendo, arpeggios, and effect loops

**Matrix switches:** Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
V1	staccato	sustained	tremolo crescendo	arpeggios	FX loops