

# Xsample AI Library

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# Tuba Melton Model 4460

Virtual instruments for Composers & Musicians

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## **Tuba Melton Model 4460 Playing Styles:**

open, open staccato, con sordino, con sordino staccato, accent, crescendo / decrescendo (long), flutter tongue, slap tongue, voice breathing (third and octave), mouthpiece strokes, air noises, body strokes, vacuum noises, valve noises, ultra low tones and breath noises

## **Product content:**

Tuba Kontakt Patches (standard + extended edition)

1220 Samples

509 MB

61 IR Samples (room impulses)

Finale Human Playback Preferences

Sibelius Sound Set (updated)

TouchOSC Layout

PDF documentation for the complete Library (english / german)

PDF Notation Guide Part I & II for the complete Library

## **Xsample „Features“**

- Finale Human Playback preferences and Sibelius Sound Set
- easy and comfortably playable instruments
- „all in one“ instruments (all playing styles clearly in one instrument)
- colored instruments
- fully chromatically sampled and multilayer
- natural and vivid loops for all sustained notes
- seamless dynamics and timbre by xfades:  
continuous sound from ppp to fff
- Stereo- and Mono- Version (switchable in the instrument)
- Room Walker script for effects within a virtual two-dimensional space
- 61 IR Samples (room impulses)
- A variety of new modulators (Attack, Decay & Release and much more...)
- TouchOSC Layout

## **The Tuba is not contained in Xsample AI Library Complete or Part II**

### Hardware & software requirements

- Full version of Native Instruments Kontakt (Version 5.5 or higher)
- Keyboard with 88 keys, modwheel, pitch bend and sustain-pedal
- Recommended are additional configurable MIDI controller (for CC#2 and CC#4) or an iPad/Android tablet with TouchOSC (Layout in the package)

## Brass (Tuba - controller & key switches)

| key             | style switch      | A6                | A#6               | B6                                     | C7                              | C#7             | D7                           | D#7                      | E7                    | F7                   | F#7                 | G7                           | G#7                           | A7 |
|-----------------|-------------------|-------------------|-------------------|--|---------------------------------|-----------------|------------------------------|--------------------------|-----------------------|----------------------|---------------------|------------------------------|-------------------------------|----|
| cc#0            |                   | 0                 | 1                 | 2                                      | 3                               | 4               | 5                            | 6                        | 7                     | 8                    | 9                   | 10                           | 11                            | 12 |
| <b>A#7</b><br>* | 1. layer switch   | open cc#1         | open velocity     | flutter tongue cc#1                    | standard mute cc#1              | accent velocity | crescendo / decrescendo cc#1 | voice breathing velocity | body strokes velocity | slap tongue velocity | air noises velocity | mouth piece strokes velocity | various undef. tones velocity |    |
| cc#1            | volume / phrasing | volume            | phrasing          | volume                                 | volume                          | phrasing        | xfade to decrescendo         | xfade third / octave     | -                     | -                    | -                   | -                            | -                             |    |
| cc#2            | phrasing          | phrasing          | -                 | phrasing                               | phrasing                        | -               | phrasing                     | phrasing                 | -                     | -                    | -                   | -                            | -                             |    |
| AT              | vibrato           | vibrato           | vibrato           | -                                      | vibrato                         | vibrato         | -                            | -                        | -                     | -                    | -                   | -                            | -                             |    |
| velocity        | volume            | -                 | volume            | -                                      | -                               | volume          | volume                       | volume                   | volume                | volume               | volume              | volume                       | volume                        |    |
| <b>cc#0</b>     |                   | 13                | 14                | 15                                     | 16                              | 17              | 18                           | 19                       | 20                    | 21                   | 22                  | 23                           | 24                            | 25 |
| <b>B7</b>       | 2. layer switch   | staccato velocity | staccato velocity | xfade senza vib. - flutter tongue cc#2 | standard mute staccato velocity | accent velocity | crescendo / decrescendo cc#1 | voice breathing velocity | body strokes velocity | slap tongue velocity | air noises velocity | mouth piece strokes velocity | various undef. tones velocity |    |
| cc#1            | volume / phrasing | -                 | -                 | volume                                 | -                               | phrasing        | xfade to decrescendo         | xfade third / octave     | -                     | -                    | -                   | -                            | -                             |    |
| cc#2            | phrasing          | -                 | -                 | senza vib. - flutter tongue            | -                               | -               | phrasing                     | phrasing                 | -                     | -                    | -                   | -                            | -                             |    |
| AT              | vibrato           | -                 | -                 | vibrato                                | -                               | vibrato         | -                            | -                        | -                     | -                    | -                   | -                            | -                             |    |
| velocity        | volume            | volume            | volume            |  | volume                          | volume          | volume                       | volume                   | volume                | volume               | volume              | volume                       |                               |    |

AT = after touch / channel pressure

\* Layer switches (A#7 and B7) are only active if the button „vel keyswitch“ (layer switching with velocity) is off

### Overview ranges for breath function

| Instrument  | Key area             | Trigger-Note |
|-------------|----------------------|--------------|
| French Horn | G6 - A#7             | C8           |
| Trumpet     | B1 - D3              | A#1          |
| Trombone    | A0 - C#1 and B6 - A7 | A#6          |
| Tuba        | C#6 - G6             | G#6          |

**For more information please take a look at the documentation of Xsample AI Library Complete**

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