

Ukrainian Bandura  
for NI Kontakt & EXS24



Thank you for purchasing the Ukrainian Bandura.

The Bandura is the national instrument of Ukraine. We have sampled a 55-string Bandura made by the Chernihiv factory in the -1980ties. Playing styles included in the library are:

**Solo** (4 velocity layers, 6 round robin layers)

**Trio** ( 4 velocity layers 2 round robin layers, based upon the same samples as “Solo” with 3 samples per note)

**FX1-3** (178 sound effects created with the instrument)

The tonal range of the instrument is A0-D#5, mapped from A1-D#6 in the keyboard.

All samples were recorded at 24 bits, and 44.1 Sample rate.

The SampleSet contains 1315 mono WAV samples mapped as 9 programs for Kontakt 2 and above, 1 scripted program for Kontakt 3 and above, and 10 programs for EXS24. The total size of the library uncompressed is 2GB.

## Ukrainian Bandura for NI Kontakt 3, 4 and 5

*The files in NI Kontakt 3, 4 and 5 format requires the full version of NI Kontakt 3, 4 or 5 and does not work fully with the free Kontakt player!*



### Articulation + Tone page.

**Trio Spread** and **Human** control knobs only affect the sound if the Articulation is set to “Trio”. Spread adjusts the stereo image of the samples that are triggered for each note. Human adds timing and tuning variation to the samples.

**Articulation:** Pulldown menu with the available articulations. The name of the selected articulation and note for the corresponding keyswitch is visible. The articulations and key switches are as follows: C1 = Solo, C#1 = Trio, D1 = FX1, D#1 = FX2 and E1 = FX3.

**Velocity:** The amount of velocity sensitivity from 0 to 100%.

**Envelope:** Attack & Decay control knobs.

**EQ:** Lo, Mid & Hi frequency amount control knobs.



### Reverb + Delay page.

**Reverb:** IR Reverb FX with 11 presets “Big Hall 1”, “Big Hall 2”, “Cathedral”, “Church”, “Large Hall”, “Large Room”, “Medium Hall”, “Small Room”, “Small Space 1”, “Small Space 2”, “Stage” and level

control knob. **Delay**: delay effect with **Level** control knob and **on/off** button. Other knobs control the **Time** of delay, **Feedback** of the delay signal, **Tone** (filter frequency character of the delay), and **Spread** (stereo width of delay signal, where 0%=mono)



### Tremolo + Arp page.

#### Tremolo + arp control:

**Rate** knob with different host tempo synced speeds from 1/4 to 1/64 and a Free mode that activates the **Speed** knob (on the right), so you can dial in a free tempo not dependent on the host.

The **Tremolo + arp** menu lets you activate either tremolo, or an arpeggio pattern. It can also be controlled by keyswitch, where D#0 =Off, E0=Tremolo, F0= Up, F#0= Down, G0=Up and Down, G#0=Down and Up. Note that arpeggio sounds the same as tremolo when only one note is held; to take effect, the arpeggio requires at least two held notes.

Tremolo + arp On/Off is also controllable by **Sustain Pedal** (CC64), which when pressed will activate the most recently used tremolo/arp mode.

**Accelerate/Decelerate** mode button, also controllable by keyswitch A0 (accelerate) and A#0 (decelerate). The Accelerate/Decelerate effect determines the effect of the modwheel (CC1) on the tremolo and arpeggio. Therefore, it only works if the Tremolo + arp is on.

#### Tremolo + arp humanize:

**Timing, Velocity & Tuning** control knobs for a dead tight (0%) to more human randomization (100%) of these characteristics of the Tremolo and Arpeggio. If Tremolo + arp is off, these knobs have no effect.

Note that these humanise controls for the Tremolo and Arpeggio act *in addition to* the humanise control on the Articulation + Tone page, if Trio is enabled.



### Credits Page.

Recording by Fredrik Wictorsson

Editing & programming by Lars Westin

KSP Scripting by Iain Morland <http://sound.iainmorland.net>

GUI Graphics by Lars Westin

This library includes impulses from the free Bricasti M7 library by Acousticas, used under license.

### A note about Kontakt 5.

We have provided a separate program for Kontakt 5, to work around a bug in Kontakt 5.1 and below. The bug is that send effects such as delay and reverb are too loud. The program for Kontakt 5 contains adjusted levels to compensate. Note that future Kontakt updates may fix the bug, in which case you should use the program for Kontakt 5 in Kontakt 5, to hear the effects at the correct level.

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