Thank you for choosing Spiral Strings - TONSTURM's first VST Instrument tailored for composers.

While recording the SFX for our Sentient Frequencies Soundpack, we were captivated by the Spring Cello's musical potential. Inspired, we contacted the talented Matthias Kaufmann, a professional cellist, for a fresh recording session.

Today, we're proud to bring this completely unique and ethereal instrument to your studio!



### Note on voices using NI Kontakt:

We've implemented a True Stereo Convolution Reverb in Kontakt (very tricky to achieve btw) which was such a game changer sonically. The only downside is that the instrument uses double the voices when played. So keep that in mind when layering multiple instances of Spiral Strings.

# System requirements:

- Double-click the \*.nki patch. - Or drag the \*.nki patch into Kontakt.

# SPIRAL STRINGS

Full Version of NI Kontakt6 or later. Purchase separately if not owned. Installation:

- 1. Open Kontakt; use 'File Browser' to find Spiral Strings.
  - 2. To load:



Spiral Strings is a two layer instrument - it is divided into LAYER A & LAYER B. Functions for both layers are identical. You can choose all parameters separately and individually for each layer.

White means the function is active.



# MAIN



This is the matrix that connects all modulation sources to their destinations. There are three LFO's and two Step Sequencers. LFO 1 & 2 have identical functions. LFO 3 is special because it can also modulate the speed of LFO 1 & 2. The Step Sequencers have identical functions. All LFO's and Step Sequencers can be routed to modulate selected parameters of both LAYER A & LAYER B.







Amount of Volume modulation with a bipolar slider.

### MODULATOR SELECTION

Ů Step 1

Move between the modulators (LFO 1-3, Step Sequencer 1-2)

U Activates/deactivates the chosen modulator.



### <u>LFO</u>

Speed: You can choose the speed of the LFO. If sync is activated you can choose between the divisions Delay: You can delay the start of the LFO Curves: You can choose between sinus, triangle, sawtooth, square and random Sync: You can sync the LFO to your DAW speed Retrigger:



Retriggers the LFO with every note

# MOVEMENTS

Sync

Retrigger



The most exceptional effect of Spiral Strings is the True Stereo Reverb. We've sampled Hi-Q IR's of the instrument itself, but also of the most characterful hardware and rooms. The reverb is for both layers You can also choose between Filter, Distortion and Tape Saturation for each layer seperately.



On/Off switch: Activates/deactivates the Filter LP/BP/HP: Choose between Lowpass, Bandpass & Highness Filter Frequency: Adjust the Frequency Resonance: Adjust the amount of Resonance Modulation Control: This is a quick way to check and control the amounts of modulation for the Filter Cutoof and Resonance (see MOVEMENTS site)



### **DISTORTION**

Eiltor	Distorti	п Тапа	On/Off switch:
Filter			Activates/deactivates the
III O Tone D Bass	U ON OFF	Clean Output	<ul> <li>Adjust the tone of distorti</li> <li>Drive:</li> <li>Adjust the amount of distoclean:</li> <li>Adjust the clean signal am Bass:</li> <li>Adjusts the low frequency Bright:</li> <li>Adjusts the high frequence Output:</li> <li>Adjust the overall volume Modulation Control:</li> <li>This is a quick way to check control the amounts of modulation (see MOVE)</li> </ul>

# EFFECTS

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## Spiral Strings 1 Spiral Strings 1 Spiral Strings 2 Digital 12bit Space Echo British Spring Forest Mountain Amount

### TRUE STEREO SPACE

Choose between 7 True Stereo Impulse Responses Amount: Choose the amount of Reverb

