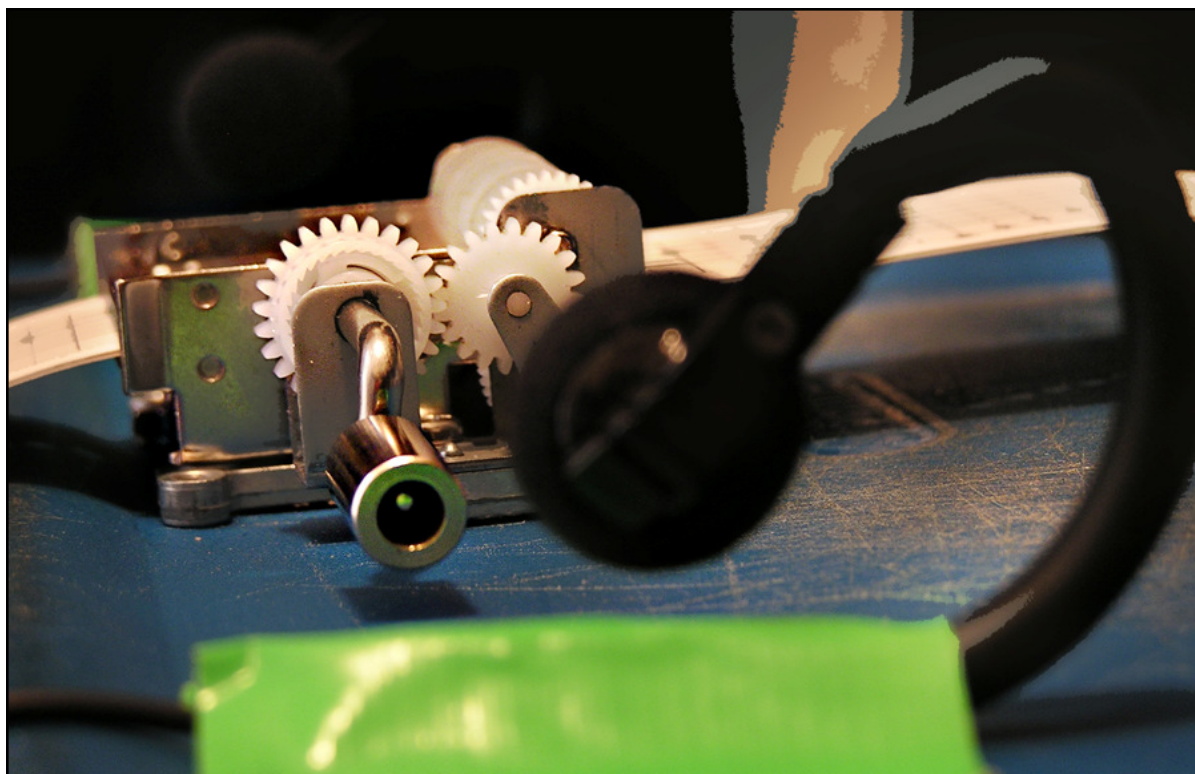


Tiny Box Sample Library

Manual v1.3



Produced by Elan Hickler

Tips

Sequencing

- If the melody you are trying to sequence plays high or low notes not in the range of this musical box, transpose the melody till the highest note is within the musical box's range. Lower notes will now be out of the musical box's range. Transpose those low notes up by octaves.
- It may be discouraging when a melody is out of the musical box's range. Mess around with harmonies and octave changes to take place of notes out of the musical box's range. I've found that this can create interesting harmonies that would have otherwise not been there.
- I find that very loose midi sequencing creates realistic results.
- Remember, the natural range of this music box is G#3 to G#5 in the key of G#.

EQing

- A bandpass filter at 650hz -6.5db will reduce the resonance.
- A highpass filter at 300hz will reduce the microphone proximity effect.

Reverb

- Combine the above EQing with reverb for best results.
- Use the reverb's built in EQ and cut off the high frequencies.
- KarmaFX Reverb is very good. It's free, too.

Unison

- There are enough alternate samples to load up two instances of the musical box.
- Load up the "clean" and "clean tuned" presets and play them simultaneously.

About the Library

“Noticing the same sample twice is like listening to a broken record.”
-Elan Hickler

Recording

- MicrophoneMadness Binarual Microphones
- Korg MR-1 Handheld Recorder
- iZotope RX spectral editing and noise reduction
- All recordings were done in a closet.
- Recorded in 24-bit 96khz format.

Samples

- 15-tone musical box in the scale of G#
- 14 alternate samples per tone, 210 clean samples, 210 dirty samples
- G#3 is stretched down to E3; G#5 is stretched to C6; the rest of the notes are stretched one semi-tone except for G4, C5, and G5 which are not stretched.
- All samples have 50ms of attack to preserve the plucky nature of the musical box.

Presets

Tuned	Tuning corrections
Clean	No crank noises
Dirty	Emulates the musical box crank being turned

Kontakt — The “Randomize” button (found in the script editor) will randomize incoming velocity to randomly select alternate samples. Turn this off to fine-tune the alternate sample playback via velocity.

HALion — All 14 alternate samples for each note are set to round robin, cycling through the 14 folders each time a note is struck. In the [Sound] tab, select "MOD" and then "ALTERNATE" if you wish to modify the round robin features; for example, you can select "Random" to trigger the alternates randomly instead of in order, but this risks triggering the same sample twice on occasion. (HALion format is courtesy of bioLogic bio_logic@live.com)

SFZ — ‘rnd’ will randomly select alternate samples. ‘vel’ will play alternate samples based on velocity. (SFZ format is courtesy of Juanjo Cotado juanjo@walnutdoor.net)

Shortcircuit — Shortcircuit has no way to randomize the alternate samples. Use a midi plugin to randomize the velocity. (Shortcircuit format is courtesy of Juanjo Cotado juanjo@walnutdoor.net)

EXS24 — The 14 samples per note alternate according to the 'round-robin' principle, i.e. each of the 14 sample sets are defined as one group; the groups count through with every note played. In case you do not want this, uncheck the play-by-group option for the single samples. (EXS24 format is courtesy of Bojan Vuletic www.ignoring-gravity.com)

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