Gotharman's Note Randomizer

User Manual

Note Randomizer front

Probability: At high settings more notes will be passed thru, to MIDI out, at lower settings less notes will be passed thru. When turned fully up (rightwards) all notes will get thru. Use this setting, if you only wants the velocity (or nothing) to be randomized. At 0 very few notes will get thru.

Velo To Prob: Adjusts how much the velocity value of incoming MIDI notes will affect the probability. The more you turn this knobs up, the more velocity will affect probability. The higher the velocity value, the higher the probability. In order for this function to work, the probability knob must not be fully turned up.

Random Velo: Adjusts how much the velocity value of the incoming midi notes will be randomized.

Note Randomizer back connections

MIDI IN: Connect this to MIDI out from a MIDI device like a keyboard or a sequencer, that transmits MIDI note on's and off's.

MIDI OUT: Connect this to a MIDI device that are able to receive MIDI note on's and off's.

9 V DC: Connect a power supply to this, with the following specifications:
- 9–12 V dc
- Minimum 200 mA
- DC plug with 2.1 mm hole and positive voltage in the middle

Gotharman's note randomizer are a MIDI only effect, that treats incoming MIDI note on and off's. When it receives note data, it takes a look at the adjustable probability parameter, and the velocity value, if Velo to Prob is other than zero, and randomly decides if it will play that note or not. If it decides to play the note, it will have a look at the adjustable random velocity parameter, and if this is higher than zero, it will randomize the note velocity value with the adjusted amount. This effect is very useful for creating variations in repeating patterns.

All other MIDI data, than note on and off's, are passed thru, from MIDI in to MIDI out, without any treatment.

It works on all MIDI channels at the same time, so if you only wants to randomize the notes to one MIDI instrument, you will have to connect the note randomizer's MIDI output directly to that instruments MIDI input, and connect the note randomizer's MIDI input, the way you would usually connect the instruments MIDI input (i.e. to the MIDI output of your sequencer, master keyboard, computer, MIDI-thru box, or whatever).

Web: www.gotharman.dk