

EEPROM

LEGENDS

↗	Step	Trig	Beat	Bar
Step	1	1	1/4	1/16
Trig	1	1	1/4	1/16
Beat	4	4	1	1/4
Bar	16	16	4	1

BASE		Bytes	
Note		1	One MIDI note pitch (0-255)
Chord	4 notes	4	Notes allowed in a single chord
Total	4 chords	16	Total number of chords allowed
CHORDS			
Bits reserved	6 bits		Per coord selection (ex: for transpose, ...)
Coord selection		1	Bytes needed to select a single chord
Granularity	4 per bar		Number of chord selections per bar
Max Length	32 bars	128	Max number of bars (before it loops)
NOTES			
Bits reserved	6 bits		Per note selection (ex: for velocity, ...)
Note selection		1	Bytes needed to select a single note
Granularity	16 per bar		Number of note selections per bar
Max Length	4 bars	64	Max number of bars (before it loops)
Trigs on		8	Vector of trigs (notes on)
Trigs off		8	Vector of trigs (notes off)
GENERAL			
Margin	128 bytes	128	Some buffer for additional config data
Nb channels	4		Number of MIDI channels to control
TOTAL		976	Total bytes needed to hold the state
(leftover)		48	What is left out of 1024 bytes (for storage)