

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, ...)
Chord selection			1	Bytes needed to select a single chord
Granularity	4	per bar		Number of chord selections per bar
Max Length	8	bars	32	Max number of bars (before it loops)
NOTES				
Bits reserved	4	bits		Per notes selection (ex: for velocity, ...)
Notes selection			1	Bytes needed to select notes (within chord)
Granularity	16	per bar		Number of note selections per bar
Max Length	2	bars	32	Max number of bars (before it loops)
Trigs			32	Vector of trigs (notes on)
GENERAL				
Margin	64	bytes	64	Some buffer for additional config data
Nb channels	2			Number of MIDI channels to control
TOTAL			272	Total bytes needed to hold the state
(leftover)			752	What is left out of 1024 bytes (for storage)