

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 on			32	Vector of trigs (notes on)
Trigs off			32	Vector of trigs (notes off)
GENERAL				
Margin	64	bytes	64	Some buffer for additional config data
Nb channels	2			Number of MIDI channels to control
TOTAL			336	Total bytes needed to hold the state
(leftover)			688	What is left out of 1024 bytes (for storage)