

Firmware release note for Seq MIDI Sequencer - December 6th, 2017

Seq firmware version 1.3 is now available for download. This is an upgrade release. Head on over to polyend.com/firmware-update for loader download.

Polyend Team is announcing a release of new firmware for their MIDI Sequencer Seq: „Being focused on the development of new exciting projects isn't stopping us from constant thinking about improvements for the existing ones. Besides eliminating inevitable bugs, we're still into adding new functionality. Keeping in mind the initial idea of having a tool which is very intuitive in use, we decided to make Seq a bit more musical than before by adding music scales and predefined chords. Also, now you got more control over how randomization influences different parameters of tracks and steps. This update is a next move towards perfecting Seq to what we would like it to be, but not the last one.”

Improvements and changes list:

- Assignable music scale per track, with choice of thirty-nine different scales (see table below).
- Added polyphony per step, choose from twenty predefined chords (see table below).
- Developed randomization options. Set if randomization influences: modulation, velocity and step nudge parameters (humanize). When randomizing steps on track with applied music scale, notes are scattered in between the range of two octaves (one up, one down with a root note in the middle).
- Added gate time per step.
- Perfected knob physics for modulation, velocity and CC parameters.
- Shortened time of track lengths displays after change applies. Also, reduced track length led brightness.
- Due to internal processes optimization Seq workflow is now smoother.

Short promo clip showing new features: www.youtube.com/watch?v=ycSPF2vxoaA&feature=youtu.be

music scales chart	
name	name
0	-
1	Chromatic
2	Minor
3	Major
4	Dorian
5	Lydian
6	Lydian Minor
7	Locrian
8	Phrygian
9	Phrygian Dominant
10	Mixlydian
11	Melodic Minor
12	Harmonic Minor
13	BeBop Major
14	BeBop Dorian
15	BeBop Mixlydian
16	Blues Minor
17	Blues Major
18	Pentatonic Minor
19	Pentatonic Major
20	Hungarian Minor
21	Ukrainian
22	Marva
23	Todi
24	Whole Tone
25	Diminished
26	Super Locrian
27	Hirajoshi
28	In Sen
29	Yo
30	Iwato
31	Whole Half
32	Kumoi
33	Overtone
34	Double Harmonic
35	Indian
36	Gipsy
37	Neapolitan
38	Neapolitan Minor
39	Enigmatic

chords chart	
name	
1	Power 4th
2	Power 5th
3	Major
4	Minor
5	Diminished
6	Augmented
7	Sustained2
8	Sustained4
9	Major 6th
10	Minor 6th
11	Major 7th
12	Minor 7th
13	Minor Major 7th
14	Dominant 7th
15	Major 9th
16	Minor 9th
17	Major 11th
18	Minor 11th
19	Major 13th
20	Minor 13th