The *audiowerkstatt mini-midi-step-seq* is a MIDI-sequencer (no gate/CV), which is based on a classic analog step-sequencer:

- Programming with potentiometers (no endless-dial and no detent)!
- Only one track!
- No pattern-storage!
- No internal clock (only usable as MIDI-slave)!
- No display!

It is optimized for live use, especially jam-sessions, but can also be used to give you new ideas, if you are stuck in your main sequencer.

- All settings can be changed while it’s running.
- 2x 8-step-pattern, that can be used alternatively or chained to a 16-step-pattern.
- Normally the pattern changes, when the one that is played ends. With a special “jump”-button it is possible to jump from one pattern to the other immediately without loosing synchronization.
- It is possible to edit the pattern that is playing or edit the other pattern.
- LEDs next to the potentiometers display after changing the pattern, if the position of the potentiometer is corresponding to the used value. If not, the position of the potentiometer is not used and the LED stays dark until the potentiometer passed the used value.
- One pattern can be copied to the other.
- Several steps can be put together, to get different note-lenths in one sequence.
- The first step can be adjusted (independently for each pattern, to make it possible to get sequences with odd numbers of steps, that are bigger than 7 steps (e.g. 13 steps).
- The last step can be adjusted (independently for each pattern, to make it possible to get sequences with odd numbers of steps, that are bigger than 7 steps (e.g. 13 steps).
- The clock-divider can be set in 8 steps (1/1 to 1/32).
- The velocity can be set in 7 steps (1 to 127).
- The 8th. position for velocity is a mode, where a random number is created for each step and used as velocity.
- The range that can be programmed with the potentiometers (from full anticlockwise to full clockwise), can be set in 7 steps (13 notes to 128 notes).
- The 8th. position for range is a mode, where the same note is played for every step and the potentiometers are used to program pitchbend. This makes it possible to program patterns, that are not pitch-quantized in halftone-steps. Because pitchbend is interpreted different from synthesizer to synthesizer, the maximum range that can be programmed, depends on the used synthesizer.
- The lowest note can be set in 8 steps to transpose (C0 bis C7).
- The gate-length can be set in 16 steps. The highest value makes the last note end after the new note starts to get a legato-effect.
- It is possible to generate two additional notes by setting their interval to the note set by the potentiometers. You get up to 3-voice polyphonic patterns similar to things done with “chord memory”.
- The sequencer can be pushed forward or backward a step or midi-clock-tick (same as *audiowerkstatt midi-clock-shifter*).
- If you got lost (e.g. after changing clock-divider, first- or last-step), you can restart the sequencer without stopping the master (same as *audiowerkstatt midi-restarter*).
- All settings can be changed while the sequencer is running and all settings are stored after powering down.

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Further info: www.audiowerkstatt.de/en/mini-midi-step-seq

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Visit audiowerkstatt at SuperBooth16, booth BL260 …