Portable MIDI Sequencer — Alpha1
Quick Reference v1.0 (EN)

Intended Use

Best suited for musicians with a good sense of timing.

Alpha1 is a performance-oriented MIDI sequencer focused on live recording and real-time interaction, rather than grid-based or step sequencing.

Core Concepts

- **16 tracks = 16 MIDI channels** (1:1 mapping)

- Records live MIDI performance

- No step grid, no piano roll, no visual editing

- Incoming MIDI is passed through in real time

- Projects are stored in internal flash memory

Modes

Transport
- **Stop**

- **Play**

- **Record**

Sequencer Modes
- **Linear** — destructive recording

- **Loop** — non-destructive overdub recording

Recording

Count-In
- 4 beats count-in before recording starts

- Audible via piezo

- Recording starts when REC LED turns on

Linear Mode
- Recording is **destructive**

- Recording overwrites current track content

- One track recorded at a time

Loop Mode
- Recording is **non-destructive (overdub)**

- Loop repeats continuously

- REC during recording clears current track instantly

- Track can be changed during recording (REW / FF)

Track Control

- Encoder selects track via menu
- **REW** = Track -1 (during recording)
- **FF** = Track +1 (during recording)
- Track change is immediate and real-time

Quantize (post-factum)

- Global (per project)
- Available in **Stop mode only**
- Quantization resolution:
- Quarter notes (1/4)
- Eighth notes (1/8)
- Sixteenth notes (1/16)
- Applies to already recorded MIDI events
- No step grid or visual editing involved

Metronome

- **LED metronome**: active in Play and Record
- **Piezo metronome**: Record mode only
- First beat accented by higher pitch
- Count-in uses piezo + LED together

Buttons (8 total)

1. Play / Stop
2. Pause
3. Record
4. Rewind (Track -1 in Rec)
5. Fast Forward (Track +1 in Rec)
6. Reserved
7. Reserved
8. Shift / Tap Tempo

Encoder

- Rotate: navigate menu / change values
- Press: enter edit mode (* appears)
- Press again: confirm / exit edit mode

BPM & Tap Tempo

- BPM editable only in Stop mode

- Enter BPM edit with encoder

- Rotate encoder or use Tap Tempo (Shift)

- Exit edit mode to apply

MIDI Panic

- **FF + REW** = All Notes Off (current channel)

Saving & Loading

- Save and Load available only in Stop mode

- Projects stored in flash (power-safe)

- System remembers last used project

Synchronization

- Internal clock (current)
- MIDI Clock In / Out — planned

Future Features (planned)

- MIDI Clock In / Out

- Solo / Mute per track

- Scrub mode

- MIDI CC control of device functions

- Project / MIDI export

- Web-based interface

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