

THE SEQUETRON MODS HISTORY

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7.23 7-Apr-2011

More colour options

On-screen: Text, Grid ticks

Config file only: Title text

Docm corrected for novice template (chan & prog removed)

7.21 5-Apr-2011

Renamed beginner's mode to novice

More screen simplification for novice mode

Config menu simplified

Added Tools menu for Key Mapper, Key Maps, Diagnostics

Port input/output buttons moved to config menu

Port config screen shows both inputs & outputs

Load midi file now uses first chan & prog event to set seq value

Rec-nn command uses first chan event to set seq value

Colour config added (full version only)

Sweep & cyclic modifiers removed from LE version

Stop-primed seqs can now be changed to play or mute as reqd

Seq length increased, bar length indicator range increased

Added MIDI panic to Reset command & close-down to handle stuck notes

Simple built-in drum patterns added

7.15 27-Mar-2011

Raw recording changes (rec-nn command)

Clarified raw record mode on input line

Changed raw record to count note-on's not note-off's

Raw recording resets metronome if internal clocks & all seqs stopped

Added raw buffer usage to diagnostics window

7.14 26-Mar-2011

Initial program change event now saved in MIDI files

7.13 26-Mar-2011

Fixed MIDI channel used in saved MIDI files

Fixed key mapping for beginner's mode in full version (missing Esc cmd)

Added more timing tolerance when starting seqs in sync

7.11 22-Mar-2011

Major update to timing, quantisation, recording & stop-play functions

Note fractions for quantise & time-shift functions separated from time-sig,

so 1/3, 1/5, 1/6 etc re-added (removed in v6.38); time-sig values remain as powers of 2

TimeShift forwards command no longer pauses seq(s) till next cycle

Reset command aborts seq(s) immediately instead of waiting for end of cycle

Embedded prog changes now allowed when recording seqs, but with limited support;
displayed prog values do not track embedded changes.

Port renaming simplified, with auto-abbreviation for long device names

Main menu 'Display' renamed as 'View'

Added View, Width menu option to toggle display width

Added View, Pause & Clear menus to diagnostics window

Metr note & velocity screen value hidden if no audible metronome seq nominated

Built-in drum patterns removed - not GM compatible

Misc bug fixes

6.40 28-Feb-2011

Fixed problem accessing help files in Win98 & WinME

6.38 27-Feb-2011

New run-time commands:

- Load & save scene for standard MIDI files

New menu commands:

- File, Load MIDI with drag & drop

- File, Save MIDI

- File, Open MIDI scene folder

- File, Load built-in patterns for beginners

- Config, Beginner's/Standard mode switch

 - Program stays in beginner's mode until mode changed & config saved

Config file changes:

- Last-used folders added for MIDI files, scenes, configs etc.

- BeginnersMode added

- Key map entries no longer mandatory; default to unused

- Details for merging old keymaps added

Documentation:

- Guides split into smaller files

- User-Guide renamed Overview

- Command Guide renamed Command Reference

- (please delete redundant files User-Guide.pdf and Command-Guide.pdf)

Misc:

- Quantise frac's changed to multiples of 2 for std MIDI file compatibility, added 1/64

- Ticks per beat changed for std MIDI file compatibility

- Fixed some issues with prog-change handling

- Load & save commands added to factory keyboard templates

- New beginner's template added for use with Quick Start & Tutorial

- Thanks to Adrian Rawson for beginner ideas

- Added seq/part dump button to diagnostics window

- Close prompt logic changed for main & diag windows

- Fixed port-inc/dec wrap fault

6.22 26-Jan-2011 (beta)

New commands:

- part-n, part-inc, part-dec - each seq now has 9 parts

rec-nn - record 'nn' notes from raw input ports (experimental)
port-inc, port-dec - inc/dec current port number

Modified commands:

reset mutes seqs immediately (if running)
Seqs no longer have to be stopped for prog commands

Removed commands:

Cyclic-0 functions removed

New command value modifiers:

cyclic (/) - enter pair of values for on/off cycle counts for cyclic commands,
e.g. play-mute-n, /, 3, 1 plays for 3 cycles, then mutes for 1.
sweep1 (-->), sweep2 (<-->) - enter pair of values to define start & end of auto-inc/dec
of current values at each cycle,
e.g. vel, -->, 2, 7 sweeps velocity from 2 to 7 (ditto for chan, prog, tempo, part).

Recording:

No. of input ports increased to 9 for non-interpreted raw recording (experimental)
Now records all midi events except ProgChanges
Added MIDI start/stop/continue support

Playback:

Added MIDI start/stop/continue support

Diagnostics:

Added notes & sync options to midi tracing
Added Qwerty kbd input for testing systems with no MIDI input

Config file changes:

Default config file now saved in %AppData% folder (for Vista & Win 7)
Configs & logs now use %UserProfile% as default folder
Due to no. of changes, old config files no longer supported (sorry!)

Menu changes:

Added Load, View/Edit, Delete default config file (no need to specify SeqDefaults)
Added View/Edit config file
Preload pattern commands moved from Config to File menu
Display options moved from Config to new Display menu
Added Display options: DspSolidTracks, DspMidiActivity

Misc:

Fixed initial seq states if MaxActiveSeqs increased
Fixed Preload Test Seqs not working immediately after startup
Prog-change control moved to new display column
Port name column widths reduced; use rename option when allocating ports
Refs to 'Mk II' removed from all docs
Thanks again to TonE for his thoughts & ideas
Credits added to Help, About

5.08 27-Nov-2010

Fixed error loading non-UK config files

Fixed spurious diag overflow messages if diag off

Changed handling of incoming prog change messages in live mode:-

- Echoed on original channel if prog changes enabled
- Suppressed if prog changes disabled

5.07 26-Nov-2010

Fixed displayed seq length not resetting to 0 if recording rests aborted

Added more diagnostics to track problems with loading config file

5.06 21-Nov-2010

Fixed zero-divide crash if recording after all seqs & metr deleted

5.05 19-Nov-2010

Fixed stuck note on Port command

5.04 18-Nov-2010

Fixed on-screen config for NQ, SQ & TSign

Fixed key-mapper lights turning off prematurely

Fixed track progress marker resetting too early

Bar counter now resets when all seqs stopped

Added flash to warnings in status bar

Moved pre-load test pattern options from diag window to diag menu

Aligned factory key maps & templates for LE & Full versions to simplify docm

Added keyboard diagrams to clarify Quick Start & Tutorial

Display status changes (all options switchable via Config menu & file)

Added keyboard mode colours to match template

Added seq length indicators

- Numerical value based on bars & SQ beats
- Grid markers on track lanes based on time-sig and SQ

Config file changes

Key defs can now be numeric 0-127 as well as note-octave names

Improved error reporting for invalid key defs

Options added:

- KeyDefsNumeric to save key defs in preferred format
- DspSeqLen & DspSeqGrid for seq length indicators
- DspKModeTitleColours & DspKModeInputColours for keyboard mode colours
- TempoIncrement for use with Incr & Decr

New commands

- ProgInc/Dec, ChanInc/Dec, PitchInc/Dec - for incrementing/decrementing values
- NQ0, 4, 8, 16 for quick changes to note quantise
- Generic Incr & Decr added to digit range for Prog, Chan, Vel & Tempo

Thanks again to TonE for many of the above suggestions

5.01 2-Nov-2010

Quantise issues

Fixed anomalies in 4.19

Added on-screen option to enable/disable quantise note-offs
(will make it a run-time command if there is call for it)

Beat lengths restricted to factors of bar ticks to avoid rounding errors

Fixed stuck note on Record cmd key if recording aborted

Tap tempo uses beats, not crotchets; switchable via config

CmdK command renamed as Calib(rate) to avoid confusion with Cmd key

Last command no longer displays rejected commands
Added Save Config option to close-down prompt
Demo version replaced by LE (Limited Edition)
 LE fully usable but with less seqs & commands
 Fixed: loading LE config files into full version
Docm updated
 Quick Start split from Tutorial
 Standardised to PDF with colour screen-shots
 Word macro generates coloured templates & includes blanks
 Embedded plain-text Help docm removed
 Help opens external files, so PDF viewer required
 Zip/Exe package includes all docm
Factory defaults changed:-
 Note quantise changed from off to 1/8
 1/32, 1/48 & 1/60 keys mapped for Time & Quantise ranges
 Extra Calib command mapped to B0 (one below Cmd) for safety
 Mute2 added to record mode to demonstrate 'stop/play' keys potential

4.19 17-Oct-2010

Note quantise can be switched off (suggested by TonE from various forums)
Quantise command quantises seq length & notes separately
TimeShift commands use own parameter/range instead of Q value
On-screen config added for Metr bar & beat velocities
Added flash to pending TSig & Q values
Last command displayed
Stop button renamed as Config
Load config now ignores duplicate keys in Ignore list
Changes displayed if out-of-date config file loaded
Demo Limits menu item moved to Help,About

4.18 10-Oct-2010

Demo time limit removed
Config file compatibility error message clarified
Fixed Seq nos. sort order in KeyMapper
Fixed prog-change nos. display; now all 0-based
Fixed prog-change applied to selected seqs

4.17 30-Jul-2010

Fixed Quantise when recording stopped
Fixed Key mapper not handling origin changes properly
Fixed key mapper not working for commands Mute4,8,16,32 & Play
Fixed Port command range
Added cyclic commands PlayMuteX, MutePlayX, PlayMuteTogX for repeating Play/Mute every X cycles
Added cyclic PitchX command to apply/remove offset every X cycles
Added RecMute function to allow recorded seqs to be 'parked' till later
Added individual double-press timer controls to config file
Main screen centralised if autorun
Keymapper window adjusted for 800-wide screens
System sleep/suspend suppressed while in run mode
Mute command now starts seqs in muted mode
UnMute command removed as no longer required - same as Play

KeyMapper keymode display clarified
Config file backwards compatability restarted at 4.17

4.13 17-Jul-2010

Fixed Esc: no longer deletes seq if nothing recorded
Terminology clarified; live Esc function now called live Cmd
Added CmdK command to provide run-time calibrate function
Removed run-time Octave Up/Down commands as CmdK easier to use
Fixed Cmd key calibration; no longer assumes bottom C
Double-press interval now in config file & can be turned off if reqd.

4.11 13-Jul-2010

Fixed Mute & PitchLock states retained when stopped
Fixed UserGuide window maximise function
Fixed Prog/patch nos. now all 0-based (0-127)
Added TempoSlew command
Added Octave Up/Down commands so keymaps can track keyboards
Added TapTempo option for setting Tempo
Mods to make it easier getting started:-
Default key maps changed/clarified, 'Mode' key now called 'Esc'
Default metronome now Seq1 (common to both demo & full versions)
Added Calibrate button to align keymaps with keyboards
Added new section to Command Guide explaining command values
Quick start guide clarified

4.08 7-Jul-2010

Added interactive key mapper

4.06 4-Jul-2010

Fixed config file error messages & line no.
Added QuickStart guide under Help menu, and as separate docm.

4.05 2-Jul-2010

Fixed quantise sync for multi-seq recording
Added TimeShiftForwards & TimeShiftBackwards commands
Added DeleteSeqs & ResetSeqs commands
Default PlayNN key map moved to C#5 in line with MuteNN

4.04 28-Jun-2010

Fixed stuck notes if live output on different port/channel
Fixed spurious note-offs if port/channel changed

4.03 28-Jun-2010

Fixed RecPlay quantisation
Added delay parameter for turnkey operation, e.g. if USB drivers slow to start

4.01 25-Jun-2010

Options added: External sync, Midi Clocks out, Tempo slew rate
Fixed stuck notes switching from Record to Live

3.19 19-Jun-2010

UserGuide corrected - wrong note in Record Example section

3.18 19-Jun-2010

Fixed play/mute repeat count handling
Fixed port names wrong if deallocated ports re-ordered
Fixed diag window not updating if diag close aborted
Some Diag msgs uprated to Warnings to show on screen
Misc cosmetic mods

3.17 16-Jun-2010

Fixed MuteN sticking in Mute
Corrected 3.15 mod re. visible metronome, 1st beat for odd time sigs

3.16 13-Jun-2010

PlayN seqs now change to PlayMute when finished instead of stopping
Play & Record examples added to User Guide

3.15 10-Jun-2010

Multi-port system fixed; port allocation/naming options added
Seqs increased to 16 for full version; demo increased to 4
Track progress display now realtime
Commands added: PlayN, MuteN and variations
Rests allowed at start of recordings
Seq start quantise aligned with metronome (bar) where possible
Prog change handling improved
Window width now adjustable
Error & warning messages now show in status bar
Fixed Metr beat 1 not always appearing on the left

2.79 9-May-2010

Fixed not shifting pitch-locked seqs
Fixed quantise value not changing from default 1/8 notes
Fixed spurious note-offs when switching from command to live modes
Fixed handling of note-off's received as note-on's with vel 0
Fixed vel changes not working
Fixed auto-load & run, added default config file option
Visible metronome now runs all the time, independent from nominated seq
Seq & metronome start times now quantised
SyncTog command withdrawn; console config only
Added Save key maps to file option
Screen redesigned & width reduced to fit 800x600 screens
Added on-screen config controls

2.47 26-Apr-2010

Added menu Help, Command guide
Commands added: Pitch lock/unlock, Mute toggle, Vel
Command PlayTog withdrawn; use MuteTog instead
Fixed pitch-shift for locked seqs

2.46 25-Apr-2010

Fixed Deselect-Seqs command (shouldn't return to Live)
Fixed multi-output drop-down boxes repositioning after load config.
Display tidied up; hints clarified

Config file validation improved
Seq Tempo code removed for now - needs thinking through!
Mods history moved from User Guide to Help menu

2.42 24-Apr-2010 'Demo build'

Fixed basic quantisation during record; will enhance later

2.40 23-Apr-2010 'Demo build'

Default keymaps corrected to match downloadable keyboard template

2.39 23-Apr-2010 'Demo build'

More diagnostics added, overload indicator lights added
Pitch Origin command changed to Transpose

2.37 21-Apr-2010 'Demo build'

Sequence buffer sizes increased
Demo timeout added
Help, Demo limits menu added
Seq selection clarified
PitchOrigin command added and added to display
Pitch shift fixed if recording onto a shifted seq
Fixed stuck notes when switching between modes
Visible metronome reset when stopped
Fixed MetrN note velocities

2.34 20-Apr-2010 'Demo build'

Lots of misc fixes/tidy-ups
More info & options added to config file (click Config, Save... to view)
Fixed spurious 'No MIDI outputs' message
Default config value for pitch origin key changed from C3 to C4 (more practical for 5-octave keyboards)
References to note flats changed to sharps
Key names simplified in config file
Online help updated (contains a copy of this docm)
User-controlled MaxActiveSeqs added
Max sequences limited for demo builds
More commands added: Mute/Unmute, MetN
Metronome/timing system revamped

2.23 15-Apr-2010 'Test build'

Diagnostics moved to own window; MIDI input logging added.
Quantise command key now interpreted, but operation needs tweaking.
Keymap display added. Online help added.
Metronome added temporarily to Seq1 similar to Mk I version, but the whole metronome & synchronising system is under review for Mk II.

2.14 12-Apr-2010 'Test build'

Added tempo, pitchmode & channel commands, and multi-port operation.
(PitchMode suggested for Mk I by Nicky Bendix from YouTube)

2.00 8-Apr-2010 'Test build'

First release for testing; basic record, play & pitch commands ok, no quantise.