MB SEQ functions - quick reference

Detailed info for options and functions is available at
http://www.ucapps.de/midibox_seq_manual_m.html
Print-friendly (on two A4 sheets) xls version available here mbseq_prn_.zip

#	Function	Description / Options
Dedicated button functions *(these can vary depending on panel design and MBSEQ_HW.V4 file)*		
1	**Pattern** 1,2,3,4	Select pattern/track group - G1, G2, G3, G4
2	**Track** 1,2,3,4	Select track within track group - T1, T2, T3, T4. 16 tracks are available in total
3	**Trigger layer** A,B,C	Select trigger layer A or B or C. Holding C opens trigger layer selection menu and allows to select others `| Gate | Acc | Roll | Glide | Skip | R.G(random gate) | R.V(random value) | No FX |`
4	**Parameter layer** A,B,C	Select parameter layer A and B. C switches between C & D or with *Press&Hold* open parameter layer selection menu and to select others. Four parameter layers available by default, but CC, Pitch, Prob, Delay can be added via trigger selection menu *(?)* Fix Me! `| Note | Vel | Length | Roll |`
5	**Step View**	View and select steps if more than 16 are used `| 1..16 | 17..32 | ...etc`
6	**Pattern**	Select/load pattern/track group G1, G2, G3, G4 from SD memory location
7	**Song**	Select song parameters `| Song # | Position | Action{Stop; x1..x16; Jump Pos; Jump Song; Mixer; Tempo; Mutes} || Select patterns: G1,G2,G3,G4 |`
8	**Edit**	Enter edit mode to edit parameter layer step values and set trigger layer steps
9	**Mute**	Quickly mute/unmute tracks 1...16
10	**Solo**	Solo current track
11	**←/→** *(Left/Right)*	Move cursor position. *Left* has limited usage
12	**+/-** *(Inc/Dec)*	Same as *Jog Dial* encoder - increases/decreases the current value
13	**Exit**	Quickly exit to top (Session) menu. `| (return to previous menu) | Mute Tracks | Open | Save | Save as | New | Info |`

#	Function	Description / Options
14	**Select**	*(Press&Hold)* Select steps to be controlled by *All* function. *Select* brings additional options in several other menus as well
15	**All**	Edit all selected steps set with *Select* function
16	**Copy**	Copy steps from selected # to #. Step # can be edited by *Select* function
17	**Paste**	Paste copied steps starting from # step. Step # can be edited by *Select* function
18	**F1** *(Clear)*	*(Press&Hold)* Wipe selected track. Other functions can be assigned in MBSEQ_HW.V4 file
19	**F2** *(Select track)*	*(Press&Hold)* Select track. Other functions can be assigned in MBSEQ_HW.V4 file
20	**F3** *(Select parameter layer)*	*(Press&Hold)* Select parameter layer A,B,C,D...etc. Other functions can be assigned in MBSEQ_HW.V4 file
21	**F4** *(Select trigger layer)*	*(Press&Hold)* Select/assign trigger layer 1..8. Other functions can be assigned in MBSEQ_HW.V4 file
22	**Rec**	Open record menu `  | Track # | Record{Live; Step} | Mode{Mono; Poly} | AStart{on; off} | Step # | TglGate || Port # | Chn # |`
23	«	Rewind. Active only in song mode
24	**Stop**	Stop playback and reset position to beginning
25	**Play**	Start playback of patterns/song
26	**Pause**	Halt/resume playback
27	»	Forward. Active only in song mode
28	**Metronome**	Toggle metronome on/off
29	**Fast**	Activate *Fast* mode for quicker value selection with encoders. Speed options for *Fast* can be changed in MBSEQ_HW.V4 file
30	**Scrub**	*(Press&Hold) + Jog Wheel* dynamically change actual position
Menu functions		
31	**Menu+Scrub**	Toggle loop mode on/off
32	**Menu+Metronome**	External restart used to synchronize playback starting from next step

#	Function	Description / Options
33	**Menu+GP1** *(Mixer)*	Open mixer view for 16 tracks. 12 pages can be switched with +/-. An additional options available with *Select* button *More details?* Fix Me! `| Midi port | Midi channel | Prog change | Volume | Panorama | Reverb | Chorus | CC1 | CC2 | CC3 | CC4 |`
34	**Menu+GP2** *(Event)*	Open track setup editor `| Track # | Type{Note; Chord; CC; Drum} | Step # | ParL # | TrgL # | Port # | Chn # | Edit Name |`
35	**Menu+GP3** *(Mode)*	Open track mode editor `| Track # | Track on/off | Normal, Transpose, Arpeggiator |` `| Hold{on; off} | Sort{on; off} | Restart{on; off} | Scale{on; off} | Sustain{on; off} |`
36	**Menu+GP4** *(Direction)*	Open track playback direction editor `| Track # | Select playback mode: Forward, Backward, PingPong, Pendulum, Rand.Dir, Rand.Step, Rand.D+S |` `| Fwd # | Back # | Replay # | Repeat # | Skip # | Itv # | SyncM{yes; no} |`
37	**Menu+GP5** *(Divider)*	Open track clock divider setup editor `| Track # | Clock # | Divider{normal; triplet} | Sync to Measure{on; off} || Timebase selector: 1, 2, 4, 8 ..etc |`
38	**Menu+GP6** *(Length)*	Open track length editor `| Track # | Length # | Loop # || Quick length selection: 4, 8, 16 ..etc |`
39	**Menu+GP7** *(Transpose)*	Open track transpose editor `| Track # | Transpose selector: -7 oct ... +7 oct | -7 sem ... +7 sem |`
40	**Menu+GP8** *(Groove)*	Open track groove editor `| Track # | Groove style{off; shuffle ... etc} | Intensity # || Step # | Dly # | Len # | Vel # | Num Steps # |`
41	**Menu+GP9** *(Trigger)*	Open track trigger layer selection menu `| Gate | Acc | Roll | Glide | Skip | R.G(random gate) | R.V(random value) | No FX |`
42	**Menu+GP10** *(FX)*	Open FX editor `| Local{Echo; Hum; Limit; LFO} || Global{Loop; Scale} |` `·[Echo] | Track # | Repeats # | Delay # | Vel.Lev # || FB Velocity % | Note # | Gatelen % | Tcks % |` `·[Hum] | Track # | Intensity # | Note{on; off} | Vel/CC{on; off} | Length{on; off} |` `·[Limit] | Track # | Lower # | Upper # |` `·[LFO] | Track # | Wave{off; sine ..etc} | Amp # | Phs % | Steps # | Rst # | OneShot{on; off} |` `| Note{on; off} | Vel{on; off} | Len{on; off} | CC{on; off} | ExtraCC # | Offs # | PPQN #` `·[Loop] | Mode{all tracks / step view ..etc} | Offset # | Steps # | Loop{on; off]}` `·[Scale] | Control{global, G1, G2 ..etc} | Root{Keyb, C ...etc} | Selected scale{major; minor ...etc}`

#	Function	Description / Options
43	**Menu+GP11** *(Manual trigger)*	Manually trigger steps, *(Press&Hold)+Select* for sync to measure `| |` *options?* Fix Me!
44	**Menu+GP12** *(Morph)*	Open track morphing setup `| Track # | Mode{on; off} | Dst.Range # | Value # || Morphing control (also by CC1) |`

45	**Menu+GP13** *(BPM)*	Open BPM settings editor
		`| Mode{Auto; Slave; Master} | Preset # | Tempo # | Ramp sec. | Fire Preset | Preset Page |`
		`| MClk{USB1 ..etc} | In{-,on} | Out{-,on} | Din PPQN # | Ext.Restart | Tap Tempo |`

46	**Menu+GP14** *(Save)*	Open save patterns/tracks menu `| Group # | Location # | Target # | Save || Category | Label |`

47	**Menu+GP15** *(MIDI)*	Opens midi setup editor
		`·[Transpose and arp] Port # | Chn # | T/A Split{on; off} | Midd.Note # | Reset Stcks`
		`·[Section Control] Port # | Chn # | G1 # | G2 # | G3 # | G4 # | Fwd port | Reset Stcks`
		`·[Midi Router] Node # | In port | Chn # | Out port | Chn # | Default Port`
		`·[Misc] BLM_Scalar port{on; off} | Midi Monitor`

48	**Menu+GP16** *(SysEx)*	SysEx operations *Options?* Fix Me!
Utility functions		
49	**Utility+GP1** *(Track Select)*	Select active track
50	**Utility+GP2** *(Copy)*	Copy steps from selected # to #. Step # can be edited by *Select* function
51	**Utility+GP3** *(Paste)*	Paste copied steps starting from # step. Step # can be edited by *Select* function
52	**Utility+GP4** *(Clear)*	Wipe the track. **No options - Wipes the track instantly!!!**
53	**Utility+GP5** *(Move)*	Move selected steps (like copy and paste together)
54	**Utility+GP6** *(Scroll)*	Scroll the steps across
55	**Utility+GP7** *(Random)*	Generates random events `| Track # | Generate | Clr | Util | Undo || LayerA # | LayerB # | LayerC # | TrgA # | Trg B # | Trg C # |`
56	**Utility+GP8** *(Undo)*	Undo last *Paste, Clear, Move, Scroll, Random* operation
57	**Utility+GP9** *(Save)*	Open save menu `| Group # | Location # | Target # | Save || Category | Label |`
58	**Utility+GP10** *(Record)*	Open record menu `| Track # | Record{Live; Step} | Mode{Mono; Poly} | AStart{on; off} | Step # | TglGate || Port # | Chn # |`

#	Function	Description / Options
59	**Utility+GP11** *(Mixer)*	Open mixer view for 16 tracks. 12 pages can be switched with +/-. An additional options available with *Select* button *More details?* Fix Me! `| Midi port | Midi channel | Prog change | Volume | Panorama | Reverb | Chorus | CC1 | CC2 | CC3 | CC4 |`
60	**Utility+GP12** *(Options)*	Open options menu `| Measure # | Pattern # | SyncChange (on, off) | Paste/Clr steps |` `| Remote{auto;client;server} | ID # | Port # | Request connection{no} |`
61	**Utility+GP13** *(Port Mute)*	Access output port muting menu `| Def | USB1 | USB2 ...etc... AOUT | Bus1 | Bus2 |`
62	**Utility+GP14** *(Disk)*	Open disk menu `MSD USB{disabled; enabled/Pres&Hold/} | Midi files{import; export; play}`
63	**Utility+GP15** *(Mute)*	Quick mute of all tracks/channels
64	**Utility+GP16** *(Unmute)*	Quick unmute of all tracks/channels

To do:

- check descriptions and options for all functions in this quick reference
- fix/complement all “fixme” issues
- add *highlight* and *fontcolor* [http://www.dokuwiki.org/plugin:fontcolor] plugins so that font/background color of the options can be changed

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