








# MB SEQ functions - quick reference

Detailed info for options and functions is available at  
[http://www.ucapps.de/midibox\\_seq\\_manual\\_m.html](http://www.ucapps.de/midibox_seq_manual_m.html)

#	Function	Description / Options
<b>Dedicated button functions (these can vary depending on panel design and MBSEQ_HW.V4 file)</b>		
1	<b>Pattern</b> 1,2,3,4	Select pattern/track group - G1, G2, G3, G4
2	<b>Track</b> 1,2,3,4	Select track within track group - T1, T2, T3, T4. 16 tracks are available in total
3	<b>Trigger layer</b> 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	<b>Parameter layer</b> A,B,C	Select parameter layer A and B. C switches between C & D or with <i>Pressed&amp;Hold</i> open parameter layer selection menu and allows to select others. Four parameter layers available by default, but CC, Pitch, Prob, Delay can be added via trigger selection menu (?)    Note   Vel   Length   Roll
5	<b>Step View</b>	View and select steps if more than 16 are used   1..16   17..32   ...etc
6	<b>Pattern</b>	Select/load pattern/track group G1, G2, G3, G4 from SD memory location
7	<b>Song</b>	Select song parameters   Song #   Position   Action{Stop; x1..x16; Jump Pos; Jump Song; Mixer; Tempo; Mutes}    Select patterns: G1,G2,G3,G4
8	<b>Edit</b>	Enter edit mode to edit parameter layer step values and set trigger layer steps
9	<b>Mute</b>	Quickly mute/unmute tracks 1...16
10	<b>Solo</b>	Solo current track
11	←/→ (Left/Right)	Move cursor position. <i>Left</i> has limited usage
12	+/- (Inc/Dec)	Same as <i>Jog Dial</i> encoder - increases/decreases the current value
13	<b>Exit</b>	Quickly exit to top menu
14	<b>Select</b>	( <i>Press&amp;Hold</i> ) Select steps to be controlled by <i>All</i> function. <u>Obviously has usage in other situations as well (which?)</u> 

#	Function	Description / Options
15	<b>All</b>	Edit all selected steps set with <i>Select</i> function
16	<b>Copy</b>	Copy steps from selected # to #. Step # can be edited by <i>Select</i> function
17	<b>Paste</b>	Paste copied steps starting from # step. Step # can be edited by <i>Select</i> function
18	<b>F1</b> (Clear)	(Press&Hold) Wipe selected track. Other functions can be assigned in MBSEQ_HW.V4 file
19	<b>F2</b> (Select track)	(Press&Hold) Select track. Other functions can be assigned in MBSEQ_HW.V4 file
20	<b>F3</b> (Select parameter layer)	(Press&Hold) Select parameter layer A,B,C,D...etc. Other functions can be assigned in MBSEQ_HW.V4 file
21	<b>F4</b> (Select trigger layer)	(Press&Hold) Select/assign trigger layer 1..8. Other functions can be assigned in MBSEQ_HW.V4 file
22	<b>Rec</b>	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	<b>Stop</b>	Stop playback and reset position to beginning
25	<b>Play</b>	Start playback of patterns/song
26	<b>Pause</b>	Halt/resume playback
27	»	Forward. Active only in song mode
28	<b>Metronome</b>	Toggle metronome on/off
29	<b>Fast</b>	Activate <i>Fast</i> mode for quicker value selection with encoders. Speed options for <i>Fast</i> can be changed in MBSEQ_HW.V4 file
30	<b>Scrub</b>	(Press&Hold) + <i>Jog Wheel</i> dynamically change actual position
<b>Menu functions</b>		
31	<b>Menu+Scrub</b>	Toggle loop mode on/off
32	<b>Menu+GP1</b> (Mixer)	Open mixer view for 16 tracks. 12 pages can be switched with +/- . An additional options available with <i>Select</i> button <a href="#">More details?</a>    Midi port   Midi channel   Prog change   Volume   Panorama   Reverb   Chorus   CC1   CC2   CC3   CC4
33	<b>Menu+GP2</b> (Event)	Open track setup editor   Track #   Type{Note; Chord; CC; Drum}   Step #   ParL #   TrgL #   Port #   Chn #   Edit Name

#	Function	Description / Options
34	<b>Menu+GP3</b> (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}
35	<b>Menu+GP4</b> (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}
36	<b>Menu+GP5</b> (Divider)	Open track clock divider setup editor   Track #   Clock #   Divider{normal; triplet}   Sync to Measure{on; off}    Timebase selector: 1, 2, 4, 8 ..etc
37	<b>Menu+GP6</b> (Length)	Open track length editor   Track #   Length #   Loop #    Quick length selection: 4, 8, 16 ..etc
38	<b>Menu+GP7</b> (Transpose)	Open track transpose editor   Track #   Transpose selector: -7 oct ... +7 oct   -7 sem ... +7 sem
39	<b>Menu+GP8</b> (Groove)	Open track groove editor   Track #   Groove style{off; shuffle ... etc}   Intensity #    Step #   Dly #   Len #   Vel #   Num Steps #
40	<b>Menu+GP9</b> (Trigger)	Open track trigger layer selection menu   Gate   Acc   Roll   Glide   Skip   R.G(random gate)   R.V(random value)   No FX
41	<b>Menu+GP10</b> (FX)	Open FX editor   Local{Echo; Hum; Limit; LF0}    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 #   ·[LF0]   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}
42	<b>Menu+GP11</b> (Manual trigger)	Manually trigger steps, (Press&Hold)+Select for sync to measure     <u>options?</u> 
43	<b>Menu+GP12</b> (Morph)	Open track morphing setup   Track #   Mode{on; off}   Dst.Range #   Value #    Morphing control (also by CC1)
44	<b>Menu+GP13</b> (BPM)	Open BPM settings editor <u>Options for In and Out?</u>    Mode{Auto; Slave; Master}   Preset #   Tempo #   Ramp sec.   Fire Preset   Preset Page     MClk{USB1 ..etc}   In (?)   Out (?)   Din PPQN #   Ext.Restart   Tap Tempo

#	Function	Description / Options
45	<b>Menu+GP14</b> (Save)	Open save menu   Group #   Location #   Target #   Save    Category   Label
46	<b>Menu+GP15</b> (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
47	<b>Menu+GP16</b> (SysEx)	SysEx operations <i>Options?</i> 
<b>Utility functions</b>		
48	<b>Utility+GP1</b> (Track Select)	Select active track
49	<b>Utility+GP2</b> (Copy)	Copy steps from selected # to #. Step # can be edited by <i>Select</i> function
50	<b>Utility+GP3</b> (Paste)	Paste copied steps starting from # step. Step # can be edited by <i>Select</i> function
51	<b>Utility+GP4</b> (Clear)	Wipe the track. <b>No options - Wipes the track instantly!!!</b>
52	<b>Utility+GP5</b> (Move)	Move selected steps (like copy and paste together)
53	<b>Utility+GP6</b> (Scroll)	Scroll the steps across
54	<b>Utility+GP7</b> (Random)	Generates random events   Track #   Generate   Clr   Util   Undo    LayerA #   LayerB #   LayerC #   TrgA #   Trg B #   Trg C #
55	<b>Utility+GP8</b> (Undo)	Undo last <i>Paste, Clear, Move, Scroll, Random</i> operation
56	<b>Utility+GP9</b> (Save)	Open save menu   Group #   Location #   Target #   Save    Category   Label
57	<b>Utility+GP10</b> (Record)	Open record menu   Track #   Record{Live; Step}   Mode{Mono; Poly}   AStart{on; off}   Step #   TglGate    Port #   Chn #
58	<b>Utility+GP11</b> (Mixer)	Open mixer view for 16 tracks. 12 pages can be switched with +/- . An additional options available with <i>Select</i> button <i>More details?</i>    Midi port   Midi channel   Prog change   Volume   Panorama   Reverb   Chorus   CC1   CC2   CC3   CC4
59	<b>Utility+GP12</b> (Options)	Open options menu   Measure #   Pattern #   SyncChange (on, off)   Paste/Clr steps   Remote{auto;client;server}   ID #   Port #   Request connection{no}
60	<b>Utility+GP13</b> (Port Mute)	Access output port muting menu   Def   USB1   USB2 ...etc... AOUT   Bus1   Bus2

#	Function	Description / Options
61	<b>Utility+GP14</b> (Disk)	Open disk menu MSD USB{disabled; enabled/Pres&Hold/}   Midi files{import; export; play}
62	<b>Utility+GP15</b> (Mute)	Quick mute of all tracks/channels
63	<b>Utility+GP16</b> (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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