

Notes about the MIDI implementation et al:

- Everything is transmitted as control changes on MIDI channel 1 at the moment - apologies - let me know if changing this is important to you - anyway, columns midiChannel and controlChange obvs
- Values (i.e. columns defaultValue and otherControlValueSet) represent how far a given value is between minimum and maximum - in the app they are being multiplied by 127 - e.g. Crossfader defaultValue 0.5 means right in the middle (grandma, suck eggs, etc.) - MIDI value = 63ish
- MIDI_Button is a momentary on / off control, whilst MIDI_Switch reverses the state the control is currently in
- META_Controls control other controls (see controlsOtherControl and otherControlValueSet columns) - these don't transmit MIDI - with the exception of...
- Deck_A/B_Safety buttons enable the Play and Cue functions so you can't accidentally start / stop play - if this is a pain in the @rse, let me know. These also send MIDI as they serve as 'modifiers' in Traktor Pro - when you press safety + master tempo, the tempo changes by 0.5 bpm instead of the normal 0.06. In addition, and this is device dependent, the safety button allows you to touch controls to reset them e.g. if the screensize you are using doesn't have kill / reset buttons, then the safety button allows you to set dial / fader controls to their default value.
- exclusiveGroup was just a way for me to group controls together internally e.g. when you select a new loop length, to ensure the one you were using is deselected
- You'll notice that the Folder/Track_Fast controls are the same as their 'slow' counterparts except for the buttonRepeats column - this is because those controls are just repeatedly triggering their CC messages until the button is released

ID	Screen	controlName	controlType	midiChannel	controlChange	defaultValue	controlsOtherControl	otherControlValueSet	otherControlType	enabledBySafety	exclusiveGroup	controlForDeck	buttonRepeats
1	Mixer	Deck_A_Gain	MIDI_Dial	1	50	0.5	N/A	N/A	N/A	N	N/A	A	N
2	Mixer	Deck_A_High_EQ	MIDI_Dial	1	51	0.5	N/A	N/A	N/A	N	N/A	A	N
3	Mixer	Deck_A_Mid_EQ	MIDI_Dial	1	52	0.5	N/A	N/A	N/A	N	N/A	A	N
4	Mixer	Deck_A_Low_EQ	MIDI_Dial	1	53	0.5	N/A	N/A	N/A	N	N/A	A	N
5	Mixer	Deck_A_Filter	MIDI_Dial	1	54	0.5	N/A	N/A	N/A	N	N/A	A	N
6	Mixer	Deck_B_Gain	MIDI_Dial	1	57	0.5	N/A	N/A	N/A	N	N/A	B	N
7	Mixer	Deck_B_High_EQ	MIDI_Dial	1	58	0.5	N/A	N/A	N/A	N	N/A	B	N
8	Mixer	Deck_B_Mid_EQ	MIDI_Dial	1	59	0.5	N/A	N/A	N/A	N	N/A	B	N
9	Mixer	Deck_B_Low_EQ	MIDI_Dial	1	60	0.5	N/A	N/A	N/A	N	N/A	B	N
10	Mixer	Deck_B_Filter	MIDI_Dial	1	61	0.5	N/A	N/A	N/A	N	N/A	B	N
11	Mixer	Deck_A_Gain_Kill	META_Control	N/A	N/A	N/A	Deck_A_Gain	0	MIDI_Dial	N	N/A	A	N
12	Mixer	Deck_A_Gain_Reset	META_Control	N/A	N/A	N/A	Deck_A_Gain	0.5	MIDI_Dial	N	N/A	A	N
13	Mixer	Deck_A_High_Kill	META_Control	N/A	N/A	N/A	Deck_A_High_EQ	0	MIDI_Dial	N	N/A	A	N
14	Mixer	Deck_A_High_EQ_Reset	META_Control	N/A	N/A	N/A	Deck_A_High_EQ	0.5	MIDI_Dial	N	N/A	A	N
15	Mixer	Deck_A_Mid_EQ_Kill	META_Control	N/A	N/A	N/A	Deck_A_Mid_EQ	0	MIDI_Dial	N	N/A	A	N
16	Mixer	Deck_A_Mid_EQ_Reset	META_Control	N/A	N/A	N/A	Deck_A_Mid_EQ	0.5	MIDI_Dial	N	N/A	A	N
17	Mixer	Deck_A_Low_EQ_Kill	META_Control	N/A	N/A	N/A	Deck_A_Low_EQ	0	MIDI_Dial	N	N/A	A	N
18	Mixer	Deck_A_Low_EQ_Reset	META_Control	N/A	N/A	N/A	Deck_A_Low_EQ	0.5	MIDI_Dial	N	N/A	A	N
19	Mixer	Deck_A_Filter_Reset	META_Control	N/A	N/A	N/A	Deck_A_Filter	0.5	MIDI_Dial	N	N/A	A	N
20	Mixer	Deck_B_Gain_Kill	META_Control	N/A	N/A	N/A	Deck_B_Gain	0	MIDI_Dial	N	N/A	B	N
21	Mixer	Deck_B_Gain_Reset	META_Control	N/A	N/A	N/A	Deck_B_Gain	0.5	MIDI_Dial	N	N/A	B	N
22	Mixer	Deck_B_High_EQ_Kill	META_Control	N/A	N/A	N/A	Deck_B_High_EQ	0	MIDI_Dial	N	N/A	B	N
23	Mixer	Deck_B_High_EQ_Reset	META_Control	N/A	N/A	N/A	Deck_B_High_EQ	0.5	MIDI_Dial	N	N/A	B	N
24	Mixer	Deck_B_Mid_EQ_Kill	META_Control	N/A	N/A	N/A	Deck_B_Mid_EQ	0	MIDI_Dial	N	N/A	B	N
25	Mixer	Deck_B_Mid_EQ_Reset	META_Control	N/A	N/A	N/A	Deck_B_Mid_EQ	0.5	MIDI_Dial	N	N/A	B	N
26	Mixer	Deck_B_Low_EQ_Kill	META_Control	N/A	N/A	N/A	Deck_B_Low_EQ	0	MIDI_Dial	N	N/A	B	N
27	Mixer	Deck_B_Low_EQ_Reset	META_Control	N/A	N/A	N/A	Deck_B_Low_EQ	0.5	MIDI_Dial	N	N/A	B	N
28	Mixer	Deck_B_Filter_Reset	META_Control	N/A	N/A	N/A	Deck_B_Filter	0.5	MIDI_Dial	N	N/A	B	N
29	Mixer	Crossfader	MIDI_Fader	1	49	0.5	N/A	N/A	N/A	N	N/A	N/A	N
30	Mixer	Deck_A_Volume	MIDI_Fader	1	55	0.0	N/A	N/A	N/A	N	N/A	A	N
31	Mixer	Deck_B_Volume	MIDI_Fader	1	56	0.0	N/A	N/A	N/A	N	N/A	B	N
32	Mixer	Deck_A_FilterFX_Inc	MIDI_Button	1	104	0.0	N/A	N/A	N/A	N	N/A	A	N
33	Mixer	Deck_A_FilterFX_Dec	MIDI_Button	1	103	0.0	N/A	N/A	N/A	N	N/A	A	N
34	Mixer	Deck_B_FilterFX_Inc	MIDI_Button	1	106	0.0	N/A	N/A	N/A	N	N/A	A	N
35	Mixer	Deck_A_FilterFX_Dec	MIDI_Button	1	105	0.0	N/A	N/A	N/A	N	N/A	A	N
36	Mixer	Deck_A_Tempo_Bend_Down	MIDI_Button	1	72	0.0	N/A	N/A	N/A	N	N/A	A	N
37	Mixer	Deck_A_Tempo_Bend_Up	MIDI_Button	1	73	0.0	N/A	N/A	N/A	N	N/A	A	N
38	Mixer	Deck_B_Tempo_Bend_Down	MIDI_Button	1	74	0.0	N/A	N/A	N/A	N	N/A	B	N
39	Mixer	Deck_B_Tempo_Bend_Up	MIDI_Button	1	75	0.0	N/A	N/A	N/A	N	N/A	B	N
40	Mixer	Master_Tempo_Inc	MIDI_Button	1	70	0.0	N/A	N/A	N/A	N	N/A	N/A	N
41	Mixer	Master_Tempo_Dec	MIDI_Button	1	71	0.0	N/A	N/A	N/A	N	N/A	N/A	N
42	Mixer	Deck_A_x2	MIDI_Switch	1	85	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
43	Mixer	Deck_A_x4	MIDI_Switch	1	86	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
44	Mixer	Deck_A_x16	MIDI_Switch	1	87	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
45	Mixer	Deck_A_x32	MIDI_Switch	1	88	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
46	Mixer	Deck_B_x2	MIDI_Switch	1	93	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
47	Mixer	Deck_B_x4	MIDI_Switch	1	92	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N

ID	Screen	controlName	controlType	midiChannel	controlChange	defaultValue	controlsOtherControl	otherControlValueSet	otherControlType	enabledBySafety	exclusiveGroup	controlForDeck	buttonRepeats
48	Mixer	Deck_B_x16	MIDI_Switch	1	91	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
49	Mixer	Deck_B_x32	MIDI_Switch	1	90	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
50	Mixer	Deck_A_Monitor	MIDI_Switch	1	76	0.0	N/A	N/A	N/A	N	N/A	A	N
51	Mixer	Deck_B_Monitor	MIDI_Switch	1	77	0.0	N/A	N/A	N/A	N	N/A	B	N
52	Mixer	Deck_A_FX1	MIDI_Switch	1	62	0.0	N/A	N/A	N/A	N	N/A	A	N
53	Mixer	Deck_A_FX2	MIDI_Switch	1	63	0.0	N/A	N/A	N/A	N	N/A	A	N
54	Mixer	Deck_A_FX3	MIDI_Switch	1	64	0.0	N/A	N/A	N/A	N	N/A	A	N
55	Mixer	Deck_A_FX4	MIDI_Switch	1	65	0.0	N/A	N/A	N/A	N	N/A	A	N
56	Mixer	Deck_B_FX1	MIDI_Switch	1	66	0.0	N/A	N/A	N/A	N	N/A	B	N
57	Mixer	Deck_B_FX2	MIDI_Switch	1	67	0.0	N/A	N/A	N/A	N	N/A	B	N
58	Mixer	Deck_B_FX3	MIDI_Switch	1	68	0.0	N/A	N/A	N/A	N	N/A	B	N
59	Mixer	Deck_B_FX4	MIDI_Switch	1	69	0.0	N/A	N/A	N/A	N	N/A	B	N
60	Mixer	Deck_A_PlayPause	MIDI_Switch	1	80	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
61	Mixer	Deck_B_PlayPause	MIDI_Switch	1	83	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
62	Mixer	Deck_A_Loop	MIDI_Button	1	84	0.0	N/A	N/A	N/A	N	N/A	A	N
63	Mixer	Deck_B_Loop	MIDI_Button	1	89	0.0	N/A	N/A	N/A	N	N/A	B	N
64	Mixer	Deck_A_x8	MIDI_Switch	1	46	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
65	Mixer	Deck_B_x8	MIDI_Switch	1	45	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
66	Mixer	Deck_A_x1	MIDI_Switch	1	44	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
67	Mixer	Deck_B_x1	MIDI_Switch	1	43	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
68	Mixer	Deck_A_x1/2	MIDI_Switch	1	42	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
69	Mixer	Deck_B_x1/2	MIDI_Switch	1	41	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
70	Mixer	Deck_A_x1/4	MIDI_Switch	1	40	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
71	Mixer	Deck_B_x1/4	MIDI_Switch	1	39	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
72	Mixer	Deck_A_x1/8	MIDI_Switch	1	38	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
73	Mixer	Deck_B_x1/8	MIDI_Switch	1	37	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
74	Mixer	Deck_A_x1/16	MIDI_Switch	1	36	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
75	Mixer	Deck_B_x1/16	MIDI_Switch	1	35	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
76	Mixer	Deck_A_x1/32	MIDI_Switch	1	34	0.0	N/A	N/A	N/A	N	loopButtonsGroup	A	N
77	Mixer	Deck_B_x1/32	MIDI_Switch	1	33	0.0	N/A	N/A	N/A	N	loopButtonsGroup	B	N
78	Mixer	Deck_A_Safety	META_Control	1	78	0.0	N/A	N/A	safetyGroup	N	safetyGroup	N/A	N
79	Mixer	Deck_B_Safety	META_Control	1	79	0.0	N/A	N/A	safetyGroup	N	safetyGroup	N/A	N
80	Mixer	Deck_A_CUE1	MIDI_Button	1	81	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
81	Mixer	Deck_B_CUE1	MIDI_Button	1	82	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
82	Mixer	Deck_A_CUE2	MIDI_Button	1	30	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
83	Mixer	Deck_B_CUE2	MIDI_Button	1	29	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
84	Mixer	Deck_A_CUE3	MIDI_Button	1	28	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
85	Mixer	Deck_B_CUE3	MIDI_Button	1	27	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
86	Mixer	Deck_A_CUE4	MIDI_Button	1	26	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
87	Mixer	Deck_B_CUE4	MIDI_Button	1	25	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
88	Mixer	Deck_A_CUE5	MIDI_Button	1	24	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
89	Mixer	Deck_B_CUE5	MIDI_Button	1	23	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
90	Mixer	Deck_A_CUE6	MIDI_Button	1	22	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
91	Mixer	Deck_B_CUE6	MIDI_Button	1	21	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
92	Mixer	Deck_A_CUE7	MIDI_Button	1	20	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
93	Mixer	Deck_B_CUE7	MIDI_Button	1	19	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
94	Mixer	Deck_A_CUE8	MIDI_Button	1	18	0.0	N/A	N/A	N/A	Y	safetyGroup	A	N
95	Mixer	Deck_B_CUE8	MIDI_Button	1	17	0.0	N/A	N/A	N/A	Y	safetyGroup	B	N
96	Browser	Folder_Up	MIDI_Button	1	94	0.0	N/A	N/A	N/A	N	N/A	N/A	N
97	Browser	Folder_Down	MIDI_Button	1	95	0.0	N/A	N/A	N/A	N	N/A	N/A	N
98	Browser	Folder_Collapse	MIDI_Button	1	97	0.0	N/A	N/A	N/A	N	N/A	N/A	N
99	Browser	Folder_Expand	MIDI_Button	1	98	0.0	N/A	N/A	N/A	N	N/A	N/A	N
100	Browser	Folder_Jump2Prep	MIDI_Button	1	108	0.0	N/A	N/A	N/A	N	N/A	N/A	N
101	Browser	Track_Up	MIDI_Button	1	99	0.0	N/A	N/A	N/A	N	N/A	N/A	N
102	Browser	Track_Down	MIDI_Button	1	100	0.0	N/A	N/A	N/A	N	N/A	N/A	N
103	Browser	Track_LoadA	MIDI_Button	1	101	0.0	N/A	N/A	N/A	N	N/A	N/A	N
104	Browser	Track_LoadB	MIDI_Button	1	102	0.0	N/A	N/A	N/A	N	N/A	N/A	N
105	Browser	Track_Add2Prep	MIDI_Button	1	109	0.0	N/A	N/A	N/A	N	N/A	N/A	N
106	Browser	Folder_Fast_Up	MIDI_Button	1	94	0.0	N/A	N/A	N/A	N	N/A	N/A	Y
107	Browser	Folder_Fast_Down	MIDI_Button	1	95	0.0	N/A	N/A	N/A	N	N/A	N/A	Y
108	Browser	Track_Fast_Up	MIDI_Button	1	99	0.0	N/A	N/A	N/A	N	N/A	N/A	Y
109	Browser	Track_Fast_Down	MIDI_Button	1	100	0.0	N/A	N/A	N/A	N	N/A	N/A	Y