

Audiothingies P6 MIDI CC Map (v2.0)

#CC								
Dec	Bin	Hex	General MIDI	CC 2.0	Dec	NRPN		
0	0	0	Bank Select	Bank Select	0	P_NOT_ASSIGNED		
1	1	1	Modulation Wheel or Lever	Modulation wheel	1	P_PATCHNAME_0		
2	10	2	Breath Controller	P_NOT_ASSIGNED	2	P_PATCHNAME_1		
3	11	3	Undefined	P_GLOBALS_EQ_CUTOFF	3	P_PATCHNAME_2		
4	100	4	Foot Controller	P_NOT_ASSIGNED	4	P_PATCHNAME_3		
5	101	5	Portamento Time	P_GLOBALS_GLIDE	5	P_PATCHNAME_4		
6	110	6	Data Entry MSB	P_NOT_ASSIGNED	6	P_PATCHNAME_5		
7	111	7	Channel Volume (formerly Main Volume)	P_NOT_ASSIGNED	7	P_PATCHNAME_6		
8	1000	8	Balance	P_NOT_ASSIGNED	8	P_PATCHNAME_7		
9	1001	9	Undefined	P_OSCS_TRANSPOSE	9	P_OSC1_ALGORITHM		
10	1010	0A	Pan	P_NOT_ASSIGNED	10	P_OSC2_ALGORITHM		
11	1011	0B	Expression Controller	P_NOT_ASSIGNED	11	P_SUB_WAVEFORM		
12	1100	0C	Effect Control 1	P_DELAY_TIME	12	P_SUB_OCTAVE		
13	1101	0D	Effect Control 2	P_DELAY_FEEDBACK	13	P_FILTER_TYPE		
14	1110	0E	Undefined	P_FX_SPEED	14	P_FILTER_KBD_TRACKING		
15	1111	0F	Undefined	P_FX_DEPTH	15	P_ENV1_TYPE		
16	10000	10	General Purpose Controller 1	P_NOT_ASSIGNED	16	P_ENV1_RESET		
17	10001	11	General Purpose Controller 2	P_NOT_ASSIGNED	17	P_ENV2_TYPE		
18	10010	12	General Purpose Controller 3	P_NOT_ASSIGNED	18	P_ENV2_RESET		
19	10011	13	General Purpose Controller 4	P_NOT_ASSIGNED	19	P_ENV3_TYPE		
20	10100	14	Undefined	P_FX_BALANCE	20	P_ENV3_RESET		
21	10101	15	Undefined	P_FX_CUTOFF	21	P_LFO1_WAVEFORM		
22	10110	16	Undefined	P_OSC1_FINETUNE	22	P_LFO1_RATE		EXTENDED + SYNC CONTROL
23	10111	17	Undefined	P_OSC1_MODIFIER	23	P_LFO1_DELAY		EXTENDED + SYNC CONTROL
24	11000	18	Undefined	P_OSC1_LFO1_AMOUNT	24	P_LFO1_PHASE		
25	11001	19	Undefined	P_OSC1_MIX	25	P_LFO1_KEY_SYNC		
26	11010	1A	Undefined	P_OSC2_RANGE	26	P_LFO2_WAVEFORM		
27	11011	1B	Undefined	P_OSC2_FINETUNE	27	P_LFO2_RATE		EXTENDED + SYNC CONTROL
28	11100	1C	Undefined	P_OSC2_MODIFIER	28	P_LFO2_DELAY		EXTENDED + SYNC CONTROL
29	11101	1D	Undefined	P_OSC2_LFO1_AMOUNT	29	P_LFO2_PHASE		
30	11110	1E	Undefined	P_OSC2_MIX	30	P_LFO2_KEY_SYNC		
31	11111	1F	Undefined	P_SUB_MIX	31	P_LFO3_WAVEFORM		
32	100000	20	LSB for Control 0 (Bank Select)	P_RINGMOD_MIX	32	P_LFO3_RATE		EXTENDED + SYNC CONTROL
33	100001	21	LSB for Control 1 (Modulation Wheel or Lever)	P_NOISE_COLOR	33	P_LFO3_DELAY		EXTENDED + SYNC CONTROL
34	100010	22	LSB for Control 2 (Breath Controller)	P_NOISE_MIX	34	P_LFO3_PHASE		
35	100011	23	LSB for Control 3 (Undefined)	P_AMP_DRIVE	35	P_LFO3_KEY_SYNC		
36	100100	24	LSB for Control 4 (Foot Controller)	P_NOT_ASSIGNED	36	P_PATCH1_SOURCE		

37	100101	25	LSB for Control 5 (Portamento Time)	P_NOT_ASSIGNED	37	P_PATCH1_DESTINATION
38	100110	26	LSB for Control 6 (Data Entry)	P_NOT_ASSIGNED	38	P_PATCH2_SOURCE
39	100111	27	LSB for Control 7 (Channel Volume, formerly Main Volume)	P_LFO_STEP1	39	P_PATCH2_DESTINATION
40	101000	28	LSB for Control 8 (Balance)	P_LFO_STEP2	40	P_PATCH3_SOURCE
41	101001	29	LSB for Control 9 (Undefined)	P_LFO_STEP3	41	P_PATCH3_DESTINATION
42	101010	2A	LSB for Control 10 (Pan)	P_LFO_STEP4	42	P_PATCH4_SOURCE
43	101011	2B	LSB for Control 11 (Expression Controller)	P_LFO_STEP5	43	P_PATCH4_DESTINATION
44	101100	2C	LSB for Control 12 (Effect control 1)	P_LFO_STEP6	44	P_PATCH5_SOURCE
45	101101	2D	LSB for Control 13 (Effect control 2)	P_LFO_STEP7	45	P_PATCH5_DESTINATION
46	101110	2E	LSB for Control 14 (Undefined)	P_LFO_STEP8	46	P_PATCH6_SOURCE
47	101111	2F	LSB for Control 15 (Undefined)	P_LFO_STEP_LENGTH	47	P_PATCH6_DESTINATION
48	110000	30	LSB for Control 16 (General Purpose Controller 1)	P_NOT_ASSIGNED	48	P_SCALER1_SOURCE
49	110001	31	LSB for Control 17 (General Purpose Controller 2)	P_NOT_ASSIGNED	49	P_SCALER1_DESTINATION
50	110010	32	LSB for Control 18 (General Purpose Controller 3)	P_NOT_ASSIGNED	50	P_SCALER2_SOURCE
51	110011	33	LSB for Control 19 (General Purpose Controller 4)	P_NOT_ASSIGNED	51	P_SCALER2_DESTINATION
52	110100	34	LSB for Control 20 (Undefined)	P_LFO1_RATE	52	P_SCALER3_SOURCE
53	110101	35	LSB for Control 21 (Undefined)	P_LFO1_DELAY	53	P_SCALER3_DESTINATION
54	110110	36	LSB for Control 22 (Undefined)	P_LFO1_ATTACK	54	P_LAG_SOURCE
55	110111	37	LSB for Control 23 (Undefined)	P_LFO3_RATE	55	P_FX_ALGORITHM
56	111000	38	LSB for Control 24 (Undefined)	P_LFO3_DELAY	56	P_ARP_MODE
57	111001	39	LSB for Control 25 (Undefined)	P_LFO3_ATTACK	57	P_ARP_STYLE
58	111010	3A	LSB for Control 26 (Undefined)	P_PATCH1_AMOUNT	58	P_ARP_PATTERN
59	111011	3B	LSB for Control 27 (Undefined)	P_PATCH2_AMOUNT	59	P_ARP_OCTAVE
60	111100	3C	LSB for Control 28 (Undefined)	P_PATCH3_AMOUNT	60	P_ARP_SPEED
61	111101	3D	LSB for Control 29 (Undefined)	P_PATCH4_AMOUNT	61	P_ARP_LATCH
62	111110	3E	LSB for Control 30 (Undefined)	P_PATCH5_AMOUNT	62	P_ARP_PTN_STEP1
63	111111	3F	LSB for Control 31 (Undefined)	P_PATCH6_AMOUNT	63	P_ARP_PTN_STEP2
64	1000000	40	Damper Pedal on/off (Sustain)	Sustain pedal	64	P_ARP_PTN_STEP3
65	1000001	41	Portamento On/Off	P_NOT_ASSIGNED	65	P_ARP_PTN_STEP4
66	1000010	42	Sostenuto On/Off	P_NOT_ASSIGNED	66	P_ARP_PTN_STEP5
67	1000011	43	Soft Pedal On/Off	P_NOT_ASSIGNED	67	P_ARP_PTN_STEP6
68	1000100	44	Legato Footswitch	P_NOT_ASSIGNED	68	P_ARP_PTN_STEP7
69	1000101	45	Hold 2	P_NOT_ASSIGNED	69	P_ARP_PTN_STEP8
70	1000110	46	Sound Controller 1 (default: Sound Variation)	P_NOT_ASSIGNED	70	P_ARP_PTN_STEP9
71	1000111	47	Sound Controller 2 (default: Timbre/Harmonic Intens.)	P_FILTER_RESONANCE	71	P_ARP_PTN_STEP10
72	1001000	48	Sound Controller 3 (default: Release Time)	P_ENV1_RELEASE	72	P_ARP_PTN_STEP11
73	1001001	49	Sound Controller 4 (default: Attack Time)	P_ENV1_ATTACK	73	P_ARP_PTN_STEP12
74	1001010	4A	Sound Controller 5 (default: Brightness)	P_FILTER_FREQUENCY	74	P_ARP_PTN_STEP13
75	1001011	4B	Sound Controller 6 (default: Decay Time - see MMA RP-021)	P_ENV1_DECAY	75	P_ARP_PTN_STEP14
76	1001100	4C	Sound Controller 7 (default: Vibrato Rate - see MMA RP-021)	P_LFO2_RATE	76	P_ARP_PTN_STEP15

77	1001101	4D	Sound Controller 8 (default: Vibrato Depth - see MMA RP-021)	P_FILTER_LFO_AMOUNT		77	P_ARP_PTN_STEP16		
78	1001110	4E	Sound Controller 9 (default: Vibrato Delay - see MMA RP-021)	P_LFO2_DELAY		78	P_ARP_PTN_LENGTH		
79	1001111	4F	Sound Controller 10 (default undefined - see MMA RP-021)	P_ENV1_SUSTAIN		79	P_CHORDER_STATUS		
80	1010000	50	General Purpose Controller 5	P_ENV2_ATTACK		80	P_CHORDER_KEY		
81	1010001	51	General Purpose Controller 6	P_ENV2_DECAY		81	P_CHORDER_SCALE		
82	1010010	52	General Purpose Controller 7	P_ENV2_SUSTAIN		82	P_CHORDER_ITVL1		
83	1010011	53	General Purpose Controller 8	P_ENV2_RELEASE		83	P_CHORDER_ITVL2		
84	1010100	54	Portamento Control	P_NOT_ASSIGNED		84	P_CHORDER_ITVL3		
85	1010101	55	Undefined	P_FILTER_ENV_AMOUNT		85	P_GLOBALS_PITCHBEND_RANGE		
86	1010110	56	Undefined	P_ENV3_ATTACK		86	P_GLOBALS_MODE		
87	1010111	57	Undefined	P_ENV3_DECAY		87	P_GLOBALS_TEMPO		
88	1011000	58	High Resolution Velocity Prefix	P_LFO2_ATTACK		88	P_ENCODER_ASSIGN1		
89	1011001	59	Undefined	P_ENV3_SUSTAIN		89	P_ENCODER_ASSIGN2		
90	1011010	5A	Undefined	P_ENV3_RELEASE		90	P_ENCODER_ASSIGN3		
91	1011011	5B	Effects 1 Depth	P_FX_MIX		91	P_ENCODER_ASSIGN4		
92	1011100	5C	Effects 2 Depth (formerly Tremolo Depth)	P_SCALER1_AMOUNT		92	P_NOT_ASSIGNED		
93	1011101	5D	Effects 3 Depth	P_SCALER2_AMOUNT		93	P_NOT_ASSIGNED		
94	1011110	5E	Effects 4 Depth (formerly Celeste [Detune] Depth)	P_SCALER3_AMOUNT		94	P_NOT_ASSIGNED		
95	1011111	5F	Effects 5 Depth (formerly Phaser Depth)	P_LAG_AMOUNT		95	P_NOT_ASSIGNED		
96	1100000	60	Data Increment (Data Entry +1) (see MMA RP-018)	P_NOT_ASSIGNED		96	P_NOT_ASSIGNED		
97	1100001	61	Data Decrement (Data Entry -1) (see MMA RP-018)	P_NOT_ASSIGNED		97	P_NOT_ASSIGNED		
98	1100010	62	Non-Registered Parameter Number (NRPN) - LSB	P_NOT_ASSIGNED		98	P_NOT_ASSIGNED		
99	1100011	63	Non-Registered Parameter Number (NRPN) - MSB	P_NOT_ASSIGNED		99	P_NOT_ASSIGNED		
100	1100100	64	Registered Parameter Number (RPN) - LSB*	P_NOT_ASSIGNED		100	P_NOT_ASSIGNED		
101	1100101	65	Registered Parameter Number (RPN) - MSB*	P_NOT_ASSIGNED		101	P_NOT_ASSIGNED		
102	1100110	66	Undefined	P_VOICE1_PAN		102	P_NOT_ASSIGNED		
103	1100111	67	Undefined	P_VOICE2_PAN		103	P_NOT_ASSIGNED		
104	1101000	68	Undefined	P_VOICE3_PAN		104	P_NOT_ASSIGNED		
105	1101001	69	Undefined	P_VOICE4_PAN		105	P_NOT_ASSIGNED		
106	1101010	6A	Undefined	P_VOICE5_PAN		106	P_NOT_ASSIGNED		
107	1101011	6B	Undefined	P_VOICE6_PAN		107	P_NOT_ASSIGNED		
108	1101100	6C	Undefined	P_NOT_ASSIGNED		108	P_NOT_ASSIGNED		
109	1101101	6D	Undefined	P_NOT_ASSIGNED		109	P_NOT_ASSIGNED		
110	1101110	6E	Undefined	P_NOT_ASSIGNED		110	P_NOT_ASSIGNED		
111	1101111	6F	Undefined	P_NOT_ASSIGNED		111	P_NOT_ASSIGNED		
112	1110000	70	Undefined	P_NOT_ASSIGNED		112	P_NOT_ASSIGNED		
113	1110001	71	Undefined	P_NOT_ASSIGNED		113	P_NOT_ASSIGNED		
114	1110010	72	Undefined	P_NOT_ASSIGNED		114	P_NOT_ASSIGNED		
115	1110011	73	Undefined	P_NOT_ASSIGNED		115	P_NOT_ASSIGNED		
116	1110100	74	Undefined	P_NOT_ASSIGNED		116	P_NOT_ASSIGNED		

117	1110101	75	Undefined	P_NOT_ASSIGNED		117	P_NOT_ASSIGNED		
118	1110110	76	Undefined	P_NOT_ASSIGNED		118	P_NOT_ASSIGNED		
119	1110111	77	Undefined	P_GLOBALS_UNISON_DETUNE		119	P_NOT_ASSIGNED		
120	1111000	78	[Channel Mode Message] All Sound Off	All sound Off		120	P_NOT_ASSIGNED		
121	1111001	79	[Channel Mode Message] Reset All Controllers	P_NOT_ASSIGNED		121	P_NOT_ASSIGNED		
122	1111010	7A	[Channel Mode Message] Local Control On/Off	P_NOT_ASSIGNED		122	P_NOT_ASSIGNED		
123	1111011	7B	[Channel Mode Message] All Notes Off	All notes off		123	P_NOT_ASSIGNED		
124	1111100	7C	[Channel Mode Message] Omni Mode Off (+ all notes off)	P_NOT_ASSIGNED		124	P_NOT_ASSIGNED		
125	1111101	7D	[Channel Mode Message] Omni Mode On (+ all notes off)	P_NOT_ASSIGNED		125	P_NOT_ASSIGNED		
126	1111110	7E	[Channel Mode Message] Mono Mode On (+ poly off, + all notes of	P_NOT_ASSIGNED		126	P_NOT_ASSIGNED		
127	1111111	7F	[Channel Mode Message] Poly Mode On (+ mono off, +all notes off	P_NOT_ASSIGNED		127	P_NOT_ASSIGNED		