

**propellerhead**

**PX7 FM SYNTHESIZER**  
**MIDI CONTROLLER CHART**

# PX7 V1.1 MIDI Controller Chart

MIDI Contr. #	MIDI Controller Name	PX7 Parameter
0	ControlBankSelect	
1	ControlModulationWheel	
2	ControlBreathController	
3	ControlUndefined3	
4	ControlFootController	
5	ControlPortamentoTime	Portamento
6	ControlDataEntryMSB	
7	ControlChannelVolume	Volume
8	ControlBalance	
9	ControlUndefined9	
10	ControlPan	
11	ControlExpressionController	
12	ControlEffectControl1	
13	ControlEffectControl2	
14	ControlUndefined14	
15	ControlUndefined15	
16	ControlGeneralPurpose1	
17	ControlGeneralPurpose2	
18	ControlGeneralPurpose3	
19	ControlGeneralPurpose4	
20	ControlUndefined20	OP1 Level
21	ControlUndefined21	OP2 Level
22	ControlUndefined22	OP3 Level
23	ControlUndefined23	OP4 Level
24	ControlUndefined24	OP5 Level
25	ControlUndefined25	OP6 Level
26	ControlUndefined26	LFO Waveform
27	ControlUndefined27	LFO Speed
28	ControlUndefined28	LFO Delay
29	ControlUndefined29	LFO Tempo Sync On/Off
30	ControlUndefined30	LFO Frequency Tempo Sync
31	ControlUndefined31	OP1 Frequency Mode
32	Control.SB0 (Bank select)	
33	Control.SB1 (ModWheel)	OP1 Coarse
34	Control.SB2 (Breath)	OP1 Fine
35	Control.SB3 (Undefined)	OP1 Detune
36	Control.SB4 (Foot controller)	OP1 Pan
37	Control.SB5 (Portamento time)	OP2 Frequency Mode
38	Control.SB6 (DataEntry LSB)	
39	Control.SB7 (Channel Volume)	OP2 Coarse
40	Control.SB8 (Balance)	Algorithm
41	Control.SB9 (Undefined)	OP Feedback
42	Control.SB10 (Pan)	OP2 Fine
43	Control.SB11 (Expression)	OP2 Detune
44	Control.SB12 (Effect control 1)	OP2 Pan
45	Control.SB13 (Effect control 2)	OP3 Frequency Mode
46	Control.SB14 (Undefined)	OP3 Coarse
47	Control.SB15 (Undefined)	OP3 Fine
48	Control.SB16 (General purpose 1)	OP3 Detune
49	Control.SB17 (General purpose 2)	OP3 Pan
50	Control.SB18 (General purpose 3)	OP4 Frequency Mode
51	Control.SB19 (General purpose 4)	OP4 Coarse
52	Control.SB20 (Undefined)	OP4 Fine
53	Control.SB21 (Undefined)	OP4 Detune
54	Control.SB22 (Undefined)	OP4 Pan
55	Control.SB23 (Undefined)	OP5 Frequency Mode
56	Control.SB24 (Undefined)	OP5 Coarse
57	Control.SB25 (Undefined)	OP5 Fine
58	Control.SB26 (Undefined)	OP5 Detune
59	Control.SB27 (Undefined)	OP5 Pan
60	Control.SB28 (Undefined)	OP6 Frequency Mode
61	Control.SB29 (Undefined)	OP6 Coarse
62	Control.SB30 (Undefined)	OP6 Fine
63	Control.SB31 (Undefined)	OP6 Detune
64	ControlDamperPedal (Sustain)	
65	ControlPortamentoOnOff	OP6 Pan
66	ControlSostenuto	
67	ControlSoftPedal	
68	ControlLegatoFootSwitch	
69	ControlHold2	
70	ControlSoundController1 (Sound Variation)	
71	ControlSoundController2 (Harmonic Intensity)	Brightness
72	ControlSoundController3 (Release time)	Touch
73	ControlSoundController4 (Attack time)	Attack
74	ControlSoundController5 (Brightness)	Decay
75	ControlSoundController6	
76	ControlSoundController7	
77	ControlSoundController8	
78	ControlSoundController9	
79	ControlSoundController10	
80	ControlGeneralPurposeController5	
81	ControlGeneralPurposeController6	
82	ControlGeneralPurposeController7	
83	ControlGeneralPurposeController8	
84	ControlPortamentoControl	
85	ControlUndefined85	
86	ControlUndefined86	
87	ControlUndefined87	
88	ControlUndefined88	
89	ControlUndefined89	
90	ControlUndefined90	
91	ControlEffects1Depth	
92	ControlEffects2Depth	
93	ControlEffects3Depth	
94	ControlEffects4Depth	
95	ControlEffects5Depth	
96	ControlDataIncrement	
97	ControlDataDecrement	
98	ControlNonRegisteredParameterNumberLSB	
99	ControlNonRegisteredParameterNumberMSB	
100	ControlRegisteredParameterNumberLSB	
101	ControlRegisteredParameterNumberMSB	
102	ControlUndefined102	
103	ControlUndefined103	
104	ControlUndefined104	
105	ControlUndefined105	
106	ControlUndefined106	
107	ControlUndefined107	
108	ControlUndefined108	
109	ControlUndefined109	
110	ControlUndefined110	
111	ControlUndefined111	
112	ControlUndefined112	
113	ControlUndefined113	
114	ControlUndefined114	
115	ControlUndefined115	
116	ControlUndefined116	
117	ControlUndefined117	
118	ControlUndefined118	
119	ControlUndefined119	
120	ControlReservedForChannelModeMessages120	
121	ControlReservedForChannelModeMessages121	
122	ControlReservedForChannelModeMessages122	
123	ControlReservedForChannelModeMessages123	
124	ControlReservedForChannelModeMessages124	
125	ControlReservedForChannelModeMessages125	
126	ControlReservedForChannelModeMessages126	
127	ControlReservedForChannelModeMessages127	