

**propellerhead**

# **SYNCHRONOUS**

## **MIDI CONTROLLER CHART**

# Synchronous MIDI Controller Chart

MIDI Contr. #	MIDI Controller Name	Synchronous Parameter
0	ControlBankSelect	
1	ControlModulationWheel	
2	ControlBreathController	
3	ControlUndefined3	
4	ControlFootController	
5	ControlPortamentoTime	
6	ControlDataEntryMSB	
7	ControlChannelVolume	Master Level
8	ControlBalance	
9	ControlUndefined9	
10	ControlPan	
11	ControlExpressionController	
12	ControlEffectControl1	Curve 1 Phase
13	ControlEffectControl2	Curve 1 Loop Length
14	ControlUndefined14	Curve 1 Speed
15	ControlUndefined15	Curve 2 Loop Length
16	ControlGeneralPurpose1	Curve 2 Speed
17	ControlGeneralPurpose2	Curve 3 Loop Length
18	ControlGeneralPurpose3	Curve 3 Speed
19	ControlGeneralPurpose4	Curve 1 Filter Freq Modulation
20	ControlUndefined20	Filter Resonance
21	ControlUndefined21	Filter Freq
22	ControlUndefined22	Filter Lag
23	ControlUndefined23	Filter On/Off
24	ControlUndefined24	Curve 1 Filter Resonance Modulation
25	ControlUndefined25	Filter Type
26	ControlUndefined26	Dist On/Off
27	ControlUndefined27	Dist Amount
28	ControlUndefined28	Dist Character
29	ControlUndefined29	Curve 1 Dist Character Modulation
30	ControlUndefined30	Dist Type
31	ControlUndefined31	Curve 1 Dist Amount Modulation
32	ControlLSB0 (Bank select)	
33	ControlLSB1 (ModWheel)	Curve 1 Freeze
34	ControlLSB2 (Breath)	Curve 2 Freeze
35	ControlLSB3 (Undefined)	Curve 3 Freeze
36	ControlLSB4 (Foot controller)	Curve 1 Kill
37	ControlLSB5 (Portamento time)	Curve 2 Kill
38	ControlLSB6 (DataEntry LSB)	
39	ControlLSB7 (Channel Volume)	Curve 3 Kill
40	ControlLSB8 (Balance)	Reverb Damp
41	ControlLSB9 (Undefined)	Reverb Size
42	ControlLSB10 (Pan)	Reverb Decay
43	ControlLSB11 (Expression)	Reverb Amount
44	ControlLSB12 (Effect control 1)	Reverb On/Off
45	ControlLSB13 (Effect control 2)	Curve 1 Reverb Amount Modulation
46	ControlLSB14 (Undefined)	Curve 1 Reverb Decay Modulation
47	ControlLSB15 (Undefined)	Dist Post Filter On/Off
48	ControlLSB16 (General purpose 1)	Level
49	ControlLSB17 (General purpose 2)	Delay Sync On/Off
50	ControlLSB18 (General purpose 3)	Delay Keep Pitch On/Off
51	ControlLSB19 (General purpose 4)	Delay Ping Pong On/Off
52	ControlLSB20 (Undefined)	Delay Pan
53	ControlLSB21 (Undefined)	Delay On/Off
54	ControlLSB22 (Undefined)	Delay Feedback
55	ControlLSB23 (Undefined)	Delay Amount
56	ControlLSB24 (Undefined)	Delay Time
57	ControlLSB25 (Undefined)	Curve 1 Delay Amount Modulation
58	ControlLSB26 (Undefined)	Curve 1 Delay Feedback Modulation
59	ControlLSB27 (Undefined)	Curve 1 Delay Time Modulation
60	ControlLSB28 (Undefined)	Curve 1 Level Modulation
61	ControlLSB29 (Undefined)	Level In/Out Switch
62	ControlLSB30 (Undefined)	Dry/Wet
63	ControlLSB31 (Undefined)	
64	ControlDampPedal (Sustain)	
65	ControlPortamentoOnOff	Master Offset
66	ControlSostenuto	Curve 2 Phase
67	ControlSoftPedal	Curve 2 Filter Freq Modulation
68	ControlLegatoFootSwitch	Curve 2 Filter Resonance Modulation
69	ControlHold2	Curve 2 Dist Character Modulation
70	ControlSoundController1 (Sound Variation)	Curve 2 Dist Amount Modulation
71	ControlSoundController2 (Harmonic Intensity)	Curve 2 Reverb Amount Modulation
72	ControlSoundController3 (Release time)	Curve 2 Reverb Decay Modulation
73	ControlSoundController4 (Attack time)	Curve 2 Delay Amount Modulation
74	ControlSoundController5 (Brightness)	Curve 2 Delay Feedback Modulation
75	ControlSoundController6	Curve 2 Delay Time Modulation
76	ControlSoundController7	Curve 2 Level Modulation
77	ControlSoundController8	Curve 3 Phase
78	ControlSoundController9	Curve 3 Filter Freq Modulation
79	ControlSoundController10	Curve 3 Filter Resonance Modulation
80	ControlGeneralPurposeController5	Curve 3 Dist Character Modulation
81	ControlGeneralPurposeController6	Curve 3 Dist Amount Modulation
82	ControlGeneralPurposeController7	Curve 3 Reverb Amount Modulation
83	ControlGeneralPurposeController8	Curve 3 Reverb Decay Modulation
84	ControlPortamentoControl	Curve 3 Delay Amount Modulation
85	ControlUndefined85	Curve 3 Delay Feedback Modulation
86	ControlUndefined86	Curve 3 Delay Time Modulation
87	ControlUndefined87	Curve 3 Level Modulation
88	ControlUndefined88	Delay Send/Return Switch
89	ControlUndefined89	Reverb Send/Return Switch
90	ControlUndefined90	Delay Roll On/Off
91	ControlEffects1Depth	Delay Time (Synched)
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	