

Reson 1.0 MIDI Controller Chart - Page 1

MIDI Contr. #	MIDI Controller Name	Mixer 14:2	NN-19	Subtractor	Redrum	Dr. Rex	CF-1010 Chorus	DDL-1 Delay
0	ControlBankSelect							
1	ControlModulationWheel		Mod Wheel	Mod Wheel		Mod Wheel		
2	ControlBreathController							
3	ControlUndefined3				Pattern Select			
4	ControlFootController							
5	ControlPortamentoTime		Portamento	Portamento	Flam Amount			
6	ControlDataEntryMSB							
7	ControlChannelVolume	Master Level	Master Level	Master Level	Master Level	Master Level		
8	ControlBalance	Channel 1 Level			Drum 1 Level			
9	ControlUndefined9	Channel 2 Level	Amp Env Decay	Amp Env Decay	Drum 2 Level	Amp Env Decay	Enabled	Enabled
10	ControlPan	Channel 3 Level			Drum 3 Level			Pan
11	ControlExpressionController							
12	ControlEffectControl1	Channel 4 Level	Amp Env Sustain	Amp Env Sustain	Drum 4 Level	Amp Env Sustain	Delay	DelayTime16th
13	ControlEffectControl2	Channel 5 Level			Drum 5 Level		Feedback	Feedback
14	ControlUndefined14	Channel 6 Level	Filter Env Attack	Filter Env Attack	Drum 6 Level	Filter Env Attack	Rate	Dry Wet Balance
15	ControlUndefined15	Channel 7 Level	Filter Env Decay	Filter Env Decay	Drum 7 Level	Filter Env Decay	Modulation Amount	TimeBase
16	ControlGeneralPurpose1	Channel 8 Level	Filter Env Sustain	Filter Env Sustain	Drum 8 Level	Filter Env Sustain		Step Length
17	ControlGeneralPurpose2	Channel 9 Level	Filter Env Release	Filter Env Release	Drum 9 Level	Filter Env Release		
18	ControlGeneralPurpose3	Channel 10 Level	Filter Env Amount	Filter Env Amount	Drum 10 Level	Filter Env Amount		
19	ControlGeneralPurpose4	Channel 11 Level	Filter Env Invert	Filter Env Invert	Drum 1 Pan			
20	ControlUndefined20	Channel 12 Level	Sample Start	Osc1Wave	Drum 2 Pan			
21	ControlUndefined21	Channel 13 Level	Osc Octave	Osc1 Octave	Drum 3 Pan	Osc Octave		
22	ControlUndefined22	Channel 14 Level	Osc Semitone	Osc1 Semitone	Drum 4 Pan	Transpose Loop		
23	ControlUndefined23	Channel 1 Pan	Osc Fine Tune	Osc1 Fine Tune	Drum 5 Pan	Osc Fine Tune		
24	ControlUndefined24	Channel 2 Pan	Osc Env Amount		Drum 6 Pan	Osc Env Amount		
25	ControlUndefined25	Channel 3 Pan	Osc	Osc1 Kbd Track	Drum 7 Pan			
26	ControlUndefined26	Channel 4 Pan	LFO 1 Rate	LFO1 Rate	Drum 8 Pan	LFO1 Rate		
27	ControlUndefined27	Channel 5 Pan	LFO 1 Level	LFO1 Amount	Drum 9 Pan	LFO1 Amount		
28	ControlUndefined28	Channel 6 Pan	LFO 1 Wave	LFO1 Wave	Drum 10 Pan	LFO1 Wave		
29	ControlUndefined29	Channel 7 Pan	LFO 1 Dest	LFO1 Dest	Drum 1 Send 1 Amount	LFO1 Dest		
30	ControlUndefined30	Channel 8 Pan			Drum 2 Send 1 Amount			
31	ControlUndefined31	Channel 9 Pan			Drum 3 Send 1 Amount			
32	ControlLSB0 (Bank select)							
33	ControlLSB1 (ModWheel)	Channel 10 Pan	Filter Freq Mod Wheel Amount	Filter Freq Mod Wheel Amount	Drum 4 Send 1 Amount	Filter Freq Mod Wheel Amount		
34	ControlLSB2 (Breath)	Channel 11 Pan	Filter Res Mod Wheel Amount	Filter Res Mod Wheel Amount	Drum 5 Send 1 Amount	FilterRes Mod Wheel Amount		
35	ControlLSB3 (Undefined)	Channel 12 Pan	Filter Decay Mod Wheel Amount	LFO1Mod Wheel Amount	Drum 6 Send 1 Amount	Filter Decay Mod Wheel Amount		
36	ControlLSB4 (Foot controller)	Channel 13 Pan	Amp Mod Wheel Amount	FM Mod Wheel Amount	Drum 7 Send 1 Amount	AmpVel		
37	ControlLSB5 (Portamento time)	Channel 14 Pan	LFO1 Mod Wheel Amount	Phase Diff Mod Wheel Amount	Drum 8 Send 1 Amount			
38	ControlLSB6 (DataEntry LSB)							
39	ControlLSB7 (Channel Volume)	Channel 1 Aux Send 1 Level	Pitch Bend Range	Pitch Bend Range	Drum 9 Send 1 Amount	Pitch Bend Range		
40	ControlLSB8 (Balance)	Channel 2 Aux Send 1 Level	Filter Freq Ext Mod	Filter Freq Ext Mod	Drum 10 Send 1 Amount			
41	ControlLSB9 (Undefined)	Channel 3 Aux Send 1 Level	LFO1 Ext Mod	LFO1 Ext Mod	Drum 1 Send 2 Amount			
42	ControlLSB10 (Pan)	Channel 4 Aux Send 1 Level	Amp Ext Mod	Amp Ext Mod	Drum 2 Send 2 Amount			
43	ControlLSB11 (Expression)	Channel 5 Aux Send 1 Level	Ext Mod Select	Ext Mod Select	Drum 3 Send 2 Amount			
44	ControlLSB12 (Effect control 1)	Channel 6 Aux Send 1 Level		FM Ext Mod	Drum 4 Send 2 Amount			
45	ControlLSB13 (Effect control 2)	Channel 7 Aux Send 1 Level	Amp Vel Amount	Amp Env Vel Amount	Drum 5 Send 2 Amount			
46	ControlLSB14 (Undefined)	Channel 8 Aux Send 1 Level	Filter Env Vel Amount	Filter Env Vel	Drum 6 Send 2 Amount	Filter Env Vel Amount		
47	ControlLSB15 (Undefined)	Channel 9 Aux Send 1 Level	Filter Decay Vel Amount	Filter Decay Vel Amount	Drum 7 Send 2 Amount	Filter Decay Vel Amount		
48	ControlLSB16 (General purpose 1)	Channel 10 Aux Send 1 Level	Amp Attack Vel Amount	Amp Attack Vel Attack	Drum 8 Send 2 Amount			
49	ControlLSB17 (General purpose 2)	Channel 11 Aux Send 1 Level	Sample Start Vel Amount	FM Vel Amount	Drum 9 Send 2 Amount			
50	ControlLSB18 (General purpose 3)	Channel 12 Aux Send 1 Level		Mod Env Vel Amount	Drum 10 Send 2 Amount			
51	ControlLSB19 (General purpose 4)	Channel 13 Aux Send 1 Level		Phase Vel Amount	Drum 1 Pitch1			
52	ControlLSB20 (Undefined)	Channel 14 Aux Send 1 Level		Filter Freq2 Vel Amount	Drum 2 Pitch2			
53	ControlLSB21 (Undefined)	Channel 1 Aux Send 2 Level		Mix Vel Amount	Drum 3 Pitch3			
54	ControlLSB22 (Undefined)	Channel 2 Aux Send 2 Level			Drum 4 Pitch4			
55	ControlLSB23 (Undefined)	Channel 3 Aux Send 2 Level	Solo Sample		Drum 5 Pitch5			
56	ControlLSB24 (Undefined)	Channel 4 Aux Send 2 Level	Spread Mode		Drum 6 Pitch6			
57	ControlLSB25 (Undefined)	Channel 5 Aux Send 2 Level	Stereo Spread		Drum 7 Pitch7			
58	ControlLSB26 (Undefined)	Channel 6 Aux Send 2 Level			Drum 8 Pitch8			
59	ControlLSB27 (Undefined)	Channel 7 Aux Send 2 Level			Drum 9 Pitch9			
60	ControlLSB28 (Undefined)	Channel 8 Aux Send 2 Level			Drum 10 Pitch10			
61	ControlLSB29 (Undefined)	Channel 9 Aux Send 2 Level			Drum 1 Tone			
62	ControlLSB30 (Undefined)	Channel 10 Aux Send 2 Level			Drum 2 Tone			
63	ControlLSB31 (Undefined)	Channel 11 Aux Send 2 Level			Drum 10 Tone			
64	ControlDamperPedal (Sustain)							
65	ControlPortamentoOnOff	Channel 12 Aux Send 2 Level			Drum 6 Pitch			
66	ControlSostenuto	Channel 13 Aux Send 2 Level			Drum 7 Pitch			
67		Channel 14 Aux Send 2 Level			Drum 1 Vel to Level			
68	ControlLegatoFootSwitch	Channel 1 Bass Amount	Key Mode	Key Mode	Drum 2 Vel to Level			
69	ControlHold2	Channel 2 Bass Amount			Drum 3 Vel to Level			
70	ControlSoundController1 (Sound Variation)	Channel 3 Bass Amount			Drum 4 Vel to Level			

Reson 1.0 MIDI Controller Chart - Page 2

MIDI Contr. #	MIDI Controller Name	Mixer 14:2	NN-19	Subtractor	Redrum	Dr. Rex	CF-1010 Chorus	DDL-1 Delay
71	ControlSoundController2 (Harmonic Intensity)	Channel 4 Bass Amount	Filter Q	Filter Resonance	Drum 5 Vel to Level	Filter Q		
72	ControlSoundController3 (Release time)	Channel 5 Bass Amount	Amp Env Release	Amp Env Release	Drum 6 Vel to Level	Amp Env Release		
73	ControlSoundController4 (Attack time)	Channel 6 Bass Amount	Amp Env Attack	Amp Env Attack	Drum 7 Vel to Level	Amp Env Attack		
74	ControlSoundController5 (Brightness)	Channel 7 Bass Amount	Filter Freq	Filter Freq	Drum 8 Vel to Level	Filter Freq		
75	ControlSoundController6	Channel 8 Bass Amount	Filter On/Off	Filter2 On	Drum 9 Vel to Level	Filter On		
76	ControlSoundController7	Channel 9 Bass Amount	Filter Type	Filter Type	Drum 10 Vel to Level	Filter Type		
77	ControlSoundController8	Channel 10 Bass Amount	Filter Kbd Track	Filter Kbd Track	Drum 1 Decay			
78	ControlSoundController9	Channel 11 Bass Amount		Filter2 Resonance	Drum 2 Decay			
79	ControlSoundController10	Channel 12 Bass Amount		Filter2 Freq	Drum 3 Decay			
80	ControlGeneralPurposeController5	Channel 13 Bass Amount		Filter Link Freq On	Drum 4 Decay			
81	ControlGeneralPurposeController6	Channel 14 Bass Amount		Noise On	Drum 5 Decay			
82	ControlGeneralPurposeController7	Channel 1 Treble Amount		Noise Level	Drum 6 Decay			
83	ControlGeneralPurposeController8	Channel 2 Treble Amount		Noise Decay	Drum 7 Decay			
84	ControlPortamentoControl	Channel 3 Treble Amount		Noise Color	Drum 8 Decay			
85	ControlUndefined85	Channel 4 Treble Amount		Mod Env Gain	Drum 9 Decay			
86	ControlUndefined86	Channel 5 Treble Amount		Mod Env Invert	Drum 10 Decay			
87	ControlUndefined87	Channel 6 Treble Amount		Mod Env Attack	Drum 3 SampleStart			
88	ControlUndefined88	Channel 7 Treble Amount		Mod Env Decay	Drum 4 SampleStart			
89	ControlUndefined89	Channel 8 Treble Amount		Mod Env Sustain	Drum 5 SampleStart			
90	ControlUndefined90	Channel 9 Treble Amount		Mod Env Release	Drum 8 SampleStart			
91	ControlEffects1Depth	Channel 10 Treble Amount		Mod Env Dest	Drum 9 SampleStart			
92	ControlEffects2Depth	Channel 11 Treble Amount		Osc1 PhaseMode	Pattern Enabled			
93	ControlEffects3Depth	Channel 12 Treble Amount		Osc1 Phase Diff				
94	ControlEffects4Depth	Channel 13 Treble Amount		Osc2 On	Drum 6 Vel to Pitch Bend			
95	ControlEffects5Depth	Channel 14 Treble Amount		Osc2 Wave	Drum 7 Vel to Pitch Bend			
96	ControlDataIncrement							
97	ControlDataDecrement							
98	ControlNonRegisteredParameterNumberLSB							
99	ControlNonRegisteredParameterNumberMSB							
100	ControlRegisteredParameterNumberLSB							
101	ControlRegisteredParameterNumberMSB							
102	ControlUndefined102	Line 1 Send Aux3 Level		Osc2 Octave	Drum 6 Pitch Bend Rate Rate			
103	ControlUndefined103	Line 2 Send Aux3 Level		Osc2 Semitone	Drum 7 Pitch Bend Rate Rate			
104	ControlUndefined104	Line 3 Send Aux3 Level		Osc2 Fine Tune	Drum 1 Vel ToTone			
105	ControlUndefined105	Line 4 Send Aux3 Level		Osc2 Mode	Drum 2 Vel ToTone			
106	ControlUndefined106	Line 5 Send Aux3 Level		Osc2 Phase Diff	Drum 10 Vel ToTone			
107	ControlUndefined107	Line 6 Send Aux3 Level		Osc Mix	Drum 3 Vel to Sample Start			
108	ControlUndefined108	Line 7 Send Aux3 Level		FM Amount	Drum 4 Vel to Sample Start			
109	ControlUndefined109	Line 8 Send Aux3 Level		Ring Mod	Drum 5 Vel to Sample Start			
110	ControlUndefined110	Line 9 Send Aux3 Level		LFO2 Rate	Drum 8 Vel to Sample Start			
111	ControlUndefined111	Line 10 Send Aux3 Level		LFO2 Amount	Drum 9 Vel to Sample Start			
112	ControlUndefined112	Line 11 Send Aux3 Level		LFO2 Delay				
113	ControlUndefined113	Line 12 Send Aux3 Level		LFO2 Dest				
114	ControlUndefined114	Line 13 Send Aux3 Level		LFO2 Kbd Track				
115	ControlUndefined115	Line 14 Send Aux3 Level		Osc2 Kbd Track				
116	ControlUndefined116	Aux 1 Return Level						
117	ControlUndefined117	Aux 2 Return Level						
118	ControlUndefined118	Aux 3 Return Level						
119	ControlUndefined119	Aux 4 Return Level						
120	ControlReservedForChannelModeMessages120							
121	ControlReservedForChannelModeMessages121							
122	ControlReservedForChannelModeMessages122							
123	ControlReservedForChannelModeMessages123							
124	ControlReservedForChannelModeMessages124							
125	ControlReservedForChannelModeMessages125							
126	ControlReservedForChannelModeMessages126							
127	ControlReservedForChannelModeMessages127							
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Reson 1.0 MIDI Controller Chart - Page 3

MIDI Contr. #	MIDI Controller Name	COMP-01 Compressor	D-11 Distortion	ECF-42 Filter	PEQ2 Param. EQ	PH-90 Phaser	Reverb	ReBirth Input	Matrix
0	ControlBankSelect								
1	ControlModulationWheel								
2	ControlBreathController								
3	ControlUndefined3						Algorithm		Pattern Select
4	ControlFootController								
5	ControlPortamentoTime								
6	ControlDataEntryMSB								
7	ControlChannelVolume								
8	ControlBalance								
9	ControlUndefined9	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	Enabled	
10	ControlPan								
11	ControlExpressionController								
12	ControlEffectControl1	Threshold	Amount	Mode	Filter A Gain	Split	Size		
13	ControlEffectControl2	Attack	Foldback	Sustain	Filter B Gain	Feedback	Damping		
14	ControlUndefined14	Release		Release	Filter B Enabled	Rate	Decay		
15	ControlUndefined15			Velocity		Frequency Modulation	Dry/Wet		
16	ControlGeneralPurpose1	Ratio		Env Amount		Width			
17	ControlGeneralPurpose2								
18	ControlGeneralPurpose3								
19	ControlGeneralPurpose4								
20	ControlUndefined20								
21	ControlUndefined21								
22	ControlUndefined22								
23	ControlUndefined23								
24	ControlUndefined24								
25	ControlUndefined25								
26	ControlUndefined26								
27	ControlUndefined27								
28	ControlUndefined28								
29	ControlUndefined29								
30	ControlUndefined30								
31	ControlUndefined31								
32	ControlLSB0 (Bank select)								
33	ControlLSB1 (ModWheel)								
34	ControlLSB2 (Breath)								
35	ControlLSB3 (Undefined)								
36	ControlLSB4 (Foot controller)								
37	ControlLSB5 (Portamento time)								
38	ControlLSB6 (DataEntry LSB)								
39	ControlLSB7 (Channel Volume)								
40	ControlLSB8 (Balance)								
41	ControlLSB9 (Undefined)								
42	ControlLSB10 (Pan)								
43	ControlLSB11 (Expression)								
44	ControlLSB12 (Effect control 1)								
45	ControlLSB13 (Effect control 2)								
46	ControlLSB14 (Undefined)								
47	ControlLSB15 (Undefined)								
48	ControlLSB16 (General purpose 1)								
49	ControlLSB17 (General purpose 2)								
50	ControlLSB18 (General purpose 3)								
51	ControlLSB19 (General purpose 4)								
52	ControlLSB20 (Undefined)								
53	ControlLSB21 (Undefined)								
54	ControlLSB22 (Undefined)								
55	ControlLSB23 (Undefined)								
56	ControlLSB24 (Undefined)								
57	ControlLSB25 (Undefined)								
58	ControlLSB26 (Undefined)								
59	ControlLSB27 (Undefined)								
60	ControlLSB28 (Undefined)								
61	ControlLSB29 (Undefined)								
62	ControlLSB30 (Undefined)								
63	ControlLSB31 (Undefined)								
64	ControlDamperPedal (Sustain)								
65	ControlPortamentoOnOff								
66	ControlSostenuto								
67		50							
68	ControlLegatoFootSwitch								
69	ControlHold2								
70	ControlSoundController1 (Sound Variation)								

Reson 1.0 MIDI Key Mapping

MIDI key	Mixer 14:2	Redrum	Dr. REX
0	Channel 1 Mute		Transpose -12
1			Transpose -11
2	Channel 2 Mute		Transpose -10
3			Transpose -9
4	Channel 3 Mute		Transpose -8
5	Channel 4 Mute		Transpose -7
6			Transpose -6
7	Channel 5 Mute		Transpose -5
8			Transpose -4
9	Channel 6 Mute		Transpose -3
10			Transpose -2
11	Channel 7 Mute		Transpose -1
12	Channel 8 Mute		Transpose 0
13			Transpose +1
14	Channel 9 Mute		Transpose +2
15			Transpose +3
16	Channel 10 Mute		Transpose +4
17	Channel 11 Mute		Transpose +5
18			Transpose +6
19	Channel 12 Mute		Transpose +7
20			Transpose +8
21	Channel 13 Mute		Transpose +9
22			Transpose +10
23	Channel 14 Mute		Transpose +11
24	Channel 1 Solo		Transpose +12
25			
26	Channel 2 Solo		Trigger entire loop
27			
28	Channel 3 Solo		
29	Channel 4 Solo		Trigger slice 1
30			Trigger slice 2
31	Channel 5 Solo		Trigger slice 3
32			Trigger slice 4
33	Channel 6 Solo		Trigger slice 5
34			Trigger slice 6
35	Channel 7 Solo		Trigger slice 7
36	Channel 8 Solo	Trigger Drum 1	Trigger slice 8
37		Trigger Drum 2	Trigger slice 9
38	Channel 9 Solo	Trigger Drum 3	Trigger slice 10
39		Trigger Drum 4	Trigger slice 11
40	Channel 10 Solo	Trigger Drum 5	Trigger slice 12
41	Channel 11 Solo	Trigger Drum 6	Trigger slice 13
42		Trigger Drum 7	Trigger slice 14
43	Channel 12 Solo	Trigger Drum 8	Trigger slice 15
44		Trigger Drum 9	Trigger slice 16
45	Channel 13 Solo	Trigger Drum 10	Trigger slice 17
46			Trigger slice 18
47	Channel 14 Solo		Trigger slice 19
48	Channel 1 Eq On/Off	Drum 1 Mute	Trigger slice 20
49			Trigger slice 21
50	Channel 2 Eq On/Off	Drum 2 Mute	Trigger slice 22
51			Trigger slice 23
52	Channel 3 Eq On/Off	Drum 3 Mute	Trigger slice 24
53	Channel 4 Eq On/Off	Drum 4 Mute	Trigger slice 25
54			Trigger slice 26
55	Channel 5 Eq On/Off	Drum 5 Mute	Trigger slice 27
56			Trigger slice 28
57	Channel 6 Eq On/Off	Drum 6 Mute	Trigger slice 29
58			Trigger slice 30
59	Channel 7 Eq On/Off	Drum 7 Mute	Trigger slice 31
60	Channel 8 Eq On/Off	Drum 8 Mute	Trigger slice 32
61			Trigger slice 33
62	Channel 9 Eq On/Off	Drum 9 Mute	Trigger slice 34
63			Trigger slice 35

MIDI key	Mixer 14:2	Redrum	Dr. REX
64	Channel 10 Eq On/Off	Channel 10 Mute	Trigger slice 36
65	Channel 11 Eq On/Off		Trigger slice 37
66			Trigger slice 38
67	Channel 12 Eq On/Off		Trigger slice 39
68			Trigger slice 40
69	Channel 13 Eq On/Off		Trigger slice 41
70			Trigger slice 42
71	Channel 14 Eq On/Off		Trigger slice 43
72		Channel 1 Solo	Trigger slice 44
73			Trigger slice 45
74		Channel 2 Solo	Trigger slice 46
75			Trigger slice 47
76		Channel 3 Solo	Trigger slice 48
77		Channel 4 Solo	Trigger slice 49
78			Trigger slice 50
79		Channel 5 Solo	Trigger slice 51
80			Trigger slice 52
81		Channel 6 Solo	Trigger slice 53
82			Trigger slice 54
83		Channel 7 Solo	Trigger slice 55
84		Channel 8 Solo	Trigger slice 56
85			Trigger slice 57
86		Channel 9 Solo	Trigger slice 58
87			Trigger slice 59
88		Channel 10 Solo	Trigger slice 60
89			Trigger slice 61
90			Trigger slice 62
91			Trigger slice 63
92			Trigger slice 64
93			Trigger slice 65
94			Trigger slice 66
95			Trigger slice 67
96			Trigger slice 68
97			Trigger slice 69
98			Trigger slice 70
99			Trigger slice 71
100			Trigger slice 72
101			Trigger slice 73
102			Trigger slice 74
103			Trigger slice 75
104			Trigger slice 76
105			Trigger slice 77
106			Trigger slice 78
107			Trigger slice 79
108			Trigger slice 80
109			Trigger slice 81
110			Trigger slice 82
111			Trigger slice 83
112			Trigger slice 84
113			Trigger slice 85
114			Trigger slice 86
115			Trigger slice 87
116			Trigger slice 88
117			Trigger slice 89
118			Trigger slice 90
119			Trigger slice 91
120			Trigger slice 92
121			Trigger slice 93
122			Trigger slice 94
123			Trigger slice 95
124			Trigger slice 96
125			Trigger slice 97
126			Trigger slice 98
127			Trigger slice 99