

RD4 Groovebox - MIDI Implementation Chart

More info on RD4 for Android and iOS at www.mikrosonic.com/rd4

	Global	Bassline	Analog	Beats	Effects
Note On/Off		Set Steps	Play Notes	Trigger Beats	
Pitch Bend		Select Assignable Controller	Pitch Bend	Select Assignable Controller	
Midi Start	X				
Midi Stop	X				
Midi Continue	X				
Midi Clock	X				
Program Change		Change Pattern 1 -8	Change Pattern 1 -8	Change Pattern 1 -8	
Standard Controllers					
CC 1 (Mod Wheel)		Change assigned Controller	Warmth	Change assigned Controller	
CC 5 (Portamento Time)			Glide		
CC 7 (Volume)		Channel Volume	Channel Volume	Channel Volume	
CC 10 (Pan)					
CC 32 Bank Select		Bank Select A/B	Bank Select A/B	Bank Select A/B	
CC 64 (Sustain Pedal)					
CC 71 (Resonance)		Resonance	Resonance		
CC 74 (Brightness)		Cut Off	Cut Off		
CC 123 Reset All Controllers					
CC 125 All Notes Off					
RD4 Instrument Controllers					
CC 16 OSC1 Volume			Osc1 Volume	Punch Channel1	
CC 17 OSC2 Volume			Osc2 Volume	Punch Channel2	
CC 18 OSC3 Volume			Osc3 Volume	Punch Channel3	
CC 19 OSC4 Volume				Punch Channel4	
CC 20 OSC1 Waveform		Waveform	Osc1 Waveform	Punch Channel5	
CC 21 OSC2 Waveform			Osc2 Waveform	Punch Channel6	
CC 22 OSC3 Waveform			Osc3 Waveform	Punch Channel7	
CC 23 OSC4 Waveform				Punch Channel8	
CC 24 OSC1 Tuning		Tuning	Osc1 Tuning	Mute Channel1	
CC 25 OSC2 Tuning			Osc2 Tuning	Mute Channel2	
CC 26 OSC3 Tuning			Osc3 Tuning	Mute Channel3	
CC 27 OSC4 Tuning				Mute Channel4	
CC 28 OSC1 Extra			Osc1 Range	Mute Channel5	
CC 29 OSC2 Extra			Osc2 Range	Mute Channel6	
CC 30 OSC3 Extra			Osc3 Range	Mute Channel7	
CC 31 OSC4 Extra				Mute Channel8	
CC 48 Filter Cut Off		Cut Off	Filter Cut Off		
CC 49 Filter Resonance		Resonance	Filter Resonance		
CC 50 Filter Modulation		Env Mod	Filter Env Mod		
CC 51 Filter Type					
CC 52 Env1 (Filter) Attack		Accent	Filter Attack		
CC 53 Env1 (Filter) Decay		Decay	Filter Decay		
CC 54 Env1 (Filter) Sustain			Filter Sustain		
CC 55 Env1 (Filter) Release					
CC 56 Env2 (Amp) Attack			Env Attack		
CC 57 Env2 (Amp) Decay			Env Decay		
CC 58 Env2 (Amp) Sustain			Env Sustain		
CC 59 Env2 (Amp) Release			Env Release		

	Global	Bassline	Analog	Beats	Effects
RD4 Effect Controllers					
CC 104 FX1 Control1					X
CC 105 FX1 Control2					X
CC 106 FX1 Control3					X
CC 107 FX1 Control4					X
CC 108 FX2 Control1					X
CC 109 FX2 Control2					X
CC 110 FX2 Control3					X
CC 111 FX2 Control4					X
CC 112 FX3 Control1					X
CC 113 FX3 Control2					X
CC 114 FX3 Control3					X
CC 115 FX3 Control4					X
CC 116 FX4 Control1					X
CC 117 FX4 Control2					X
CC 118 FX4 Control3					X
CC 119 FX4 Control4					X