

Kemper Profiler Midi parameters

contents:

midi CC list

NRPN values

values for effect type
(related to NRPN data)

KEMPER MIDI CC REFERENCE CHART, V.4.2					
CC	RANGE	FUNCTION	CC	RANGE	FUNCTION
0	0 only	bank select MSB (>0 goes outside of memory)	64		
1	0-127	wah pedal level	65		
2			66		
3			67		
4	0-127	pitch pedal level	68	0-127	delay mix level
5			69	0-127	delay feedback level
6		NRPN MSB of parameter value (see 98,99,38)	70	0-127	reverb mix level
7	0-127	volume (where assigned in the signal chain)	71	0-127	reverb time level
8			72	0-127	amplifier gain level
9			73	0-127	monitor volume
10			74		
11			75		
12			76		
13			77		
14			78		
15			79		
16	0 or 1	all stomps on/off	80		
17	0 or 1	stomp A	81		
18	0 or 1	stomp B	82		
19	0 or 1	stomp C	83		
20	0 or 1	stomp D	84		
21			85		
22	0 or 1	effect X	86		
23			87		
24	0 or 1	effect MOD	88		
25			89		
26	0 or 1	delay on/off (cuts tails)	90		
27	0 or 1	delay on/off (keep tails)	91		
28	0 or 1	reverb on/off (cuts tails)	92		
29	0 or 1	reverb on/off (keep tails)	93		
30	1* or 0	tap tempo (*127 engages beat scanner, 0=off)	94		
31	0 or 1	tuner display	95		
32	0 to 4	bank select LSB	96		
33	0 or 1	rotary speed	97		
34	0 or 1	delay feedback infinity on/off	98		NRPN LSB of parameter number (see 99,6,38)
35	0 or 1	delay hold on/off	99		NRPN MSB of parameter number (see 98,6,38)
36			100		
37			101		
38		NRPN LSB of parameter value (see 98,99,6)	102		
39			103		
40			104		
41			105		
42			106		
43			107		
44			108		
45			109		
46			110		
47	0-124	preselected performance index	111		
48	1 or 0	increase performance index	112		
49	1 or 0	decrease performance index	113		
50	1	select performance slot 1	114		
51	1	select performance slot 2	115		
52	1	select performance slot 3	116		
53	1	select performance slot 4	117		
54	1	select performance slot 5	118		
55			119		NRPN 7-bit value parameter value (can replace 6&38)
56			120		
57			121		
58			122		
59			123		
60			124		
61			125		
62			126		
63			127		

NRPN Address - Parameter Mapping			
Address		Type	Parameter
MSB	LSB		
4	0	Rig	Tempo
4	1	Rig	Volume
4	2	Rig	Tempo Enable
9	3	Input	Noise Gate Intensity
9	4	Input	Clean Sense
9	5	Input	Distortion Sense
10	2	Amplifier	On/Off
10	4	Amplifier	Gain
10	6	Amplifier	Definition
10	7	Amplifier	Clarity
10	8	Amplifier	Power Sagging
10	9	Amplifier	Pick
10	10	Amplifier	Compressor
10	11	Amplifier	Tube Shape
10	12	Amplifier	Tube Bias
10	15	Amplifier	Direct Mix
11	2	EQ	On/Off
11	4	EQ	Bass
11	5	EQ	Mids
11	6	EQ	Treble
11	7	EQ	Presence
12	2	Cabinet	On/Off
12	3	Cabinet	Volume
12	4	Cabinet	High Shift
12	5	Cabinet	Low Shift
12	6	Cabinet	Character
50	0	Stomp A	Type (see other table)
50	3	Stomp A	On/Off
50	4	Stomp A	Mix
50	6	Stomp A	Volume
50	7	Stomp A	Stereo
50	8	Stomp A (Wah)	Wah Manual
50	9	Stomp A (Wah)	Wah Peak
50	10	Stomp A (Wah)	Wah Range
50	12	Stomp A (Wah)	Wah Pedal Mode
50	13	Stomp A (Wah)	Wah Touch Attack
50	14	Stomp A (Wah)	Wah Touch Release
50	15	Stomp A (Wah)	Wah Touch Boost
50	16	Stomp A (Dist/Shaper)	Distortion/Shaper Drive
50	17	Stomp A (Dist/Shaper)	Distortion/Booster Tone
50	18	Stomp A (Comp)	Compressor/Gate Intensity
50	19	Stomp A (Comp)	Compressor Attack
50	20	Stomp A (Mod)	Modulation Rate
50	21	Stomp A (Mod)	Modulation Depth
50	22	Stomp A (Mod)	Modulation Feedback
50	23	Stomp A (Mod)	Modulation Crossover
50	24	Stomp A (Mod)	Modulation HyperChorus Amount
50	25	Stomp A (Mod)	Modulation Manual
50	26	Stomp A (Mod)	Modulation Phase Peak Spread
50	27	Stomp A (Mod)	Modulation Stages
50	30	Stomp A (Rot)	Rotary Speed (slow/fast)
50	31	Stomp A (Rot)	Rotary Distance

50	32	Stomp A (Rot)	Rotary Balance
50	33	Stomp A (Comp)	Compressor Squash
50	34	Stomp A (EQ)	Graphic EQ Band 1
50	35	Stomp A (EQ)	Graphic EQ Band 2
50	36	Stomp A (EQ)	Graphic EQ Band 3
50	37	Stomp A (EQ)	Graphic EQ Band 4
50	38	Stomp A (EQ)	Graphic EQ Band 5
50	39	Stomp A (EQ)	Graphic EQ Band 6
50	40	Stomp A (EQ)	Graphic EQ Band 7
50	41	Stomp A (EQ)	Graphic EQ Band 8
50	42	Stomp A (EQ)	Parametric EQ Low Gain
50	43	Stomp A (EQ)	Parametric EQ Low Frequency
50	44	Stomp A (EQ)	Parametric EQ High Gain
50	45	Stomp A (EQ)	Parametric EQ High Frequency
50	46	Stomp A (EQ)	Parametric EQ Peak Gain
50	47	Stomp A (EQ)	Parametric EQ Peak Frequency
50	48	Stomp A (EQ)	Parametric EQ Peak Q
50	49	Stomp A (EQ)	Parametric EQ Peak 2 Gain
50	50	Stomp A (EQ)	Parametric EQ Peak 2 Frequency
50	51	Stomp A (EQ)	Parametric EQ Peak 2 Q
50	52	Stomp A (Wah)	Wah Peak Range
50	53	Stomp A	Ducking
50	55	Stomp A (Pitch)	Voice Mix
50	56	Stomp A (Pitch)	Voice 1 Pitch
50	57	Stomp A (Pitch)	Voice 2 Pitch
50	58	Stomp A (Pitch)	Detune
50	60	Stomp A (Pitch)	Smooth Chords
50	61	Stomp A (Pitch)	Pure Tuning
50	64	Stomp A (Pitch)	Key
50	65	Stomp A (Pitch)	Freeze Formants
50	66	Stomp A (Pitch)	Formant Offset
50	67	Stomp A (Delay)	Low Cut
50	68	Stomp A (Delay)	High Cut
50	69	Stomp A (Delay)	Delay Mix
50	70	Stomp A (Delay)	Delay Mix Pre/Post
50	71	Stomp A (Delay)	Delay Time 1
50	72	Stomp A (Delay)	Delay Time 2
50	73	Stomp A (Delay)	Delay Ratio 2
50	74	Stomp A (Delay)	Delay Ratio 3
50	75	Stomp A (Delay)	Delay Ratio 4
50	76	Stomp A (Delay)	Delay Note Value 1
50	77	Stomp A (Delay)	Delay Note Value 2
50	78	Stomp A (Delay)	Delay Note Value 3
50	79	Stomp A (Delay)	Delay Note Value 4
50	80	Stomp A (Delay)	To Tempo
50	81	Stomp A (Delay)	Delay Volume 1
50	82	Stomp A (Delay)	Delay Volume 2
50	83	Stomp A (Delay)	Delay Volume 3
50	84	Stomp A (Delay)	Delay Volume 4
50	85	Stomp A (Delay)	Delay Panorama 1
50	86	Stomp A (Delay)	Delay Panorama 2
50	87	Stomp A (Delay)	Delay Panorama 3
50	88	Stomp A (Delay)	Delay Panorama 4
50	89	Stomp A (Delay)	Voice3 Pitch
50	90	Stomp A (Delay)	Voice4 Pitch
50	91	Stomp A (Delay)	Voice3 Interval

50	92	Stomp A (Delay)	Voice4 Interval
50	93	Stomp A (Delay)	Feedback
50	94	Stomp A (Delay)	Infinity Feedback
50	95	Stomp A (Delay)	Infinity
50	96	Stomp A (Delay)	Feedback2
50	97	Stomp A (Delay)	Feedback Sync Switch
50	98	Stomp A (Delay)	Delay Low Cut
50	99	Stomp A (Delay)	Delay High Cut
50	100	Stomp A (Delay)	Delay Filter Intensity
50	101	Stomp A (Delay)	Delay Modulation
50	102	Stomp A (Delay)	Delay Chorus
50	103	Stomp A (Delay)	Flutter Intensity
50	104	Stomp A (Delay)	Flutter Shape
50	105	Stomp A (Delay)	Grit
50	106	Stomp A (Delay)	Reverse Mix
50	107	Stomp A (Delay)	Swell
50	108	Stomp A (Delay)	Smear
50	109	Stomp A (Delay)	Ducking Pre/Post
51	*	Stomp B	Same as Stomp A
52	*	Stomp C	Same as Stomp A
53	*	Stomp D	Same as Stomp A
56	*	Effect X	Same as Stomp A
58	*	Effect Mod	Same as Stomp A
60	*	Delay (4.0+)	Same as Stomp A
74	0	Delay (Deprecated in 4.0)	Type (see below)
74	2	Delay (Deprecated in 4.0)	On/Off (cuts tails)
74	3	Delay (Deprecated in 4.0)	Mix
74	4	Delay (Deprecated in 4.0)	Volume
74	5	Delay (Deprecated in 4.0)	Time
74	6	Delay (Deprecated in 4.0)	Ratio
74	7	Delay (Deprecated in 4.0)	Clock Left
74	8	Delay (Deprecated in 4.0)	Clock Right
74	9	Delay (Deprecated in 4.0)	Feedback
74	10	Delay (Deprecated in 4.0)	Bandwidth
74	11	Delay (Deprecated in 4.0)	Frequency
74	12	Delay (Deprecated in 4.0)	Modulation
74	13	Delay (Deprecated in 4.0)	On/Off (keeps tails)
74	14	Delay (Deprecated in 4.0)	Ducking
75	0	Reverb	Type (see below)
75	2	Reverb	On/Off (cuts tails)
75	3	Reverb	Mix
75	4	Reverb	Volume
75	5	Reverb	Del/Rev Balance
75	6	Reverb	Time
75	7	Reverb	Damping
75	8	Reverb	Bandwidth
75	9	Reverb	Frequency
75	10	Reverb	Pre-Delay
75	11	Reverb	On/Off (keeps tails)
75	12	Reverb	Ducking
127	0	System/Global	Main Output Volume
127	1	System/Global	Headphone Output Volume
127	2	System/Global	Monitor Output Volume
127	3	System/Global	Direct Output Volume
127	11	System/Global	SPDIF Input Enable
127	12	System/Global	Main Output EQ Bass

127	13	System/Global	Main Output EQ Mids
127	14	System/Global	Main Output EQ Treble
127	15	System/Global	Main Output EQ Presence
127	17	System/Global	Monitor Output EQ Bass
127	18	System/Global	Monitor Output EQ Mids
127	19	System/Global	Monitor Output EQ Treble
127	20	System/Global	Monitor Output EQ Presence

<u>Value for effect type selection</u>	
Value	Effect Type
0	Null/Empty
Wah Wah	
1	Wah Wah
2	Wah Low Pass
3	Wah High Pass
4	Wah Vowel Filter
6	Wah Phaser
7	Wah Flanger
8	Wah Rate Reducer
9	Wah Ring Modulator
10	Wah Freq Shifter
12	Wah Formant Shift
Shapers	
17	Bit Shaper
18	Recti Shaper
19	Soft Shaper
20	Hard Shaper
21	Wave Shaper
Distortion	
33	Green Scream
34	Plus DS
35	One DS
36	Muffin
37	Mouse
38	Fuzz DS
39	Metal DS
Boosters	
113	Treble Booster
114	Lead Booster
115	Pure Booster
116	Wah Pedal Booster
EQs	
97	Graphic Equalizer
98	Studio Equalizer
99	Metal Equalizer
101	Stereo Widener
Dynamics	
49	Compressor
57	Gate 2:1
58	Gate 4:1
Modulation	
65	Vintage Chorus
66	Hyper Chorus
67	Air Chorus
71	-
68	Vibrato
69	Rotary Speaker
70	Tremolo
81	Phaser
82	Phaser Vibe
83	Phaser Oneway
89	Flanger

91	Flanger Oneway	
Loops		
121	Loop Mono	
122	Loop Stereo	
123	Loop Distortion	
Pitch		
129	Transpose	
11	Pedal Pitch	
130	Chromatic Pitch	
131	Harmonic Pitch	
Delay		
?	Single Delay	
?	Dual Delay	
?	TwoTap Delay	
?	Serial TwoTap Delay	
?	Rhythm Delay	
?	Quad Delay	
?	Legacy Delay	
?	Crystal Delay	
?	Loop Pitch Delay	
?	Freq Shifter Delay	
?	Dual Chromatic Delay	
?	Dual Harmonic Delay	
?	Dual Crystal Delay	
?	Dual Loop Pitch Delay	
?	Melody Chromatic Delay	
?	Melody Harmonic Delay	
?	Quad Chromatic Delay	
?	Quad Harmonic Delay	