

APPENDIX B: MIDI

This appendix lists the CC and NRPN specification for the Digitakt II.

B.1 TRACK PARAMETERS

TRACK				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Mute	94		1	101
Track level	95		1	100

B.2 TRIG PARAMETERS

TRIG PARAMETERS				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Note	3		3	0
Velocity	4		3	1
Length	5		3	2
Filter Trig	13			
LFO Trig	14			
Portamento Time	9		3	7
Portamento On/Off	65		3	8

B.3 SOURCE PARAMETERS

SOURCE				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Tune	16		1	0
Play Mode	17		1	1
Sample Bank Select	24		1	9
Sample Slot Select	19		1	8
Data entry knob E (machine dependent)	20		1	4
Data entry knob F (machine dependent)	21		1	5
Data entry knob G (machine dependent)	22		1	6
Sample Level	23		1	7

B.4 FILTER PARAMETERS

FILTER				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Filter Frequency	74		1	20
Data entry knob F (machine dependent)	75		1	21
Data entry knob G (machine dependent)	76		1	22
Env. Depth	77		1	23
Attack Time	70		1	16
Decay Time	71		1	17
Sustain Level	72		1	18
Release Time	73		1	19
Env. Delay	91		1	23
Key Tracking	92		1	69
Base	26		1	51

FILTER				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Width	27		1	52
Env. Reset	111		1	68

B.5 AMP PARAMETERS

AMP				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Attack Time	79		1	30
Hold Time	80		1	31
Decay Time	81		1	32
Sustain Level	82		1	33
Release Time	83		1	34
Env. Reset	88		1	41
Mode	87		1	40
Pan	90		1	38
Volume	89		1	39

B.6 EUCLIDEAN SEQUENCER PARAMETERS

AMP				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Pulse Generator 1			3	8
Pulse Generator 2			3	9
Euclidean Mode On/Off			3	14
Rotation Generator 1			3	11
Rotation Generator 2			3	12
Track Rotation			3	13
Boolean Operator			3	10

B.7 FX PARAMETERS

AMP				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Bit Reduction	54			
Overdrive	57			
Sample Rate Reduction	55			
SRR Routing	56			
Delay Send	84		1	36
Reverb Send	85		1	37
Chorus Send	12		1	35

B.8 MOD PARAMETERS

Note that the LFO 1/2/3 speed and depth are high-resolution parameters, with CC LSB values.

LFO 1				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Speed	102	58	1	42
Multiplier	103		1	43
Fade In/Out	104		1	44

LFO 1				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Destination	105		1	45
Waveform	106		1	46
Start Phase	107		1	47
Trig Mode	108		1	48
Depth	109	59	1	49

LFO 2				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Speed	112	60	1	50
Multiplier	113		1	51
Fade In/Out	114		1	52
Destination	115		1	53
Waveform	116		1	54
Start Phase	117		1	55
Trig Mode	118		1	56
Depth	119	61	1	57

LFO 3				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Speed	78	62	1	58
Multiplier	52		1	59
Fade In/Out	53		1	60
Destination	28		1	61
Waveform	29		1	62
Start Phase	30		1	70
Trig Mode	31		1	71
Depth	86	63	1	72

B.9 SEND FX PARAMETERS

DELAY				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Delay Time	21		2	0
Pingpong	22		2	1
Stereo Width	23		2	2
Feedback	24		2	3
Highpass Filter	25		2	4
Lowpass Filter	26		2	5
Reverb Send	27		2	6
Mix Volume	28		2	7

REVERB				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Predelay	29		2	8
Decay Time	30		2	9
Shelving Freq	31		2	10

REVERB				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Shelving Gain	89		2	11
Highpass Filter	90		2	12
Lowpass Filter	91		2	13
Mix Volume	92		2	15

CHORUS				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Depth	16		2	41
Speed	9		2	42
High Pass Filter	70		2	43
Width	71		2	44
Delay Send	12		2	45
Reverb Send	13		2	46
Mix Volume	14		2	47

B.10 MIXER PARAMETERS

COMPRESSOR				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Threshold	111		2	16
Attack Time	112		2	17
Release Time	113		2	18
Makeup Gain	114		2	19
Pattern Volume	119		2	24
Ratio	115		2	20
Sidechain Source	116		2	21
Sidechain Filter	117		2	22
Dry/Wet Mix	118		2	23

EXTERNAL IN MIXER				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Dual Mono	82		2	40
Input L Level	72		2	30
Input L Pan	74		2	32
Input R Level	73		2	31
Input R Pan	75		2	33
Input L Delay Send	78		2	36
Input R Delay Send	79		2	35
Input L Reverb Send	80		2	38
Input R Reverb Send	81		2	39
Input L Chorus Send	76		2	34
Input R Chorus Send	77		2	35
Input L R Level	72		2	30
Input L R Balance	74		2	32
Input L R Delay Send	78		2	36

EXTERNAL IN MIXER				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Input L R Reverb Send	80		2	38
Input L R Chorus Send	76		2	34

B.8 VAL PARAMETERS

These are the CC VAL parameters on the [FLTR] and [AMP] pages for MIDI tracks.

CC VAL				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
VAL1	70		1	16
VAL2	71		1	17
VAL3	72		1	18
VAL4	73		1	19
VAL5	74		1	20
VAL6	75		1	21
VAL7	76		1	22
VAL8	77		1	23
VAL9			1	60
VAL10			1	61
VAL11			1	62
VAL12			1	63
VAL13			1	64
VAL14			1	65
VAL15			1	66
VAL16			1	67

B.9 MISC PARAMETERS

MISC				
Parameter	CC MSB	CC LSB	NRPN MSB	NRPN LSB
Pattern Mute	110		1	104
Sample Slot	19		1	8
Sample Bank	24		1	9
Master Overdrive	17		2	37