

MIDI Specification

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KNOBS:	CC#	Value Range
Type encoder	19	0-11
Time	3	0-127
Repeats	9	0-127
Mix	14	0-127
Filter	15	0-127
Grit	16	0-127
Speed	17	0-127
Depth	18	0-127

PARAMETERS:

Tap Division	21	0-4
Boost	23	0-60
Persist	22	0-1
Smear	38	0-18
High Pass	47	0-20

dTAPE - Tape Speed	58	0-1
dTAPE - Low End	59	0-20
dBUCKET - Range	45	0-1
DIGITAL - Repeat Dynamics	56	0-1
DUAL - Time 2	32	0-26
DUAL - Repeats 2	34	0-18
DUAL - Mix 2	33	0-18
DUAL - Config	36	0-1
PATTERN - Pattern	39	0-15
SWELL - Rise Time	44	0-27
TREM - Speed	61	0-34
TREM - Depth	57	0-18
TREM - LFO	29	0-4
FILTER - Q	40	0-11
FILTER - LFO	28	0-10
FILTER - Depth	41	0-18
FILTER - Speed	42	0-34
FILTER - Location	43	0-1
LO-Fi - Mix	51	0-20
LO-Fi - Vinyl	52	0-18
LO-Fi - Sample Rate	49	0-20
LO-Fi - Bit Depth	50	0-20
LO-Fi - Filter	53	0-8
ICE - interval	30	0-29
ICE - slice	46	0-2
ICE - blend	25	0-20
DUCK - Sensitivity	37	0-17
DUCK - Release	55	0-20
DUCK - Feedback	54	0-1

LOOPER:

Record	87	any
Play	86	any
Stop	85	any
Reverse (toggle)	94	any
Full/Half Speed (toggle)	95	any
Pre/Post (toggle)	96	any
Undo (to initial loop)	89	any
Redo	90	any
Looper Level	98	0-17