

LVX MIDI CC Parameter Map						
Dynamic Category						
CC 62	Dynamics Type	0 to 25 = OFF 26 to 51 = COMPRESSOR 52 to 76 = SWELL 77 to 102 = DIFFUSION 103 to 127 = LIMITER				
CC 63	Dynamics Location	0 to 31 = PRE+DRY 32 to 63 = PRE 64 to 95 = FDBK 96 to 127 = POST				
	COMPRESSOR	SWELL	DIFFUSION	LIMITER		
CC 64	THRESHOLD Range: -65 to 0 dB Data: 0 to 127	ATTACK Range: 10 ms to 1000 ms Data: 0 to 127	DENSITY Range: 0 to 100% Data: 0 to 127	THRESHOLD Range: -65 to 0 dB Data: 0 to 127		
CC 65	RATIO Range: 1:1 to 40:1 Data: 0 to 127	GAIN Range: 0 to 6 dB Data: 0 to 127	LPF Range: 0 Hz to 24 kHz Data: 0 to 127			
CC 66	GAIN Range: 0 to 20 dB Data: 0 to 127			GAIN Range: 0 to 20 dB Data: 0 to 127		
CC 67	ATTACK 0 to 42 = FAST 43 to 85 = MEDIUM 86 to 127 = SLOW					
CC 68	RELEASE 0 to 42 = FAST 43 to 85 = MEDIUM 86 to 127 = SLOW			RELEASE 0 to 42 = FAST 43 to 85 = MEDIUM 86 to 127 = SLOW		
CC 69	MIX Range: 0 to 100% Data: 0 to 127					
Preamp Category						
CC 5	Preamp Type	0 to 18 = OFF 19 to 36 = VOLUME PEDAL 37 to 54 = TUBE 55 to 73 = TRANSISTOR 74 to 91 = OP-AMP 92 to 109 = DRIVE 110 to 127 = BIT CRUSHER				
CC 6	Preamp Location	0 to 31 = PRE+DRY 32 to 63 = PRE 64 to 95 = FDBK 96 to 127 = POST				
	VOLUME PEDAL	TUBE	TRANSISTOR	OP-AMP	DRIVE	BIT CRUSHER
CC 7	LEVEL Range: 0 -100% Data: 0 to 127	GAIN Range: 0 -100% Data: 0 to 127	GAIN Range: 0 -100% Data: 0 to 127	GAIN Range: 0 -100% Data: 0 to 127	GAIN Range: 0 -100% Data: 0 to 127	DECIMATION Range: 20 Hz to 48 kHz Data: 0 -127
CC 8	BALANCE Range: -100% to 100% Data: 0 to 127				BASS Range: 0 -100% Data: 0 to 127	BIT DEPTH Range: 1 to 32 Bits Data: 0 to 127
CC 9					MID Range: 0 -100% Data: 0 to 127	LEVEL Range: 0 -100% Data: 0 to 127
CC 10					TREBLE Range: 0 -100% Data: 0 to 127	
CC 11		LEVEL Range: 0 -100% Data: 0 to 127	LEVEL Range: 0 -100% Data: 0 to 127	LEVEL Range: 0 -100% Data: 0 to 127	LEVEL Range: 0 -100% Data: 0 to 127	
Filter Category						
CC 78	Filter Type	0 to 25 = OFF 26 to 51 = LADDER 52 to 76 = STATE VAR 77 to 102 = COMB 103 to 127 = PARAMETRIC				
CC 79	Filter Location	0 to 31 = PRE+DRY 32 to 63 = PRE 64 to 95 = FDBK 96 to 127 = POST				
TYPE	LADDER	STATE VAR	COMB	PARAMETRIC		

CC 80	FREQUENCY Range: 20 Hz to 15kHz Data: 0 to 127	FREQUENCY Range: 20Hz to 10kHz Data: 0 to 127	DEPTH Range: 20 to 0 msec Data: 0 to 127	FREQUENCY Range: 40Hz to 5kHz Data: 0 to 127		
CC 81	RESONANCE Range: 0.5 to 10 Data: 0 to 127	RESONANCE Range: 0.5 to 10 Data: 0 to 127	RESONANCE Range: -100% to 100% Data: 0 to 127	RESONANCE Range: 0.5 to 10 Data: 0 to 127		
CC 82	TOPOLOGY 0 to 42 LP 43 to 85 BP 86 to 127 HP	TOPOLOGY 0 to 42 LP 43 to 85 BP 86 to 127 HP	LEVEL Range: 0 -100% Data: 0 to 127	TOPOLOGY 0 to 42 LP 43 to 85 BP 86 to 127 HP		
CC 83	SPREAD Range: 0 to 100% Data: 0 to 127	SPREAD Range: 0 to 100% Data: 0 to 127	SPREAD Range: 0 to 100% Data: 0 to 127	GAIN -10 dB to 10 dB Data: 0 to 127		
Modulation Category						
CC 86	Mod Type	0 to 15 = OFF 16 to 31 = CHORUS 32 to 47 = FLANGER 48 to 63 = DYN FLANGER 64 to 79 = CASSETTE 80 to 95 = BARBERPOLE 96 to 111 = GRANULIZE 112 to 127 = RING MOD				
CC 87	Mod Location	0 to 31 = PRE+DRY 32 to 63 = PRE 64 to 95 = FDBK 96 to 127 = POST				
	CHORUS	FLANGER	DYN FLANGER	CASSETTE	BARBERPOLE	GRANULIZE
CC 88	SPEED Range: 0 to 10Hz Data: 0 to 127	SPEED Range: 0 to 10Hz Data: 0 to 127	ATK SPEED Range: 0 to 100% Data: 0 to 127	SLIP Range: 0 to 100% Data: 0 to 127	SPEED Range: 0 to 10Hz Data: 0 to 127	SIZE Range: 1 to 600 msec Data: 0 to 127
CC 89	DEPTH Range: 0 to 100% Data: 0 to 127	DEPTH Range: 0 to 100% Data: 0 to 127	DEPTH Range: 0 to 100% Data: 0 to 127	CRINKLE Range: 0 to 100% Data: 0 to 127	FEEDBACK Range: 0 to 100% Data: 0 to 127	REPEATS 0 to 50 repeats Data: 0 to 127
CC 90				STATIC Range: 0 to 100% Data: 0 to 127		SPREAD Range: 0 to 100% Data: 0 to 127
CC 91		FEEDBACK Range: -100% to 100% Data: 0 to 127	FEEDBACK Range: -100% to 100% Data: 0 to 127	HIGHS Range: 0 to 100% Data: 0 to 127	DIRECTION 0 to 42 = UP 43 to 85 = DOWN 86 to 127 = BOTH	DIRECTION 0 to 63 = FWD 64 to 127 = REV
CC 92	MIX Range: 0 to 100% Data: 0 to 127	MIX Range: 0 to 100% Data: 0 to 127	MIX Range: 0 to 100% Data: 0 to 127	MIX Range: 0 to 100% Data: 0 to 127		
CC 93			DIRECTION 0 to 42 = UP 43 to 85 = DOWN 86 to 127 = BOTH	LOWS Range: 0 to 100% Data: 0 to 127		
Pitch Category						
CC 70	Pitch Type	0 to 21 = OFF 22 to 42 = POLY CHROMA 43 to 63 = HARMONY 64 to 85 = MICRO TUNE 86 to 106 = MONO CHROMA 107 to 127 = LO-FI				
CC 71	Pitch Location	0 to 31 = PRE+DRY 32 to 63 = PRE 64 to 95 = FDBK 96 to 127 = POST				
	POLY CHROMA	HARMONY	MICRO TUNE	MONO CHROMA	LO-FI	

CC 72	PITCH Range: -12 m2 to 12 m2 Data: 0 to 127	PITCH L 0 to 7 = -2 Oct 8 to 15 = Oct 16 to 22 = -7th 23 to 30 = -6th 31 to 37 = -5th 38 to 45 = -4th 46 to 52 = -3rd 53 to 60 = -2nd 61 to 67 = Unison 68 to 75 = 2nd 76 to 82 = 3rd 83 to 90 = 4th 91 to 97 = 5th 98 to 105 = 6th 106 to 112 = 7th 113 to 120 = Oct 121 to 127 = +2 Oct	PITCH L Range: -50 to 50 cents Data: 0 -127	PITCH L 0 to 4 = -24 m2 5 to 9 = -12 m2 10 to 14 = -11 m2 15 to 18 = -10 m2 19 to 23 = -9 m2 24 to 28 = -8 m2 29 to 33 = -7 m2 34 to 37 = -6 m2 38 to 42 = -5 m2 43 to 47 = -4 m2 48 to 52 = -3 m2 53 to 56 = -2 m2 57 to 61 = -1 m2 62 to 66 = Unison 67 to 71 = 1 m2 72 to 75 = 2 m2 76 to 80 = 3 m2 81 to 85 = 4 m2 86 to 90 = 5 m2 91 to 94 = 6 m2 95 to 99 = 7 m2 100 to 104 = 8 m2 105 to 109 = 9 m2 110 to 113 = 10 m2 114 to 118 = 11 m2 119 to 123 = 12 m2 124 to 127 = 24 m2	PITCH L Range: -12 m2 to 12 m2 Data: 0 to 127	
CC 73		PITCH R 0 to 7 = -2 Oct 8 to 15 = Oct 16 to 22 = -7th 23 to 30 = -6th 31 to 37 = -5th 38 to 45 = -4th 46 to 52 = -3rd 53 to 60 = -2nd 61 to 67 = Unison 68 to 75 = 2nd 76 to 82 = 3rd 83 to 90 = 4th 91 to 97 = 5th 98 to 105 = 6th 106 to 112 = 7th 113 to 120 = Oct 121 to 127 = +2 Oct	PITCH R Range: -50 to 50 cents Data: 0 -127	PITCH R 0 to 4 = -24 m2 5 to 9 = -12 m2 10 to 14 = -11 m2 15 to 18 = -10 m2 19 to 23 = -9 m2 24 to 28 = -8 m2 29 to 33 = -7 m2 34 to 37 = -6 m2 38 to 42 = -5 m2 43 to 47 = -4 m2 48 to 52 = -3 m2 53 to 56 = -2 m2 57 to 61 = -1 m2 62 to 66 = Unison 67 to 71 = 1 m2 72 to 75 = 2 m2 76 to 80 = 3 m2 81 to 85 = 4 m2 86 to 90 = 5 m2 91 to 94 = 6 m2 95 to 99 = 7 m2 100 to 104 = 8 m2 105 to 109 = 9 m2 110 to 113 = 10 m2 114 to 118 = 11 m2 119 to 123 = 12 m2 124 to 127 = 24 m2	PITCH R Range: -12 m2 to 12 m2 Data: 0 to 127	
CC 74	MIX Range: 0 to 100% Data: 0 to 127	MIX Range: 0 to 100% Data: 0 to 127	MIX Range: 0 to 100% Data: 0 to 127	MIX Range: 0 to 100% Data: 0 to 127	MIX Range: 0 to 100% Data: 0 to 127	
CC 75		KEY 0 to 10 = C 11 to 21 = Db 22 to 31 = D 32 to 42 = Eb 43 to 53 = E 54 to 63 = F 64 to 74 = Gb 75 to 85 = G 86 to 95 = Ab 96 to 106 = A 107 to 117 = Bb 118 to 127 = B				
CC 76		SCALE 0 to 18 = MAJOR 19 to 36 = MINOR 37 to 54 = HARMONIC MINOR 55 to 73 = MELODIC MINOR 74 to 91 = DOUBLE HARMONIC 92 to 109 = LYDIAN PENTA 110 to 127 = PENTATONIC				
CC 77		GLIDE 0 to 63 = OFF 64 to 127 = ON		GLIDE 0 to 63 = OFF 64 to 127 = ON		
Delay						

CC 14	Bypass	0 to 63 = FX BYPASS 64 to 127 = FX ENABLE				
CC 13	Delay Structure	0 to 21 = STANDARD 22 to 42 = MULTI TAP 43 to 63 = MULTI FILTER 64 to 85 = POLY 86 to 106 = REVERSE 107 to 127 = SERIES				
CC 15	TIME	Range: 0 to 2540 ms Data: 0 to 127				
CC 16	Delay Type	0 to 42 = DIGITAL 43 to 85 = BBD 86 to 127 = TAPE				
CC 17	Left Note Division	0 to 7 = OFF 8 to 15 = WHOLE 16 to 22 = DOTTED HALF 23 to 30 = HALF 31 to 37 = TRIPLET HALF 38 to 45 = DOTTED QTR 46 to 52 = QUARTER 53 to 60 = TRIPLET QTR 61 to 67 = DOTTED 8TH 68 to 75 = EIGHTH 76 to 82 = TRIPLET 8TH 83 to 90 = DOTTED 16TH 91 to 97 = SIXTEETH 98 to 105 = TRIPLET 16TH 106 to 112 = DOTTED 32nd 113 to 120 = 32ND 121 to 127 = TRIPLET 32ND				
CC 18	Right Note Division	0 to 7 = OFF 8 to 15 = WHOLE 16 to 22 = DOTTED HALF 23 to 30 = HALF 31 to 37 = TRIPLET HALF 38 to 45 = DOTTED QTR 46 to 52 = QUARTER 53 to 60 = TRIPLET QTR 61 to 67 = DOTTED 8TH 68 to 75 = EIGHTH 76 to 82 = TRIPLET 8TH 83 to 90 = DOTTED 16TH 91 to 97 = SIXTEETH 98 to 105 = TRIPLET 16TH 106 to 112 = DOTTED 32nd 113 to 120 = 32ND 121 to 127 = TRIPLET 32ND				
CC 19	Feedback	Range: 0 to 100% Data: 0 to 127				
CC 20	Cross Feedback	Range: 0 to 100% Data: 0 to 127				
CC 21	Delay Mod	Range: 0 to 100% Data: 0 to 127				
	STANDARD	MULTI TAP	MULTI FILTER	POLY	REVERSE	SERIES
CC 22		TAP 1 Range: 0 to 100% Data: 0 to 127	TAP 1 Range: 0 to 100% Data: 0 to 127	0 to 21 = 1 TAP 22 to 42 = 2 TAPS 43 to 63 = 3 TAPS 64 to 85 = 4 TAPS 86 to 106 = 5 TAPS 107 to 127 = 6 TAPS		FEEDBACK 2 Range: 0 to 100% Data: 0 to 127
CC 23		TAP 2 Range: 0 to 100% Data: 0 to 127	TAP 2 Range: 0 to 100% Data: 0 to 127	DIMENSION Range: 0 to 100% Data: 0 to 127		MID MIX Range: 0 to 100% Data: 0 to 127
CC 24		TAP 3 Range: 0 to 100% Data: 0 to 127	TAP 3 Range: 0 to 100% Data: 0 to 127	LEVEL 0 = AUTO 1 to 127 = 0 to 100%		L DIV 2 Range: 0 to 100% Data: 0 to 127
CC 25		TAP 4 Range: 0 to 100% Data: 0 to 127	TAP 4 Range: 0 to 100% Data: 0 to 127	0 to 7 = OFF 8 to 15 = SLOW & SHALLOW 16 to 23 = MED & SHALLOW 24 to 31 = MED & WIDE 32 to 39 = FAST & SHALLOW 40 to 47 = FAST & WIDE 48 to 55 = 24 Hz FM 56 to 63 = 48 Hz FM 64 to 71 = 96 Hz FM 72 to 79 = m2 DWN & M2 UP 80 to 84 = OCT DWN & m3 UP 88 to 95 = 5th DWN & 4th UP 96 to 103 = TREMOLO 4th UP 104 to 111 = OCT DWN & 5th UP 112 to 119 = 5th DWN & OCT UP 120 to 127 = OCTAVE DWN & UP		R DIV 2 Range: 0 to 100% Data: 0 to 127

CC 26		TAP 5 Range: 0 to 100% Data: 0 to 127	TAP 5 Range: 0 to 100% Data: 0 to 127	0 to 7 = OFF 8 to 15 = SLOW & SHALLOW 16 to 23 = MED & SHALLOW 24 to 31 = MED & WIDE 32 to 39 = FAST & SHALLOW 40 to 47 = FAST & WIDE 48 to 55 = 24 Hz FM 56 to 63 = 48 Hz FM 64 to 71 = 96 Hz FM 72 to 79 = m2 DWN & M2 UP 80 to 84 = OCT DWN & m3 UP 88 to 95 = 5th DWN & 4th UP 96 to 103 = TREMOLO 4th UP 104 to 111 = OCT DWN & 5th UP 112 to 119 = 5th DWN & OCT UP 120 to 127 = OCTAVE DWN & UP		
CC 27		TAP 6 Range: 0 to 100% Data: 0 to 127	TAP 6 Range: 0 to 100% Data: 0 to 127			
CC 28		TAP 7 Range: 0 to 100% Data: 0 to 127	TAP 7 Range: 0 to 100% Data: 0 to 127			
CC 29		TAP 8 Range: 0 to 100% Data: 0 to 127	TAP 8 Range: 0 to 100% Data: 0 to 127			
CC 30			FILTER 1 Range: 20Hz to 10kHz Data: 0 to 127			
CC 31			FILTER 2 Range: 20Hz to 10kHz Data: 0 to 127			
CC 32			FILTER 3 Range: 20Hz to 10kHz Data: 0 to 127			
CC 33			FILTER 4 Range: 20Hz to 10kHz Data: 0 to 127			
CC 34			FILTER 5 Range: 20Hz to 10kHz Data: 0 to 127			
CC 35			FILTER 6 Range: 20Hz to 10kHz Data: 0 to 127			
CC 36			FILTER 7 Range: 20Hz to 10kHz Data: 0 to 127			
CC 37			FILTER 8 Range: 20Hz to 10kHz Data: 0 to 127			
CC 38		LEVEL 1 Range: 0 to 100% Data: 0 to 127	LEVEL 1 Range: 0 to 100% Data: 0 to 127			
CC 39		LEVEL 2 Range: 0 to 100% Data: 0 to 127	LEVEL 2 Range: 0 to 100% Data: 0 to 127			
CC 40		LEVEL 3 Range: 0 to 100% Data: 0 to 127	LEVEL 3 Range: 0 to 100% Data: 0 to 127			
CC 41		LEVEL 4 Range: 0 to 100% Data: 0 to 127	LEVEL 4 Range: 0 to 100% Data: 0 to 127			
CC 42		LEVEL 5 Range: 0 to 100% Data: 0 to 127	LEVEL 5 Range: 0 to 100% Data: 0 to 127			
CC 43		LEVEL 6 Range: 0 to 100% Data: 0 to 127	LEVEL 6 Range: 0 to 100% Data: 0 to 127			
CC 44		LEVEL 7 Range: 0 to 100% Data: 0 to 127	LEVEL 7 Range: 0 to 100% Data: 0 to 127			
CC 45		LEVEL 8 Range: 0 to 100% Data: 0 to 127	LEVEL 8 Range: 0 to 100% Data: 0 to 127			
CC 46		PAN 1 Range: 0 to 100% Data: 0 to 127	PAN 1 Range: 0 to 100% Data: 0 to 127			
CC 47		PAN 2 Range: 0 to 100% Data: 0 to 127	PAN 2 Range: 0 to 100% Data: 0 to 127			
CC 48		PAN 3 Range: 0 to 100% Data: 0 to 127	PAN 3 Range: 0 to 100% Data: 0 to 127			

CC 49		PAN 4 Range: 0 to 100% Data: 0 to 127	PAN 4 Range: 0 to 100% Data: 0 to 127			
CC 50		PAN 5 Range: 0 to 100% Data: 0 to 127	PAN 5 Range: 0 to 100% Data: 0 to 127			
CC 51		PAN 6 Range: 0 to 100% Data: 0 to 127	PAN 6 Range: 0 to 100% Data: 0 to 127			
CC 52		PAN 7 Range: 0 to 100% Data: 0 to 127	PAN 7 Range: 0 to 100% Data: 0 to 127			
CC 53		PAN 8 Range: 0 to 100% Data: 0 to 127	PAN 8 Range: 0 to 100% Data: 0 to 127			
CC 54			Q 1 Range: 0.5 to 10 Data: 0 to 127			
CC 55			Q 2 Range: 0.5 to 10 Data: 0 to 127			
CC 56			Q 3 Range: 0.5 to 10 Data: 0 to 127			
CC 57			Q 4 Range: 0.5 to 10 Data: 0 to 127			
CC 58			Q 5 Range: 0.5 to 10 Data: 0 to 127			
CC 59			Q 6 Range: 0.5 to 10 Data: 0 to 127			
CC 60			Q 7 Range: 0.5 to 10 Data: 0 to 127			
CC 61			Q 8 Range: 0.5 to 10 Data: 0 to 127			
Looper						
CC 94	Looper Location	0 to 25 = PRE + DRY 26 to 51 = PRE 52 to 76 = FEEDBACK 77 to 102 = POST 103 to 127 = POST MIX				
CC 95	Looper Level	Range: 0 to 100% Data: 0 to 127				
CC 96	Looper Feedback	Range: 0 to 100% Data: 0 to 127				
CC 97	Looper FX1 Select	0 to 42 = PLAY ONCE 43 to 85 = RETRIGGER 86 to 127 = EXP PEDAL WARP				
CC 98	Looper FX2 Select	0 to 42 = REVERSE 43 to 85 = HALF SPEED 86 to 127 = HALF SPEED / REV				
CC 100	Looper Record / Overdub Pre	Press = 127				
CC 101	Looper Play / Stop Press	Press = 127				
CC 102	Looper FX1 Press	Press = 127				
CC 103	Looper FX2 Press	Press = 127				