

Definition Poly User Voice Data  
d.d. 25 May 1998

Byte	bit	Operator	Parameter Group	Parameter	Value	Data
0x0000	0 - 7	8	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0001	0 - 7	7	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0002	0 - 7	6	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0003	0 - 7	5	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0004	0 - 7	4	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0005	0 - 7	3	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0006	0 - 7	2	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0007	0 - 7	1	EG Control & Level	Brilliance Coefficient	-127 - +127	81 - 7F
0x0008	0	5 - 8	EG Control & Level	Touch Mode	0, 1	00 - 01
	1, 2			Feet	32', 16', 8', 4'	00 - 06
0x000A	0	1 - 4	EG Control & Level	Touch Mode	0, 1	00 - 01
	1, 2			Feet	32', 16', 8', 4'	00 - 06
0x000C	0 - 2	8	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08
	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x000D	0 - 2	8	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8

0x000E	0 - 2	8	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78
0x000F	0 - 7	8	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x000E+ 0x000F	0 - 15	8	Pitch	Frequency Offset	0000 - 03FF	
0x0010	0 - 7	8	EG Control & Level	Output Level	0 - 255	FF - 00
0x0011	0	8	EG Control & Level	Right Curve	LIN, EXP	0, 1
	1			Left Curve	LIN, EXP	0, 2
	2 - 6			Break Point	C0# - A7#	00 - 7C
0x0012	0 - 3	8	EG Control & Level	Right Slope	0 - 15	00 - 0F
	4 - 7			Left Slope	0 - 15	00 - F0
0x0013	0 - 3	8	Wave & Slide	Touch level sensitivity	0 - 15	00 - 0F
	4, 5			Amplitude Mod Depth	0 - 3	00 - 30
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0, 1
0x0014	0 - 2	8	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40
0x0015	0 - 5	8	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x0016	0 - 5	8	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x0017	0 - 5	8	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0

0x0018	0 - 5	8	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x0019	0 - 5	8	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x001A	0 - 5	8	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x001B	0 - 5	8	Envelope Generator	Sustain Level	0 - 63	00 - 3F
0x001C	0 - 5	8	Envelope Generator	Release Level	0 - 63	00 - 3F
0x001D	3 - 5	8	Wave & Slide	Wave Select	€	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x001F	0 - 2	7	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08
	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x0020	0 - 2	7	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8
0x0021	0 - 2	7	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78
0x0022	0 - 7	7	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x0021+ 0x0022	0 - 15	7	Pitch	Frequency Offset	0000 - 03FF	
0x0023	0 - 7	7	EG Control & Level	Output Level	0 - 255	FF - 00
0x0024	0	7	EG Control & Level	Right Curve	LIN, EXP	0, 1
	1			Left Curve	LIN, EXP	0, 2

	2 - 6			Break Point	C0# - A7#	00 - 7C
0x0025	0 - 3	7	EG Control & Level	Right Slope	0 - 15	00 - 0F
	4 - 7			Left Slope	0 - 15	00 - F0
0x0026	0 - 3	7	Wave & Slide	Touch level sensitivity	0 - 15	00 - 0F
	4, 5			Amplitude Mod Depth	0 - 3	00 - 30
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0, 1
0x0027	0 - 2	7	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40
0x0028	0 - 5	7	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x0029	0 - 5	7	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x002A	0 - 5	7	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0
0x002B	0 - 5	7	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x002C	0 - 5	7	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x002D	0 - 5	7	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x002E	0 - 5	7	Envelope Generator	Sustain Level	0 - 63	00 - 3F

0x002F	0 - 5	7	Envelope Generator	Release Level	0 - 63	00 - 3F
0x0030	3 - 5	7	Wave & Slide	Wave Select	€	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x0032	0 - 2	6	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08
	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x0033	0 - 2	6	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8
0x0034	0 - 2	6	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78
0x0035	0 - 7	6	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x0034+ 0x0035	0 - 15	6	Pitch	Frequency Offset	0000 - 03FF	
0x0036	0 - 7	6	EG Control & Level	Output Level	0 - 255	
0x0037	0	6	EG Control & Level	Right Curve	LIN, EXP	
	1			Left Curve	LIN, EXP	
	2 - 6			Break Point	C0# - A7#	0x0112
0x0038	0 - 3	6	EG Control & Level	Right Slope	0 - 15	
	4 - 7			Left Slope	0 - 15	
0x0039	0 - 3	6	Wave & Slide	Touch level sensitivity	0 - 15	0x0113
	4, 5			Amplitude Mod Depth	0 - 3	0x0114
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0x0113+ 0x0114

0x003A	0 - 2	6	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40
0x003B	0 - 5	6	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x003C	0 - 5	6	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x003D	0 - 5	6	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0
0x003E	0 - 5	6	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x003F	0 - 5	6	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x0040	0 - 5	6	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x0041	0 - 5	6	Envelope Generator	Sustain Level	0 - 63	00 - 3F
0x0042	0 - 5	6	Envelope Generator	Release Level	0 - 63	00 - 3F
0x0043	3 - 5	6	Wave & Slide	Wave Select	∅	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x0045	0 - 2	5	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08

	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x0046	0 - 2	5	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8
0x0047	0 - 2	5	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78
0x0048	0 - 7	5	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x0047+ 0x0048	0 - 15	5	Pitch	Frequency Offset	0000 - 03FF	
0x0049	0 - 7	5	EG Control & Level	Output Level	0 - 255	FF - 00
0x004A	0	5	EG Control & Level	Right Curve	LIN, EXP	0, 1
	1			Left Curve	LIN, EXP	0, 2
	2 - 6			Break Point	C0# - A7#	00 - 7C
0x004B	0 - 3	5	EG Control & Level	Right Slope	0 - 15	00 - 0F
	4 - 7			Left Slope	0 - 15	00 - F0
0x004C	0 - 3	5	Wave & Slide	Touch level sensitivity	0 - 15	00 - 0F
	4, 5			Amplitude Mod Depth	0 - 3	00 - 30
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0, 1
0x004D	0 - 2	5	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40

0x004E	0 - 5	5	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x004F	0 - 5	5	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x0050	0 - 5	5	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0
0x0051	0 - 5	5	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x0052	0 - 5	5	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x0053	0 - 5	5	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x0054	0 - 5	5	Envelope Generator	Sustain Level	0 - 63	00 - 3F
0x0055	0 - 5	5	Envelope Generator	Release Level	0 - 63	00 - 3F
0x0056	3 - 5	5	Wave & Slide	Wave Select	☐	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x0058	0 - 2	4	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08
	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x0059	0 - 2	4	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8
0x005A	0 - 2	4	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78



0x005B	0 - 7	4	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x005A+ 0x005B	0 - 15	4	Pitch	Frequency Offset	0000 - 03FF	
0x005C	0 - 7	4	EG Control & Level	Output Level	0 - 255	FF - 00
0x005D	0	4	EG Control & Level	Right Curve	LIN, EXP	0, 1
	1			Left Curve	LIN, EXP	0, 2
	2 - 6			Break Point	C0# - A7#	00 - 7C
0x005E	0 - 3	4	EG Control & Level	Right Slope	0 - 15	00 - 0F
	4 - 7			Left Slope	0 - 15	00 - F0
0x005F	0 - 3	4	Wave & Slide	Touch level sensitivity	0 - 15	00 - 0F
	4, 5			Amplitude Mod Depth	0 - 3	00 - 30
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0, 1
0x0060	0 - 2	4	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40
0x0061	0 - 5	4	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x0062	0 - 5	4	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x0063	0 - 5	4	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0

0x0064	0 - 5	4	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x0065	0 - 5	4	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x0066	0 - 5	4	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x0067	0 - 5	4	Envelope Generator	Sustain Level	0 - 63	00 - 3F
0x0068	0 - 5	4	Envelope Generator	Release Level	0 - 63	00 - 3F
0x0069	3 - 5	4	Wave & Slide	Wave Select	€	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x006B	0 - 2	3	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08
	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x006C	0 - 2	3	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8
0x006D	0 - 2	3	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78
0x006E	0 - 7	3	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x006D+ 0x006E	0 - 15	3	Pitch	Frequency Offset	0000 - 03FF	
0x006F	0 - 7	3	EG Control & Level	Output Level	0 - 255	FF - 00
0x0070	0	3	EG Control & Level	Right Curve	LIN, EXP	0, 1
	1			Left Curve	LIN, EXP	0, 2

	2 - 6			Break Point	C0# - A7#	00 - 7C
0x0071	0 - 3	3	EG Control & Level	Right Slope	0 - 15	00 - 0F
	4 - 7			Left Slope	0 - 15	00 - F0
0x0072	0 - 3	3	Wave & Slide	Touch level sensitivity	0 - 15	00 - 0F
	4, 5			Amplitude Mod Depth	0 - 3	00 - 30
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0, 1
0x0073	0 - 2	3	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40
0x0074	0 - 5	3	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x0075	0 - 5	3	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x0076	0 - 5	3	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0
0x0077	0 - 5	3	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x0078	0 - 5	3	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x0079	0 - 5	3	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x007A	0 - 5	3	Envelope Generator	Sustain Level	0 - 63	00 - 3F

0x007B	0 - 5	3	Envelope Generator	Release Level	0 - 63	00 - 3F
0x007C	3 - 5	3	Wave & Slide	Wave Select	€	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x007E	0 - 2	2	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08
	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x007F	0 - 2	2	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8
0x0080	0 - 2	2	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78
0x0081	0 - 7	2	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x0080+ 0x0081	0 - 15	2	Pitch	Frequency Offset	0000 - 03FF	
0x0102	0 - 7	2	EG Control & Level	Output Level	0 - 255	FF - 00
0x0103	0	2	EG Control & Level	Right Curve	LIN, EXP	0, 1
	1			Left Curve	LIN, EXP	0, 2
	2 - 6			Break Point	C0# - A7#	00 - 7C
0x0104	0 - 3	2	EG Control & Level	Right Slope	0 - 15	00 - 0F
	4 - 7			Left Slope	0 - 15	00 - F0
0x0105	0 - 3	2	Wave & Slide	Touch level sensitivity	0 - 15	00 - 0F
	4, 5			Amplitude Mod Depth	0 - 3	00 - 30
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0, 1

0x0106	0 - 2	2	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40
0x0107	0 - 5	2	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x0108	0 - 5	2	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x0109	0 - 5	2	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0
0x010A	0 - 5	2	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x010B	0 - 5	2	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x010C	0 - 5	2	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x010D	0 - 5	2	Envelope Generator	Sustain Level	0 - 63	00 - 3F
0x010E	0 - 5	2	Envelope Generator	Release Level	0 - 63	00 - 3F
0x010F	3 - 5	2	Wave & Slide	Wave Select	∅	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x0111	0 - 2	1	Pitch	Modulation Depth	0 - 7	00 - 07
	3			Fixed Frequency Mode	RATIO, FIX	00 - 08

	4, 5			Phase Synchronize	0 - 3	00 - 30
	6			Keycode invert	0, 1	00 - 40
0x0112	0 - 2	1	Pitch	Pitch Keyscale	0 - 7	00 - 07
	3 - 7			Phase	32 steps of 11,25 degrees	00 - F8
0x0113	0 - 2	1	Pitch	Keycode Offset	-450 - +450 (7 steps of 150)	5, 6, 7, 0, 1, 2, 3
	3 - 6			Pitch Multiplier	0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18	00 - 78
0x0114	0 - 7	1	Pitch	Pitch Offset	-148,9 - +148,9 (256 steps of 1,1)	81 - 7F
0x0113+ 0x0114	0 - 15	1	Pitch	Frequency Offset	0000 - 03FF	
0x0115	0 - 7	1	EG Control & Level	Output Level	0 - 255	FF - 00
0x0116	0	1	EG Control & Level	Right Curve	LIN, EXP	0, 1
	1			Left Curve	LIN, EXP	0, 2
	2 - 6			Break Point	C0# - A7#	00 - 7C
0x0117	0 - 3	1	EG Control & Level	Right Slope	0 - 15	00 - 0F
	4 - 7			Left Slope	0 - 15	00 - F0
0x0118	0 - 3	1	Wave & Slide	Touch level sensitivity	0 - 15	00 - 0F
	4, 5			Amplitude Mod Depth	0 - 3	00 - 30
	6			Amplitude Mod Polarity	POSITIV, NEGATIV	0, 1
0x0119	0 - 2	1	EG Control & Level	Expression Coefficient	0 - 7	00 - 07
	3, 4			EG mode	SUSTAIN, PERCUSS, GATE, ONE SHOT	00 - 18
	5			Touch Rate	0, 1	00 - 20
	6			EG Synchronize	0, 1	00 - 40

0x011A	0 - 5	1	Envelope Generator	Attack Rate	0 - 63	00 - 3F
	6 - 7			Attack Rate Key Scale	0 - 4	00 - C0
0x011B	0 - 5	1	Envelope Generator	Decay Rate	0 - 63	00 - 3F
	6 - 7			Decay Rate Key Scale	0 - 4	00 - C0
0x011C	0 - 5	1	Envelope Generator	Sustain Rate	0 - 63	00 - 3F
	6 - 7			Sustain Key Scale	0 - 4	00 - C0
0x011D	0 - 5	1	Envelope Generator	Release Rate	0 - 63	00 - 3F
	6 - 7			Release Key Scale	0 - 4	00 - C0
0x011E	0 - 5	1	Envelope Generator	Attack Level	0 - 63	00 - 3F
0x011F	0 - 5	1	Envelope Generator	Decay Level	0 - 63	00 - 3F
	6 - 7			Decay Level Key Scale	0 - 4	00 - C0
0x0120	0 - 5	1	Envelope Generator	Sustain Level	0 - 63	00 - 3F
0x0121	0 - 5	1	Envelope Generator	Release Level	0 - 63	00 - 3F
0x0122	3 - 5	1	Wave & Slide	Wave Select	≠	00 - 38
	6, 7			Modulator Shift	0 - 3	00 - 0C
0x014B	0 - 2	all	Effector & LFO	Effector Select	OFF, SYM, CELESTE, PHASER, DELAY, WAH, FLANGER	00 - 06
	4 - 7			Effector Level	0 - 15	F0 - 00 (omgekeerd!)
0x014C	0 - 3	all	Effector & LFO	Reverb Channel1 Left	0 - 15	0F - 00 (omgekeerd!)
	4 - 7			Reverb Channel1 Right	0 - 15	F0 - 00 (omgekeerd!)
0x014D	0 - 3	all	Effector & LFO	Reverb Channel2 Left	0 - 15	0F - 00 (omgekeerd!)
	4 - 7			Reverb Channel2 Right	0 - 15	F0 - 00 (omgekeerd!)

0x014E	0 - 3	all	Effector & LFO	Panorama Channel1 Right	0 - 15	0F - 00 (omgekeerd!)
0x014F	0 - 3	all	Effector & LFO	Panorama Channel1 Left	0 - 15	0F - 00 (omgekeerd!)
0x0150	0 - 3	all	Effector & LFO	Panorama Channel2 Right	0 - 15	0F - 00 (omgekeerd!)
0x0151	0 - 3	all	Effector & LFO	Panorama Channel2 Left	0 - 15	0F - 00 (omgekeerd!)
0x0152	0 - 5	all	Effector & LFO	Vibrato Envelope Delay	0 - 63	00 - 3F
0x0154	0 - 5	all	Effector & LFO	Vibrato Envelope Release	0 - 63	00 - 3F
0x0155	0 - 5	all	Effector & LFO	Vibrato Speed	0 - 63	00 - 3F
0x0156	0 - 5	all	Effector & LFO	Vibrato Envelope Attack	0 - 63	00 - 3F
0x0157	0 - 7	all	Effector & LFO	Vibrato Offset	-127 - +127	81 - 7F
0x0158	0 - 7 (2S=)	all	Effector & LFO	Keyscale Speed	-15 - +15	F1 - 0F
0x0159	0 - 7 (2S=)	all	Effector & LFO	Keyscale Deelay	-15 - +15	F1 - 0F
0x015A	0 - 7 (2S=)	all	Effector & LFO	Keyscale Depth	-15 - +15	F1 - 0F
0x015B	0 - 5	all	Effector & LFO	Attack Pitch Time	0 - 63	00 - 3F
	7	all		Attack Pitch Mode	MODU, BEND	00, 80
0x015C	0 - 5	all	Effector & LFO	Release Pitch Time	0 - 63	00 - 3F
0x015D	0 - 7	all	Effector & LFO	Attack Pitch Speed	0 - 255	00 - FF
0x015E	0 - 7	all	Effector & LFO	Attack Touch Off	-127 - +127	81 - 7F
0x015F	0 - 7	all	Effector & LFO	Attack Touch On	-127 - +127	81 - 7F
0x0160	0 - 7 (2S=)	all	Effector & LFO	Keyscale Release	-15 - +15	F1 - 0F
0x0161	0 - 7 (2S=)	all	Effector & LFO	Keyscale Attack	-15 - +15	F1 - 0F



