

Clavinova®

CLP-380 データリスト

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エフェクトパラメーター一覧

Control欄に印がついているものは、AC1(アサインブルコントローラー 1)などでコントロール可能なパラメーターです。各リストの上には、この楽器の画面に表示されるエフェクト名のみ記載されています。画面に表示されないエフェクトについては、下記のMSB、LSBナンバーに基づいて取扱説明書の「エフェクトタイプ一覧」でご確認ください。

Reverb block
Hall1, Hall2
Room
Stage
Plate
DSP block
Sound Board

MSB = 01
LSB = 0, 1, 6, 7, 16, 17, 18
MSB = 02
LSB = 0, 1, 2, 5, 6, 7, 16, 17, 18, 19
MSB = 03
LSB = 0, 1, 16, 17
MSB = 04
LSB = 0, 7, 16, 17

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 - 30.0s	0 - 69	table#4	
2	Diffusion	0 - 10	0 - 10		
3	Initial Delay	0.1mS - 200.0mS (*1)	0 - 127	table#5	
		0.1mS - 99.3mS (*2, 3)	0 - 63		
4	HPF Cutoff	Thru - 8.0kHz	0 - 52	table#3	
5	LPF Cutoff	1.0kHz - Thru	34 - 60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Rev Delay	0.1mS - 200.0mS (*1)	0 - 127	table#5	
		0.1mS - 99.3mS (*2, 3)	0 - 63		
12	Density	0 - 4 (*1, 2)	0 - 4		
		0 - 2 (*3)	0 - 2		
13	Er/Rev Balance	E63>R - E=R - E<R63	1 - 127		
14	High Damp	0.1 - 1.0	1 - 10		
15	Feedback Level	-63 - +63	1 - 127	(table#16)	
16					

MSB = 01, LSB = 2, 3
MSB = 02, LSB = 3, 4
MSB = 04, LSB = 1

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 - 30.0s	0 - 69	table#4	
2	Diffusion	0 - 10	0 - 10		
3	Initial Delay	0.1mS - 200.0mS	0 - 127	table#5	
4	HPF Cutoff	Thru - 8.0kHz	0 - 52	table#3	
5	LPF Cutoff	1.0kHz - Thru	34 - 60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11					
12					
13					
14	High Damp	0.1 - 1.0	1 - 10		
15					
16					

DSP block
Delay LCR

MSB = 05

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
2	Rch Delay	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
3	Cch Delay	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
4	Feedback Delay	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
5	Feedback Level	-63 - +63	1 - 127	(table#16)	
6	Cch Level	0 - 127	0 - 127	(table#18)	
7	High Damp	0.1 - 1.0	1 - 10		
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11					
12					
13	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
16	EQ High Gain	-12 - +12dB	52 - 76		

DSP block
Delay LR

MSB = 06

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
2	Rch Delay	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
3	Feedback Delay 1	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
4	Feedback Delay 2	0.1 - 1638.3ms (*2) 0.1 - 1486.0ms (*3)	1 - 16383 1 - 14860		
5	Feedback Level	-63 - +63	1 - 127	(table#16)	
6	High Damp	0.1 - 1.0	1 - 10		
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11					
12					
13	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
16	EQ High Gain	-12 - +12dB	52 - 76		

DSP block
Echo

MSB = 07

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay1	0.1 - 1486.0ms (*2) 0.1 - 743.0ms (*3)	1 - 14860 1 - 7430		
2	Lch Feedback Level	-63 - +63	1 - 127	(table#16)	
3	Rch Delay1	0.1 - 1486.0ms (*2) 0.1 - 743.0ms (*3)	1 - 14860 1 - 7430		
4	Rch Feedback Level	-63 - +63	1 - 127	(table#16)	
5	High Damp	0.1 - 1.0	1 - 10		
6	Lch Delay2	0.1 - 1486.0ms (*2) 0.1 - 743.0ms (*3)	1 - 14860 1 - 7430		
7	Rch Delay2	0.1 - 1486.0ms (*2) 0.1 - 743.0ms (*3)	1 - 14860 1 - 7430		
8	Delay2 Level	0 - 127	0 - 127	(table#18)	
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11					
12					
13	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
16	EQ High Gain	-12 - +12dB	52 - 76		

DSP block
Cross Delay

MSB = 08

No.	Parameter	Display	Value	See Table	Control
1	L->R Delay	0.1 - 1486.0ms (*2) 0.1 - 743.0ms (*3)	1 - 14860 1 - 7430		
2	R->L Delay	0.1 - 1486.0ms (*2) 0.1 - 743.0ms (*3)	1 - 14860 1 - 7430		
3	Feedback Level	-63 - +63	1 - 127	(table#16)	
4	Input Select	L, R, L&R	0 - 2		
5	High Damp	0.1 - 1.0	1 - 10		
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11					
12					
13	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
16	EQ High Gain	-12 - +12dB	52 - 76		

MSB = 09

No.	Parameter	Display	Value	See Table	Control
1	Type	S-H, L-H, Rdm, Rvs, Plt, Spr	0 - 5		
2	Room Size	0.1 - 20.0	0 - 127	table#6	
3	Diffusion	0 - 10	0 - 10		
4	Initial Delay	0.1mS - 200.0mS	0 - 127	table#5	
5	Feedback Level	-63 - +63	1 - 127	(table#16)	
6	HPF Cutoff	Thru - 8.0kHz	0 - 52	table#3	
7	LPF Cutoff	1.0kHz - Thru	34 - 60	table#3	
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Liveness	0 - 10	0 - 10		
12	Density	0 - 3	0 - 3		
13	High Damp	0.1 - 1.0	1 - 10		
14					
15					
16					

MSB = 21

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 - 4thx6	0 - 19	table#14	
2	Feedback Level	-63 - +63	1 - 127	(table#16)	
3	Feedback High Dump	0.1 - 1.0	1 - 10		
4	L/R Diffusion	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
5	Lag	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11					
12					
13	EQ Low Frequency	32Hz - 2.0kHz	4 - 40		
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500Hz - 16.0kHz	28 - 58		
16	EQ High Gain	-12 - +12dB	52 - 76		

MSB = 10
MSB = 11

No.	Parameter	Display	Value	See Table	Control
1	Type	TypeA, TypeB	0 - 1		
2	Room Size	0.1 - 20.0	0 - 127	table#6	
3	Diffusion	0 - 10	0 - 10		
4	Initial Delay	0.1mS - 200.0mS	0 - 127	table#5	
5	Feedback Level	-63 - +63	1 - 127	(table#16)	
6	HPF Cutoff	Thru - 8.0kHz	0 - 52	table#3	
7	LPF Cutoff	1.0kHz - Thru	34 - 60	table#3	
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Liveness	0 - 10	0 - 10		
12	Density	0 - 3	0 - 3		
13	High Damp	0.1 - 1.0	1 - 10		
14					
15					
16					

MSB = 22

No.	Parameter	Display	Value	See Table	Control
1	Delay Time L>R	64th/3 - 4thx6	0 - 19	table#14	
2	Delay Time R>L	64th/3 - 4thx6	0 - 19	table#14	
3	Feedback Level	-63 - +63	1 - 127	(table#16)	
4	Input Select	L, R, L&R	0 - 2		
5	Feedback High Dump	0.1 - 1.0	1 - 10		
6	Lag	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11					
12					
13	EQ Low Frequency	32Hz - 2.0kHz	4 - 40		
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500Hz - 16.0kHz	28 - 58		
16	EQ High Gain	-12 - +12dB	52 - 76		

MSB = 16
MSB = 17
MSB = 18
MSB = 19

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 - 30.0s	0 - 69	table#4	
2	Diffusion	0 - 10	0 - 10		
3	Initial Delay	0.1mS - 200.0mS (*1) 0.1mS - 99.3mS (*2)	0 - 127 0 - 63	table#5	
4	HPF Cutoff	Thru - 8.0kHz	0 - 52	table#3	
5	LPF Cutoff	1.0kHz - Thru	34 - 60	table#3	
6	Width	0.5 - 30.2m (*1) 0.5 - 10.2m (*2)	0 - 104 0 - 37	table#11	
7	Height	0.5 - 30.2m (*1) 0.5 - 20.2m (*2)	0 - 104 0 - 73	table#11	
8	Depth	0.5 - 30.2m	0 - 104	table#11	
9	Wall Vary	0 - 30	0 - 30		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Rev Delay	0.1mS - 200.0mS (*1) 0.1mS - 99.3mS (*2)	0 - 127 0 - 63	table#5	
12	Density	0 - 4	0 - 4		
13	Er/Rev Balance	E63>R - E=R - E<R63	1 - 127		
14	High Damp	0.1 - 1.0	1 - 10		
15	Feedback Level	-63 - +63	1 - 127	(table#16)	
16					

DSP block
Rotary
Chorus block
Chorus
CelesteMSB = 65
LSB = 66

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Feedback Level	-63 - +63	1 - 127	(table#17)	
4	Delay Offset	0.0mS - 50mS	0 - 127	table#2	
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15	Input Mode	mono/stereo	0 - 1		
16					

Chorus block
Flanger

MSB = 67

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Feedback Level	-63 - +63	1 - 127	(table#17)	
4	Delay Offset	0.0mS - 50mS	0 - 127	table#2	
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14	LFO Phase Difference (resolution=3deg.)	-180 - +180deg	4 - 124		
15					
16					

MSB = 20

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1mS - 400.0mS	0 - 127	table#7	
2	Feedback Level	-63 - +63	1 - 127	(table#16)	
3	HPF Cutoff	Thru - 8.0kHz	0 - 52	table#3	
4	LPF Cutoff	1.0kHz - Thru	34 - 60	table#3	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Density	0 - 3	0 - 3		
12					
13					
14					
15					
16					

DSP block
Symphonic

MSB = 68

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Delay Offset	0.0mS - 50mS	0 - 127	table#2	
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15					
16					

MSB = 69, LSB = 0, 16

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3					
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15					
16					

MSB = 69, LSB = 1
MSB = 69, LSB = 2

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.0 - 39.7Hz	0 - 127	table#1	●
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3					
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	
11					
12					
13					
14	Drive	0 - 127	0 - 127		
15	LPF Cutoff	1kHz - Thru	34 - 60	table#3	
16	Output Level	0 - 127	0 - 127	(table#18)	

MSB = 69, LSB = 3

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.0 - 39.7Hz	0 - 127	table#1	●
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	AMP Type	Off, Stack, Combo, Tube	0 - 3		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	
11					
12					
13					
14	Drive	0 - 127	0 - 127		
15	LPF Cutoff	1kHz - Thru	34 - 60	table#3	
16	Output Level	0 - 127	0 - 127	(table#18)	

DSP block
Tremolo

MSB = 70

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	AM Depth	0 - 127	0 - 127		
3	PM Depth	0 - 127	0 - 127		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14	LFO Phase Difference	-180 - +180deg (resolution=3deg.)	4 - 124		
15	Input Mode	mono/stereo	0 - 1		
16					

DSP block
AutoPan

MSB = 71
LSB = 0,16,17,18,19,20,21,22

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	L/R Depth	0 - 127	0 - 127		
3	F/R Depth	0 - 127	0 - 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 - 5		
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15					
16					

MSB = 71, LSB = 1

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	L/R Depth	0 - 127	0 - 127		
3	F/R Depth	0 - 127	0 - 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 - 5		
5	LFO Wave	0 - 28	0 - 28		
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15	Input Mode	Mono, Stereo	0 - 1		
16					

DSP block
Phaser

MSB = 72, LSB = 0, 16, 17, 18

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Phase Shift Offset	0 - 127	0 - 127		
4	Feedback Level	-63 - +63	1 - 127	(table#16)	
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Stage	4 - 22 (*2)	4 - 22		
12	Diffusion	4 - 12 (*3)	4 - 12		
13		mono/stereo	0 - 1		
14					
15					
16					

MSB = 72, LSB = 8

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	(table#19)	
3	Phase Shift Offset	0 – 127	0 – 127		
4	Feedback Level	-63 – +63	1 – 127	(table#16)	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	(table#15)	●
11	Stage	3 – 11	3 – 11		
12					
13	LFO Phase Difference	-180deg – +180deg (resolution=3deg.)	4 – 124		
14					
15					
16					

MSB = 75, LSB = 0,16,17, 22, 23
MSB = 75, LSB = 21 (*3)

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube	0 – 3		
3	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	(table#18)	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	(table#15)	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

MSB = 73, LSB = 0
MSB = 74, LSB = 0

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5	Output Level	0 – 127	0 – 127	(table#18)	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	(table#15)	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

MSB = 75, LSB = 1

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube, Crunch, Hi gain, British	0 – 6		
3	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	(table#18)	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	(table#15)	
11					
12					
13					
14					
15					
16					

MSB = 73, LSB = 1, 16

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5	Output Level	0 – 127	0 – 127	(table#18)	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	(table#15)	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12	Attack	1ms – 40ms	0 – 19	table#8	
13	Release	10ms – 680ms	0 – 15	table#9	
14	Threshold	-48dB – -6dB	79 – 121		
15	Ratio	1.0 – 20.0	0 – 7	table#10	
16					

MSB = 75, LSB = 8, 18, 19, 20
MSB = 75, LSB = 21 (*2)

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube	0 – 3		
3	LPF Cutoff	1kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	(table#18)	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	(table#15)	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

MSB = 73, LSB = 8
MSB = 74, LSB = 8

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32 – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1kHz – Thru	34 – 60		
5	Output Level	0 – 127	0 – 127	(table#18)	
6					
7	EQ Mid Frequency	100 – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	(table#15)	
11	Edge (Clip Curve)	0 – 127	0 – 127		
12					
13					
14					
15					
16					

MSB = 76

No.	Parameter	Display	Value	See Table	Control
1	EQ Low Gain	-12 – +12dB	52 – 76		
2	EQ Mid Frequency	100Hz – 16.0kHz	14 – 58	table#3	
3	EQ Mid Gain	-12 – +12dB	52 – 76		
4	EQ Mid Width	0.1 – 12.0	1 – 120		
5	EQ High Gain	-12 – +12dB	52 – 76		
6	EQ Low Frequency	50Hz – 2.0kHz	8 – 40	table#3	
7	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
8					
9					
10					
11					
12					
13					
14					
15	Input Mode	mono/stereo	0 – 1		
16					

MSB = 77

No.	Parameter	Display	Value	See Table	Control
1	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
2	EQ Low Gain	-12 - +12dB	52 - 76		
3	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
4	EQ High Gain	-12 - +12dB	52 - 76		
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

MSB = 80, LSB = 1

No.	Parameter	Display	Value	See Table	Control
1	Pitch	-24 - +24	40 - 88		
2	Initial Delay	0.1mS - 400.0mS	0 - 127	table#7	
3	Fine 1	-50 - +50cent	14 - 114		
4	Fine 2	-50 - +50cent	14 - 114		
5	Feedback Level	-63 - +63	1 - 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Pan 1	L63 - R63	1 - 127		
12	Output Level 1	0 - 127	0 - 127	(table#18)	
13	Pan 2	L63 - R63	1 - 127		
14	Output Level 2	0 - 127	0 - 127	(table#18)	
15					
16					

DSP block
AutoWah

MSB = 78, LSB = 0, 16

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Cutoff Frequency Offset	0 - 127	0 - 127		●
4	Resonance	1.0 - 12.0	10 - 120		
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	Drive (*4)	0 - 127	0 - 127		
12					
13					
14					
15					
16					

MSB = 81

No.	Parameter	Display	Value	See Table	Control
1	HPF Cutoff	500Hz - 16.0kHz	28 - 58		
2	Drive	0 - 127	0 - 127		
3	Mix Level	0 - 127	0 - 127		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

MSB = 78, LSB = 1, 2, 17, 18

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Cutoff Frequency Offset	0 - 127	0 - 127		●
4	Resonance	1.0 - 12.0	10 - 120		
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	Drive	0 - 127	0 - 127		
12	EQ Low Gain (distortion)	-12 - +12dB	52 - 76		
13	EQ Mid Gain (distortion)	-12 - +12dB	52 - 76		
14	LPF Cutoff	1.0kHz - thru	34 - 60	table#3	
15	Output Level	0 - 127	0 - 127	(table#18)	
16					

MSB = 82, LSB = 0

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 - 127	0 - 127		
2	Cutoff Frequency Offset	0 - 127	0 - 127		●
3	Resonance	1.0 - 12.0	10 - 120		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	Drive (*4)	0 - 127	0 - 127		
12					
13					
14					
15					
16					

MSB = 80, LSB = 0, 16

No.	Parameter	Display	Value	See Table	Control
1	Pitch	-24 - +24	40 - 88		
2	Initial Delay	0.1mS - 400.0mS	0 - 127	table#7	
3	Fine 1	-50 - +50	14 - 114		
4	Fine 2	-50 - +50	14 - 114		
5	Feedback Level	-63 - +63	1 - 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Pan 1	L63 - R63	1 - 127		
12	Output Level 1	0 - 127	0 - 127	(table#18)	
13	Pan 2	L63 - R63	1 - 127		
14	Output Level 2	0 - 127	0 - 127	(table#18)	
15					
16					

MSB = 82, LSB = 1, 16

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 - 127	0 - 127		
2	Cutoff Frequency Offset	0 - 127	0 - 127		●
3	Resonance	1.0 - 12.0	10 - 120		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	Drive	0 - 127	0 - 127		
12					
13					
14					
15					
16					

MSB = 82, LSB = 8, 18, 19

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 - 127	0 - 127		
2	Cutoff Frequency Offset	0 - 127	0 - 127		●
3	Resonance	1.0 - 12.0	10 - 120		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	Drive (*4)	0 - 127	0 - 127		
12	EQ Low Gain (*4) (distortion)	-12 - +12dB	52 - 76		
13	EQ Mid Gain (*4) (distortion)	-12 - +12dB	52 - 76		
14	LPF Cutoff (*4)	1.0kHz - thru	34 - 60	table#3	
15	Output Level (*4)	0 - 127	0 - 127	(table#18)	
16	Release	10 - 680mS	52 - 67	table#12	

MSB = 85

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11	Low Adjust	0 - 26	0 - 26		
12	High Adjust	0 - 26	0 - 26		
13					
14					
15					
16					

MSB = 86, LSB = 0

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0Hz - 39.7Hz	0 - 127	table#1	●
2	Drive Low	0 - 127	0 - 127		
3	Drive High	0 - 127	0 - 127		
4	Low/High	L63>H - L=H - L<H63	1 - 127		
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	Crossover Frequency	100Hz - 10.0kHz	14 - 54	table#3	
12	Mic L-R Angle	0deg - 180deg (resolution=3deg.)	0 - 60		
13					
14					
15					
16					

MSB = 82, LSB = 2, 17

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 - 127	0 - 127		
2	Cutoff Frequency Offset	0 - 127	0 - 127		●
3	Resonance	1.0 - 12.0	10 - 120		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	Drive	0 - 127	0 - 127		
12	EQ Low Gain (distortion)	-12 - +12dB	52 - 76		
13	EQ Mid Gain (distortion)	-12 - +12dB	52 - 76		
14	LPF Cutoff	1.0kHz - thru	34 - 60	table#3	
15	Output Level	0 - 127	0 - 127	(table#18)	
16	Release	10 - 680mS	52 - 67	table#12	

MSB = 86, LSB = 1
MSB = 86, LSB = 2

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0 - 39.7Hz	0 - 127	table#1	●
2	Drive Low	0 - 127	0 - 127		
3	Drive High	0 - 127	0 - 127		
4	Low/High Balance	L63>H - L=H - L<H=63	1 - 127		
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	Crossover Frequency	100Hz - 10.0kHz	14 - 54	table#3	
12	Mic L-R Angle	0 - 180deg	0 - 60		
13					
14	Drive	0 - 127	0 - 127		
15	LPF Cutoff	1kHz - Thru	34 - 60		
16	Output Level	0 - 127	0 - 127	(table#18)	

MSB = 83

No.	Parameter	Display	Value	See Table	Control
1	Attack	1 - 40ms	0 - 19	table#8	
2	Release	10 - 680ms	0 - 15	table#9	
3	Threshold	-48 - -6dB	79-121		
4	Ratio	1.0 - 20.0	0 - 7	table#10	
5	Output Level	0 - 127	0 - 127	(table#18)	
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

MSB = 84

No.	Parameter	Display	Value	See Table	Control
1	Attack	1 - 40ms	0 - 19	table#8	
2	Release	10 - 680ms	0 - 15	table#9	
3	Threshold	-72 - -30dB	55 - 97		
4	Output Level	0 - 127	0 - 127	(table#18)	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

MSB = 86, LSB = 3

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0 - 39.7Hz	0 - 127	table#1	●
2	Drive Low	0 - 127	0 - 127		
3	Drive High	0 - 127	0 - 127		
4	Low/High Balance	L63>H - L=H - L<H=63	1 - 127		
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	Crossover Frequency	100Hz - 10.0kHz	14 - 54	table#3	
12	Mic L-R Angle	0 - 180deg	0 - 60		
13	AMP Type	Off, Stack, Combo, Tube	0 - 3		
14	Drive	0 - 127	0 - 127		
15	LPF Cutoff	1kHz - Thru	34 - 60		
16	Output Level	0 - 127	0 - 127	(table#18)	

MSB = 87

No.	Parameter	Display	Value	See Table	Control
1	Detune	-50 ~ +50cent	14 ~ 114		
2	Lch Init Delay	0.0mS ~ 50mS	0 ~ 127	table#2	
3	Rch Init Delay	0.0mS ~ 50mS	0 ~ 127	table#2	
4					
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 ~ 127	(table#15)	●
11	EQ Low Frequency	32Hz ~ 2.0kHz	4 ~ 40	table#3	
12	EQ Low Gain	-12 ~ +12dB	52 ~ 76		
13	EQ High Frequency	500Hz ~ 16.0kHz	28 ~ 58	table#3	
14	EQ High Gain	-12 ~ +12dB	52 ~ 76		
15					
16					

MSB = 95

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay Time	0.1 ~ 1638.3ms	1 ~ 16383		
2	Rch Delay Time	0.1 ~ 1638.3ms	1 ~ 16383		
3	Delay Feedback Time	0.1 ~ 1638.3ms	1 ~ 16383		
4	Delay Feedback Level	-63 ~ +63	1 ~ 127	(table#16)	
5	Delay Mix	0 ~ 127	0 ~ 127		
6	Dist Drive	0 ~ 127	0 ~ 127		
7	Dist Output Level	0 ~ 127	0 ~ 127	(table#18)	
8	Dist EQ Low Gain	-12 ~ +12dB	52 ~ 76		
9	Dist EQ Mid Gain	-12 ~ +12dB	52 ~ 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 ~ 127	(table#15)	●
11					
12					
13					
14					
15					
16					

MSB = 88

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.0mS ~ 50mS	0 ~ 127	table#2	
2	Output Phase	normal/inverse	0 ~ 1		
3					
4					
5					
6	EQ Low Frequency	32Hz ~ 2.0kHz	4 ~ 40	table#3	
7	EQ Low Gain	-12 ~ +12dB	52 ~ 76		
8	EQ High Frequency	500Hz ~ 16.0kHz	28 ~ 58	table#3	
9	EQ High Gain	-12 ~ +12dB	52 ~ 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 ~ 127	(table#15)	●
11					
12					
13					
14					
15					
16					

MSB = 96

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1 ~ 1638.3ms	1 ~ 16383		
2	Delay Feedback Level	-63 ~ +63	1 ~ 127	(table#16)	
3	Delay Mix	0 ~ 127	0 ~ 127		
4	Dist Drive	0 ~ 127	0 ~ 127		
5	Dist Output Level	0 ~ 127	0 ~ 127	(table#18)	
6	Dist EQ Low Gain	-12 ~ +12dB	52 ~ 76		
7	Dist EQ Mid Gain	-12 ~ +12dB	52 ~ 76		
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 ~ 127	(table#15)	●
11	Comp. Attack	1ms ~ 40ms	0 ~ 19	table#8	
12	Comp. Release	10ms ~ 680ms	0 ~ 15	table#9	
13	Comp. Threshold	-48dB ~ -6dB	79 ~ 121		
14	Comp. Ratio	1.0 ~ 20.0	0 ~ 7	table#10	
15					
16					

MSB = 93

No.	Parameter	Display	Value	See Table	Control
1	Vowel	a, i, u, e, o	0 ~ 4		●
2	Move speed	1 ~ 62	1 ~ 62		
3	Drive	0 ~ 127	0 ~ 127		
4	Output Level	0 ~ 127	0 ~ 127	(table#18)	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

MSB = 97

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1 ~ 1638.3ms	1 ~ 16383		
2	Delay Feedback Level	-63 ~ +63	1 ~ 127	(table#16)	
3	Delay Mix	0 ~ 127	0 ~ 127		
4	Dist Drive	0 ~ 127	0 ~ 127		
5	Dist Output Level	0 ~ 127	0 ~ 127	(table#18)	
6	Dist EQ Low Gain	-12 ~ +12dB	52 ~ 76		
7	Dist EQ Mid Gain	-12 ~ +12dB	52 ~ 76		
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 ~ 127	(table#15)	●
11	Wah Sensitivity	0 ~ 127	0 ~ 127		
12	Wah Cutoff Freq Offset	0 ~ 127	0 ~ 127		
13	Wah Resonance	1.0 ~ 12.0	10 ~ 120		
14	Wah Release	10 ~ 680ms	52 ~ 67	table#12	
15					
16					

MSB = 94

No.	Parameter	Display	Value	See Table	Control
1	Sampling Freq Control	44.1kHz ~ 345Hz	0 ~ 127	table#13	
2	Word Length	1 ~ 127	1 ~ 127		
3	Output Gain	-6 ~ +36dB	0 ~ 42		
4	LPF Cutoff	63Hz ~ Thru	10 ~ 60	table#3	
5	Filter Type	Thru, PowerBass, Radio, Tel, Clean, Low	0 ~ 5		
6	LPF Resonance	1.0 ~ 12.0	10 ~ 120		
7	Bit Assign	0 ~ 6	0 ~ 6		
8	Emphasis	Off/On	0 ~ 1		
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 ~ 127	(table#15)	●
11					
12					
13					
14					
15	Input Mode	mono/stereo			
16					

MSB = 98, LSB = 0
MSB = 98, LSB = 2

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 ~ 100%	0 ~ 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 ~ 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 ~ 5		
4	Presence	0 ~ 20	0 ~ 20		
5	Output Level	0 ~ 100%	0 ~ 100		
6					
7					
8					
9					
10	Dry/Wet Balance	D63>W - D=W - D<W63	1 ~ 127	(table#15)	●
11					
12					
13					
14					
15					
16					

MSB = 98, LSB = 1
MSB = 98, LSB = 3

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 - 100%	0 - 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 - 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 - 5		
4	Presence	0 - 20	0 - 20		
5	Output Level	0 - 100%	0 - 100		
6	Delay Time L	0.1 - 1638.3ms	1 - 16383		
7	Delay Time R	0.1 - 1638.3ms	1 - 16383		
8	Delay Feedback Time	0.1 - 1638.3ms	1 - 16383		
9	Delay Feedback Level	-63 - +63	1 - 127	(table#16)	
10	Dry/Wet Balance	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11	Delay Mix	0 - 127	0 - 127		
12	Feedback High Dump	0.1 - 1.0	1 - 10		
13					
14					
15					
16					

MSB = 99

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed Slow	0.0Hz - 2.65Hz	0 - 63	table#1	
2	Horn Speed Slow	0.0Hz - 2.65Hz	0 - 63	table#1	
3	Rotor Speed Fast	2.69Hz - 39.7Hz	64 - 127	table#1	
4	Horn Speed Fast	2.69Hz - 39.7Hz	64 - 127	table#1	
5	Slow-Fast Time of R	0 - 127	0 - 127		
6	Slow-Fast Time of H	0 - 127	0 - 127		
7	Drive Low	0 - 127	0 - 127		
8	Drive High	0 - 127	0 - 127		
9	Low/High Balance	L63>H - L=H - L<H=63	1 - 127		
10					
11	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
12	EQ Low Gain	-12 - +12dB	52 - 76		
13	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
14	EQ High Gain	-12 - +12dB	52 - 76		
15	Mic L-R Angle	0 - 180deg	0 - 60		
16	Speed Control	Slow/Fast	0/1		●

MSB = 100

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 - 4thx6	0 - 19	table#14	
2	Delay Feedback Level	-63 - +63	1 - 127	(table#16)	
3	Delay Mix	0 - 127	0 - 127		
4	Dist Drive	0 - 127	0 - 127		
5	Dist Output Level	0 - 127	0 - 127	(table#18)	
6	Dist EQ Low Gain	-12 - +12dB	52 - 76		
7	Dist EQ High Gain	-12 - +12dB	52 - 76		
8	L/R Diffusion	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
9	Lag	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11					
12					
13					
14					
15					
16					

MSB = 101

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 - 4thx6	0 - 19	table#14	
2	Delay Feedback Level	-63 - +63	1 - 127	(table#16)	
3	Delay Mix	0 - 127	0 - 127		
4	Dist Drive	0 - 127	0 - 127		
5	Dist Output Level	0 - 127	0 - 127	(table#18)	
6	Dist EQ Low Gain	-12 - +12dB	52 - 76		
7	Dist EQ High Gain	-12 - +12dB	52 - 76		
8	L/R Diffusion	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
9	Lag	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11	Comp. Attack	1ms - 40ms	0 - 19	table#8	
12	Comp. Release	10ms - 680ms	0 - 15	table#9	
13	Comp. Threshold	-48dB - -6dB	79 - 121		
14	Comp. Ratio	1.0 - 20.0	0 - 7	table#10	
15					
16					

MSB = 102

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 - 4thx6	0 - 19	table#14	
2	Delay Feedback Level	-63 - +63	1 - 127	(table#16)	
3	Delay Mix	0 - 127	0 - 127		
4	Dist Drive	0 - 127	0 - 127		
5	Dist Output Level	0 - 127	0 - 127	(table#18)	
6	Dist EQ Low Gain	-12 - +12dB	52 - 76		
7	Dist EQ High Gain	-12 - +12dB	52 - 76		
8	L/R Diffusion	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
9	Lag	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11	Wah Sensitivity	0 - 127	0 - 127		
12	Wah Cutoff Freq Offset	0 - 127	0 - 127		
13	Wah Resonance	1.0 - 12.0	10 - 120		
14	Wah Release	10 - 680mS	52 - 67	table#12	
15					
16					

MSB = 103

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 - 100%	0 - 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 - 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 - 5		
4	Presence	0 - 20	0 - 20		
5	Output Level	0 - 100%	0 - 100		
6	Delay Time	64th/3 - 4thx6	0 - 19	table#14	
7	Delay Feedback Level	-63 - +63	1 - 127	(table#16)	
8	L/R Diffusion	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
9	Lag	1(-63ms) - 64(0ms) - 127(63ms)	1 - 127		
10	Dry/Wet Balance	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11	Delay Mix	0 - 127	0 - 127		
12	Feedback High Dump	0.1 - 1.0	1 - 10		
13					
14					
15					
16					

MSB = 104

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	0.0 - 39.70[Hz]	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	LFO Wave	Triangle, Sine, Random	0 - 2		
4	Delay Offset	0.09 - 36.21[ms]	0 - 139	table#23	
5	Feedback Level	-100 - +100[%]	0 - 200		
6	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
7	EQ Low Gain	-12 - +12[dB]	52 - 76		
8	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
9	EQ High Gain	-12 - +12[dB]	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	(table#15)	●
11	EQ mid frequency	100[Hz] - 10.0[kHz]	14 - 54	table#3	
12	EQ mid gain	-12 - +12[dB]	52 - 76		
13	EQ mid width	0.1 - 12.0	1 - 120		
14	Modulation Phase	-180 - +180[deg]	0 - 16	table#24	
15	Feedback High Damp	0.1 - 1.0	1 - 10		
16	Analog Feel	0 - 10	0 - 10		

MSB = 105

No.	Parameter	Display	Value	See Table	Control
1	Type	Normal, Low, Mid, High, Low/High, Low/Mid, Mid/ High, Full Bit, Wild, Attack, Low End, Hard, Basic	0 - 12		
2	Threshold Offset	-32 - +32	32 - 96		●
3	Low Gain Offset	-63 - +63	1 - 127		
4	Mid Gain Offset	-63 - +63	1 - 127		
5	High Gain Offset	-63 - +63	1 - 127		
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

MSB = 107

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th - 4thx8	5 - 21	table#14	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Feedback Level	-63 - +63	1 - 127	(table#17)	
4	Delay Offset	0.0 - 50.0[ms]	0 - 127	table#2	
5					
6	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
7	EQ Low Gain	-12 - +12[dB]	52 - 76		
8	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
9	EQ High Gain	-12 - +12[dB]	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	EQ mid frequency	100[Hz] - 10.0[kHz]	14 - 54	table#3	
12	EQ mid gain	-12 - +12[dB]	52 - 76		
13	EQ mid width	0.1 - 12.0	1 - 120		
14	LFO phase difference	-180 - +180[deg]	4 - 124		
15					
16					

MSB = 111

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 - 127	0 - 127		●
2	Dyna Level Offset	0 - 127	0 - 127		
3	Feedback Level	-63 - +63	1 - 127	(table#16)	
4	Attack Time	0.3 - 227[ms]	0 - 127	table#20	
5	Release Time	2.6 - 2171[ms]	0 - 127	table#21	
6	Release Curve	0 - 127	0 - 127		
7	Direction	Up, Down	0 - 1		
8	Dyna Threshold Level	0 - 127	0 - 127		
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11	Stage	4, 5, 6	4 - 6		
12					
13	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
16	EQ High Gain	-12 - +12[dB]	52 - 76		

MSB = 108

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th - 4thx8	5 - 21	table#14	
2	LFO Depth	0 - 127	0 - 127	(table#19)	
3	Phase Shift Offset	0 - 127	0 - 127		
4	Feedback Level	-63 - +63	1 - 127	(table#16)	
5					
6	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
7	EQ Low Gain	-12 - +12[dB]	52 - 76		
8	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
9	EQ High Gain	-12 - +12[dB]	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	●
11	Stage	3 - 11	3 - 11		
12					
13	LFO phase difference	-180 - +180[deg]	4 - 124		
14					
15					
16					

MSB = 112

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 - 127	0 - 127		●
2	HPF Cutoff Frequency	Thru (20[Hz]) - 8.0[kHz]	0 - 52	table#3	
3	LPF Cutoff Frequency	1.0[kHz] - Thru (20.0[kHz])	34 - 60	table#3	
4	Attack Time	0.3 - 227[ms]	0 - 127	table#20	
5	Release Time	2.6 - 2171[ms]	0 - 127	table#21	
6	Release Curve	0 - 127	0 - 127		
7	Direction	Up, Down	0 - 1		
8	Dyna Threshold Level	0 - 127	0 - 127		
9	Dyna Level Offset	0 - 127	0 - 127		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11					
12					
13	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
16	EQ High Gain	-12 - +12[dB]	52 - 76		

MSB = 109

No.	Parameter	Display	Value	See Table	Control
1	Filter Type	LPF (12dB), LPF (18dB), LPF (24dB), HPF, BPF, BEF	0 - 5		●
2	Sensitivity	0 - 127	0 - 127		
3	Dyna Level Offset	0 - 127	0 - 127		
4	Resonance	-16 - +111	0 - 127		
5	Attack Time	0.3 - 227[ms]	0 - 127	table#20	
6	Release Time	2.6 - 2171[ms]	0 - 127	table#21	
7	Release Curve	0 - 127	0 - 127		
8	Direction	Up, Down	0 - 1		
9	Dyna Threshold Level	0 - 127	0 - 127		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11					
12					
13	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
14	EQ Low Gain	-12 - +12[dB]	52 - 76		
15	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
16	EQ High Gain	-12 - +12[dB]	52 - 76		

MSB = 113

No.	Parameter	Display	Value	See Table	Control
1	Carrier Freq Coarse	0.7[Hz] - 5[kHz]	0 - 127	table#22	●
2	Carrier Freq Fine	0 - 127	0 - 127		
3	LFO Wave	Triangle, Sine	0 - 1		
4	LFO Depth	0 - 127	0 - 127	(table#19)	
5	LFO Freq	0.0 - 39.70[Hz]	0 - 127	table#1	
6	HPF Cutoff Frequency	Thru (20[Hz]) - 8.0[kHz]	0 - 52	table#3	
7	LPF Cutoff Frequency	1.0[kHz] - Thru (20.0[kHz])	34 - 60	table#3	
8					
9					
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11					
12					
13	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
16	EQ High Gain	-12 - +12[dB]	52 - 76		

MSB = 110

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 - 127	0 - 127		●
2	Delay Time Offset	0 - 127	0 - 127		
3	Feedback Level	-63 - +63	1 - 127	(table#17)	
4	Attack Time	0.3 - 227[ms]	0 - 127	table#20	
5	Release Time	2.6 - 2171[ms]	0 - 127	table#21	
6	Release Curve	0 - 127	0 - 127		
7	Direction	Up, Down	0 - 1		
8	Dyna Threshold Level	0 - 127	0 - 127		
9	Dyna Level Offset	0 - 127	0 - 127		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	(table#15)	
11					
12					
13	EQ Low Frequency	32[Hz] - 2.0[kHz]	4 - 40	table#3	
14	EQ Low Gain	-12 - +12dB	52 - 76		
15	EQ High Frequency	500[Hz] - 16.0[kHz]	28 - 58	table#3	
16	EQ High Gain	-12 - +12[dB]	52 - 76		

MSB = 115

No.	Parameter	Display	Value	See Table	Control
1	On/off SW	Off, On	0 - 1		●
2	Low Level	0 - 127	0 - 127		
3	Mid Level	0 - 127	0 - 127		
4	High Level	0 - 127	0 - 127		
5	Low Mute	Off, On	0 - 1		
6	Mid Mute	Off, On	0 - 1		
7	High Mute	Off, On	0 - 1		
8					
9					
10					
11					
12					
13					
14					
15					
16					

DSP block
VibeRotor

MSB = 119

No.	Parameter	Display	Value	See Table	Control
1	Vibrate Speed	0.00Hz – 39.7Hz	0 – 127	table#1	
2	Vibrate Depth (AM)	0 – 127	0 – 127		
3	Vibrate Depth (PM)	0 – 127	0 – 127		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet Balance	D63>W – D=W – D<W63	1 – 127	(table#15)	
11	EQ Mid Frequency (*)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15	Input Mode	mono/stereo	0 – 1		
16	Vibrate SW	Off, On	0 – 1		●

MSB = 0

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

MSB = 64

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

(注: Parameter 10 Dry/WetはDSP Effect(にのみ有効)

- (*1) Reverb Block
- (*2) DSP Block
- (*3) Chorus Block
- (*4) DSP Block only

エフェクトデータアサインテーブル

table#1
LFO Frequency

Data	Value	Data	Value	Data	Value	Data	Value
0	0.00	32	1.35	64	2.69	96	8.41
1	0.04	33	1.39	65	2.78	97	8.75
2	0.08	34	1.43	66	2.86	98	9.08
3	0.13	35	1.47	67	2.94	99	9.42
4	0.17	36	1.51	68	3.03	100	9.76
5	0.21	37	1.56	69	3.11	101	10.1
6	0.25	38	1.60	70	3.20	102	10.8
7	0.29	39	1.64	71	3.28	103	11.4
8	0.34	40	1.68	72	3.37	104	12.1
9	0.38	41	1.72	73	3.45	105	12.8
10	0.42	42	1.77	74	3.53	106	13.5
11	0.46	43	1.81	75	3.62	107	14.1
12	0.51	44	1.85	76	3.70	108	14.8
13	0.55	45	1.89	77	3.87	109	15.5
14	0.59	46	1.94	78	4.04	110	16.2
15	0.63	47	1.98	79	4.21	111	16.8
16	0.67	48	2.02	80	4.37	112	17.5
17	0.72	49	2.06	81	4.54	113	18.2
18	0.76	50	2.10	82	4.71	114	19.5
19	0.80	51	2.15	83	4.88	115	20.9
20	0.84	52	2.19	84	5.05	116	22.2
21	0.88	53	2.23	85	5.22	117	23.6
22	0.93	54	2.27	86	5.38	118	24.9
23	0.97	55	2.31	87	5.55	119	26.2
24	1.01	56	2.36	88	5.72	120	27.6
25	1.05	57	2.40	89	6.06	121	28.9
26	1.09	58	2.44	90	6.39	122	30.3
27	1.14	59	2.48	91	6.73	123	31.6
28	1.18	60	2.52	92	7.07	124	33.0
29	1.22	61	2.57	93	7.40	125	34.3
30	1.26	62	2.61	94	7.74	126	37.0
31	1.30	63	2.65	95	8.08	127	39.7

table#4
Reverb time

Data	Value	Data	Value	Data	Value	Data	Value
0	0.3	32	3.5	64	17.0		
1	0.4	33	3.6	65	18.0		
2	0.5	34	3.7	66	19.0		
3	0.6	35	3.8	67	20.0		
4	0.7	36	3.9	68	25.0		
5	0.8	37	4.0	69	30.0		
6	0.9	38	4.1				
7	1.0	39	4.2				
8	1.1	40	4.3				
9	1.2	41	4.4				
10	1.3	42	4.5				
11	1.4	43	4.6				
12	1.5	44	4.7				
13	1.6	45	4.8				
14	1.7	46	4.9				
15	1.8	47	5.0				
16	1.9	48	5.5				
17	2.0	49	6.0				
18	2.1	50	6.5				
19	2.2	51	7.0				
20	2.3	52	7.5				
21	2.4	53	8.0				
22	2.5	54	8.5				
23	2.6	55	9.0				
24	2.7	56	9.5				
25	2.8	57	10.0				
26	2.9	58	11.0				
27	3.0	59	12.0				
28	3.1	60	13.0				
29	3.2	61	14.0				
30	3.3	62	15.0				
31	3.4	63	16.0				

table#7
Delay Time (0.1 - 400.0 [ms])

Data	Value	Data	Value	Data	Value	Data	Value
0	0.1	32	100.9	64	201.6	96	302.4
1	3.2	33	104.0	65	204.8	97	305.5
2	6.4	34	107.2	66	207.9	98	308.7
3	9.5	35	110.3	67	211.1	99	311.8
4	12.7	36	113.5	68	214.2	100	315.0
5	15.8	37	116.6	69	217.4	101	318.1
6	19.0	38	119.8	70	220.5	102	321.3
7	22.1	39	122.9	71	223.7	103	324.4
8	25.3	40	126.1	72	226.8	104	327.6
9	28.4	41	129.2	73	230.0	105	330.7
10	31.6	42	132.4	74	233.1	106	333.9
11	34.7	43	135.5	75	236.3	107	337.0
12	37.9	44	138.6	76	239.4	108	340.2
13	41.0	45	141.8	77	242.6	109	343.3
14	44.2	46	144.9	78	245.7	110	346.5
15	47.3	47	148.1	79	248.9	111	349.6
16	50.5	48	151.2	80	252.0	112	352.8
17	53.6	49	154.4	81	255.2	113	355.9
18	56.8	50	157.5	82	258.3	114	359.1
19	59.9	51	160.7	83	261.5	115	362.2
20	63.1	52	163.8	84	264.6	116	365.4
21	66.2	53	167.0	85	267.7	117	368.5
22	69.4	54	170.1	86	270.9	118	371.7
23	72.5	55	173.3	87	274.0	119	374.8
24	75.7	56	176.4	88	277.2	120	378.0
25	78.8	57	179.6	89	280.3	121	381.1
26	82.0	58	182.7	90	283.5	122	384.3
27	85.1	59	185.9	91	286.6	123	387.4
28	88.3	60	189.0	92	289.8	124	390.6
29	91.4	61	192.2	93	292.9	125	393.7
30	94.6	62	195.3	94	296.1	126	396.9
31	97.7	63	198.5	95	299.2	127	400.0

table#12
Wah Release Time

Data	Value
52	10
53	15
54	25
55	35
56	45
57	55
58	65
59	75
60	85
61	100
62	115
63	140
64	170
65	230
66	340
67	680

table#2
Modulation Delay Offset

Data	Value	Data	Value	Data	Value	Data	Value
0	0.0	32	3.2	64	6.4	96	9.6
1	0.1	33	3.3	65	6.5	97	9.7
2	0.2	34	3.4	66	6.6	98	9.8
3	0.3	35	3.5	67	6.7	99	9.9
4	0.4	36	3.6	68	6.8	100	10.0
5	0.5	37	3.7	69	6.9	101	11.1
6	0.6	38	3.8	70	7.0	102	12.2
7	0.7	39	3.9	71	7.1	103	13.3
8	0.8	40	4.0	72	7.2	104	14.4
9	0.9	41	4.1	73	7.3	105	15.5
10	1.0	42	4.2	74	7.4	106	17.1
11	1.1	43	4.3	75	7.5	107	18.6
12	1.2	44	4.4	76	7.6	108	20.2
13	1.3	45	4.5	77	7.7	109	21.8
14	1.4	46	4.6	78	7.8	110	23.3
15	1.5	47	4.7	79	7.9	111	24.9
16	1.6	48	4.8	80	8.0	112	26.5
17	1.7	49	4.9	81	8.1	113	28.0
18	1.8	50	5.0	82	8.2	114	29.6
19	1.9	51	5.1	83	8.3	115	31.2
20	2.0	52	5.2	84	8.4	116	32.8
21	2.1	53	5.3	85	8.5	117	34.3
22	2.2	54	5.4	86	8.6	118	35.9
23	2.3	55	5.5	87	8.7	119	37.5
24	2.4	56	5.6	88	8.8	120	39.0
25	2.5	57	5.7	89	8.9	121	40.6
26	2.6	58	5.8	90	9.0	122	42.2
27	2.7	59	5.9	91	9.1	123	43.7
28	2.8	60	6.0	92	9.2	124	45.3
29	2.9	61	6.1	93	9.3	125	46.9
30	3.0	62	6.2	94	9.4	126	48.4
31	3.1	63	6.3	95	9.5	127	50.0

table#5
Delay Time (0.1 - 200.0 [ms])

Data	Value	Data	Value	Data	Value	Data	Value
0	0.1	32	50.5	64	100.8	96	151.2
1	1.7	33	52.0	65	102.4	97	152.8
2	3.2	34	53.6	66	104.0	98	154.4
3	4.8	35	55.2	67	105.6	99	155.9
4	6.4	36	56.8	68	107.1	100	157.5
5	8.0	37	58.3	69	108.7	101	159.1
6	9.5	38	59.9	70	110.3	102	160.6
7	11.1	39	61.5	71	111.9	103	162.2
8	12.7	40	63.1	72	113.4	104	163.8
9	14.3	41	64.6	73	115.0	105	165.4
10	15.8	42	66.2	74	116.6	106	166.9
11	17.4	43	67.8	75	118.2	107	168.5
12	19.0	44	69.4	76	119.7	108	170.1
13	20.6	45	70.9	77	121.3	109	171.7
14	22.1	46	72.5	78	122.9	110	173.2
15	23.7	47	74.1	79	124.4	111	174.8
16	25.3	48	75.7	80	126.0	112	176.4
17	26.9	49	77.2	81	127.6	113	178.0
18	28.4	50	78.8	82	129.2	114	179.5
19	30.0	51	80.4	83	130.7	115	181.1
20	31.6	52	81.9	84	132.3	116	182.7
21	33.2	53	83.5	85	133.9	117	184.3
22	34.7	54	85.1	86	135.5	118	185.8
23	36.3	55	86.7	87	137.0	119	187.4
24	37.9	56	88.2	88	138.6	120	189.0
25	39.5	57	89.8	89	140.2	121	190.6
26	41.0	58	91.4	90	141.8	122	192.1
27	42.6	59	93.0	91	143.3	123	193.7
28	44.2	60	94.5	92	144.9	124	195.3
29	45.7	61	96.1	93	146.5	125	196.9
30	47.3	62	97.7	94	148.1	126	198.4
31	48.9	63	99.3	95	149.6	127	200.0

table#8
Compressor
Attack Time

Data	Value
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10
10	12
11	14
12	16
13	18
14	20
15	23
16	26
17	30
18	35
19	40

table#15
Dry/Wet

Data	Dry (dB)	Wet (dB)	Data	Dry (dB)	Wet (dB)	Data	Dry (dB)	Wet (dB)
1	0.00	∞	44	0.00	-6.63	87	-7.89	0.00
2	0.00	-71.97	45	0.00	-6.24	88	-8.33	0.00
3	0.00	-59.93	46	0.00	-5.85	89	-8.78	0.00
4	0.00	-52.89	47	0.00	-5.46	90	-9.25	0.00
5	0.00	-47.89	48	0.00	-5.09	91	-9.72	0.00
6	0.00	-44.01	49	0.00	-4.72	92	-10.21	0.00
7	0.00	-40.85	50	0.00	-4.37	93	-10.71	0.00
8	0.00	-38.17	51	0.00	-4.01	94	-11.23	0.00
9	0.00	-35.85	52	0.00	-3.67	95	-11.77	0.00
10	0.00	-33.80	53	0.00	-3.33	96	-12.32	0.00
11	0.00	-31.97	54	0.00	-3.00	97	-12.89	0.00
12	0.00	-30.32	55	0.00	-2.68	98	-13.48	0.00
13	0.00	-28.81	56	0.00	-2.36	99	-14.09	0.00
14	0.00	-27.42	57	0.00	-2.05	100	-14.72	0.00
15	0.00	-26.13	58	0.00	-1.74	101	-15.37	0.00
16	0.00	-24.93	59	0.00	-1.44	102	-16.06	0.00
17	0.00	-23.81	60	0.00	-1.14	103	-16.77	0.00
18	0.00	-22.76	61	0.00	-0.85	104	-17.50	0.00
19	0.00	-21.76	62	0.00	-0.56	105	-18.28	0.00
20	0.00	-20.82	63	0.00	-0.28	106	-19.08	0.00
21	0.00	-19.93	64	0.00	0.00	107	-19.93	0.00
22	0.00	-19.08	65	-0.28	0.00	108	-20.82	0.00
23	0.00	-18.28	66	-0.56	0.00	109	-21.76	0.00
24	0.00	-17.50	67	-0.85	0.00	110	-22.76	0.00
25	0.00	-16.77	68	-1.14	0.00	111	-23.81	0.00
26	0.00	-16.06	69	-1.44	0.00	112	-24.93	0.00
27	0.00	-15.37	70	-1.74	0.00	113	-26.13	0.00
28	0.00	-14.72	71	-2.05	0.00	114	-27.42	0.00
29	0.00	-14.09	72	-2.36	0.00	115	-28.81	0.00
30	0.00	-13.48	73	-2.68	0.00	116	-30.32	0.00
31	0.00	-12.89	74	-3.00	0.00	117	-31.97	0.00
32	0.00	-12.32	75	-3.33	0.00	118	-33.80	0.00
33	0.00	-11.77	76	-3.67	0.00	119	-35.85	0.00
34	0.00	-11.23	77	-4.01	0.00	120	-38.17	0.00
35	0.00	-10.71	78	-4.37	0.00	121	-40.85	0.00
36	0.00	-10.21	79	-4.72	0.00	122	-44.01	0.00
37	0.00	-9.72	80	-5.09	0.00	123	-47.89	0.00
38	0.00	-9.25	81	-5.46	0.00	124	-52.89	0.00
39	0.00	-8.78	82	-5.85	0.00	125	-59.93	0.00
40	0.00	-8.33	83	-6.24	0.00	126	-71.97	0.00
41	0.00	-7.89	84	-6.63	0.00	127	∞	0.00
42	0.00	-7.46	85	-7.04	0.00			
43	0.00	-7.04	86	-7.46	0.00			

table#16
Feedback Level (Reverb, Delay 系, Flanger 系)

Data	Value (%)	Data	Value (%)	Data	Value (%)
1	-99.20654297	44	-31.49414063	87	36.21826172
2	-97.63183594	45	-29.91943359	88	37.79296875
3	-96.05712891	46	-28.34472656	89	39.36767578
4	-94.48242188	47	-26.77001953	90	40.94238281
5	-92.90771484	48	-25.1953125	91	42.51708984
6	-91.33300781	49	-23.62060547	92	44.09179688
7	-89.75830078	50	-22.04589844	93	45.66650391
8	-88.18359375	51	-20.47119141	94	47.24121094
9	-86.60888672	52	-18.89648438	95	48.81591797
10	-85.03417969	53	-17.32177734	96	50.390625
11	-83.45947266	54	-15.74707031	97	51.96533203
12	-81.88476563	55	-14.17236328	98	53.54003906
13	-80.31005859	56	-12.59765625	99	55.11474609
14	-78.73535156	57	-11.02294922	100	56.68945313
15	-77.16064453	58	-9.448242188	101	58.26416016
16	-75.5859375	59	-7.873535156	102	59.83886719
17	-74.01123047	60	-6.298828125	103	61.41357422
18	-72.43652344	61	-4.724121094	104	62.98828125
19	-70.86181641	62	-3.149414063	105	64.56298828
20	-69.28710938	63	-1.574707031	106	66.13769531
21	-67.71240234	64	0	107	67.71240234
22	-66.13769531	65	1.574707031	108	69.28710938
23	-64.56298828	66	3.149414063	109	70.86181641
24	-62.98828125	67	4.724121094	110	72.43652344
25	-61.41357422	68	6.298828125	111	74.01123047
26	-59.83886719	69	7.873535156	112	75.5859375
27	-58.26416016	70	9.448242188	113	77.16064453
28	-56.68945313	71	11.02294922	114	78.73535156
29	-55.11474609	72	12.59765625	115	80.31005859
30	-53.54003906	73	14.17236328	116	81.88476563
31	-51.96533203	74	15.74707031	117	83.45947266
32	-50.390625	75	17.32177734	118	85.03417969
33	-48.81591797	76	18.89648438	119	86.60888672
34	-47.24121094	77	20.47119141	120	88.18359375
35	-45.66650391	78	22.04589844	121	89.75830078
36	-44.09179688	79	23.62060547	122	91.33300781
37	-42.51708984	80	25.1953125	123	92.90771484
38	-40.94238281	81	26.77001953	124	94.48242188
39	-39.36767578	82	28.34472656	125	96.05712891
40	-37.79296875	83	29.91943359	126	97.63183594
41	-36.21826172	84	31.49414063	127	99.20654297
42	-34.64355469	85	33.06884766		
43	-33.06884766	86	34.64355469		

table#17
Feedback Level (Chorus 系)

Data	Value (%)	Data	Value (%)	Data	Value (%)	Data	Value (%)
1	-72.29	33	-35.57	65	1.15	97	37.87
2	-71.14	34	-34.42	66	2.29	98	39.01
3	-70.00	35	-33.28	67	3.44	99	40.16
4	-68.85	36	-32.13	68	4.59	100	41.31
5	-67.70	37	-30.98	69	5.74	101	42.46
6	-66.55	38	-29.83	70	6.88	102	43.60
7	-65.41	39	-28.69	71	8.03	103	44.75
8	-64.26	40	-27.54	72	9.18	104	45.90
9	-63.11	41	-26.39	73	10.33	105	47.05
10	-61.96	42	-25.24	74	11.47	106	48.19
11	-60.82	43	-24.10	75	12.62	107	49.34
12	-59.67	44	-22.95	76	13.77	108	50.49
13	-58.52	45	-21.80	77	14.92	109	51.64
14	-57.37	46	-20.65	78	16.06	110	52.78
15	-56.23	47	-19.51	79	17.21	111	53.93
16	-55.08	48	-18.36	80	18.36	112	55.08
17	-53.93	49	-17.21	81	19.51	113	56.23
18	-52.78	50	-16.06	82	20.65	114	57.37
19	-51.64	51	-14.92	83	21.80	115	58.52
20	-50.49	52	-13.77	84	22.95	116	59.67
21	-49.34	53	-12.62	85	24.10	117	60.82
22	-48.19	54	-11.47	86	25.24	118	61.96
23	-47.05	55	-10.33	87	26.39	119	63.11
24	-45.90	56	-9.18	88	27.54	120	64.26
25	-44.75	57	-8.03	89	28.69	121	65.41
26	-43.60	58	-6.88	90	29.83	122	66.55
27	-42.46	59	-5.74	91	30.98	123	67.70
28	-41.31	60	-4.59	92	32.13	124	68.85
29	-40.16	61	-3.44	93	33.28	125	70.00
30	-39.01	62	-2.29	94	34.42	126	71.14
31	-37.87	63	-1.15	95	35.57	127	72.29
32	-36.72	64	0.00	96	36.72		

table#18
Level

Data	dB	Data	dB	Data	dB	Data	dB
0	∞	32	-23.95	64	-11.90	96	-4.86
1	-84.15	33	-23.41	65	-11.64	97	-4.68
2	-72.11	34	-22.89	66	-11.37	98	-4.50
3	-65.07	35	-22.39	67	-11.11	99	-4.33
4	-60.07	36	-21.90	68	-10.85	100	-4.15
5	-56.19	37	-21.42	69	-10.60	101	-3.98
6	-53.03	38	-20.96	70	-10.35	102	-3.81
7	-50.35	39	-20.51	71	-10.10	103	-3.64
8	-48.03	40	-20.07	72	-9.86	104	-3.47
9	-45.98	41	-19.64	73	-9.62	105	-3.30
10	-44.15	42	-19.22	74	-9.38	106	-3.14
11	-42.50	43	-18.81	75	-9.15	107	-2.98
12	-40.98	44	-18.41	76	-8.92	108	-2.82
13	-39.59	45	-18.02	77	-8.69	109	-2.66
14	-38.31	46	-17.64	78	-8.47	110	-2.50
15	-37.11	47	-17.27	79	-8.25	111	-2.34
16	-35.99	48	-16.90	80	-8.03	112	-2.18
17	-34.93	49	-16.54	81	-7.81	113	-2.03
18	-33.94	50	-16.19	82	-7.60	114	-1.88
19	-33.01	51	-15.85	83	-7.39	115	-1.72
20	-32.11	52	-15.51	84	-7.18	116	-1.57
21	-31.26	53	-15.18	85	-6.98	117	-1.42
22	-30.46	54	-14.86	86	-6.77	118	-1.28
23	-29.68	55	-14.54	87	-6.57	119	-1.13
24	-28.94	56	-14.22	88	-6.37	120	-0.98
25	-28.23	57	-13.92	89	-6.18	121	-0.84
26	-27.55	58	-13.62	90	-5.98	122	-0.70
27	-26.90	59	-13.32	91	-5.79	123	-0.56
28	-26.27	60	-13.03	92	-5.60	124	-0.42
29	-25.66	61	-12.73	93	-5.41	125	-0.28
30	-25.07	62	-12.44	94	-5.23	126	-0.14
31	-24.50	63	-12.18	95	-5.04	127	0.00

table#19
LFO Depth

Data	Value (%)	Data	Value (%)	Data	Value (%)	Data	Value (%)
0	0.00	32	25.20	64	50.39	96	75.59
1	0.78	33	25.98	65	51.17	97	76.37
2	1.56	34	26.76	66	51.95	98	77.15
3	2.34	35	27.54				

MIDIデータフォーマット

「MIDIデータフォーマット」は、データ/値を10進数や2進数、16進数で表現しています。16進数の場合は数値のあと(または列の頭)にH (Hexadecimal)が付いています。

また、"n"は任意の整数を表します。データ/値を入力する場合は、以下のテーブルをご参照ください。

10進	16進	2進	10進	16進	2進	10進	16進	2進	10進	16進	2進
0	00	0000 0000	32	20	0010 0000	64	40	0100 0000	96	60	0110 0000
1	01	0000 0001	33	21	0010 0001	65	41	0100 0001	97	61	0110 0001
2	02	0000 0010	34	22	0010 0010	66	42	0100 0010	98	62	0110 0010
3	03	0000 0011	35	23	0010 0011	67	43	0100 0011	99	63	0110 0011
4	04	0000 0100	36	24	0010 0100	68	44	0100 0100	100	64	0110 0100
5	05	0000 0101	37	25	0010 0101	69	45	0100 0101	101	65	0110 0101
6	06	0000 0110	38	26	0010 0110	70	46	0100 0110	102	66	0110 0110
7	07	0000 0111	39	27	0010 0111	71	47	0100 0111	103	67	0110 0111
8	08	0000 1000	40	28	0010 1000	72	48	0100 1000	104	68	0110 1000
9	09	0000 1001	41	29	0010 1001	73	49	0100 1001	105	69	0110 1001
10	0A	0000 1010	42	2A	0010 1010	74	4A	0100 1010	106	6A	0110 1010
11	0B	0000 1011	43	2B	0010 1011	75	4B	0100 1011	107	6B	0110 1011
12	0C	0000 1100	44	2C	0010 1100	76	4C	0100 1100	108	6C	0110 1100
13	0D	0000 1101	45	2D	0010 1101	77	4D	0100 1101	109	6D	0110 1101
14	0E	0000 1110	46	2E	0010 1110	78	4E	0100 1110	110	6E	0110 1110
15	0F	0000 1111	47	2F	0010 1111	79	4F	0100 1111	111	6F	0110 1111
16	10	0001 0000	48	30	0011 0000	80	50	0101 0000	112	70	0111 0000
17	11	0001 0001	49	31	0011 0001	81	51	0101 0001	113	71	0111 0001
18	12	0001 0010	50	32	0011 0010	82	52	0101 0010	114	72	0111 0010
19	13	0001 0011	51	33	0011 0011	83	53	0101 0011	115	73	0111 0011
20	14	0001 0100	52	34	0011 0100	84	54	0101 0100	116	74	0111 0100
21	15	0001 0101	53	35	0011 0101	85	55	0101 0101	117	75	0111 0101
22	16	0001 0110	54	36	0011 0110	86	56	0101 0110	118	76	0111 0110
23	17	0001 0111	55	37	0011 0111	87	57	0101 0111	119	77	0111 0111
24	18	0001 1000	56	38	0011 1000	88	58	0101 1000	120	78	0111 1000
25	19	0001 1001	57	39	0011 1001	89	59	0101 1001	121	79	0111 1001
26	1A	0001 1010	58	3A	0011 1010	90	5A	0101 1010	122	7A	0111 1010
27	1B	0001 1011	59	3B	0011 1011	91	5B	0101 1011	123	7B	0111 1011
28	1C	0001 1100	60	3C	0011 1100	92	5C	0101 1100	124	7C	0111 1100
29	1D	0001 1101	61	3D	0011 1101	93	5D	0101 1101	125	7D	0111 1101
30	1E	0001 1110	62	3E	0011 1110	94	5E	0101 1110	126	7E	0111 1110
31	1F	0001 1111	63	3F	0011 1111	95	5F	0101 1111	127	7F	0111 1111

追加ノート

- ・上記のテーブル以外でも、たとえば、144~159 (10進数)/9nH/10010000 ~ 10011111 (2進数)は、それぞれ(1~16)チャンネルごとのノートオンメッセージを示します。176~191/BnH/10110000 ~ 10111111は、それぞれ(1~16)チャンネルごとのコントロールチェンジメッセージを示します。192~207/CnH/11000000 ~ 11001111は、それぞれ(1~16)チャンネルごとのプログラムチェンジメッセージを示します。240/FOH/11110000はシステムエクスクルーシブメッセージの始まりを示します。247/F7H/11110111はシステムエクスクルーシブメッセージの終わりを示します。
- ・aaH (16進数)/Oaaaaaaa (2進数)はデータのアドレスを示します。アドレスは、High、MidとLowがあります。
- ・bbH/Obbbbbbはバイトカウントを示します。
- ・ccH/Occccccclはチェックサムを示します。
- ・ddH/Odddddはデータ/値を示します。

パネル音色一覧

- ・プログラムチェンジを0~127で設定する場合は、リストのMIDIプログラムチェンジNo.から1を引いた数で指定します。たとえば、No. 2のプログラムチェンジを指定する場合は、1の値になります。

音色グループ	音色名	Bank MSB	Bank LSB	Program Change (1-128)
GRANDPIANO1	GrandPiano1	0	122	1
	MellowPiano	0	123	1
	RockPiano	0	122	3
	HonkyTonkPiano	0	122	4
GRANDPIANO2	GrandPiano2	0	112	1
	BrightPiano	0	112	2
E.PIANO1	E.Piano1	0	122	6
	SynthPiano	0	122	89
E.PIANO2	E.Piano2	0	122	5
	Vintage E.Piano	0	123	5
HARPSICHORD	Harpsichord8'	0	122	7
	Harpsichord8'+4'	0	123	7
E.CLAVICHORD	E.Clavichord	0	122	8
	Wah Clavi.	0	123	8
VIBRAPHONE	Vibraphone	0	122	12
	Marimba	0	122	13
	Celesta	0	122	9
GUITAR	NylonGuitar	0	122	25
	SteelGuitar	0	122	26

音色グループ	音色名	Bank MSB	Bank LSB	Program Change (1-128)
CHURCHORGAN	PipeOrganPrincipal	0	123	20
	PipeOrganTutti	0	122	20
	PipeOrganFlute1	0	124	20
	PipeOrganFlute2	0	125	20
JAZZORGAN	JazzOrgan	0	122	17
	RotaryOrgan	0	124	17
STRINGS	MellowOrgan	0	125	17
	Strings	0	122	49
	SynthStrings	0	122	51
CHOIR	SlowStrings	0	125	50
	Choir	0	122	53
	SlowChoir	0	123	53
SYNTH.PAD	Scat	0	122	54
	SynthPad1	0	122	90
WOOD BASS	SynthPad2	0	123	89
	WoodBass	0	122	33
E.BASS	Bass&Cymbal	0	124	33
	ElectricBass	0	122	34
	FretlessBass	0	122	36

MIDI CHANNEL MESSAGE (1)

MIDI Events	[MIDI (CLP)]										[本体シーケンサー]				
	Status byte	1st Data byte			2nd Data byte			MIDI受信(各PARTの受信有無)			MIDI送信(データ発生元)		PLAY		REC
	Status	Data (Hex)	Parameter	Data (Hex)	Parameter	Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
Key Off [GM1] [GM2]	8nH (n: Channel Number)	kk	Key no. (0-127)	vv	Velocity (0-127)	○	○	○	×	○	×	○	×	×	
Key On [GM1] [GM2]	9nH (n: Channel Number)	kk	Key no. (0-127)	vv	Key On: vv=1-127 Key Off: vv=0	○	○	○	○ (鍵盤)	○	×	○	×	○	
Control Change	BnH	0 (00H)	Bank Select MSB [GM2]	0 (00H) 64 (40H) 118 (76H) 119 (77H) 120 (78H) 121 (79H) 126 (7EH) 127 (7FH)	Normal SFX voice GS Rhythm GS Normal GM2 Rhythm GM2 Normal SFX kit Drum kit	○	○	○ (Main)	○ (Voice)	○	×	○	○	○	
		1 (01H)	Modulation [GM1] [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		5 (05H)	Portamento Time [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		6 (06H)	Data Entry MSB [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○	
		7 (07H)	Main Volume [GM1] [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○	
		10 (0AH)	Panpot [GM1] [GM2]	0-127 (00H...7FH)	L64...C...R63	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○	
		11 (0BH)	Expression [GM1] [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Pedal)	○	×	○	○	○	
		32 (20H)	Bank Select LSB [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice)	○	×	○	○	○	
		38 (26H)	Data Entry LSB [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	×	○	
		64 (40H)	Sustain (Damper) [GM1] [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Pedal)	○	×	○	○	○	
		65 (41H)	Portamento [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		66 (42H)	Sostenuto [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	○	○	○ (全手弾き/パート)	○ (Pedal)	○	×	○	○	○	
		67 (43H)	Soft Pedal [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	○	○	○ (全手弾き/パート)	○ (Pedal)	○	×	○	○	○	
		71 (47H)	Harmonic Content [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○	
		72 (48H)	Release Time [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		73 (49H)	Attack Time [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		74 (4AH)	Brightness [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○	
		75 (4BH)	Decay Time [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		76 (4CH)	Vibrate Rate [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		77 (4DH)	Vibrate Depth [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		78 (4EH)	Vibrate Delay [GM2]	0-127 (00H...7FH)	-64...0...+63	○	○	○ (全手弾き/パート)	×	○	×	○	○	×	
		84 (54H)	Portamento Control	0-127 (00H...7FH)	Key no. (0-127)	○	○	○	×	×	○	×	○	×	×
		91 (5BH)	Effect1 Depth (Reverb Send Level) [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○	
		93 (5DH)	Effect3 Depth (Chorus Send Level) [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○	
		94 (5EH)	Effect4 Depth (Variation Send Level)	0-127 (00H...7FH)	Data	○	○	○	×	○	×	○	○	×	
		96 (60H)	RPN Increment	-	-	データバイトは無視する	○	○	×	×	○	×	○	×	×
97 (61H)	RPN Decrement	-	-	データバイトは無視する	○	○	×	×	○	×	○	×	×		
98 (62H)	NRPN LSB	0-127 (00H...7FH)	Data	○	○	○	×	×	○	×	○	○	×		
99 (63H)	NRPN MSB	0-127 (00H...7FH)	Data	○	○	○	×	×	○	×	○	○	×		
100 (64H)	RPN LSB [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○			
101 (65H)	RPN MSB [GM2]	0-127 (00H...7FH)	Data	○	○	○ (全手弾き/パート)	○ (Voice Setting)	○	×	○	○	○			
Mode Message	BnH (n: Channel Number)	120 (78H)	All Sound Off [GM2]	0 (00H)	Data	○	○	○ (全手弾き/パート)	×	○	×	○	×		
		121 (79H)	Reset All Controllers [GM1] [GM2]	0 (00H)	Data	○	×	×	×	○	×	○	×		
		122 (7AH)	Local Control	0 (00H) 127 (7FH)	OFF ON			○		×	×	×	×		
		123 (7BH)	All Note Off [GM1] [GM2]	0 (00H)	Data	○	○	○ (全手弾き/パート)	×	○	×	○	×		
		124 (7CH)	Omni Off [GM2]	0 (00H)	Data	○	×	×	×	○	×	○	×		
		125 (7DH)	Omni On [GM2]	0 (00H)	Data	○	×	×	×	○	×	○	×		
		126 (7EH)	Mono [GM2]	0-16 (00H...10H)	Data	○	×	×	×	○	×	○	×		
127 (7FH)	Poly [GM2]	0 (00H)	Data	○	×	×	×	○	×	○	×				
Program Change [GM1] [GM2]	CnH (n: Channel Number)	pp (00H...7FH)	音色番号 (0-127)	-	-	○	○	○ (Main)	○ (Voice)	○	×	○	○		
Channel After Touch [GM1] [GM2]	DnH (n: Channel Number)	vv (00H...7FH)	Data	-	-	○	○	○ (全手弾き/パート)	×	○	×	○	×		
Polyphonic After Touch	AnH (n: Channel Number)	kk (00H...7FH)	Key no. (0-127)	vv (00H...7FH)	Data	○	×	×	×	○	×	○	×		
PitchBend Change [GM1] [GM2]	EnH (n: Channel Number)	cc (00H...7FH)	LSB	dd (00H...7FH)	MSB	○	○	○ (全手弾き/パート)	○ (Pedal)	○	×	○	○		

MIDI Events	[MIDI (CLP)]															[本体シーケンサー]		
	Status byte		1st Data byte			2nd Data byte			MIDI受信(各PARTの受信有無)			MIDI送信(データ発生元)			PLAY		REC	
	Status	Data (Hex)	Parameter	Data (Hex)	Parameter	Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音				
Realtime Message	FBH MIDI Clock	-	-	-	-	-	X		O		-	-	X					
	FAH Start	-	-	-	-	-	O		O		-	-	X					
	FBH Continue	-	-	-	-	-	X		X		-	-	X					
	FCH Stop	-	-	-	-	-	O		O		-	-	X					
	FEH Active Sens [GM2]	-	-	-	-	-	O		O		-	-	X					
	FFH System Reset	-	-	-	-	-	X		X		-	-	X					

MIDI CHANNEL MESSAGE (2)

NRPN (ノンレジスタード パラメーター ナンバー)対応パラメーター

NRPN		Data Entry		Parameter	Data Range	[MIDI (CLP)]			[本体シーケンサー]				
MSB	LSB	MSB	LSB			Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW
01H	08H	mmH	-	Vibrato Rate	mm: 00H-40H-7FH (-64...0...+63)	O	O	X	X	O	X	O	X
01H	09H	mmH	-	Vibrato Depth	mm: 00H-40H-7FH (-64...0...+63)	O	O	X	X	O	X	O	X
01H	0AH	mmH	-	Vibrato Delay	mm: 00H-40H-7FH (-64...0...+63)	O	O	X	X	O	X	O	X
01H	20H	mmH	-	Low Pass Filter Cutoff Frequency	mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
01H	21H	mmH	-	Low Pass Filter Resonance	mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
01H	30H	mmH	-	EQ BASS	mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
01H	31H	mmH	-	EQ TREBLE	mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
01H	34H	mmH	-	EQ BASS Frequency	mm: 04H-28H (32...20k[Hz])	O	X	X	X	O	X	O	X
01H	35H	mmH	-	EQ TREBLE Frequency	mm: 1CH-3AH (500...16.0k[Hz])	O	X	X	X	O	X	O	X
01H	63H	mmH	-	EG Attack Time	mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
01H	64H	mmH	-	EG Decay Time	mm: 00H-40H-7FH (-64...0...+63)	O	O	X	X	O	X	O	X
01H	66H	mmH	-	EG Release	mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
14H	rrH	mmH	-	Drum Low Pass Filter Cutoff Frequency	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
15H	rrH	mmH	-	Drum Low Pass Filter Resonance	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
16H	rrH	mmH	-	Drum EG Attack Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
17H	rrH	mmH	-	Drum EG Decay Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
18H	rrH	mmH	-	Drum Pitch Coarse	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
19H	rrH	mmH	-	Drum Pitch Fine	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	O	X	X	X	O	X	O	X
1AH	rrH	mmH	-	Drum Level	rr: drum instrument note number mm: 00H-7FH (0...127)	O	X	X	X	O	X	O	X
1CH	rrH	mmH	-	Drum Pan	rr: drum instrument note number mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	O	X	X	X	O	X	O	X
1DH	rrH	mmH	-	Drum Reverb Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	O	X	X	X	O	X	O	X
1EH	rrH	mmH	-	Drum Chorus Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	O	X	X	X	O	X	O	X
1FH	rrH	mmH	-	Drum Variation Send Level	rr: drum instrument note number mm: 00H-7FH (0...127) (Variation Connection = SYSTEMのとき) mm: 00H, 01H-7FH (OFF, ON) (Variation Connection = INSERTIONのとき)	O	X	X	X	O	X	O	X
24H	rrH	mmH	-	Drum HPF Cutoff Frequency	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	X	X	X	X	X	X	X	X
30H	rrH	mmH	-	Drum EQ Bass Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X
31H	rrH	mmH	-	Drum EQ Treble Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X
34H	rrH	mmH	-	Drum EQ Bass Frequency	rr: drum instrument note number mm: 04H-28H (32...20k[Hz])	X	X	X	X	X	X	X	X
35H	rrH	mmH	-	Drum EQ Treble Frequency	rr: drum instrument note number mm: 1CH-3AH (500...16.0k[Hz])	X	X	X	X	X	X	X	X
40H	rrH	mmH	-	Drum VELOCITY PITCH SENS.	rr: drum instrument note number mm: 00H-0FH (0...15)	X	X	X	X	X	X	X	X
41H	rrH	mmH	-	Drum VELOCITY LPF CUTOFF SENS.	rr: drum instrument note number mm: 00H-0FH (0...15)	X	X	X	X	X	X	X	X

NRPN MSB: 14H-1FH (ドラム用)はそのパートが、ドラムモードのとき受信する。
Data Entry LSB値は無視する。

RPN (レジスタード パラメーター ナンバー)対応パラメーター

NRPN		Data Entry		Parameter	Data Range	[MIDI (CLP)]			[本体シーケンサー]				
MSB	LSB	MSB	LSB			Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW
00H	00H	mmH	-	Pitch Bend Sensitivity [GM1] [GM2]	mm: 00H-18H (0...+24[semitones])	O	O	O (全手弾きパート)	O (Function)	O	X	O	O
00H	01H	mmH	IIH	Fine Tune [GM1] [GM2]	mm II: 00H 00H -100[cent] ... mm II: 40H 00H 0[cent] ... mm II: 7FH 7FH 100[cent]	O	O	O (全手弾きパート)	O (Voice Setting)	O	X	O	O
00H	02H	mmH	-	Coarse Tune [GM1] [GM2]	mm: 28H-40H-58H (-24...0...+24[semitones])	O	O	O (全手弾きパート)	X	O	X	O	O
00H	05H	mmH	IIH	Modulation Sensitivity [GM2]	mm: 半音単位で設定 II: 100/128セント単位で設定	O	X	X	X	O	X	O	X
7FH	7FH	-	-	Null [GM2]	-	O	X	X	X	O	X	O	X

MIDI PARAMETER CHANGE TABLE

*Receive System Exclusive Messageの設定がOFFのときには受信しません。

*Transmit System Exclusive Messageの設定がOFFのときには送信しません。

MIDI Parameter Change table (XG SYSTEM)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]							
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC			
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音		
00	00	00 01 02 03	00-0F 00-0F 00-0F	MASTER TUNE	-102.4...0...+102.3[cent] 1st bit3-0→bit15-12 2nd bit3-0→bit11-8 3rd bit3-0→bit7-4 4th bit3-0→bit3-0	*Panel設定値		○		×		○	×	○	×	×
	04	1	00-7F	MASTER VOLUME	0...127	7F	○	×	×	×	○	×	○	○	×	×
	05	1	00-7F	MASTER ATTENUATOR	0...127	00	×	×	×	×	×	×	×	×	×	×
	06	1	28-58	TRANSPOSE	-24...0...+24[semitones]	40	○	×	×	×	○	×	○	○	○	×
	7D	1	N	DRUM SETUP RESET	N: Drum setup number	-	○	×	×	×	○	×	○	×	×	×
	7E	1	00	XG SYSTEM ON	00=XG system ON	-	○	×	×	×	○	×	○	×	×	×
	7F	1	00	ALL PARAMETER RESET	00=ON	-	○	×	×	×	○	×	○	×	×	×

TOTAL SIZE 07

MIDI Parameter Change table (SYSTEM INFORMATION)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]						
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC		
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
01	00	00 ... 0D	20-7F ... 20-7F	Model Name 1 ... Model Name 14	32...127 (ASCII CHARACTER) ... 32...127 (ASCII CHARACTER)	-	-	-	×	×	○	×	×	×	×
	0E	1		NOT USED											
	0F	1		NOT USED											

TOTAL SIZE 10

Dump Requestにより、送信される。受信は行なわない。

MIDI Parameter Change table (EFFECT1)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]						
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC		
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
02	01	00	2	00-7F	REVERB TYPE MSB REVERB TYPE LSB	エフェクトパラメーター一覧参照 "	01(=HALL1) 00		○		○	×	○	○	×
	02	1	00-7F	REVERB PARAMETER 1	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	03	1	00-7F	REVERB PARAMETER 2	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	04	1	00-7F	REVERB PARAMETER 3	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	05	1	00-7F	REVERB PARAMETER 4	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	06	1	00-7F	REVERB PARAMETER 5	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	07	1	00-7F	REVERB PARAMETER 6	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	08	1	00-7F	REVERB PARAMETER 7	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	09	1	00-7F	REVERB PARAMETER 8	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	0A	1	00-7F	REVERB PARAMETER 9	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	0B	1	00-7F	REVERB PARAMETER 10	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	0C	1	00-7F	REVERB RETURN	→dB...0dB...+6dB (0...64...127)	40		○		×	○	×	○	○	×
	0D	1	01-7F	REVERB PAN	L63...C...R63	40		○		×	○	×	○	○	×

TOTAL SIZE 0E

02	01	10	1	00-7F	REVERB PARAMETER 11	エフェクトパラメーター一覧参照	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×
	11	1	00-7F	REVERB PARAMETER 12	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×	
	12	1	00-7F	REVERB PARAMETER 13	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×	
	13	1	00-7F	REVERB PARAMETER 14	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×	
	14	1	00-7F	REVERB PARAMETER 15	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×	
	15	1	00-7F	REVERB PARAMETER 16	"	Reverb Typeに依存		○	(Reverb Typeに依存)	×	○	×	○	○	×	

TOTAL SIZE 06

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]						
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC		
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
02	01	20	2	00-7F	CHORUS TYPE MSB CHORUS TYPE LSB	エフェクトパラメーター一覧参照 "	01(=CHORUS1) 00		○		○	×	○	○	○
	22	1	00-7F	CHORUS PARAMETER 1	"	Chorus Typeに依存		○	(Chorus Typeに依存)	×	○	×	○	○	×
	23	1	00-7F	CHORUS PARAMETER 2	"	Chorus Typeに依存		○	(Chorus Typeに依存)	×	○	×	○	○	×

MIDIデータフォーマット

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]					
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生源)			PLAY		REC
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音
		24	1	00-7F	CHORUS PARAMETER 3	エフェクトパラメーター一覧参照	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		25	1	00-7F	CHORUS PARAMETER 4	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		26	1	00-7F	CHORUS PARAMETER 5	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		27	1	00-7F	CHORUS PARAMETER 6	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		28	1	00-7F	CHORUS PARAMETER 7	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		29	1	00-7F	CHORUS PARAMETER 8	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		2A	1	00-7F	CHORUS PARAMETER 9	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		2B	1	00-7F	CHORUS PARAMETER 10	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		2C	1	00-7F	CHORUS RETURN	→dB...0dB...+6dB (0..64...127)	40	○	×	○	×	○	○	×
		2D	1	01-7F	CHORUS PAN	L63...C...R63	40	○	×	○	×	○	○	×
		2E	1	00-7F	SEND CHORUS TO REVERB	→dB...0dB...+6dB (0..64...127)	00	○	×	○	×	○	○	×
TOTAL SIZE		0F												

02	01	30	1	00-7F	CHORUS PARAMETER 11	エフェクトパラメーター一覧参照	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		31	1	00-7F	CHORUS PARAMETER 12	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		32	1	00-7F	CHORUS PARAMETER 13	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		33	1	00-7F	CHORUS PARAMETER 14	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		34	1	00-7F	CHORUS PARAMETER 15	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
		35	1	00-7F	CHORUS PARAMETER 16	"	Chorus Typeに依存	○ (Chorus Typeに依存)	×	○	×	○	○	×
TOTAL SIZE		06												

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]					
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生源)			PLAY		REC
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音
02	01	40	2	00-7F 00-7F	VARIATION TYPE MSB VARIATION TYPE LSB	エフェクトパラメーター一覧参照 "	05 (=DELAY L, C, R) 00	○	×	○	×	○	○	×
		42	2	00-7F 00-7F	VARIATION PARAMETER 1 MSB VARIATION PARAMETER 1 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		44	2	00-7F 00-7F	VARIATION PARAMETER 2 MSB VARIATION PARAMETER 2 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		46	2	00-7F 00-7F	VARIATION PARAMETER 3 MSB VARIATION PARAMETER 3 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		48	2	00-7F 00-7F	VARIATION PARAMETER 4 MSB VARIATION PARAMETER 4 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		4A	2	00-7F 00-7F	VARIATION PARAMETER 5 MSB VARIATION PARAMETER 5 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		4C	2	00-7F 00-7F	VARIATION PARAMETER 6 MSB VARIATION PARAMETER 6 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		4E	2	00-7F 00-7F	VARIATION PARAMETER 7 MSB VARIATION PARAMETER 7 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		50	2	00-7F 00-7F	VARIATION PARAMETER 8 MSB VARIATION PARAMETER 8 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		52	2	00-7F 00-7F	VARIATION PARAMETER 9 MSB VARIATION PARAMETER 9 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		54	2	00-7F 00-7F	VARIATION PARAMETER 10 MSB VARIATION PARAMETER 10 LSB	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		56	1	00-7F	VARIATION RETURN	→dB...0dB...+6dB (0..64...127)	40	○	×	○	×	○	○	×
		57	1	01-7F	VARIATION PAN	L63...C...R63	40	○	×	○	×	○	○	×
		58	1	00-7F	SEND VARIATION TO REVERB	→dB...0dB...+6dB (0..64...127)	00	○	×	○	×	○	○	×
		59	1	00-7F	SEND VARIATION TO CHORUS	→dB...0dB...+6dB (0..64...127)	00	○	×	○	×	○	○	×
		5A	1	00-01	VARIATION CONNECTION	INSERTION, SYSTEM	00	○	×	○	×	○	○	×
		5B	1	00-7F	VARIATION PART NUMBER	受信: Part1...16 (0...15) 送信: Part1...16 (0...15) AD (64) OFF (127)	7F	○	×	○	×	○	○	×
		5C	1	00-7F	MW VARIATION CONTROL DEPTH	-64...0...+63	40	○	×	○	×	○	○	×
		5D	1	00-7F	BEND VARIATION CONTROL DEPTH	-64...0...+63	40	○	×	○	×	○	○	×
		5E	1	00-7F	CAT VARIATION CONTROL DEPTH	-64...0...+63	40	○	×	○	×	○	○	×
		5F	1	00-7F	AC1 VARIATION CONTROL DEPTH	-64...0...+63	40	○	×	○	×	○	○	×
		60	1	00-7F	AC2 VARIATION CONTROL DEPTH	-64...0...+63	40	○	×	○	×	○	○	×
TOTAL SIZE		21												

02	01	30	1	00-7F	VARIATION PARAMETER 11	エフェクトパラメーター一覧参照	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		31	1	00-7F	VARIATION PARAMETER 12	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		32	1	00-7F	VARIATION PARAMETER 13	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		33	1	00-7F	VARIATION PARAMETER 14	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		34	1	00-7F	VARIATION PARAMETER 15	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
		35	1	00-7F	VARIATION PARAMETER 16	"	Variation Typeに依存	○ (Variation Typeに依存)	×	○	×	○	○	×
TOTAL SIZE		06												

MIDI Parameter Change table (MULTI EQ)

Address (H)	Size (H)	Data (H)	Parameter	Description	[MIDI (CLP)]			[本体シーケンサー]						
					MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC		
					Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
02	40	00	1	00-04	EQ TYPE	flat, jazz, pops, rock, classic		X		X	X	X	X	X
		01	1	34-4C	EQ GAIN1	-12...0...+12[dB]		X		X	X	X	X	X
		02	1	04-28	EQ FREQUENCY1	32...2.0k[Hz]		X		X	X	X	X	X
		03	1	01-78	EQ Q1	0.1...12.0		X		X	X	X	X	X
		04	1	00-01	EQ SHAPE1	shelving, peaking		X		X	X	X	X	X
		05	1	34-4C	EQ GAIN2	-12...0...+12[dB]		X		X	X	X	X	X
		06	1	0E-36	EQ FREQUENCY2	100...10.0k[Hz]		X		X	X	X	X	X
		07	1	01-78	EQ Q2	0.1...12.0		X		X	X	X	X	X
		08	1		NOT USED			-		-	-	-	-	-
		09	1	34-4C	EQ GAIN3	-12...0...+12[dB]		X		X	X	X	X	X
		0A	1	0E-36	EQ FREQUENCY3	100...10.0k[Hz]		X		X	X	X	X	X
		0B	1	01-78	EQ Q3	0.1...12.0		X		X	X	X	X	X
		0C	1		NOT USED			-		-	-	-	-	-
		0D	1	34-4C	EQ GAIN4	-12...0...+12[dB]		X		X	X	X	X	X
		0E	1	0E-36	EQ FREQUENCY4	100...10.0k[Hz]		X		X	X	X	X	X
		0F	1	01-78	EQ Q4	0.1...12.0		X		X	X	X	X	X
		10	1		NOT USED			-		-	-	-	-	-
		11	1	34-4C	EQ GAIN5	-12...0...+12[dB]		X		X	X	X	X	X
		12	1	1C-3A	EQ FREQUENCY5	0.5k...16.0k[Hz]		X		X	X	X	X	X
		13	1	01-78	EQ Q5	0.1...12.0		X		X	X	X	X	X
		14	1	00-01	EQ SHAPE5	shelving, peaking		X		X	X	X	X	X

TOTAL SIZE 15

*MULTI EQはXG System Onでリセットされません。

MIDI Parameter Change table (EFFECT2)

*EFFECT2はXG System Onでリセットされません。

Address (H)	Size (H)	Data (H)	Parameter	Description	[MIDI (CLP)]			[本体シーケンサー]						
					MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC		
					Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
03	n	00	2	00-7F	INSERTION EFFECT TYPE MSB	エフェクトパラメーター一覧参照		○		○	X	○	○	○
		02	1	00-7F	INSERTION EFFECT TYPE LSB	"		○	(Voice Setting)	○	X	○	○	○
		03	1	00-7F	INSERTION EFFECT PARAMETER 1	"		○	(Voice Setting)	○	X	○	○	○
		04	1	00-7F	INSERTION EFFECT PARAMETER 2	"		○	(Voice Setting)	○	X	○	○	○
		05	1	00-7F	INSERTION EFFECT PARAMETER 3	"		○	(Voice Setting)	○	X	○	○	○
		06	1	00-7F	INSERTION EFFECT PARAMETER 4	"		○	(Voice Setting)	○	X	○	○	○
		07	1	00-7F	INSERTION EFFECT PARAMETER 5	"		○	(Voice Setting)	○	X	○	○	○
		08	1	00-7F	INSERTION EFFECT PARAMETER 6	"		○	(Voice Setting)	○	X	○	○	○
		09	1	00-7F	INSERTION EFFECT PARAMETER 7	"		○	(Voice Setting)	○	X	○	○	○
		0A	1	00-7F	INSERTION EFFECT PARAMETER 8	"		○	(Voice Setting)	○	X	○	○	○
		0B	1	00-7F	INSERTION EFFECT PARAMETER 9	"		○	(Voice Setting)	○	X	○	○	○
		0C	1	00-7F	INSERTION EFFECT PARAMETER 10	"		○	(Voice Setting)	○	X	○	○	○
		0D	1	00-7F	INSERTION EFFECT PART NUMBER	受信: Part1...16 (0...15) 送信: Part1...16 (0...15) AD (64) OFF (127)		○	(Voice)	○	X	○	○	○
		0E	1	00-7F	MW INSERTION CONTROL DEPTH	-64...0...+63		○	X	○	X	○	○	X
		0F	1	00-7F	BEND INSERTION CONTROL DEPTH	-64...0...+63		○	X	○	X	○	○	X
		10	1	00-7F	CAT INSERTION CONTROL DEPTH	-64...0...+63		○	X	○	X	○	○	X
		11	1	00-7F	AC1 INSERTION CONTROL DEPTH	-64...0...+63		○	X	○	X	○	○	X

TOTAL SIZE 12

02	01	20	1	00-7F	INSERTION EFFECT PARAMETER 11	エフェクトパラメーター一覧参照		○	X	○	X	○	○	X	
		21	1	00-7F	INSERTION EFFECT PARAMETER 12	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		22	1	00-7F	INSERTION EFFECT PARAMETER 13	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		23	1	00-7F	INSERTION EFFECT PARAMETER 14	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		24	1	00-7F	INSERTION EFFECT PARAMETER 15	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		25	1	00-7F	INSERTION EFFECT PARAMETER 16	"		○	(Insertion Typeに依存)	○	X	○	○	○	○

TOTAL SIZE 6

		30	2	00-7F	INSERTION EFFECT PARAMETER 1 MSB	エフェクトパラメーター一覧参照		○	X	○	X	○	○	X	
				00-7F	INSERTION EFFECT PARAMETER 1 LSB	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		32	2	00-7F	INSERTION EFFECT PARAMETER 2 MSB	"		○	X	○	X	○	○	X	
				00-7F	INSERTION EFFECT PARAMETER 2 LSB	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		34	2	00-7F	INSERTION EFFECT PARAMETER 3 MSB	"		○	X	○	X	○	○	X	
				00-7F	INSERTION EFFECT PARAMETER 3 LSB	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		36	2	00-7F	INSERTION EFFECT PARAMETER 4 MSB	"		○	X	○	X	○	○	X	
				00-7F	INSERTION EFFECT PARAMETER 4 LSB	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		38	2	00-7F	INSERTION EFFECT PARAMETER 5 MSB	"		○	X	○	X	○	○	X	
				00-7F	INSERTION EFFECT PARAMETER 5 LSB	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		3A	2	00-7F	INSERTION EFFECT PARAMETER 6 MSB	"		○	X	○	X	○	○	X	
				00-7F	INSERTION EFFECT PARAMETER 6 LSB	"		○	(Insertion Typeに依存)	X	○	X	○	○	X
		3C	2	00-7F	INSERTION EFFECT PARAMETER 7 MSB	"		○	X	○	X	○	○	X	
				00-7F	INSERTION EFFECT PARAMETER 7 LSB	"		○	(Insertion Typeに依存)	X	○	X	○	○	X

MIDIデータフォーマット

	3E	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 8 MSB INSERTION EFFECT PARAMETER 8 LSB	エフェクトパラメーター一覧参照 //	○ (Insertion Typeに依存)	×	○	×	○	○	×
	40	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 9 MSB INSERTION EFFECT PARAMETER 9 LSB	//	○ (Insertion Typeに依存)	×	○	×	○	○	×
	42	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 10 MSB INSERTION EFFECT PARAMETER 10 LSB	//	○ (Insertion Typeに依存)	○	○	×	○	○	○

TOTAL SIZE 14

addressの2byteめをインサージョンエフェクト番号とする。

n: insertion effect number

MSBが不要なEFFECT TYPE使用時は、アドレス02~0Bのパラメータを受信し、アドレス30~42のパラメータは受信しない。

MSBが必要なEFFECT TYPE使用時は、アドレス30~42のパラメータを受信し、アドレス02~0Bのパラメータは受信しない。

EFFECT TYPEの情報を含むバルクの送信は、アドレス02~0Bのパラメータが必ず送信されるが、MSBが必要なEFFECT TYPEの場合は、バルク受信においてもアドレス02~0Bのパラメータの受信をしない。

MIDI Parameter Change table (MULTI PART)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]						
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC		
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
08	nn	00	1	00-20	NOT USED		×	×	×	×	×	×	×	×	
		01	1	00-7F	BANK SELECT MSB	0...127 part10=7F, other parts=00	○	○	×	×	○	×	○	○	×
		02	1	00-7F	BANK SELECT LSB	0...127 00	○	○	×	×	○	×	○	○	×
		03	1	00-7F	PROGRAM NUMBER	1...128 00	○	○	×	×	○	×	○	○	×
		04	1	00-0F, 7F	Rcv CHANNEL	1...16, OFF Part No.	○	×	×	×	○	×	○	×	×
		05	1	00-01	MONO/POLY MODE	MONO, POLY 01	○	×	×	×	○	×	○	×	×
		06	1	00-02	SAME NOTE NUMBER KEY ON ASSIGN	SINGLE, MULTI, INST (for Drum) 01	○	×	×	×	○	×	○	×	×
		07	1	00-03	PART MODE	NORMAL, DRUM, DRUMS1...2 part10=02, other parts=00	○	×	×	○ (Drum Voice)	○	×	○	×	○
		08	1	28-5B	NOTE SHIFT	-24...0...+24[semitones] 40	○	○	×	×	○	×	○	○	×
		09 0A	2	00-0F 00-0F	DETUNE	-12.8...0...+12.7[Hz] 1st bit3-0 → bit7-4 2nd bit3-0 → bit3-0 08 00	○	○	×	×	○	×	○	×	×
		0B	1	00-7F	VOLUME	0...127 64	○	○	×	×	○	×	○	○	×
		0C	1	00-7F	VELOCITY SENSE DEPTH	0...127 40	○	○	×	○ (Voice Setting)	○	×	○	○	○
		0D	1	00-7F	VELOCITY SENSE OFFSET	0...127 40	○	○	×	○ (Voice Setting)	○	×	○	○	○
		0E	1	00-7F	PAN	RND, L63...C...R63 40	○	○	×	×	○	×	○	○	×
		0F	1	00-7F	NOTE LIMIT LOW	C-2...G8 00	○	○	×	×	○	×	○	×	×
		10	1	00-7F	NOTE LIMIT HIGH	C-2...G8 7F	○	○	×	×	○	×	○	×	×
		11	1	00-7F	DRY LEVEL	0...127 7F	○	○	×	×	○	×	○	○	×
		12	1	00-7F	CHORUS SEND	0...127 00	○	○	×	×	○	×	○	○	×
		13	1	00-7F	REVERB SEND	0...127 28	○	○	×	×	○	×	○	○	×
		14	1	00-7F	VARIATION SEND	0...127 00	○	○	×	×	○	×	○	○	×
		15	1	00-7F	VIBRATO RATE	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		16	1	00-7F	VIBRATO DEPTH	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		17	1	00-7F	VIBRATO DELAY	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		18	1	00-7F	FILTER CUTOFF FREQUENCY	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		19	1	00-7F	FILTER RESONANCE	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		1A	1	00-7F	EG ATTACK TIME	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		1B	1	00-7F	EG DECAY TIME	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		1C	1	00-7F	EG RELEASE TIME	-64...0...+63 40	○	○	×	×	○	×	○	○	×
		1D	1	28-5B	MW PITCH CONTROL	-24...0...+24[semitones] 40	○	○	×	×	○	×	○	×	×
		1E	1	00-7F	MW LOW PASS FILTER CONTROL	-9600...0...+9450[cent] 40	○	○	×	×	○	×	○	×	×
		1F	1	00-7F	MW AMPLITUDE CONTROL	-100...0...+100[%] 40	○	○	×	×	○	×	○	×	×
		20	1	00-7F	MW LFO PMOD DEPTH	0...127 0A	○	○	×	×	○	×	○	×	×
		21	1	00-7F	MW LFO FMOD DEPTH	0...127 00	○	○	×	×	○	×	○	×	×
		22	1	00-7F	MW LFO AMOD DEPTH	0...127 00	○	○	×	×	○	×	○	×	×
		23	1	28-5B	BEND PITCH CONTROL	-24...0...+24[semitones] 42	○	○	×	×	○	×	○	×	×
		24	1	00-7F	BEND LOW PASS FILTER CONTROL	-9600...0...+9450[cent] 40	○	○	×	×	○	×	○	×	×
		25	1	00-7F	BEND AMPLITUDE CONTROL	-100...0...+100[%] 40	○	○	×	×	○	×	○	×	×
		26	1	00-7F	BEND LFO PMOD DEPTH	0...127 00	○	○	×	×	○	×	○	×	×
		27	1	00-7F	BEND LFO FMOD DEPTH	0...127 00	○	○	×	×	○	×	○	×	×
		28	1	00-7F	BEND LFO AMOD DEPTH	0...127 00	○	○	×	×	○	×	○	×	×

TOTAL SIZE 29

		30	1	00-01	Rcv PITCH BEND	OFF, ON 01	○	×	×	×	○	×	○	×	×
		31	1	00-01	Rcv CH AFTER TOUCH (CAT)	OFF, ON 01	○	×	×	×	○	×	○	×	×
		32	1	00-01	Rcv PROGRAM CHANGE	OFF, ON 01	○	×	×	×	○	×	○	×	×
		33	1	00-01	Rcv CONTROL CHANGE	OFF, ON 01	○	×	×	×	○	×	○	×	×
		34	1	00-01	Rcv POLY AFTER TOUCH (PAT)	OFF, ON 01	○	×	×	×	○	×	○	×	×
		35	1	00-01	Rcv NOTE MESSAGE	OFF, ON 01	○	×	×	×	○	×	○	×	×
		36	1	00-01	Rcv RPN	OFF, ON 01	○	×	×	×	○	×	○	×	×
		37	1	00-01	Rcv NRPN	OFF, ON XGmode=01, GMmode=00	○	×	×	×	○	×	○	×	×
		38	1	00-01	Rcv MODULATION	OFF, ON 01	○	×	×	×	○	×	○	×	×
		39	1	00-01	Rcv VOLUME	OFF, ON 01	○	×	×	×	○	×	○	×	×
		3A	1	00-01	Rcv PAN	OFF, ON 01	○	×	×	×	○	×	○	×	×
		3B	1	00-01	Rcv EXPRESSION	OFF, ON 01	○	×	×	×	○	×	○	×	×
		3C	1	00-01	Rcv HOLD1	OFF, ON 01	○	×	×	×	○	×	○	×	×
		3D	1	00-01	Rcv PORTAMENTO	OFF, ON 01	○	×	×	×	○	×	○	×	×
		3E	1	00-01	Rcv SOSTENUTO	OFF, ON 01	○	×	×	×	○	×	○	×	×
		3F	1	00-01	Rcv SOFT PEDAL	OFF, ON 01	○	×	×	×	○	×	○	×	×
		40	1	00-01	Rcv BANK SELECT	OFF, ON 01	○	×	×	×	○	×	○	×	×
		41	1	00-7F	SCALE TUNING C	-63...0...+63[cent] 40	○	○	×	○ (Function)	○	×	○	○	○
		42	1	00-7F	SCALE TUNING C#	-63...0...+63[cent] 40	○	○	×	○ (Function)	○	×	○	○	○
		43	1	00-7F	SCALE TUNING D	-63...0...+63[cent] 40	○	○	×	○ (Function)	○	×	○	○	○
		44	1	00-7F	SCALE TUNING D#	-63...0...+63[cent] 40	○	○	×	○ (Function)	○	×	○	○	○
		45	1	00-7F	SCALE TUNING E	-63...0...+63[cent] 40	○	○	×	○ (Function)	○	×	○	○	○

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]						
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)		PLAY		REC		
						Song	Main Layer Left Layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音	
	46	1	00-7F	SCALE TUNING F	-63...0...+63[cent]	40	○	○	×	○	×	○	○	○	
	47	1	00-7F	SCALE TUNING F#	-63...0...+63[cent]	40	○	○	×	○	×	○	○	○	
	48	1	00-7F	SCALE TUNING G	-63...0...+63[cent]	40	○	○	×	○	×	○	○	○	
	49	1	00-7F	SCALE TUNING G#	-63...0...+63[cent]	40	○	○	×	○	×	○	○	○	
	4A	1	00-7F	SCALE TUNING A	-63...0...+63[cent]	40	○	○	×	○	×	○	○	○	
	4B	1	00-7F	SCALE TUNING A#	-63...0...+63[cent]	40	○	○	×	○	×	○	○	○	
	4C	1	00-7F	SCALE TUNING B	-63...0...+63[cent]	40	○	○	×	○	×	○	○	○	
	4D	1	28-58	CAT PITCH CONTROL	-24...0...+24[semitones]	40	○	×	×	×	○	×	○	×	×
	4E	1	00-7F	CAT LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	○	×	×	×	○	×	○	○	×
	4F	1	00-7F	CAT AMPLITUDE CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
	50	1	00-7F	CAT LFO PMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	51	1	00-7F	CAT LFO FMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	52	1	00-7F	CAT LFO AMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	53	1	28-58	PAT PITCH CONTROL	-24...0...+24[semitones]	40	○	×	×	×	○	×	○	○	×
	54	1	00-7F	PAT LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	○	×	×	×	○	×	○	○	×
	55	1	00-7F	PAT AMPLITUDE CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
	56	1	00-7F	PAT LFO PMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	57	1	00-7F	PAT LFO FMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	58	1	00-7F	PAT LFO AMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	59	1	00-5F	AC1 CONTROLLER NUMBER	0...95	10	○	×	×	×	○	×	○	○	×
	5A	1	28-58	AC1 PITCH CONTROL	-24...0...+24[semitones]	40	○	×	×	×	○	×	○	○	×
	5B	1	00-7F	AC1 LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	○	×	×	×	○	×	○	○	×
	5C	1	00-7F	AC1 AMPLITUDE CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
	5D	1	00-7F	AC1 LFO PMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	5E	1	00-7F	AC1 LFO FMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	5F	1	00-7F	AC1 LFO AMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	60	1	00-5F	AC2 CONTROLLER NUMBER	0...95	11	○	×	×	×	○	×	○	○	×
	61	2	28-58	AC2 PITCH CONTROL	-24...0...+24[semitones]	40	○	×	×	×	○	×	○	○	×
	62	1	00-7F	AC2 LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	○	×	×	×	○	×	○	○	×
	63	1	00-7F	AC2 AMPLITUDE CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
	64	1	00-7F	AC2 LFO PMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	65	1	00-7F	AC2 LFO FMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	66	1	00-7F	AC2 LFO AMOD DEPTH	0...127	00	○	×	×	×	○	×	○	○	×
	67	1	00-01	PORTAMENTO SWITCH	OFF, ON	00	○	○	×	×	○	×	○	○	×
	68	1	00-7F	PORTAMENTO TIME	0...127	00	○	○	×	×	○	×	○	○	×
	69	1	00-7F	PITCH EG INITIAL LEVEL	-64...0...+63	40	○	×	×	×	○	×	○	○	×
	6A	1	00-7F	PITCH EG ATTACK TIME	-64...0...+63	40	○	×	×	×	○	×	○	○	×
	6B	1	00-7F	PITCH EG RELEASE LEVEL	-64...0...+63	40	○	×	×	×	○	×	○	○	×
	6C	1	00-7F	PITCH EG RELEASE TIME	-64...0...+63	40	○	×	×	×	○	×	○	○	×
	6D	1	00-7F	VELOCITY LIMIT LOW	1...127	01	○	×	×	×	○	×	○	○	×
	6E	1	00-7F	VELOCITY LIMIT HIGH	1...127	7F	○	×	×	×	○	×	○	○	×

TOTAL SIZE 3F

	70	1		NOT USED		-	-	-	-	-	-	-	-	-
	71	1		NOT USED		-	-	-	-	-	-	-	-	-
	72	1	00-7F	EQ BASS GAIN	-12dB...+12dB	40	○	○	×	○	×	○	○	○
	73	1	00-7F	EQ TREBLE GAIN	-12dB...+12dB	40	○	○	×	○	×	○	○	○

TOTAL SIZE 04

	74	1		NOT USED		-	-	-	-	-	-	-	-	-
	75	1		NOT USED		-	-	-	-	-	-	-	-	-
	76	1	04-28	EQ BASS FREQUENCY	32...2.0k[Hz]	0C	○	○	×	○	×	○	○	○
	77	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	○	○	×	○	×	○	○	○
	78	1		NOT USED		-	-	-	-	-	-	-	-	-
	78	1		NOT USED		-	-	-	-	-	-	-	-	-
	7A	1		NOT USED		-	-	-	-	-	-	-	-	-
	7B	1		NOT USED		-	-	-	-	-	-	-	-	-
	7C	1		NOT USED		-	-	-	-	-	-	-	-	-
	7D	1		NOT USED		-	-	-	-	-	-	-	-	-
	7E	1		NOT USED		-	-	-	-	-	-	-	-	-
	7F	1		NOT USED		-	-	-	-	-	-	-	-	-

TOTAL SIZE 0C

0A	nn	40	1	00-7F	MW OFFSET LEVEL CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
		41	1	00-7F	BEND OFFSET LEVEL CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
		42	1	00-7F	CAT OFFSET LEVEL CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
		43	1	00-7F	PAT OFFSET LEVEL CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
		44	1	00-7F	AC1 OFFSET LEVEL CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×
		45	1	00-7F	AC2 OFFSET LEVEL CONTROL	-100...0...+100[%]	40	○	×	×	×	○	×	○	○	×

TOTAL SIZE 06

nn = PART NUMBER

DRUM PARTの場合、以下のパラメータは効果がからない。

- BANK SELECT LSB
- PORTAMENTO
- MONO/POLY
- SCALE TUNING
- POLY AFTER TOUCH
- PITCH EG

MIDI Parameter Change table (DRUM SETUP)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI (CLP)]			[本体シーケンサー]									
						MIDI受信(各PARTの発音への効果の有無)			MIDI送信(データ発生元)			PLAY		REC				
						Song	Main Layer Left Left-layer	Keyboard	Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音				
3n	rr	00	1	00-7F	PITCH COARSE	-64...0...+63	40	○	×	×	×	○	×	○	×	×	×	
		01	1	00-7F	PITCH FINE	-64...0...+63[cent]	40	○	×	×	×	○	×	○	×	○	×	×
		02	1	00-7F	LEVEL	0...127	ノードに依存します	○	×	×	×	○	×	○	×	○	×	×
		03	1	00-7F	ALTERNATE GROUP	OFF, 1...127	ノードに依存します	○	×	×	×	○	×	○	×	○	×	×
		04	1	00-7F	PAN	RND, L63...C...R63	ノードに依存します	○	×	×	×	○	×	○	×	○	×	×
		05	1	00-7F	REVERB SEND	0...127	ノードに依存します	○	×	×	×	○	×	○	×	○	×	×
		06	1	00-7F	CHORUS SEND	0...127	ノードに依存します	○	×	×	×	○	×	○	×	○	×	×
		07	1	00-7F	VARIATION SEND	0...127	7F	○	×	×	×	○	×	○	×	○	×	×
		08	1	00-01	KEY ASSIGN	SINGLE, MULTI	00	○	×	×	×	○	×	○	×	○	×	×
		09	1	00-01	Rcv NOTE OFF	OFF, ON	ノードに依存します	○	×	×	×	○	×	○	×	○	×	×
		0A	1	00-01	Rcv NOTE ON	OFF, ON	01	○	×	×	×	○	×	○	×	○	×	×
		0B	1	00-7F	LOW PASS FILTER CUTOFF FREQUENCY	-64...0...+63	40	○	×	×	×	○	×	○	×	○	×	×
		0C	1	00-7F	LOW PASS FILTER RESONANCE	-64...0...+63	40	○	×	×	×	○	×	○	×	○	×	×
		0D	1	00-7F	EG ATTACK RATE	-64...0...+63	40	○	×	×	×	○	×	○	×	○	×	×
		0E	1	00-7F	EG DECAY1 RATE	-64...0...+63	40	○	×	×	×	○	×	○	×	○	×	×
		0F	1	00-7F	EG DECAY2 RATE	-64...0...+63	40	○	×	×	×	○	×	○	×	○	×	×

TOTAL SIZE 10

		20	1	00-7F	EQ BASS GAIN	-12dB...+12dB	40	×	×	×	×	×	×	×	×	×	×	×
		21	1	00-7F	EQ TREBLE GAIN	-12dB...+12dB	40	×	×	×	×	×	×	×	×	×	×	×
		22	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		23	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		24	1	04-2B	EQ BASS FREQUENCY	32...2.0k[Hz]	0C	×	×	×	×	×	×	×	×	×	×	×
		25	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	×	×	×	×	×	×	×	×	×	×	×
		26	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		27	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		28	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		29	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		2A	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		2B	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		2C	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-
		2D	1		NOT USED		-	-	-	-	-	-	-	-	-	-	-	-

TOTAL SIZE 0E

n: Drum Setup Number (0-1)

rr: note number (0D-5B)

すべてのDrum Setupを以下の場合に初期化する。

- XG SYSTEM ON受信
- GM SYSTEM ON受信
- GM LEVEL2 SYSTEM ON受信
- GS RESET受信
- DRUM SETUP RESET受信 (XG mode時)

[注意]

Drum Setupをアサインされているパートのプログラムチェンジを受信すると、アサインされているDrum Setupは初期化される。複数のパートが同じDrum Setupをアサインされている場合、Drum Setup/パラメーターの変更(プログラムチェンジを含む)は、アサインされているすべてのパートに反映する。

System Exclusive Messages (1)

*Receive System Exclusive Messageの設定がOFFのときには受信しません。

*Transmit System Exclusive Messageの設定がOFFのときには送信しません。

■ システムエクスクルーシブメッセージ (ユニバーサルリアルタイムメッセージ)

MIDI Event	データフォーマット	[MIDI (CLP)]			[本体シーケンサー]						
		MIDI受信(各PARTの発音への効果の有無)			MIDI受信 (パネルへの効果)	MIDI送信(データ発生元)			PLAY		REC
		Song	Main Layer Left Left-layer	Keyboard		Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音
Master Volume [GM2]	F0 7F XN 04 01 SS TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000001 01 = Sub-ID #2=Master Volume 0sssssss SS = Volume LSB 0ttttttt TT = Volume MSB 11110111 F7 = End of Exclusive	○	×	×	×	×	×	×	○	○	×
Master Fine Tuning [GM2]	F0 7F XN 04 03 SS TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000011 03 = Sub-ID #2=Master Fine Tuning 0sssssss SS = Volume LSB 0ttttttt TT = Volume MSB 11110111 F7 = End of Exclusive	○	×	×	×	×	○	×	○	×	×
Master Coarse Tuning [GM2]	F0 7F XN 04 04 00 TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000000 00 04 = Sub-ID #2=Master Fine Tuning 00000000 00 0ttttttt TT = Coarse Tuning MSB 11110111 F7 = End of Exclusive	○	×	×	×	×	○	×	○	×	×

MIDI Event	データフォーマット	[MIDI (CLP)]			[本体シーケンサー]						
		MIDI受信(各PARTの発音への効果の有無)			MIDI受信 (パネルへの効果)	MIDI送信(データ発生元)			PLAY		REC Panel からの 録音
		Song	Main Layer Left Left-layer	Keyboard		Panel (主な出力方法)	Song	MIDI	PLAY	REW	
Reverb Parameter [GM2]	FO 7F XN 04 05 01 01 01 01 01 PP VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000101 05 = Sub-ID #2=Global Parameter Control 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 (Reverb) 00000001 01 = Slot path LSB = 1 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter. ... 11110111 F7 = End of Exclusive Parameter (pp) Value (vv) Display ----- pp=0 Reverb Type 0..8 0: RoomS 1: RoomM 2: RoomL 3: HallM 4: HallL (default) 8: GM Plate pp=1 Reverb Time 0..128 0..11.0s	○			○	×	○	×	○	○	×
Chorus Parameter [GM2]	FO 7F XN 04 05 01 01 01 01 02 PP VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00000100 04 = Sub-ID #1=Device Control Message 00000101 05 = Sub-ID #2=Global Parameter Control 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 (Chorus) 00000010 02 = Slot path LSB = 2 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter. ... 11110111 F7 = End of Exclusive Parameter (pp) Value (vv) Display ----- pp=0 Chorus Type 0...5 0: GM Chorus1 1: GM Chorus2 2: GM Chorus3 (default) 3: GM Chorus4 4: FB Chorus 5: GM Flanger pp=1 Mod Rate 0..127 0..15.5Hz pp=2 Mod Depth 0..127 pp=3 Feedback 0..127 pp=4 Send to Reverb 0..127	○			○	×	○	×	○	○	×
Channel Pressure (Aftertouch) [GM2]	FO 7F XN 09 01 0M PP RR ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001001 09 = Sub-ID #1=Controller Destination Setting 00000001 01 = Sub-ID #2=Controller Type: 01 (Channel Pressure) 0000mmmm 0M = MIDI Channel (00-0F) 0ppppppp PP = Controlled Parameter 0rrrrrrr RR = Data ... 11110111 F7 = End of Exclusive Control Parameter (pp) Data (RR) Description 初期値 ----- pp=00 Pitch Control 28H-58H -24...0...+24 semitones 40H pp=01 Filter Cutoff Control 00H-7FH -9600...0...+9450 cents 40H pp=02 Amplitude Control 00H-7FH -100...0...+100% 40H pp=03 LFO Pitch Depth 00H-7FH 0..127 00H pp=04 LFO Filter Depth 00H-7FH 0..127 00H pp=05 LFO Amplitude Depth 00H-7FH 0..127 00H	○	×	×	×	×	○	×	○	×	×
Controller (Control Change) [GM2]	FO 7F XN 09 03 0M CC PP RR ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001001 09 = Sub-ID #1=Controller Destination Setting 00000011 03 = Sub-ID #2=Controller Type: 03 (Control Change) 0000mmmm 0M = MIDI Channel (00-0F) 0ccccccc CC = Controller Number (01H-1FH, 40H-5FH) 0ppppppp PP = Controlled Parameter 0rrrrrrr RR = Data ... 11110111 F7 = End of Exclusive Controlled ParameterとRangeをペアで設定。 設定しなかったパラメータは初期化される。 Control Parameter (pp) Data (RR) Description 初期値 ----- pp=00 Pitch Control 28H-58H -24...0...+24 semitones 40H pp=01 Filter Cutoff Control 00H-7FH -9600...0...+9450 cents 40H pp=02 Amplitude Control 00H-7FH -100...0...+100% 40H pp=03 LFO Pitch Depth 00H-7FH 0..127 00H pp=04 LFO Filter Depth 00H-7FH 0..127 00H pp=05 LFO Amplitude Depth 00H-7FH 0..127 00H	○	×	×	×	×	○	×	○	×	×

MIDIデータフォーマット

MIDI Event	データフォーマット	[MIDI (CLP)]			[本体シーケンサー]																										
		MIDI受信(各PARTの発音への効果の有無)			MIDI受信 (パネルへの効果)	MIDI送信(データ発生元)			PLAY		REC																				
		Song	Main Layer Left Left-layer	Keyboard		Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音																				
Key-Based Instrument Control [GM2]	F0 7F XN 0A 01 0M KK CC VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001010 0A = Sub-ID #1=Key-Based Instrument Control 00000011 01 = Sub-ID #2=Controller 0000mmmm 0M = MIDI Channel (00-0F) 0kkkkkkkk KK = Key Number 0ccccccc CC = Controller Number 0vvvvvvvv VV = Value ... 11110111 F7 = End of Exclusive Controlled NumberとValueをペアで設定 <table border="1"> <thead> <tr> <th>Control Number (CC)</th> <th>Value (VV)</th> <th>Description</th> <th>初期値</th> </tr> </thead> <tbody> <tr> <td>CC=07H Volume</td> <td>00H-7FH</td> <td>-100...0...+100%</td> <td>40</td> </tr> <tr> <td>CC=0AH Pan</td> <td>00H-7FH</td> <td>L63...C...R63 (absolute)</td> <td>(Preset value)</td> </tr> <tr> <td>CC=5BH Reverb Send Level</td> <td>00H-7FH</td> <td>0...Max (absolute)</td> <td>(Preset value)</td> </tr> <tr> <td>CC=5DH Chorus Send Level</td> <td>00H-7FH</td> <td>0...Max (absolute)</td> <td>(Preset value)</td> </tr> </tbody> </table>	Control Number (CC)	Value (VV)	Description	初期値	CC=07H Volume	00H-7FH	-100...0...+100%	40	CC=0AH Pan	00H-7FH	L63...C...R63 (absolute)	(Preset value)	CC=5BH Reverb Send Level	00H-7FH	0...Max (absolute)	(Preset value)	CC=5DH Chorus Send Level	00H-7FH	0...Max (absolute)	(Preset value)	○	×	×	×	×	○	×	○	×	×
Control Number (CC)	Value (VV)	Description	初期値																												
CC=07H Volume	00H-7FH	-100...0...+100%	40																												
CC=0AH Pan	00H-7FH	L63...C...R63 (absolute)	(Preset value)																												
CC=5BH Reverb Send Level	00H-7FH	0...Max (absolute)	(Preset value)																												
CC=5DH Chorus Send Level	00H-7FH	0...Max (absolute)	(Preset value)																												

■ システムエクスクルーシブメッセージ (ユニバーサルノン・リアルタイムメッセージ)

MIDI Event	データフォーマット	[MIDI (CLP)]			[本体シーケンサー]						
		MIDI受信(各PARTの発音への効果の有無)			MIDI受信 (パネルへの効果)	MIDI送信(データ発生元)			PLAY		REC
		Song	Main Layer Left Left-layer	Keyboard		Panel (主な出力方法)	Song	MIDI	PLAY	REW	Panelからの録音
GM1 System On [GM1] [GM2]	F0 7E XN 09 01 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001001 09 = Sub-ID #1=General MIDI Message 00000001 01 = Sub-ID #2=General MIDI On 11110111 F7 = End of Exclusive	○	×	×	○ (Voice Setting, Reverb Type, Chorus Type)	×	○	×	○	×	○
GM2 System On [GM2]	F0 7E XN 09 03 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001001 09 = Sub-ID #1=General MIDI Message 00000011 03 = Sub-ID #2=General MIDI2 On 11110111 F7 = End of Exclusive	○	×	×	×	×	○	×	○	×	×
General MIDI System Off [GM1] [GM2]	F0 7E XN 09 02 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001001 09 = Sub-ID #1=General MIDI Message 00000010 02 = Sub-ID #2=General MIDI Off 11110111 F7 = End of Exclusive	○	×	×	○ (Voice Setting, Reverb Type, Chorus Type)	×	○	×	○	×	×
Scale/Octave Tuning [GM2]	F0 7E XN 08 08 JJ GG MM SS ... F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001000 08 = Sub-ID #1=MIDI Tuning Standard 00001000 08 = Sub-ID #2=scale/octave tuning 1byte form 0jjjjjj JJ = Channel/option byte1 bits 0 to 1 = channel 15 to 16 bits 2 to 6 = reserved 0ggggggg GG = Channel byte 2 - bits 0 to 6 = channel 8 to 14 0mmmmmm MM = Channel byte 2 - bits 0 to 6 = channel 1 to 7 0sssssss SS = 12 byte tuning offset of 12 semitones from C to B 00H means -64cent 40H means 0cent 7FH means +63cent ... 11110111 F7 = End of Exclusive	○	×	×	×	×	○	×	○	×	×

*GM2 System OnありソングではBANK MSB/LSBを削除してロードする

System Exclusive Messages (2)

*Receive System Exclusive Messageの設定がOFFのときには受信しません。

*Transmit System Exclusive Messageの設定がOFFのときには送信しません。

■ システムエクスクルーシブメッセージ (XG)

MIDI Event	データフォーマット	[MIDI (CLP)]			[本体シーケンサー]		
		MIDI受信(各PARTの発音への効果の有無)			MIDI受信 (パネルへの効果)	MIDI送信(データ発生元)	
		Song	Main Layer Left Left-layer	Keyboard		Panel (主な出力方法)	Song
XGパラメータチェンジ	F0 43 1n 4C hh mm ll dd ... F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n = Device Number n=always 0 (when transmit), n=0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 0ddddd dd = Data ... 11110111 F7 = End of Exclusive		○		-		○ *Parameter Change Tableを参照のこと
XGバリュクタンプ	F0 43 0n 4C aa bb hh mm ll dd ... dd cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n = Device Number n=always 0 (when transmit), n=0-F (when receive) 01001100 4C = Model ID 0aaaaaaa aa = Byte Count MSB 0bbbbbbb bb = Byte Count LSB 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 0ddddd dd = Data : : 0ddddd dd = Data 0ccccc cc = Checksum 11110111 F7 = End of Exclusive		○		-		○ *Parameter Change Tableを参照のこと
XGパラメータリクエスト	F0 43 3n 4C hh mm ll F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0011nnnn 3n = Device Number n=always 0 (when transmit), n=0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 11110111 F7 = End of Exclusive		○		-		×
XGダンプリクエスト	F0 43 2n 4C hh mm ll F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0010nnnn 2n = Device Number n=always 0 (when transmit), n=0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 11110111 F7 = End of Exclusive		○		-		×

■ システムエクスクルーシブメッセージ (その他)

MIDI Event	データフォーマット	[MIDI (CLP)]			[本体シーケンサー]		
		MIDI受信(各PARTの発音への効果の有無)			MIDI受信 (パネルへの効果)	MIDI送信(データ発生元)	
		Song	Main Layer Left Left-layer	Keyboard		Panel (主な出力方法)	Song
MIDI Master Tuning	F0 43 1n 27 30 00 00 0m 0l cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n = always 0 (when transmit), n=0-F (when receive) 00100111 27 = Model ID of TG100 00110000 30 = Address High 00000000 00 = Address Mid 00000000 00 = Address Low 00000000 0m = Master Tune MSB 00001111 0l = Master Tune LSB 0ccccc cc = don't care 11110111 F7 = End of Exclusive		○		○ (Function)	×	×

■ システムエクスクルーシブメッセージ (パネル音色関連)

MIDI Event	データフォーマット	[MIDI (CLP)]			[本体シーケンサー]		
		MIDI受信(各PARTの発音への効果の有無)			MIDI受信 (パネルへの効果)	MIDI送信(データ発生元)	
		Song	Main Layer Left Left-layer	Keyboard		Panel (主な出力方法)	Song
String Resonance Depth	F0 43 73 01 50 11 0n 02 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00-0F) 00000101 02 = SubID (String Resonance Depth) 0ddddddd dd = Depth (00-48) 11110111 F7 = End of Exclusive	○	○	×	○ (Function)	○ (Function)	○
Sustain Sample Depth	F0 43 73 01 50 11 0n 03 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00-0F) 00000111 03 = SubID (Sustain Sample Depth) 0ddddddd dd = Depth (00-48) 11110111 F7 = End of Exclusive	○	○	×	○ (Function)	○ (Function)	○
Key Off Sampling Depth	F0 43 73 01 50 11 0n 04 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00-0F) 00000100 04 = SubID (Key Off Sampling Depth) 0ddddddd dd = Depth (00-50) 11110111 F7 = End of Exclusive	○	○	×	○ (Function)	○ (Function)	○
Soft Pedal Depth	F0 43 73 01 50 11 0n 05 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00-0F) 00000101 04 = SubID (Soft Pedal Depth) 0ddddddd dd = Depth (00-7F) 11110111 F7 = End of Exclusive	○	○	×	○ (Function)	○ (Function)	○

*各Depth値のリセット値は40H=音色パラメータとする

ファンクション		送信	受信	備考
ベーシック チャンネル	電源ON時 設定可能	1 ~ 16 チャンネル 1 ~ 16 チャンネル	1 ~ 16 チャンネル 1 ~ 16 チャンネル	
モード	電源ON時 メッセージ 代用	モード 3 × *****	モード 3 × ×	
ノートナンバー	音域	0 ~ 127 *****	0 ~ 127 0 ~ 127	
ベロシティ	ノートオン ノートオフ	○ 9nH, v=1 ~ 127 × 9nH, v=0	○ 9nH, v=1 ~ 127 × 9nH, v=0または8nH	
アフタータッチ	キー別 チャンネル別	× ×	○ ○	
ピッチベンド		○	○ 0 ~ 24 セミ	
コントロールチェンジ	0, 32 1, 5 7, 10, 11 6, 38 64, 66, 67 65 71, 74 72, 73 84, 94 91, 93 96 - 97 98 - 99 100 - 101	○ × ○ ○ ○ × ○ × × ○ ○ × × ○	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	バンクセレクト データエントリー ポルタメント サウンドコントローラー サウンドコントローラー RPNインクリメント、デクリメント NRPN LSB, MSB RPN LSB, MSB
プログラムチェンジ	設定可能範囲	○ 0 ~ 127 *****	○ 0 ~ 127	
システムエクスクルーシブ		○	○	
コモン	ソングポジション ソングセレクト チューン	× × ×	× × ×	
リアルタイム	クロック コマンド	○ ○	× ○	
Aux メッセージ	オールサウンドオフ リセットオールコントロール ローカルオン/オフ オールノートオフ アクティブセンシング リセット	× × × × ○ ×	○ (120, 126, 127) ○ (121) ○ (122) ○ (123 ~ 125) ○ ×	
備考				

モード1:オムニ・オン、ポリ
モード3:オムニ・オフ、ポリ

モード2:オムニ・オン、モノ
モード4:オムニ・オフ、モノ

○: あり
×: なし

