XG PARAMETER CHANGE TABLE

＜ 別表 3-1 ＞

XG PARAMETER CHANGE TABLE (SYSTEM)

Address (H)	Size (H)	Data (H)	Parameter	Option	Description	Default value(H)
00 00 00	4	0000 - 07FF	MASTER TUNE		-102.4 - +102.3[cent]	00 04 00 00
01					1st bit3-0→bit15-12	
02					2nd bit3-0→bit11-8	
03					3rd bit3-0→bit7-4	
					4th bit3-0→bit3-0	
04	1	00 - 7F	MASTER VOLUME		0 - 127	7F
05	1	00 - 7F	MASTER ATTENUATOR	[Opt.]	0 - 127	0
06	1	28 - 58	TRANSPOSE		-24 - +24[semitones]	40
7D		n	DRUM SETUP RESET		n=Drum setup number (0 - 3)	
7E			0 XG SYSTEM ON		00=XG sytem ON	
7F			0 ALL PARAMETER RESET		00=ON	

TOTAL SIZE 7

＜ 別表 3-2 ＞

XG PARAMETER CHANGE TABLE (System information)

Address (H)	Size (H)	Data (H)	Parameter	Option	Description	
01 00 00	E	20 - 7F	Model Name		32-127(ASCII)	
:						
0D		20 - 7F				
0E	1		0			0
0F	1		0			0

TOTAL SIZE 10

Dump Requestにより、送信される。受信は行わない。

＜ 別表 3-3 ＞

XG PARAMETER CHANGE TABLE (EFFECT 1)

Address (H)	Size (H)	Data (H)	Parameter	Option	Description	Default
02 01 00	2	00-7F	REVERB TYPE MSB		XG EFFECT MAP 参照	01(=HALL1)
		00-7F	REVERB TYPE LSB		00 : basic type	00
02	1	00-7F	REVERB PARAMETER 1		XG EFFECT PARAMETER LIST 参照	depends on reverb type
03	1	00-7F	REVERB PARAMETER 2		〃	〃
04	1	00-7F	REVERB PARAMETER 3		〃	〃
05	1	00-7F	REVERB PARAMETER 4		〃	〃
06	1	00-7F	REVERB PARAMETER 5		〃	〃
07	1	00-7F	REVERB PARAMETER 6		〃	〃
08	1	00-7F	REVERB PARAMETER 7		〃	〃
09	1	00-7F	REVERB PARAMETER 8		〃	〃
0A	1	00-7F	REVERB PARAMETER 9		〃	〃
0B	1	00-7F	REVERB PARAMETER 10		〃	〃
0C	1	00-7F	REVERB RETURN		-∞dB...0dB...+6dB(0...64...127)	40
0D	1	01-7F	REVERB PAN		L63...C...R63(1...64...127)	40
TOTAL SIZE 0E						
02 01 10	1	00-7F	REVERB PARAMETER 11	[Opt.]	XG EFFECT PARAMETER LIST 参照	depends on reverb type
11	1	00-7F	REVERB PARAMETER 12	[Opt.]	〃	〃
12	1	00-7F	REVERB PARAMETER 13	[Opt.]	〃	〃
13	1	00-7F	REVERB PARAMETER 14	[Opt.]	〃	〃
14	1	00-7F	REVERB PARAMETER 15	[Opt.]	〃	〃
15	1	00-7F	REVERB PARAMETER 16	[Opt.]	〃	〃
TOTAL SIZE 6						
02 01 20	2	00-7F	CHORUS TYPE MSB		XG EFFECT MAP 参照	41(=CHORUS1)
		00-7F	CHORUS TYPE LSB		00 : basic type	00
22	1	00-7F	CHORUS PARAMETER 1		XG EFFECT PARAMETER LIST 参照	depends on chorus Type
23	1	00-7F	CHORUS PARAMETER 2		〃	〃
24	1	00-7F	CHORUS PARAMETER 3		〃	〃
25	1	00-7F	CHORUS PARAMETER 4		〃	〃
26	1	00-7F	CHORUS PARAMETER 5		〃	〃
27	1	00-7F	CHORUS PARAMETER 6		〃	〃
28	1	00-7F	CHORUS PARAMETER 7		〃	〃
29	1	00-7F	CHORUS PARAMETER 8		〃	〃
2A	1	00-7F	CHORUS PARAMETER 9		〃	〃
2B	1	00-7F	CHORUS PARAMETER 10		〃	〃
2C	1	00-7F	CHORUS RETURN		-∞dB...0dB...+6dB(0...64...127)	40
2D	1	01-7F	CHORUS PAN		L63...C...R63(1...64...127)	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	[Opt.]	XG EFFECT PARAMETER LIST 参照	depends on chorus Type
31	1	00-7F	CHORUS PARAMETER 12	[Opt.]	〃	〃
32	1	00-7F	CHORUS PARAMETER 13	[Opt.]	〃	〃
33	1	00-7F	CHORUS PARAMETER 14	[Opt.]	〃	〃
34	1	00-7F	CHORUS PARAMETER 15	[Opt.]	〃	〃
35	1	00-7F	CHORUS PARAMETER 16	[Opt.]	〃	〃
TOTAL SIZE 6						
02 01 40	2	00-7F	VARIATION TYPE MSB		XG EFFECT MAP 参照	05(=DELAY L,C,R)
		00-7F	VARIATION TYPE LSB		00 : basic type	00
42	2	00-7F	VARIATION PARAMETER 1 MSB		XG EFFECT PARAMETER LIST 参照	depends on variation type
		00-7F	VARIATION PARAMETER 1 LSB		〃	〃
44	2	00-7F	VARIATION PARAMETER 2 MSB		〃	〃
		00-7F	VARIATION PARAMETER 2 LSB		〃	〃
46	2	00-7F	VARIATION PARAMETER 3 MSB		〃	〃
		00-7F	VARIATION PARAMETER 3 LSB		〃	〃
48	2	00-7F	VARIATION PARAMETER 4 MSB		〃	〃
		00-7F	VARIATION PARAMETER 4 LSB		〃	〃
4A	2	00-7F	VARIATION PARAMETER 5 MSB		〃	〃
		00-7F	VARIATION PARAMETER 5 LSB		〃	〃
4C	2	00-7F	VARIATION PARAMETER 6 MSB		〃	〃
		00-7F	VARIATION PARAMETER 6 LSB		〃	〃
4E	2	00-7F	VARIATION PARAMETER 7 MSB		〃	〃
		00-7F	VARIATION PARAMETER 7 LSB		〃	〃
50	2	00-7F	VARIATION PARAMETER 8 MSB		〃	〃
		00-7F	VARIATION PARAMETER 8 LSB		〃	〃
52	2	00-7F	VARIATION PARAMETER 9 MSB		〃	〃
		00-7F	VARIATION PARAMETER 9 LSB		〃	〃
54	2	00-7F	VARIATION PARAMETER 10 MSB		〃	〃
		00-7F	VARIATION PARAMETER 10 LSB		〃	〃
56	1	00-7F	VARIATION RETURN		-∞dB...0dB...+6dB(0...64...127)	40
57	1	01-7F	VARIATION PAN		L63...C...R63(1...64...127)	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		0:INSERTION,1:SYSTEM	00
5B	1	00-7F	VARIATION PART		Part1...64(0...63)	7F
					AD1...AD63(64...126)	
					OFF(127)	

	5C	1	00-7F	MW VARIATION CONTROL DEPTH	[Opt.]	-64 - +63	40
	5D	1	00-7F	BEND VARIATION CONTROL DEPTH	[Opt.]	-64 - +63	40
	5E	1	00-7F	CAT VARIATION CONTROL DEPTH	[Opt.]	-64 - +63	40
	5F	1	00-7F	AC1 VARIATION CONTROL DEPTH	[Opt.]	-64 - +63	40
	60	1	00-7F	AC2 VARIATION CONTROL DEPTH	[Opt.]	-64 - +63	40
TOTAL SIZE		21					
02 01	61	1	00-7F	CBC1 VARIATION CONTROL DEPTH	[Opt.]	-64 - +63	40
TOTAL SIZE		1					
02 01	62	1	00-7F	CBC2 VARIATION CONTROL DEPTH	[Opt.]	-64 - +63	40
TOTAL SIZE		1					
02 01	70	1	00-7F	VARIATION PARAMETER 11	[Opt.]	XG EFFECT PARAMETER LIST 参照	depends on variation type
	71	1	00-7F	VARIATION PARAMETER 12	[Opt.]	〃	〃
	72	1	00-7F	VARIATION PARAMETER 13	[Opt.]	〃	〃
	73	1	00-7F	VARIATION PARAMETER 14	[Opt.]	〃	〃
	74	1	00-7F	VARIATION PARAMETER 15	[Opt.]	〃	〃
	75	1	00-7F	VARIATION PARAMETER 16	[Opt.]	〃	〃
TOTAL SIZE		6					

複数のVariation Effectを持つ場合はアドレスの２バイト目がバリエーションエフェクトの番号を示す。

＜ 別表 3-4 ＞

XG PARAMETER CHANGE TABLE (MULTI EQ)					[Opt.]		
Address (H)		Size (H)	Data (H)	Parameter	Option	Description	Default value(H)
02 40	00	1	00 - 04	EQ type	[Opt.]	0:FLAT 1:JAZZ 2:POPS 3:ROCK 4:CONCERT	0
	01	1	34 -4C	EQ gain1	[Opt.]	-12 - +12[dB]	40
	02	1	04-28	EQ frequency1	[Opt.]	32-2000[Hz]	0C
	03	1	01-78	EQ Q1	[Opt.]	0.1-12.0	7
	04	1	00-01	EQ shape1	[Opt.]	00:shelving, 01:peaking	0
	05	1	34 -4C	EQ gain2	[Opt.]	-12 - +12[dB]	40
	06	1	0E-36	EQ frequency2	[Opt.]	100-10.0[kHz]	1C
	07	1	01-78	EQ Q2	[Opt.]	0.1-12.0	7
	08	1		not used	[Opt.]		
	09	1	34 -4C	EQ gain3	[Opt.]	-12 - +12[dB]	40
	0A	1	0E-36	EQ frequency3	[Opt.]	100-10.0[kHz]	22
	0B	1	01-78	EQ Q3	[Opt.]	0.1-12.0	7
	0C	1		not used	[Opt.]		
	0D	1	34 -4C	EQ gain4	[Opt.]	-12 - +12[dB]	40
	0E	1	0E-36	EQ frequency4	[Opt.]	100-10.0[kHz]	2E
	0F	1	01-78	EQ Q4	[Opt.]	0.1-12.0	7
	10	1		not used	[Opt.]		
	11	1	34 -4C	EQ gain5	[Opt.]	-12 - +12[dB]	40
	12	1	1C-3A	EQ frequency5	[Opt.]	0.5-16.0[kHz]	34
	13	1	01-78	EQ Q5	[Opt.]	0.1-12.0	7
	14	1	00-01	EQ shape5	[Opt.]	00:shelving, 01:peaking	0
TOTAL SIZE		15					

＜ 別表 3-5 ＞

XG PARAMETER CHANGE TABLE (EFFECT 2)					[Opt.]		
Address (H)		Size (H)	Data (H)	Parameter	Option	Description	Default
03 n	00	2	00 - 7F	INSERTION EFFECT TYPE MSB	[Opt.]	XG EFFECT MAP 参照	49(=DISTORTION)
			00 - 7F	INSERTION EFFECT TYPE LSB	[Opt.]	00 : basic type	00
	02	1	00 - 7F	INSERTION EFFECT PARAMETER1	[Opt.]	XG EFFECT PARAMETER LIST 参照	depends on insertion 1 type
	03	1	00 - 7F	INSERTION EFFECT PARAMETER2	[Opt.]	〃	〃
	04	1	00 - 7F	INSERTION EFFECT PARAMETER3	[Opt.]	〃	〃
	05	1	00 - 7F	INSERTION EFFECT PARAMETER4	[Opt.]	〃	〃
	06	1	00 - 7F	INSERTION EFFECT PARAMETER5	[Opt.]	〃	〃
	07	1	00 - 7F	INSERTION EFFECT PARAMETER6	[Opt.]	〃	〃
	08	1	00 - 7F	INSERTION EFFECT PARAMETER7	[Opt.]	〃	〃
	09	1	00 - 7F	INSERTION EFFECT PARAMETER8	[Opt.]	〃	〃
	0A	1	00 - 7F	INSERTION EFFECT PARAMETER9	[Opt.]	〃	〃
	0B	1	00 - 7F	INSERTION EFFECT PARAMETER10	[Opt.]	〃	〃
	0C	1	00 - 7F	INSERTION EFFECT PART	[Opt.]	Part1...64(0...63) AD1...AD63(64...126) OFF(127)	7F
	0D	1	00 - 7F	MW INSERTION CONTROL DEPTH	[Opt.]	-64 - 63	40
	0E	1	00 - 7F	BEND INSERTION CONTROL DEPTH	[Opt.]	-64 - 63	40
	0F	1	00 - 7F	CAT INSERTION CONTROL DEPTH	[Opt.]	-64 - 63	40
	10	1	00 - 7F	AC1 INSERTION CONTROL DEPTH	[Opt.]	-64 - 63	40
	11	1	00 - 7F	AC2 INSERTION CONTROL DEPTH	[Opt.]	-64 - 63	40
TOTAL SIZE		12					
03 n	12	1	00 - 7F	CBC1 INSERTION CONTROL DEPTH	[Opt.]	-64 - 63	40
TOTAL SIZE		1					
03 n	13	1	00 - 7F	CBC2 INSERTION CONTROL DEPTH	[Opt.]	-64 - 63	40
TOTAL SIZE		1					
03 n	20	1	00 - 7F	INSERTION EFFECT PARAMETER11	[Opt.]	XG EFFECT PARAMETER LIST 参照	depends on insertion 1 type
	21	1	00 - 7F	INSERTION EFFECT PARAMETER12	[Opt.]	〃	〃
	22	1	00 - 7F	INSERTION EFFECT PARAMETER13	[Opt.]	〃	〃
	23	1	00 - 7F	INSERTION EFFECT PARAMETER14	[Opt.]	〃	〃
	24	1	00 - 7F	INSERTION EFFECT PARAMETER15	[Opt.]	〃	〃
	25	1	00 - 7F	INSERTION EFFECT PARAMETER16	[Opt.]	〃	〃
TOTAL SIZE		6					
03 n	30	2	00 - 7F	INSERTION EFFECT PARAMETER1 MSB	[Opt.]	XG EFFECT PARAMETER LIST 参照	depends on insertion 1 type
			00 - 7F	INSERTION EFFECT PARAMETER1 LSB	[Opt.]	〃	〃
	32	2	00 - 7F	INSERTION EFFECT PARAMETER2 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER2 LSB	[Opt.]	〃	〃
	34	2	00 - 7F	INSERTION EFFECT PARAMETER3 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER3 LSB	[Opt.]	〃	〃
	36	2	00 - 7F	INSERTION EFFECT PARAMETER4 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER4 LSB	[Opt.]	〃	〃
	38	2	00 - 7F	INSERTION EFFECT PARAMETER5 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER5 LSB	[Opt.]	〃	〃
	3A	2	00 - 7F	INSERTION EFFECT PARAMETER6 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER6 LSB	[Opt.]	〃	〃
	3C	2	00 - 7F	INSERTION EFFECT PARAMETER7 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER7 LSB	[Opt.]	〃	〃
	3E	2	00 - 7F	INSERTION EFFECT PARAMETER8 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER8 LSB	[Opt.]	〃	〃
	40	2	00 - 7F	INSERTION EFFECT PARAMETER9 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER9 LSB	[Opt.]	〃	〃
	42	2	00 - 7F	INSERTION EFFECT PARAMETER10 MSB	[Opt.]	〃	〃
			00 - 7F	INSERTION EFFECT PARAMETER10 LSB	[Opt.]	〃	〃
TOTAL SIZE		14					

addressの2byte目をインサーションエフェクト番号とする。
n : insertion effect number

注意： MSBが不要なEFFECT TYPE使用時は、アドレス02～0BのPARAMETERを受信し、アドレス30～42のPARAMETERは無視する。
MSBが必要なEFFECT TYPE使用時は、アドレス30～42のPARAMETERを受信し、アドレス02～0BのPARAMETERは無視する。
EFFECT TYPEの情報を含むバルクの送信は、アドレス02～0BのPARAMETER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PARAMETERは無視する。
現状MSBが必要なEFFECT TYPEは以下の4種類。
Delay L,C,R、 Delay L,R、 Echo、 Cross Delay
*Data RangeはEffect Typeの値により異なる

＜ 別表 3-6 ＞

XG PARAMETER CHANGE TABLE (DISPLAY DATA)

Address	Size (H)	Data (H)	Parameter (H)	Option	Description	Default
06 00 00	20	20 - 7F	DISPLAY LETTER	[Opt.]	32-127(ASCII)	
:						
1F						
TOTAL SIZE	20					
07 vh 00	30	00 - 7F	DISPLAY BITMAP Data0	[Opt.]	0 - 127	
:			:			
2F			Data47			
TOTAL SIZE	30					

v : 縦方向の拡張(0~7)　　１画面の構成は16x16dotなので
h : 横方向の拡張(0~F)　　横256dot、縦128dotまで表示可能

データと表示画面の関係は以下の通り
画素が横方向に7個集まって１バイトのデータとなる。
画素を表示するときは該当ビットを1にし、消すときには0にする。
この Data の画面上の並びは

b6 b5 b4 b3 b2 b1 b		b6 b5 b4 b3 b2 b1 b0		b6 b5 b4 b3 b2 b1 b0(bはbitの略)
Data0	* * * * * * *	Data16	* * * * * * *	Data32	* * - - - - -
Data1		Data17		Data33	
Data2		Data18		Data34	
Data3		Data19		Data35	
Data4		Data20		Data36	
Data5		Data21		Data37	
Data6		Data22		Data38	
Data7		Data23		Data39	
Data8		Data24		Data40	
Data9		Data25		Data41	
Data10		Data26		Data42	
Data11		Data27		Data43	
Data12		Data28		Data44	
Data13		Data29		Data45	
Data14		Data30		Data46	
Data15		Data31		Data47	

Data32～Data47は、bit6,bit5のみを使用

ビットマップデータは任意の画素のみの受信も可能。このとき他の画素は直前の状態を表示する。
DISPLAY DATAのparameter change は任意の場所から連続してデータを送ることが出来る。

＜ 別表 3-7-1 ＞

XG PARAMETER CHANGE TABLE (MULTI PART)

Address (H)	Size (H)	Data (H)	Parameter	Option	Description	Default value(H)
08 nn 00	1	00 - 20	ELEMENT RESERVE		0 - 32	part10=0, other =2
nn 01	1	00 - 7F	BANK SELECT MSB		0 - 127	part10=7F, other=0
nn 02	1	00 - 7F	BANK SELECT LSB		0 - 127	0
nn 03	1	00 - 7F	PROGRAM NUMBER		1 - 128	0
nn 04	1	00 - 0F, 7F	Rcv CHANNEL		1 - 16,OFF	Part No.
nn 05	1	00 - 01	MONO/POLY MODE		0:MONO 1:POLY	1
nn 06	1	00 - 02	SAME NOTE NUMBER KEY ON ASSIGN		0:SINGLE 1:MULTI 2:INST (for DRUM)	1
nn 07	1	00 - 05	PART MODE		0:NORMAL 1:DRUM 2 - 5:DRUMS1 - 4	00 (Part10以外) 02 (Part10) 04,05 = [L3-80]
nn 08	1	28 - 58	NOTE SHIFT		-24 - +24[semitones]	40
nn 09	2	00 - FF	DETUNE		-12.8 - +12.7[Hz] (key A3の場合) 1st bit3-0→bit7-4 2nd bit3-0→bit3-0	08 00 (80)
nn 0A						
nn 0B	1	00 - 7F	VOLUME		0 - 127	64
nn 0C	1	00 - 7F	VELOCITY SENSE DEPTH		0 - 127	40
nn 0D	1	00 - 7F	VELOCITY SENSE OFFSET		0 - 127	40
nn 0E	1	00 - 7F	PAN		0:random L63...C...R63(1...64...127)	40
nn 0F	1	00 - 7F	NOTE LIMIT LOW		C-2 - G8	0
nn 10	1	00 - 7F	NOTE LIMIT HIGH		C-2 - G8	7F
nn 11	1	00 - 7F	DRY LEVEL		0 - 127	7F
nn 12	1	00 - 7F	CHORUS SEND		0 - 127	0
nn 13	1	00 - 7F	REVERB SEND		0 - 127	28
nn 14	1	00 - 7F	VARIATION SEND		0 - 127	0
nn 15	1	00 - 7F	VIBRATO RATE		-64 - +63	40
nn 16	1	00 - 7F	VIBRATO DEPTH		-64 - +63	40
nn 17	1	00 - 7F	VIBRATO DELAY		-64 - +63	40
nn 18	1	00 - 7F	FILTER CUTOFF FREQUENCY		-64 - +63	40
nn 19	1	00 - 7F	FILTER RESONANCE		-64 - +63	40
nn 1A	1	00 - 7F	EG ATTACK TIME		-64 - +63	40
nn 1B	1	00 - 7F	EG DECAY TIME		-64 - +63	40
nn 1C	1	00 - 7F	EG RELEASE TIME		-64 - +63	40
nn 1D	1	28 - 58	MW PITCH CONTROL		-24 - +24[semitones]	40
nn 1E	1	00 - 7F	MW FILTER CONTROL		-9600 - +9450[cent]	40
nn 1F	1	00 - 7F	MW AMPLITUDE CONTROL		-100 - +100[%]	40
nn 20	1	00 - 7F	MW LFO PMOD DEPTH		0 - 127	0A
nn 21	1	00 - 7F	MW LFO FMOD DEPTH		0 - 127	0
nn 22	1	00 - 7F	MW LFO AMOD DEPTH	[Opt.]	0 - 127	0
nn 23	1	28 - 58	BEND PITCH CONTROL		-24 - +24[semitones]	42
nn 24	1	00 - 7F	BEND FILTER CONTROL		-9600 - +9450[cent]	40
nn 25	1	00 - 7F	BEND AMPLITUDE CONTROL		-100 - +100[%]	40
nn 26	1	00 - 7F	BEND LFO PMOD DEPTH		0 - 127	0
nn 27	1	00 - 7F	BEND LFO FMOD DEPTH		0 - 127	0
nn 28	1	00 - 7F	BEND LFO AMOD DEPTH	[Opt.]	0 - 127	0
TOTAL SIZE	29					

	nn	30	1	00 - 01	Rcv PITCH BEND	[Opt.]	OFF/ON	1
	nn	31	1	00 - 01	Rcv CH AFTER TOUCH(CAT)	[Opt.]	OFF/ON	1
	nn	32	1	00 - 01	Rcv PROGRAM CHANGE	[Opt.]	OFF/ON	1
	nn	33	1	00 - 01	Rcv CONTROL CHANGE	[Opt.]	OFF/ON	1
	nn	34	1	00 - 01	Rcv POLY AFTER TOUCH(PAT)	[Opt.]	OFF/ON	1
	nn	35	1	00 - 01	Rcv NOTE MESSAGE	[Opt.]	OFF/ON	1
	nn	36	1	00 - 01	Rcv RPN	[Opt.]	OFF/ON	1
	nn	37	1	00 - 01	Rcv NRPN	[Opt.]	OFF/ON	1
	nn	38	1	00 - 01	Rcv MODULATION	[Opt.]	OFF/ON	1
	nn	39	1	00 - 01	Rcv VOLUME	[Opt.]	OFF/ON	1
	nn	3A	1	00 - 01	Rcv PAN	[Opt.]	OFF/ON	1
	nn	3B	1	00 - 01	Rcv EXPRESSION	[Opt.]	OFF/ON	1
	nn	3C	1	00 - 01	Rcv HOLD1	[Opt.]	OFF/ON	1
	nn	3D	1	00 - 01	Rcv PORTAMENTO	[Opt.]	OFF/ON	1
	nn	3E	1	00 - 01	Rcv SOSTENUTO	[Opt.]	OFF/ON	1
	nn	3F	1	00 - 01	Rcv SOFT PEDAL	[Opt.]	OFF/ON	1
	nn	40	1	00 - 01	Rcv BANK SELECT	[Opt.]	OFF/ON	1
	nn	41	1	00 - 7F	SCALE TUNING C	[Opt.]	-64 - +63[cent]	40
	nn	42	1	00 - 7F	SCALE TUNING C#	[Opt.]	-64 - +63[cent]	40
	nn	43	1	00 - 7F	SCALE TUNING D	[Opt.]	-64 - +63[cent]	40
	nn	44	1	00 - 7F	SCALE TUNING D#	[Opt.]	-64 - +63[cent]	40
	nn	45	1	00 - 7F	SCALE TUNING E	[Opt.]	-64 - +63[cent]	40
	nn	46	1	00 - 7F	SCALE TUNING F	[Opt.]	-64 - +63[cent]	40
	nn	47	1	00 - 7F	SCALE TUNING F#	[Opt.]	-64 - +63[cent]	40
	nn	48	1	00 - 7F	SCALE TUNING G	[Opt.]	-64 - +63[cent]	40
	nn	49	1	00 - 7F	SCALE TUNING G#	[Opt.]	-64 - +63[cent]	40
	nn	4A	1	00 - 7F	SCALE TUNING A	[Opt.]	-64 - +63[cent]	40
	nn	4B	1	00 - 7F	SCALE TUNING A#	[Opt.]	-64 - +63[cent]	40
	nn	4C	1	00 - 7F	SCALE TUNING B	[Opt.]	-64 - +63[cent]	40
	nn	4D	1	28 - 58	CAT PITCH CONTROL	[Opt.]	-24 - +24[semitones]	40
	nn	4E	1	00 - 7F	CAT FILTER CONTROL	[Opt.]	-9600 - +9450[cent]	40
	nn	4F	1	00 - 7F	CAT AMPLITUDE CONTROL	[Opt.]	-100 - +100[%]	40
	nn	50	1	00 - 7F	CAT LFO PMOD DEPTH	[Opt.]	0 - 127	0
	nn	51	1	00 - 7F	CAT LFO FMOD DEPTH	[Opt.]	0 - 127	0
	nn	52	1	00 - 7F	CAT LFO AMOD DEPTH	[Opt.]	0 - 127	0
	nn	53	1	28 - 58	PAT PITCH CONTROL	[Opt.]	-24 - +24[semitones]	40
	nn	54	1	00 - 7F	PAT FILTER CONTROL	[Opt.]	-9600 - +9450[cent]	40
	nn	55	1	00 - 7F	PAT AMPLITUDE CONTROL	[Opt.]	-100 - +100[%]	40
	nn	56	1	00 - 7F	PAT LFO PMOD DEPTH	[Opt.]	0 - 127	0
	nn	57	1	00 - 7F	PAT LFO FMOD DEPTH	[Opt.]	0 - 127	0
	nn	58	1	00 - 7F	PAT LFO AMOD DEPTH	[Opt.]	0 - 127	0
	nn	59	1	00 - 5F	AC1 CONTROLLER NUMBER	[Opt.]	0 - 95	10
	nn	5A	1	28 - 58	AC1 PITCH CONTROL	[Opt.]	-24 - +24[semitones]	40
	nn	5B	1	00 - 7F	AC1 FILTER CONTROL	[Opt.]	-9600 - +9450[cent]	40
	nn	5C	1	00 - 7F	AC1 AMPLITUDE CONTROL	[Opt.]	-100 - +100[%]	40
	nn	5D	1	00 - 7F	AC1 LFO PMOD DEPTH	[Opt.]	0 - 127	0
	nn	5E	1	00 - 7F	AC1 LFO FMOD DEPTH	[Opt.]	0 - 127	0
	nn	5F	1	00 - 7F	AC1 LFO AMOD DEPTH	[Opt.]	0 - 127	0
	nn	60	1	00 - 5F	AC2 CONTROLLER NUMBER	[Opt.]	0 - 95	11
	nn	61	1	28 - 58	AC2 PITCH CONTROL	[Opt.]	-24 - +24[semitones]	40
	nn	62	1	00 - 7F	AC2 FILTER CONTROL	[Opt.]	-9600 - +9450[cent]	40
	nn	63	1	00 - 7F	AC2 AMPLITUDE CONTROL	[Opt.]	-100 - +100[%]	40
	nn	64	1	00 - 7F	AC2 LFO PMOD DEPTH	[Opt.]	0 - 127	0
	nn	65	1	00 - 7F	AC2 LFO FMOD DEPTH	[Opt.]	0 - 127	0
	nn	66	1	00 - 7F	AC2 LFO AMOD DEPTH	[Opt.]	0 - 127	0
	nn	67	1	00 - 01	PORTAMENTO SWITCH	[Opt.]	OFF/ON	0
	nn	68	1	00 - 7F	PORTAMENTO TIME	[Opt.]	0 - 127	0
	nn	69	1	00 - 7F	PITCH EG INITIAL LEVEL	[Opt.]	-64 - +63	40
	nn	6A	1	00 - 7F	PITCH EG ATTACK TIME	[Opt.]	-64 - +63	40
	nn	6B	1	00 - 7F	PITCH EG RELEASE LEVEL	[Opt.]	-64 - +63	40
	nn	6C	1	00 - 7F	PITCH EG RELEASE TIME	[Opt.]	-64 - +63	40
	nn	6D	1	01 - 7F	VELOCITY LIMIT LOW	[Opt.]	1 - 127	0
	nn	6E	1	01 - 7F	VELOCITY LIMIT HIGH	[Opt.]	1 - 127	7F
TOTAL	SIZE	3F						

＜ 別表 3-7-2 ＞

Address (H)		Size (H)	Data (H)	Parameter		Description		Default value(H)
08	nn	70	1	28 - 58	BEND PITCH LOW CONTROL	[Opt.]	-24 - +24(semitones)	3E
	nn	71	1	00 - 7F	FILTER EG DEPTH	[Opt.]	-64 - +63	40
	nn	72	1	00 - 7F	EQ BASS	[Opt.]	-64 - +63(-12 - +12[dB])	40
	nn	73	1	00 - 7F	EQ TREBLE	[Opt.]	-64 - +63(-12 - +12[dB])	40
TOTAL	SIZE	04						

EQ BASS/EQ TREBLEについてVL70-mの仕様は複数のバンドを制御、最大の物が-12 - +12[dB]

＜ 別表 3-7-3 ＞

XG ADDITIONAL PARAMETER CHANGE TABLE (MULTI PART)

Address (H)		Size (H)	Data (H)	Parameter		[Opt.] Option	Description	Default value(H)
08	nn	74	1	00 - 7F	EQ MID-BASS	(NOT USED) [Opt.]	-64 - +63(-12 - +12[dB])	40
		75	1	00 - 7F	EQ MID-TREBLE	(NOT USED) [Opt.]	-64 - +63(-12 - +12[dB])	40
		76	1	04 - 28	EQ BASS frequency	[Opt.]	32-2.0k[Hz]	0C
		77	1	1C - 3A	EQ TREBLE frequency	[Opt.]	500-16.0k[Hz]	36
		78	1	0E - 36	EQ MID-BASS frequency	(NOT USED) [Opt.]	100-10.0k[Hz]	22
		79	1	0E - 36	EQ MID-TREBLE frequency	(NOT USED) [Opt.]	100-10.0k[Hz]	2E
		7A	1	01 - 78	EQ BASS Q	(NOT USED) [Opt.]	0.1-12.0	7
		7B	1	01 - 78	EQ TREBLE Q	(NOT USED) [Opt.]	0.1-12.0	7
		7C	1	01 - 78	EQ MID-BASS Q	(NOT USED) [Opt.]	0.1-12.0	7
		7D	1	01 - 78	EQ MID-TREBLE Q	(NOT USED) [Opt.]	0.1-12.0	7
		7E	1	00 - 01	EQ BASS shape	(NOT USED) [Opt.]	00:shelving, 01:peaking	0
		7F	1	00 - 01	EQ TREBLE shape	(NOT USED) [Opt.]	00:shelving, 01:peaking	0
TOTAL	SIZE	0C						
A	nn	10	1	00 - 67	OUTPUT SELECT	[Opt.]	0-7 : Stereo1-8, 8-39 : Ind1+2, ...Ind63+64, 40-103 : Ind1-Ind64	0
TOTAL SIZE			1					

注意： OUTPUT SELECT について、受信した値が対応可能な数字でない場合は、Stereo out1と読み替える。

A	nn	20	1	00 - 7F	HIGH PASS FILTER CUTOFF FREQUENCY	[Opt.]	-64 - +63	40
		21	1	00 - 7F	HIGH PASS FILTER RESONANCE	(NOT USED) [Opt.]	-64 - +63	40
TOTAL SIZE			2					
A	nn	22	1	00 - 7F	MW HPF CONTROL DEPTH	(NOT USED) [Opt.]	-64 - +63	40

	23	1	00 - 7F	BEND HPF CONTROL DEPTH	(NOT USED)	[Opt.]	-64 - +63	40
	24	1	00 - 7F	CAT HPF CONTROL DEPTH	(NOT USED)	[Opt.]	-64 - +63	40
	25	1	00 - 7F	PAT HPF CONTROL DEPTH	(NOT USED)	[Opt.]	-64 - +63	40
	26	1	00 - 7F	AC1 HPF CONTROL DEPTH	(NOT USED)	[Opt.]	-64 - +63	40
	27	1	00 - 7F	AC2 HPF CONTROL DEPTH	(NOT USED)	[Opt.]	-64 - +63	40
TOTAL SIZE	6							

アドレス A nn 28～3F については、今後追加されるフィルター用にリザーブする。

[Center Based Assignable Controller]							
A nn	30	1	00..5F	CBC1 Control Number		[Opt.]	0 - 95	12
	31	1	24..58	CBC1 Pitch Control		[Opt.]	-24 - +24[semitones]	40
	32	1	00..7F	CBC1 LPF Control		[Opt.]	-64(-9600) - +63(9450)[cent]	40
	33	1	00..7F	CBC1 Amplitude Control		[Opt.]	-100 - +100[%]	40
	34	1	00..7F	CBC1 LFO PMod Control Depth		[Opt.]	0 - 127	00
	35	1	00..7F	CBC1 LFO FMod Control Depth		[Opt.]	0 - 127	00
	36	1	00..7F	CBC1 LFO AMod Control Depth		[Opt.]	0 - 127	00
	TOTAL SIZE =		07					
A nn	38	1	00..5F	CBC2 Control Number		[Opt.]	0 - 95	13
	39	1	24..58	CBC2 Pitch Control		[Opt.]	-24 - +24[semitones]	40
	3A	1	00..7F	CBC2 LPF Control		[Opt.]	-64(-9600) - +63(9450)[cent]	40
	3B	1	00..7F	CBC2 Amplitude Control		[Opt.]	-100 - +100[%]	40
	3C	1	00..7F	CBC2 LFO PMod Control Depth		[Opt.]	0 - 127	00
	3D	1	00..7F	CBC2 LFO FMod Control Depth		[Opt.]	0 - 127	00
	3E	1	00..7F	CBC2 LFO AMod Control Depth		[Opt.]	0 - 127	00
	TOTAL SIZE =		07					

nn = PartNumber
DRUM PART の場合、以下のパラメータは効果がかからない。

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

＜ 別表 3-7-4 ＞

XG PARAMETER CHANGE TABLE (MULTI PART for VL)					[Opt.]		
Address (H)	Size (H)	Data (H)	Parameter		Option	Description	Default value(H)
09 nn	00	1	00 - 01	NOTE ASSIGN	[Opt.]	OFF/ON	1
	01	1		reseved			
	02	1	00 - 0F,7F	NOTE FILTER	[Opt.]	ch1 - ch16,THRU	7F
	03	1	00 - 62	PRESSURE CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	04	1	00 - 7F	PRESSURE CONTROL DEPTH	[Opt.]	-64 - +63	40
	05	1	00 - 62	EMBOUCHURE CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	06	1	00 - 7F	EMBOUCHURE CONTROL DEPTH	[Opt.]	-64 - +63	40
	07	1	00 - 62	TONGUING CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	08	1	00 - 7F	TONGUING CONTROL DEPTH	[Opt.]	-64 - +63	40
	09	1	00 - 62	SCREAM CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	A	1	00 - 7F	SCREAM CONTROL DEPTH	[Opt.]	-64 - +63	40
	B	1	00 - 62	BREATH CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	C	1	00 - 7F	BREATH CONTROL DEPTH	[Opt.]	-64 - +63	40
	D	1	00 - 62	GROWL CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	E	1	00 - 7F	GROWL CONTROL DEPTH	[Opt.]	-64 - +63	40
	F	1	00 - 62	THROAT FORMANT CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	10	1	00 - 7F	THROAT FORMANT CONTROL DEPTH	[Opt.]	-64 - +63	40
	11	1	00 - 62	HARMONIC ENHANCER CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	12	1	00 - 7F	HARMONIC ENHANCER CONTROL DEPTH	[Opt.]	-64 - +63	40
	13	1	00 - 62	DAMPING CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	14	1	00 - 7F	DAMPING CONTROL DEPTH	[Opt.]	-64 - +63	40
	15	1	00 - 62	ABSORPTION CONTROL NO.	[Opt.]	off - 95, AT, VELOCTIY, PB	0
	16	1	00 - 7F	ABSORPTION CONTROL DEPTH	[Opt.]	-64 - +63	40
TOTAL SIZE	17						

＜ 別表 3-8-1 ＞

XG PARAMETER CHANGE TABLE (AD PART)					[Opt.]		
Address (H)	Size (H)	Data (H)	Parameter		Option	Description	Default value(H)
10 nn	00	1	00 - 01	INPUT GAIN	[Opt.]	0:MIC,1:LINE	0
	01	1	00 - 7F	BANK SELECT MSB	[Opt.]	0 - 127	0
	02	1	00 - 7F	BANK SELECT LSB	[Opt.]	0 - 127	0
	03	1	00 - 7F	PROGRAM NUMBER	[Opt.]	1 - 128	0
	04	1	00 - 1F, 7F	Rcv CHANNEL	[Opt.]	A1 - A16,B1 - B16,OFF	7F
	05	1		NOT USED	[Opt.]		
	06	1		NOT USED	[Opt.]		
	07	1		NOT USED	[Opt.]		
	08	1		NOT USED	[Opt.]		
	09	1		NOT USED	[Opt.]		
	0A	1		NOT USED	[Opt.]		
	0B	1	00 - 7F	VOLUME	[Opt.]	0 - 127	0
	0C	1		NOT USED	[Opt.]		
	0D	1		NOT USED	[Opt.]		
	0E	1	01 - 7F	PAN	[Opt.]	L63...C...R63(1...64...127)	40
	0F	1		NOT USED	[Opt.]		
	10	1		NOT USED	[Opt.]		
	11	1	00 - 7F	DRY LEVEL	[Opt.]	0 - 127	7F
	12	1	00 - 7F	CHORUS SEND	[Opt.]	0 - 127	0
	13	1	00 - 7F	REVERB SEND	[Opt.]	0 - 127	0
	14	1	00 - 7F	VARIATION SEND	[Opt.]	0 - 127	0
TOTAL SIZE	15						
10 nn	30	1		NOT USED	[Opt.]		
	31	1		NOT USED	[Opt.]		
	32	1	00 - 01	Rcv PROGRAM CHANGE	[Opt.]	OFF/ON	1
	33	1	00 - 01	Rcv CONTROL CHANGE	[Opt.]	OFF/ON	1
	34	1		NOT USED	[Opt.]		
	35	1		NOT USED	[Opt.]		
	36	1		NOT USED	[Opt.]		
	37	1		NOT USED	[Opt.]		
	38	1		NOT USED	[Opt.]		
	39	1	00 - 01	Rcv VOLUME	[Opt.]	OFF/ON	1
	3A	1	00 - 01	Rcv PAN	[Opt.]	OFF/ON	1
	3B	1	00 - 01	Rcv EXPRESSION	[Opt.]	OFF/ON	1
	3C	1		NOT USED	[Opt.]		
	3D	1		NOT USED	[Opt.]		
	3E	1		NOT USED	[Opt.]		
	3F	1		NOT USED	[Opt.]		
	40	1	00 - 01	Rcv BANK SELECT	[Opt.]	OFF/ON	1
	41	1		NOT USED	[Opt.]		
	42	1		NOT USED	[Opt.]		
	43	1		NOT USED	[Opt.]		
	44	1		NOT USED	[Opt.]		
	45	1		NOT USED	[Opt.]		
	46	1		NOT USED	[Opt.]		
	47	1		NOT USED	[Opt.]		
	48	1		NOT USED	[Opt.]		
	49	1		NOT USED	[Opt.]		
	4A	1		NOT USED	[Opt.]		
	4B	1		NOT USED	[Opt.]		
	4C	1		NOT USED	[Opt.]		

	4D	1	NOT USED	[Opt.]		
	4E	1	NOT USED	[Opt.]		
	4F	1	NOT USED	[Opt.]		
	50	1	NOT USED	[Opt.]		
	51	1	NOT USED	[Opt.]		
	52	1	NOT USED	[Opt.]		
	53	1	NOT USED	[Opt.]		
	54	1	NOT USED	[Opt.]		
	55	1	NOT USED	[Opt.]		
	56	1	NOT USED	[Opt.]		
	57	1	NOT USED	[Opt.]		
	58	1	NOT USED	[Opt.]		
	59	1	00 - 5F AC1 CONTROLLER NUMBER	[Opt.]	0 - 95	10
	5A	1	NOT USED	[Opt.]		
	5B	1	NOT USED	[Opt.]		
	5C	1	NOT USED	[Opt.]		
	5D	1	NOT USED	[Opt.]		
	5E	1	NOT USED	[Opt.]		
	5F	1	NOT USED	[Opt.]		
	60	1	00 - 5F AC2 CONTROLLER NUMBER	[Opt.]	0 - 95	11

TOTAL SIZE 31

nn:AD Part number(0 - 63)

＜ 別表 3-8-2 ＞

XG PARAMETER CHANGE TABLE(AD PART CONFIGURATION)

Address (H)	Size (H)	Data (H)	Parameter		Description	Default (H)
11 nn 00	1	00 - 01	MONO/STEREO	[Opt.]	0: MONO 1: STEREO	AD Part1,2=depend on bank select MSB/LSB and program number, other parts=0
11 nn 01	3	00 - 7F	INPUT CATEGORY	[Opt.]	Off, Analog, USB, mLan, Y2(MEL), S/PDIF, AES/EBU, ADAT, TASCAM, 未定義(9-63), PCI1…PCI62(64-126), Ext. Device(127)	depend on the model
	02	00 - 7F	INPUT SUB CATEGORY	[Opt.]		depend on the model
	03	00 - 7F	INPUT SERIAL NUMBER	[Opt.]		depend on the model

TOTAL SIZE 3

XG SYSTEM Onによって初期化しない。

nn = AD Part Number

Address	Size	Data	Prameter		Description	Default(HEX)
12 0n 30	1	00..5F	CBC1 Control Number	[Opt.]	0 - 95	16
TOTAL SIZE =		01				
12 0n 38	1	00..5F	CBC2 Control Number	[Opt.]	0 - 95	16
TOTAL SIZE =		01				

n = AD part number(0 - 1)

＜ 別表 3-9-1 ＞

XG PARAMETER CHANGE TABLE (DRUM SETUP)

Address (H)	Size (H)	Data (H)	Parameter	Option	Description	Default
3n rr 00	1	00 - 7F	PITCH COARSE		-64 - +63	40
3n rr 01	1	00 - 7F	PITCH FINE		-64 - +63[cent]	40
3n rr 02	1	00 - 7F	LEVEL		0 - 127	depend on the note
3n rr 03	1	00 - 7F	ALTERNATE GROUP		0:OFF 1 - 127	depend on the note
3n rr 04	1	00 - 7F	PAN		0:random 1:L63 : 64:C(center) : 127:R63	depend on the note
3n rr 05	1	00 - 7F	REVERB SEND		0 - 127	depend on the note
3n rr 06	1	00 - 7F	CHORUS SEND		0 - 127	depend on the note
3n rr 07	1	00 - 7F	VARIATION SEND		0 - 127	7F
3n rr 08	1	00 - 01	KEY ASSIGN		0:SINGLE 1:MULTI	0
3n rr 09	1	00 - 01	Rcv NOTE OFF		OFF/ON	depend on the note
3n rr 0A	1	00 - 01	Rcv NOTE ON		OFF/ON	1
3n rr 0B	1	00 - 7F	FILTER CUTOFF FREQUENCY		-64 - +63	40
3n rr 0C	1	00 - 7F	FILTER RESONANCE		-64 - +63	40
3n rr 0D	1	00 - 7F	EG ATTACK		-64 - +63	40
3n rr 0E	1	00 - 7F	EG DECAY1		-64 - +63	40
3n rr 0F	1	00 - 7F	EG DECAY2		-64 - +63	40

TOTAL SIZE 10

＜ 別表 3-9-2 ＞

XG ADDITIONAL PARAMETER CHANGE TABLE (DRUM SETUP)

Address (H)	Size (H)	Data (H)	Parameter		Option	Description	Default value(H)
3n rr 20	1	00 - 7F	EQ BASS		[Opt.]	-64 - +63(-12 - +12[dB])	40
21	1	00 - 7F	EQ TREBLE		[Opt.]	-64 - +63(-12 - +12[dB])	40
22	1	00 - 7F	EQ MID-BASS	(NOT USED)	[Opt.]	-64 - +63(-12 - +12[dB])	40
23	1	00 - 7F	EQ MID-TREBLE	(NOT USED)	[Opt.]	-64 - +63(-12 - +12[dB])	40
24	1	04 - 28	EQ BASS frequency		[Opt.]	32-2.0k[Hz]	0C
25	1	1C - 3A	EQ TREBLE frequency		[Opt.]	500-16.0k[Hz]	36
26	1	0E - 36	EQ MID-BASS frequency	(NOT USED)	[Opt.]	100-10.0k[Hz]	22
27	1	0E - 36	EQ MID-TREBLE frequency	(NOT USED)	[Opt.]	100-10.0k[Hz]	2E
28	1	01 - 78	EQ BASS Q	(NOT USED)	[Opt.]	0.1-12.0	7
29	1	01 - 78	EQ TREBLE Q	(NOT USED)	[Opt.]	0.1-12.0	7
2A	1	01 - 78	EQ MID-BASS Q	(NOT USED)	[Opt.]	0.1-12.0	7
2B	1	01 - 78	EQ MID-TREBLE Q	(NOT USED)	[Opt.]	0.1-12.0	7
2C	1	00 - 01	EQ BASS shape	(NOT USED)	[Opt.]	00:shelving, 01:peaking	0
2D	1	00 - 01	EQ TREBLE shape	(NOT USED)	[Opt.]	00:shelving, 01:peaking	0
TOTAL SIZE 0F							
3n rr 40	1	00 - 67	OUTPUT SELECT		[Opt.]	0-7 : Stereo1-8, 8-39 : Ind1+2, ...Ind63+64, 40-103 : Ind1-Ind64	0
TOTAL SIZE 1							

注意： OUTPUT SELECT について、受信した値が対応可能な数字でない場合は、Stereo out1とする。

3n rr 50	1	00 - 7F	HIGH PASS FILTER CUTOFF FREQUENCY	[Opt.]	-64 - +63	40

```
        51    1   00 - 7F    HIGH PASS FILTER RESONANCE              (NOT USED)   [Opt.]  -64 - +63                              40
TOTAL SIZE    2

提案：  アドレス 3n rr 52～5F については、今後追加されるフィルター用にリザーブする。

3n  rr   60    1   30 - 50    VELOCITY PITCH SENSE                                [Opt.]  -16 - +16                             depend on the note
         61    1   30 - 50    VELOCITY LPF CUTOFF SENSE                           [Opt.]  -16 - +16                             depend on the note
TOTAL SIZE    2

3n  rr   70   4   7E - 7F    SOURCE DRUM KIT(Bank select MSB)        (NOT USED)   [Opt.]  126:SFX kit, 127:Drum kit             depend on the note
                  00 - 7F    SOURCE DRUM KIT(Bank select LSB)        (NOT USED)   [Opt.]                                        depend on the note
                  00 - 7F    SOURCE DRUM KIT(Program number)         (NOT USED)   [Opt.]                                        depend on the note
                  0D - 5B    SOURCE DRUM KIT(Note number)            (NOT USED)   [Opt.]                                        depend on the note
TOTAL SIZE    4
ドラムキットの楽器を差し替えるためのメッセージである。

[注意]
n:Drum setup number  最低限２つのセットアップを持つこと。n=2,3 : [Opt.]
rr:note number(0D - 5B)
XG system on , GM system on メッセージを受信すると、DRUM SETUP PARAMETER は全て初期化される。
Drum setup reset メッセージにより、各Drum setup parameter を初期化することができる。
drum kit のprogram change で drum setup の内容はリセットされる.
```

＜ 別表 3-10 ＞

XG PARAMETER CHANGE TABLE (PLUGIN)

```
 Address     Size  Data      Parameter                                 [Opt.]
                                                                     Option   Description                              Default
(H)           (H)  (H)                                                                                                value(H)
 70 nn    mm   1   00 - 7F    Part Assign                                         [Opt.]  Part1 - Part16, OFF              0
TOTAL SIZE    1
                              Address Mid, Lowで指定したプラグインをどのパートにアサインするかを指定するメッセージ

 71 nn    pp   1   00 - 0F    Note Filter                                         [Opt.]  Part1 - Part16                  --
TOTAL SIZE    1
                              Address Midで指定したプラグインがAddress Lowで指定したパートにアサインされていたら、
                              dataで指定したPartのNoteOnメッセージを無視する。
                              実現方法はそのパートのRcvNoteMessageをoffにする事で対応する。

    nn :PB type ( 00:PLG100-VL, 01:PLG100-SG, 02:PLG100-DX )
    mm : Serial Number (同一ボード内の仮想的な番号)
    pp : part number
```

＜ Optionの表記について ＞

無印	XG必須
[Opt.]	Option Parameter