

MIDI Implementation

Model: GT-100/GT-001
 Date: Apr. 30, 2014
 Version: 2.00 (GT-100)
 1.00 (GT-001)

BANK	PROG		GT-100	GT-001
MSB	CHG			
0	1	=	#U01-1	#U001
0	2	=	#U01-2	#U002
		:		
0	99	=	#U25-3	#U099
0	100	=	#U25-4	#U100
0	101	=	#U25-4	#U100
0	102	=	#U25-4	#U100
		:		
0	126	=	#U25-4	#U100
0	127	=	#U25-4	#U100
1	1	=	#U26-1	#U101
1	2	=	#U26-2	#U102
		:		
1	99	=	#U50-3	#U199
1	100	=	#U50-4	#U200
1	101	=	#U50-4	#U200
1	102	=	#U50-4	#U200
		:		
1	126	=	#U50-4	#U200
1	127	=	#U50-4	#U200
2	1	=	#P01-1	#P001
2	2	=	#P01-2	#P002
		:		
2	99	=	#P25-3	#P099
2	100	=	#P25-4	#P100
2	101	=	#P25-4	#P100
2	102	=	#P25-4	#P100
		:		
2	126	=	#P25-4	#P100
2	127	=	#P25-4	#P100
3	1	=	#P26-1	#P101
3	2	=	#P26-2	#P102
		:		
3	99	=	#P50-3	#P199
3	100	=	#P50-4	#P200
3	101	=	#P50-4	#P200
3	102	=	#P50-4	#P200
		:		
3	126	=	#P50-4	#P200
3	127	=	#P50-4	#P200

1. RECOGNIZED RECEIVE DATA (Main Section)

CHANNEL VOICE MESSAGE

Received when the "SYSTEM: MIDI SETTING: RX CHANNEL" matches the number of the MIDI channel on which they arrive. Also, when "Omni Mode" for "SYSTEM: MIDI SETTING: OMNI MODE" is set to "ON," all MIDI channel numbers are received, regardless of the MIDI receive channel number.

Control Change

Bank Select

Status	2nd byte	3rd byte
BnH	00H	mmH

n = MIDI channel number: 0H - FH (ch.1 - ch.16)
 mm = Bank number: 00H - 7FH (0 - 3)

- * For values of 03H or lower, the "BANK" setting for "SYSTEM: MIDI PROGRAM CHG MAP" will be switched according to the value. For values of 04H or higher, the received data will be ignored.
- * After start-up, the GT-100 and GT-001 will operate with bank number 00H until it receives a bank select.

Control Change Number #1 - #31, #64 - #95

Status	2nd byte	3rd byte
BnH	ccH	vvH

n = MIDI channel number: 0H - FH (ch.1 - ch.16)
 cc = Controller Number: 01H - 1FH (1 - 31)
 40H - 5FH (64 - 95)
 vv = Value: 00H - 7FH (0 - 127)

- * By specifying this as "CTL/EXP: ASSIGN1-8: SOURCE" you can use these messages to control "CTL/EXP: ASSIGN1-8: TARGET."

Program Change

Status	2nd byte
CnH	ppH

n = MIDI channel number: 0H - FH (ch.1 - ch.16)
 pp = Program Number: 00H - 7FH (No.1 - No.128)

- * Patches will be selected according to the program number that is received.
- * Patches are changed as shown below in correspondence with the bank number and program number received when "SYSTEM: MIDI SETTING: MAP SELECT" is set to "FIX."

- * When "SYSTEM: MIDI SETTING: MAP SELECT" is set to "PROG," patches change in accord with the patch settings made for "SYSTEM: MIDI PROGRAM CHG MAP"

SYSTEM REALTIME MESSAGE

Timing Clock

Status
F8H

- * This is detected when "SYSTEM: MIDI SETTING: SYNC CLOCK" is set to "AUTO" and "EFFECT: MASTER SETTING: MASTER BPM" is updated accordingly.

Active Sensing

Status
FEH

- * When an Active Sensing message is received, the interval of all subsequent messages will begin to be monitored. If an interval greater than 400 msec. between messages, the display will indicate "MIDI OFFLINE!"

SYSTEM EXCLUSIVE MESSAGE

Status	Data Byte	Status
F0H	iiH, ddH, ... eeH	F7H
Byte	Explanation	
F0H	Exclusive status	
iiH	Manufacturer ID	
ddH	Data	
:	:	
eeH	Data	
F7H	EOX (End of Exclusive)	

● Universal Non-realtime System Exclusive Messages

○ Identity Request Message

Status	Data Byte	Status
F0H	7EH, dev, 06H, 01H	F7H
Byte	Explanation	
F0H	Exclusive status	
7EH	ID number (Universal Non-realtime Message)	
Dev	Device ID	
06H	Sub ID#1 (General Information)	
01H	Sub ID#2 (Identity Request)	
F7H	EOX (End of Exclusive)	

- * This is always received, regardless of the setting for the unit's device ID.
- * When this message is received, Identity Reply message will be transmitted.

● ONE WAY COMMUNICATION

○ Request Data 1 RQ1 (11H) (Model ID = 00H 00H 60H - GT-100)

Status	Data Byte	Status
F0H	41H, dev, 00H, 00H, 60H, 11H, aaH, bbH, ccH, ddH, ssH, ttH, uuH, vvH, sum	F7H
Byte	Explanation	
F0H	Exclusive status	
41H	Manufacturer ID (Roland)	
Dev	Device ID (Dev=00H-1FH, 7FH)	
00H	Model ID #1 (GT-100)	
00H	Model ID #2 (GT-100)	
60H	Model ID #3 (GT-100)	
11H	Command ID (RQ1)	
aaH	Address MSB	
bbH	Address	
ccH	Address	
ddH	Address LSB	
ssH	Size MSB	
ttH	Size	
uuH	Size	
vvH	Size LSB	
sum	Checksum	
F7H	EOX (End of Exclusive)	

- * Only a device ID of 7FH or message matching the GT-100's device ID is received.
- * The setting range for the device ID is 1 through 32. The factory default setting is 1.

○ Request Data 1 RQ1 (11H) (Model ID = 00H 00H 00H 06H - GT-001)

Status	Data Byte	Status
F0H	41H, dev, 00H, 00H, 00H, 06H, 11H, aaH, bbH, ccH, ddH, ssH, ttH, uuH, vvH, sum	F7H
Byte	Explanation	
F0H	Exclusive status	
41H	Manufacturer ID (Roland)	
Dev	Device ID (Dev=00H-1FH, 7FH)	
00H	Model ID #1 (GT-001)	
00H	Model ID #2 (GT-001)	
00H	Model ID #3 (GT-001)	
06H	Model ID #4 (GT-001)	
11H	Command ID (RQ1)	
aaH	Address MSB	
bbH	Address	
ccH	Address	
ddH	Address LSB	
ssH	Size MSB	
ttH	Size	
uuH	Size	
vvH	Size LSB	
sum	Checksum	
F7H	EOX (End of Exclusive)	

- * Only a device ID of 7FH or message matching the GT-001's device ID is received.
- * The setting range for the device ID is 1 through 32. The factory default setting is 1.

○ Data Set 1 DT1 (12H) (Model ID = 00H 00H 60H - GT-100)

Status	Data Byte	Status
F0H	41H, dev, 00H, 00H, 60H, 12H, aaH, bbH, ccH, ddH, eeH, ... ffH, sum	F7H
Byte	Explanation	
F0H	Exclusive status	
41H	Manufacturer ID (Roland)	
Dev	Device ID (Dev=00H-1FH, 7FH)	
00H	Model ID #1 (GT-100)	
00H	Model ID #2 (GT-100)	
60H	Model ID #3 (GT-100)	
12H	Command ID (DT1)	
aaH	Address MSB	
bbH	Address	
ccH	Address	
ddH	Address LSB	
eeH	Data	
:	:	
ffH	Data	
sum	Checksum	
F7H	EOX (End of Exclusive)	

- * Only a device ID of 7FH or message matching the GT-100's device ID is received.
- * The setting range for the device ID is 1 through 32. The factory default setting is 1.

○ Data Set 1 DT1 (12H) (Model ID = 00H 00H 00H 06H - GT-001)

Status	Data Byte	Status
FOH	41H, dev, 00H, 00H, 00H, 06H 12H, aaH, bbH, ccH, ddH, eeH, ... ffH, sum	F7H

Byte	Explanation
FOH	Exclusive status
41H	Manufacturer ID (Roland)
Dev	Device ID (Dev=00H-1FH, 7FH)
00H	Model ID #1 (GT-001)
00H	Model ID #2 (GT-001)
00H	Model ID #3 (GT-001)
06H	Model ID #4 (GT-001)
12H	Command ID (DT1)
aaH	Address MSB
bbH	Address
ccH	Address
ddH	Address LSB
eeH	Data
:	:
ffH	Data
sum	Checksum
F7H	EOX (End of Exclusive)

* Only a device ID of 7FH or message matching the GT-001's device ID is received.
 * The setting range for the device ID is 1 through 32. The factory default setting is 1.

2. TRANSMITTED DATA (Main Section)

■ CHANNEL VOICE MESSAGE

For the MIDI transmit channel number for Channel Voice messages, set "SYSTEM: MIDI SETTING: TX CHANNEL."

● Note Off

Status	2nd byte	3rd byte
8nH	kkH	40H

n = MIDI Channel Number: 0H - FH (ch.1 - ch.16)
 kk = Note Number: 00H - 7FH (0 - 127)

● Note On

Status	2nd byte	3rd byte
9nH	kkH	vvH

n = MIDI Channel Number: 0H - FH (ch.1 - ch.16)
 kk = Note Number: 00H - 7FH (0 - 127)
 vv = Velocity: 01H - 7FH (1 - 127)

● Control Change

○ Bank Select

Status	2nd byte	3rd byte
BnH	00H	mmH
BnH	20H	llH

n = MIDI Channel Number: 0H - FH (ch.1 - ch.16)
 mm = Bank number (MSB): 00H - 7FH (0 - 127)
 ll = Bank number (LSB): 00H - 7FH (0 - 127)

* If you set up a system parameter "SYSTEM: MIDI SETTING: PC OUT" for "ON," program change information is transmitted when switching patch.

○ Control Change Number #1 - #31, #64 - #95

Status	2nd byte	3rd byte
BnH	ccH	vvH

n = MIDI Channel Number: 0H - FH (ch.1 - ch.16)
 cc = Controller Number: 01H - 1FH (1 - 31)
 40H - 5FH (64 - 95)
 vv = Value: 00H - 7FH (0 - 127)

* If you set up a control change number at a system parameter "SYSTEM: MIDI SETTING" control change information is transmitted when operating each controllers.

○ RPN MSB/LSB

Status	2nd byte	3rd byte
BnH	65H	mmH
BnH	64H	llH

n = MIDI Channel Number: 0H - FH (ch.1 - ch.16)
 mm = upper byte (MSB) of parameter number specified by RPN
 ll = lower byte (LSB) of parameter number specified by RPN

<<< RPN >>>
 Control Changes include RPN (Registered Parameter Numbers), which are extended. Pitch bend sensitivity (RPN#0) is the only RPN transmitted by the GT-100 and GT-001.

RPN	Data entry	Notes
MSB, LSB	MSB, LSB	
00H, 00H	mmH, 00H	Pitch Bend Sensitivity The least significant byte is always transmitted as 00H.

* This is transmitted when "SYSTEM: GUITAR TO MIDI: BEND RANGE" is changed.

● Program Change

Status	2nd byte
CnH	ppH

n = MIDI Channel Number: 0H - FH (ch.1 - ch.16)
 pp = Program Number: 00H - 7FH (No.1 - No.128)

* If you set up a system parameter "SYSTEM: MIDI SETTING: PC OUT" for "ON," program change information is transmitted when switching patch.

GT-100	GT-001		BANK MSB	LSB	PROG CHG
#U01-1	#U001	=	0	0	1
#U01-2	#U002	=	0	0	2
:	:				
#U25-3	#U099	=	0	0	99
#U25-4	#U100	=	0	0	100
#U26-1	#U101	=	1	0	1
#U26-2	#U102	=	1	0	2
:	:				
#U50-3	#U199	=	1	0	99
#U50-4	#U200	=	1	0	100
#P01-1	#P001	=	2	0	1
#P01-2	#P002	=	2	0	2
:	:				
#P25-3	#P099	=	2	0	99
#P25-4	#P100	=	2	0	100
#P26-1	#P101	=	3	0	1
#P26-2	#P102	=	3	0	2
:	:				
#P50-3	#P199	=	3	0	99
#P50-4	#P200	=	3	0	100

● Pitch Bend Change

Status	2nd byte	3rd byte
EnH	llH	mmH

n = MIDI Channel Number: 0H - FH (ch.1 - ch.16)
 mm, ll = Value: 00 00H - 40 00H - 7F 7FH (-8192 - 0 - +8191)

SYSTEM REALTIME MESSAGE

Start

Status
FAH

* This is transmitted at the time of controller operation when "MIDI START/STOP" is set to "CTL/EXP: ASSIGN1-8: TARGET."

Stop

Status
FCH

* This is transmitted at the time of controller operation when "MIDI START/STOP" is set to "CTL/EXP: ASSIGN1-8: TARGET."

Active Sensing

Status
FEH

* This is transmitted at intervals of approximately 200 msec.

SYSTEM EXCLUSIVE MESSAGE

<u>Status</u>	<u>Data Byte</u>	<u>Status</u>
F0H	iiH, ddH, ... eeH	F7H

<u>Byte</u>	<u>Explanation</u>
F0H	Exclusive status
iiH	Manufacturer ID
ddH	Data
:	:
eeH	Data
F7H	EOX (End of Exclusive)

Universal System Exclusive Message

Identity Reply Message (GT-100)

* Receiving Identity Request Message, the GT-100 sends this message.

<u>Status</u>	<u>Data Byte</u>	<u>Status</u>
F0H	7EH, dev, 06H, 02H, 41H, 60H, 02H 00H, 00H, 00H, 00H, 00H, 00H	F7H

<u>Byte</u>	<u>Explanation</u>
F0H	Exclusive status
7EH	ID number (Universal Non-realtime Message)
Dev	Device ID (Dev=00H-1FH)
06H	Sub ID#1 (General Information)
02H	Sub ID#2 (Identity Request)
41H	ID number (Roland)
60H 02H	Device family code
00H 00H	Device family number code
00H 00H 00H 00H	Software revision level
F7H	EOX (End of Exclusive)

Identity Reply Message (GT-001)

* Receiving Identity Request Message, the GT-001 sends this message.

<u>Status</u>	<u>Data Byte</u>	<u>Status</u>
F0H	7EH, dev, 06H, 02H, 41H, 60H, 03H 00H, 00H, 00H, 00H, 00H, 00H	F7H

<u>Byte</u>	<u>Explanation</u>
F0H	Exclusive status
7EH	ID number (Universal Non-realtime Message)
Dev	Device ID (Dev=00H-1FH)
06H	Sub ID#1 (General Information)
02H	Sub ID#2 (Identity Request)
41H	ID number (Roland)
60H 03H	Device family code
00H 00H	Device family number code
00H 00H 00H 00H	Software revision level
F7H	EOX (End of Exclusive)

MIDI Machine Control Command STOP (MCS)

<u>Status</u>	<u>Data Byte</u>	<u>Status</u>
F0H	7FH, Dev, 06H, 01H	F7H

<u>Byte</u>	<u>Explanation</u>
F0H	Exclusive status
7FH	Universal System Exclusive Realtime Header
Dev	Device ID (7FH)
06H	MMC command message
01H	STOP (MCS)
F7H	EOX (End of Exclusive)

* This is transmitted at the time of controller operation when "MIDI MMC PLY/STOP" is set to "Target" for "CTL/EXP: ASSIGN1-8: TARGET."

MIDI Machine Control Command PLAY (MCS)

<u>Status</u>	<u>Data Byte</u>	<u>Status</u>
F0H	7FH, Dev, 06H, 03H	F7H

<u>Byte</u>	<u>Explanation</u>
F0H	Exclusive status
7FH	Universal System Exclusive Realtime Header
Dev	Device ID (7FH)
06H	MMC command message
02H	PLAY (MCS)
F7H	EOX (End of Exclusive)

* This is transmitted at the time of controller operation when "MIDI MMC PLY/STOP" is set to "Target" for "CTL/EXP: ASSIGN1-8: TARGET."

● ONE WAY COMMUNICATION

○ Data Set 1 DT1(12H) (Model ID = 00H 00H 60H - GT-100)

<u>Status</u>	<u>Data Byte</u>	<u>Status</u>
F0H	41H, dev, 00H, 00H, 60H, 12H, aaH, bbH, ccH, ddH, eeH, ... ffH, sum	F7H

<u>Byte</u>	<u>Explanation</u>
F0H	Exclusive status
41H	Manufacturer ID (Roland)
Dev	Device ID (Dev=00H-1FH)
00H	Model ID #1 (GT-100)
00H	Model ID #2 (GT-100)
60H	Model ID #3 (GT-100)
12H	Command ID (DT1)
aaH	Address MSB
bbH	Address
ccH	Address
ddH	Address LSB
eeH	Data
:	:
ffH	Data
sum	Checksum
F7H	EOX (End of Exclusive)

* The setting range for the device ID is 1 through 32. The factory default setting is 1.

○ Data Set 1 DT1(12H) (Model ID = 00H 00H 00H 06H - GT-001)

<u>Status</u>	<u>Data Byte</u>	<u>Status</u>
F0H	41H, dev, 00H, 00H, 00H 06H, 12H, aaH, bbH, ccH, ddH, eeH, ... ffH, sum	F7H

<u>Byte</u>	<u>Explanation</u>
F0H	Exclusive status
41H	Manufacturer ID (Roland)
Dev	Device ID (Dev=00H-1FH)
00H	Model ID #1 (GT-001)
00H	Model ID #2 (GT-001)
00H	Model ID #3 (GT-001)
06H	Model ID #4 (GT-001)
12H	Command ID (DT1)
aaH	Address MSB
bbH	Address
ccH	Address
ddH	Address LSB
eeH	Data
:	:
ffH	Data
sum	Checksum
F7H	EOX (End of Exclusive)

* The setting range for the device ID is 1 through 32. The factory default setting is 1.

3.PARAMETER ADDRESS MAP (Model ID = 00H 00H 60H - GT-100)/ (Model ID = 00H 00H 00H 06H - GT-001)

The address and size are displayed under 7-bit hexadecimal notation.

Address	MSB			LSB
Binary	0aaa aaaa	0bbb bbbb	0ccc cccc	0ddd dddd
7-bit Hexadecimal	AA	BB	CC	DD
Size	MSB			LSB
Binary	0sss ssss	0ttt tttt	0uuu uuuu	0vvv vvvv
7-bit Hexadecimal	SS	TT	UU	VV

Address Block Map

Address	Block	Sub Block	Note		
00 00 00 00	SYSTEM		* Refer to Table 'SYSTEM'		
00 02 00 00		MIDI		* Refer to Table 'MIDI'	
10 00 00 00	USER Patch	#U01-1/#U001	* Refer to Table 'PATCH'		
10 01 00 00		#U01-2/#U002			
:		:			
10 7F 00 00		#U32-4/#U128			
11 00 00 00		#U33-1/#U129			
:		:			
11 46 00 00		#U50-3/#U199			
11 47 00 00		#U50-4/#U200			
20 00 00 00		PRESET Patch		#P01-1/#P001	* Refer to Table 'PATCH' (Read only)
20 01 00 00				#P01-2/#P002	
:	:				
20 7F 00 00	#P32-4/#P128				
21 00 00 00	#P33-1/#P129				
:	:				
21 46 00 00	#P50-3/#P199				
21 47 00 00	#P50-4/#P200				
30 00 00 00	USER QUICK SETTING		#U01	* Refer to Table 'PATCH' and Table 'PATCH: QUICK SETTING NAME'	
30 01 00 00			#U02		
:		:			
30 08 00 00		#U09			
30 09 00 00		#U10			
40 00 00 00	PRESET QUICK SETTING	#P01	* Refer to Table 'PATCH' and Table 'PATCH: QUICK SETTING NAME' (Read only)		
40 01 00 00		#P02			
:		:			
40 08 00 00		#P09			
40 09 00 00		#P10			
60 00 00 00	TEMPORARY PATCH		* Refer to Table 'PATCH'		

- * Although system exclusive message can be received at any time, be sure to appropriately describe the value for one parameter in one packet [F0...F7].
- * Do not use an address appended with "#" as the first address.
- * Parameters for which Size is 2 or higher should not be separated; make sure these are sent in the same packet.
- * Parameters with Size of 2 or higher transmitted from the specified addresses in sequence, from MSB to LSB.

Table 'SYSTEM'

Address(H)	Size(H)	Data(H)	Parameter	Description	
00 00 00 00	00 00 00 01	00 - 0F	LCD: CONTRAST LEFT	1 - 16	
00 00 00 01	00 00 00 01	00 - 0F	LCD: CONTRAST RIGHT	1 - 16	* GT-100 only
00 00 00 10	00 00 00 01	00 - 01	PLAY OPTION: BANK CHANGE MODE	00 : WAIT 01 : IMMED	* GT-100 only
00 00 00 11	00 00 00 01	00 - 01	PLAY OPTION: EXP PEDAL HOLD	00 : OFF 01 : ON	
00 00 00 12	00 00 00 01	00 - 01	PLAY OPTION: KNOB LOCK	00 : OFF 01 : ON	* GT-100 only
00 00 00 13	00 00 00 01	00 - 05	PLAY OPTION: NUM PEDAL SW	00 : OFF 01 : TUNER 02 : Ch. A/B 03 : OD SOLO 04 : A/B SOLO 05 : A&B SOLO	* GT-100 only
00 00 00 14	00 00 00 02	00 00 - 00 63	PLAY OPTION: BANK EXTENT MIN	00 - 31 : U01 - U50 32 - 63 : P01 - P50	* GT-100 only
00 00 00 16	00 00 00 02	00 00 - 00 63	PLAY OPTION: BANK EXTENT MAX	00 - 31 : U01 - U50 32 - 63 : P01 - P50	* GT-100 only
00 00 00 18	00 00 00 01	00 - 01	PLAY OPTION: PEDAL INDICAT	00 : OFF 01 : ON	
00 00 00 20	00 00 00 01	00 - 0A	TUNER: PITCH	00 - 0A : 435Hz - 445Hz	
00 00 00 21	00 00 00 01	00 - 02	TUNER: OUTPUT	00 : MUTE 01 : BYPASS 02 : THRU	
00 00 00 31	00 00 00 02	00 28 - 01 7A	METRONOME: TEMPO	00 28 - 01 7A : 40 - 250	
00 00 00 33	00 00 00 01	00 - 1F	METRONOME: BEAT	* Refer to Table 'MASTER BEAT'	
00 00 00 34	00 00 00 01	00 - 64	METRONOME: LEVEL	0 - 100	
00 00 00 40	00 00 00 01	00 - 01	PREFERENCE: OUTPUT SELECT	00 : PATCH 01 : SYSTEM	
00 00 00 41	00 00 00 01	00 - 03	PREFERENCE: PREAMP	00 : PATCH 01 : SYSTEM1 02 : SYSTEM2 03 : SYSTEM3	
00 00 00 42	00 00 00 01	00 - 01	PREFERENCE: ACCEL/CTL	00 : PATCH 01 : SYSTEM	
00 00 00 43	00 00 00 01	00 - 01	PREFERENCE: EXP	00 : PATCH 01 : SYSTEM	
00 00 00 44	00 00 00 01	00 - 01	PREFERENCE: EXP SW	00 : PATCH 01 : SYSTEM	* GT-100 only
00 00 00 45	00 00 00 01	00 - 01	PREFERENCE: SUB CTL1	00 : PATCH 01 : SYSTEM	* CTL1 on GT-001
00 00 00 46	00 00 00 01	00 - 01	PREFERENCE: SUB CTL2	00 : PATCH 01 : SYSTEM	* CTL2 on GT-001
00 00 00 47	00 00 00 01	00 - 01	PREFERENCE: SUB EXP	00 : PATCH 01 : SYSTEM	* GT-100 only
00 00 00 51	00 00 00 01	00 - 28	USB: SECONDARY TO EFFECT LEVEL	00 - 28 : -20 - +20dB	
00 00 00 52	00 00 00 01	00 - 64	USB: PRIMARY EFFECT OUTPUT LEVEL	00 - 64 : 0 - 200%	
00 00 00 53	00 00 00 01	00 - 64	USB: PRIMARY DRY MIX LEVEL	00 - 64 : 0 - 200%	
00 00 00 57	00 00 00 01	00 - 64	USB: SECONDARY OUTPUT LEVEL	00 - 64 : 0 - 200%	
00 00 00 60	00 00 00 01	00 - 01	AUTO OFF	00 : OFF 01 : ON	
00 00 00 70	00 00 00 01	00 - 07	OUTPUT SELECT	00 : JC-120 01 : SMALL AMP 02 : COMBO AMP 03 : STACK AMP 04 : JC-120 RETURN 05 : COMBO RETURN 06 : STACK RETURN 07 : LINE/PHONES	
00 00 00 71	00 00 00 01	00 - 28	INPUT LEVEL	00 - 28 : MUTE, -19 - +20dB	* GUITAR IN LEVEL on GT-001
00 00 00 72	00 00 00 01	00 - 28	GLOBAL EQ: LOW GAIN	00 - 28 : -20 - +20dB	
00 00 00 73	00 00 00 01	00 - 28	GLOBAL EQ: MID GAIN	00 - 28 : -20 - +20dB	
00 00 00 74	00 00 00 01	00 - 1B	GLOBAL EQ: MID FREQ	00 - 1B : 20.0Hz - 10.0kHz	
00 00 00 75	00 00 00 01	00 - 05	GLOBAL EQ: MID Q	* Refer to Table 'MID Q'	
00 00 00 76	00 00 00 01	00 - 28	GLOBAL EQ: HIGH GAIN	00 - 28 : -20 - +20dB	
00 00 00 77	00 00 00 01	00 - 28	TOTAL: NS THRESH	00 - 28 : -20 - +20dB	
00 00 00 78	00 00 00 01	00 - 64	TOTAL: REVERB LEVEL	00 - 64 : 0 - 200%	
00 00 00 79	00 00 00 01	00 - 01	TOTAL: MAIN OUT LEVEL	00 : -10dB 01 : +4dB	* GT-100 only

MIDI Implementation

00 00 00 7A	00 00 00 01	00 - 28	MIC: LEVEL	00 - 28 : -20 - +20dB	* GT-001 only
00 00 00 7B	00 00 00 01	00 - 02	MIC: GAIN	00 : 0dB 01 : +12dB 02 : +24dB	* GT-001 only
00 00 00 7C	00 00 00 01	00 - 01	MIC: PHANTOM SW	00 : OFF 01 : ON	* GT-001 only
00 00 00 7D	00 00 00 01	00 - 01	INPUT SELECT	00 : GUITAR 01 : MIC	* GT-001 only
00 00 01 00	00 00 00 01	00 - 01	PHRASE LOOP: MODE	00 : PERFORM 01 : PATCH EDIT	* GT-100 only
00 00 01 01	00 00 00 01	00 - 01	PHRASE LOOP: PEDAL FUNC	00 : OFF 01 : PHRASE LOOP	* GT-100 only
00 00 01 02	00 00 00 01	00 - 01	PHRASE LOOP: REC_MODE	00 : MONO 01 : STEREO	* GT-100 only
00 00 01 04	00 00 00 01	00 - 78	PHRASE LOOP: PLAY_LEVEL	0 - 120	* GT-100 only
00 00 01 10	00 00 00 01	00 - 01	SYSTEM1: PREAMP A: ON/OFF	00 : OFF 01 : ON	
00 00 01 11	00 00 00 01	00 - 1B	SYSTEM1: PREAMP A: TYPE	* Refer to Table 'PREAMP TYPE'	
00 00 01 12	00 00 00 01	00 - 78	SYSTEM1: PREAMP A: GAIN	0 - 120	
00 00 01 13	00 00 00 01	00 - 14	SYSTEM1: PREAMP A: T-COMP	00 - 14 : -10 - +10	
00 00 01 14	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: BASS	0 - 100	
00 00 01 15	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: MIDDLE	0 - 100	
00 00 01 16	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: TREBLE	0 - 100	
00 00 01 17	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: PRESENCE	0 - 100	
00 00 01 18	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: LEVEL	0 - 100	
00 00 01 19	00 00 00 01	00 - 01	SYSTEM1: PREAMP A: BRIGHT	00 : OFF 01 : ON	
00 00 01 1A	00 00 00 01	00 - 02	SYSTEM1: PREAMP A: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH	
00 00 01 1B	00 00 00 01	00 - 01	SYSTEM1: PREAMP A: SOLO SW	00 : OFF 01 : ON	
00 00 01 1C	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: SOLO LEVEL	0 - 100	
00 00 01 1D	00 00 00 01	00 - 09	SYSTEM1: PREAMP A: SP TYPE	* Refer to Table 'SP TYPE'	
00 00 01 1E	00 00 00 01	00 - 04	SYSTEM1: PREAMP A: MIC TYPE	* Refer to Table 'MIC TYPE'	
00 00 01 1F	00 00 00 01	00 - 01	SYSTEM1: PREAMP A: MIC DIS	00 : OFF MIC 01 : ON MIC	
00 00 01 20	00 00 00 01	00 - 0A	SYSTEM1: PREAMP A: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm	
00 00 01 21	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: MIC LEVEL	0 - 100	
00 00 01 22	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: DIRECT MIX	0 - 100	
00 00 01 23	00 00 00 01	00 - 06	SYSTEM1: PREAMP A: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'	
00 00 01 24	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: CUSTOM BOTTOM	00 - 64 : -50 - +50	
00 00 01 25	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: CUSTOM EDGE	00 - 64 : -50 - +50	
00 00 01 28	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: CUSTOM PREAMP LOW	00 - 64 : -50 - +50	
00 00 01 29	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50	
00 00 01 2A	00 00 00 01	00 - 64	SYSTEM1: PREAMP A: CUSTOM CHAR	00 - 64 : -50 - +50	
00 00 01 2B	00 00 00 01	00 - 0A	SYSTEM1: PREAMP A: CUSTOM SP SIZE	00 - 0A : 5" - 15"	
00 00 01 2C	00 00 00 01	00 - 14	SYSTEM1: PREAMP A: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10	
00 00 01 2D	00 00 00 01	00 - 14	SYSTEM1: PREAMP A: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10	
00 00 01 2E	00 00 00 01	00 - 03	SYSTEM1: PREAMP A: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8	
00 00 01 2F	00 00 00 01	00 - 01	SYSTEM1: PREAMP A: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE	
00 00 01 30	00 00 00 01	00 - 01	SYSTEM1: PREAMP B: ON/OFF	00 : OFF 01 : ON	
00 00 01 31	00 00 00 01	00 - 1B	SYSTEM1: PREAMP B: TYPE	* Refer to Table 'PREAMP TYPE'	
00 00 01 32	00 00 00 01	00 - 78	SYSTEM1: PREAMP B: GAIN	0 - 120	
00 00 01 33	00 00 00 01	00 - 14	SYSTEM1: PREAMP B: T-COMP	00 - 14 : -10 - +10	
00 00 01 34	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: BASS	0 - 100	
00 00 01 35	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: MIDDLE	0 - 100	
00 00 01 36	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: TREBLE	0 - 100	
00 00 01 37	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: PRESENCE	0 - 100	
00 00 01 38	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: LEVEL	0 - 100	
00 00 01 39	00 00 00 01	00 - 01	SYSTEM1: PREAMP B: BRIGHT	00 : OFF 01 : ON	
00 00 01 3A	00 00 00 01	00 - 02	SYSTEM1: PREAMP B: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH	
00 00 01 3B	00 00 00 01	00 - 01	SYSTEM1: PREAMP B: SOLO SW	00 : OFF 01 : ON	
00 00 01 3C	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: SOLO LEVEL	0 - 100	
00 00 01 3D	00 00 00 01	00 - 09	SYSTEM1: PREAMP B: SP TYPE	* Refer to Table 'SP TYPE'	
00 00 01 3E	00 00 00 01	00 - 04	SYSTEM1: PREAMP B: MIC TYPE	* Refer to Table 'MIC TYPE'	
00 00 01 3F	00 00 00 01	00 - 01	SYSTEM1: PREAMP B: MIC DIS	00 : OFF MIC 01 : ON MIC	
00 00 01 40	00 00 00 01	00 - 0A	SYSTEM1: PREAMP B: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm	

00 00 01 41	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: MIC LEVEL	0 - 100
00 00 01 42	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: DIRECT MIX	0 - 100
00 00 01 43	00 00 00 01	00 - 06	SYSTEM1: PREAMP B: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'
00 00 01 44	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 01 45	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: CUSTOM EDGE	00 - 64 : -50 - +50
00 00 01 48	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: CUSTOM PREAMP LOW	00 - 64 : -50 - +50
00 00 01 49	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50
00 00 01 4A	00 00 00 01	00 - 64	SYSTEM1: PREAMP B: CUSTOM CHAR	00 - 64 : -50 - +50
00 00 01 4B	00 00 00 01	00 - 0A	SYSTEM1: PREAMP B: CUSTOM SP SIZE	00 - 0A : 5" - 15"
00 00 01 4C	00 00 00 01	00 - 14	SYSTEM1: PREAMP B: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10
00 00 01 4D	00 00 00 01	00 - 14	SYSTEM1: PREAMP B: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10
00 00 01 4E	00 00 00 01	00 - 03	SYSTEM1: PREAMP B: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8
00 00 01 4F	00 00 00 01	00 - 01	SYSTEM1: PREAMP B: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE
00 00 01 50	00 00 00 01	00 - 01	SYSTEM2: PREAMP A: ON/OFF	00 : OFF 01 : ON
00 00 01 51	00 00 00 01	00 - 1B	SYSTEM2: PREAMP A: TYPE	* Refer to Table 'PREAMP TYPE'
00 00 01 52	00 00 00 01	00 - 78	SYSTEM2: PREAMP A: GAIN	0 - 120
00 00 01 53	00 00 00 01	00 - 14	SYSTEM2: PREAMP A: T-COMP	00 - 14 : -10 - +10
00 00 01 54	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: BASS	0 - 100
00 00 01 55	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: MIDDLE	0 - 100
00 00 01 56	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: TREBLE	0 - 100
00 00 01 57	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: PRESENCE	0 - 100
00 00 01 58	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: LEVEL	0 - 100
00 00 01 59	00 00 00 01	00 - 01	SYSTEM2: PREAMP A: BRIGHT	00 : OFF 01 : ON
00 00 01 5A	00 00 00 01	00 - 02	SYSTEM2: PREAMP A: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH
00 00 01 5B	00 00 00 01	00 - 01	SYSTEM2: PREAMP A: SOLO SW	00 : OFF 01 : ON
00 00 01 5C	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: SOLO LEVEL	0 - 100
00 00 01 5D	00 00 00 01	00 - 09	SYSTEM2: PREAMP A: SP TYPE	* Refer to Table 'SP TYPE'
00 00 01 5E	00 00 00 01	00 - 04	SYSTEM2: PREAMP A: MIC TYPE	* Refer to Table 'MIC TYPE'
00 00 01 5F	00 00 00 01	00 - 01	SYSTEM2: PREAMP A: MIC DIS	00 : OFF MIC 01 : ON MIC
00 00 01 60	00 00 00 01	00 - 0A	SYSTEM2: PREAMP A: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm
00 00 01 61	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: MIC LEVEL	0 - 100
00 00 01 62	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: DIRECT MIX	0 - 100
00 00 01 63	00 00 00 01	00 - 06	SYSTEM2: PREAMP A: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'
00 00 01 64	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 01 65	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: CUSTOM EDGE	00 - 64 : -50 - +50
00 00 01 68	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: CUSTOM PREAMP LOW	00 - 64 : -50 - +50
00 00 01 69	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50
00 00 01 6A	00 00 00 01	00 - 64	SYSTEM2: PREAMP A: CUSTOM CHAR	00 - 64 : -50 - +50
00 00 01 6B	00 00 00 01	00 - 0A	SYSTEM2: PREAMP A: CUSTOM SP SIZE	00 - 0A : 5" - 15"
00 00 01 6C	00 00 00 01	00 - 14	SYSTEM2: PREAMP A: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10
00 00 01 6D	00 00 00 01	00 - 14	SYSTEM2: PREAMP A: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10
00 00 01 6E	00 00 00 01	00 - 03	SYSTEM2: PREAMP A: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8
00 00 01 6F	00 00 00 01	00 - 01	SYSTEM2: PREAMP A: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE
00 00 01 70	00 00 00 01	00 - 01	SYSTEM2: PREAMP B: ON/OFF	00 : OFF 01 : ON
00 00 01 71	00 00 00 01	00 - 1B	SYSTEM2: PREAMP B: TYPE	* Refer to Table 'PREAMP TYPE'
00 00 01 72	00 00 00 01	00 - 78	SYSTEM2: PREAMP B: GAIN	0 - 120
00 00 01 73	00 00 00 01	00 - 14	SYSTEM2: PREAMP B: T-COMP	00 - 14 : -10 - +10
00 00 01 74	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: BASS	0 - 100
00 00 01 75	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: MIDDLE	0 - 100
00 00 01 76	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: TREBLE	0 - 100
00 00 01 77	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: PRESENCE	0 - 100
00 00 01 78	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: LEVEL	0 - 100
00 00 01 79	00 00 00 01	00 - 01	SYSTEM2: PREAMP B: BRIGHT	00 : OFF 01 : ON
00 00 01 7A	00 00 00 01	00 - 02	SYSTEM2: PREAMP B: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH
00 00 01 7B	00 00 00 01	00 - 01	SYSTEM2: PREAMP B: SOLO SW	00 : OFF 01 : ON
00 00 01 7C	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: SOLO LEVEL	0 - 100
00 00 01 7D	00 00 00 01	00 - 09	SYSTEM2: PREAMP B: SP TYPE	* Refer to Table 'SP TYPE'
00 00 01 7E	00 00 00 01	00 - 04	SYSTEM2: PREAMP B: MIC TYPE	* Refer to Table 'MIC TYPE'
00 00 01 7F	00 00 00 01	00 - 01	SYSTEM2: PREAMP B: MIC DIS	00 : OFF MIC 01 : ON MIC
00 00 02 00	00 00 00 01	00 - 0A	SYSTEM2: PREAMP B: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm
00 00 02 01	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: MIC LEVEL	0 - 100

MIDI Implementation

00 00 02 02	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: DIRECT MIX	0 - 100
00 00 02 03	00 00 00 01	00 - 06	SYSTEM2: PREAMP B: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'
00 00 02 04	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 02 05	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: CUSTOM EDGE	00 - 64 : -50 - +50
00 00 02 08	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: CUSTOM PREAMP LOW	00 - 64 : -50 - +50
00 00 02 09	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50
00 00 02 0A	00 00 00 01	00 - 64	SYSTEM2: PREAMP B: CUSTOM CHAR	00 - 64 : -50 - +50
00 00 02 0B	00 00 00 01	00 - 0A	SYSTEM2: PREAMP B: CUSTOM SP SIZE	00 - 0A : 5" - 15"
00 00 02 0C	00 00 00 01	00 - 14	SYSTEM2: PREAMP B: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10
00 00 02 0D	00 00 00 01	00 - 14	SYSTEM2: PREAMP B: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10
00 00 02 0E	00 00 00 01	00 - 03	SYSTEM2: PREAMP B: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8
00 00 02 0F	00 00 00 01	00 - 01	SYSTEM2: PREAMP B: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE
00 00 02 10	00 00 00 01	00 - 01	SYSTEM3: PREAMP A: ON/OFF	00 : OFF 01 : ON
00 00 02 11	00 00 00 01	00 - 1B	SYSTEM3: PREAMP A: TYPE	* Refer to Table 'PREAMP TYPE'
00 00 02 12	00 00 00 01	00 - 78	SYSTEM3: PREAMP A: GAIN	0 - 120
00 00 02 13	00 00 00 01	00 - 14	SYSTEM3: PREAMP A: T-COMP	00 - 14 : -10 - +10
00 00 02 14	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: BASS	0 - 100
00 00 02 15	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: MIDDLE	0 - 100
00 00 02 16	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: TREBLE	0 - 100
00 00 02 17	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: PRESENCE	0 - 100
00 00 02 18	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: LEVEL	0 - 100
00 00 02 19	00 00 00 01	00 - 01	SYSTEM3: PREAMP A: BRIGHT	00 : OFF 01 : ON
00 00 02 1A	00 00 00 01	00 - 02	SYSTEM3: PREAMP A: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH
00 00 02 1B	00 00 00 01	00 - 01	SYSTEM3: PREAMP A: SOLO SW	00 : OFF 01 : ON
00 00 02 1C	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: SOLO LEVEL	0 - 100
00 00 02 1D	00 00 00 01	00 - 09	SYSTEM3: PREAMP A: SP TYPE	* Refer to Table 'SP TYPE'
00 00 02 1E	00 00 00 01	00 - 04	SYSTEM3: PREAMP A: MIC TYPE	* Refer to Table 'MIC TYPE'
00 00 02 1F	00 00 00 01	00 - 01	SYSTEM3: PREAMP A: MIC DIS	00 : OFF MIC 01 : ON MIC
00 00 02 20	00 00 00 01	00 - 0A	SYSTEM3: PREAMP A: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm
00 00 02 21	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: MIC LEVEL	0 - 100
00 00 02 22	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: DIRECT MIX	0 - 100
00 00 02 23	00 00 00 01	00 - 06	SYSTEM3: PREAMP A: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'
00 00 02 24	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 02 25	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: CUSTOM EDGE	00 - 64 : -50 - +50
00 00 02 28	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: CUSTOM PREAMP LOW	00 - 64 : -50 - +50
00 00 02 29	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50
00 00 02 2A	00 00 00 01	00 - 64	SYSTEM3: PREAMP A: CUSTOM CHAR	00 - 64 : -50 - +50
00 00 02 2B	00 00 00 01	00 - 0A	SYSTEM3: PREAMP A: CUSTOM SP SIZE	00 - 0A : 5" - 15"
00 00 02 2C	00 00 00 01	00 - 14	SYSTEM3: PREAMP A: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10
00 00 02 2D	00 00 00 01	00 - 14	SYSTEM3: PREAMP A: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10
00 00 02 2E	00 00 00 01	00 - 03	SYSTEM3: PREAMP A: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8
00 00 02 2F	00 00 00 01	00 - 01	SYSTEM3: PREAMP A: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE
00 00 02 30	00 00 00 01	00 - 01	SYSTEM3: PREAMP B: ON/OFF	00 : OFF 01 : ON
00 00 02 31	00 00 00 01	00 - 1B	SYSTEM3: PREAMP B: TYPE	* Refer to Table 'PREAMP TYPE'
00 00 02 32	00 00 00 01	00 - 78	SYSTEM3: PREAMP B: GAIN	0 - 120
00 00 02 33	00 00 00 01	00 - 14	SYSTEM3: PREAMP B: T-COMP	00 - 14 : -10 - +10
00 00 02 34	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: BASS	0 - 100
00 00 02 35	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: MIDDLE	0 - 100
00 00 02 36	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: TREBLE	0 - 100
00 00 02 37	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: PRESENCE	0 - 100
00 00 02 38	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: LEVEL	0 - 100
00 00 02 39	00 00 00 01	00 - 01	SYSTEM3: PREAMP B: BRIGHT	00 : OFF 01 : ON
00 00 02 3A	00 00 00 01	00 - 02	SYSTEM3: PREAMP B: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH
00 00 02 3B	00 00 00 01	00 - 01	SYSTEM3: PREAMP B: SOLO SW	00 : OFF 01 : ON
00 00 02 3C	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: SOLO LEVEL	0 - 100
00 00 02 3D	00 00 00 01	00 - 09	SYSTEM3: PREAMP B: SP TYPE	* Refer to Table 'SP TYPE'
00 00 02 3E	00 00 00 01	00 - 04	SYSTEM3: PREAMP B: MIC TYPE	* Refer to Table 'MIC TYPE'
00 00 02 3F	00 00 00 01	00 - 01	SYSTEM3: PREAMP B: MIC DIS	00 : OFF MIC 01 : ON MIC
00 00 02 40	00 00 00 01	00 - 0A	SYSTEM3: PREAMP B: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm
00 00 02 41	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: MIC LEVEL	0 - 100
00 00 02 42	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: DIRECT MIX	0 - 100

00 00 02 43	00 00 00 01	00 - 06	SYSTEM3: PREAMP B: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'
00 00 02 44	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 02 45	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: CUSTOM EDGE	00 - 64 : -50 - +50
00 00 02 48	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: CUSTOM PREAMP LOW	00 - 64 : -50 - +50
00 00 02 49	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50
00 00 02 4A	00 00 00 01	00 - 64	SYSTEM3: PREAMP B: CUSTOM CHAR	00 - 64 : -50 - +50
00 00 02 4B	00 00 00 01	00 - 0A	SYSTEM3: PREAMP B: CUSTOM SP SIZE	00 - 0A : 5" - 15"
00 00 02 4C	00 00 00 01	00 - 14	SYSTEM3: PREAMP B: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10
00 00 02 4D	00 00 00 01	00 - 14	SYSTEM3: PREAMP B: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10
00 00 02 4E	00 00 00 01	00 - 03	SYSTEM3: PREAMP B: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8
00 00 02 4F	00 00 00 01	00 - 01	SYSTEM3: PREAMP B: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE
00 00 02 50	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB1	* Refer to Table 'KNOB SETTING'
00 00 02 52	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB2	* Refer to Table 'KNOB SETTING'
00 00 02 54	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB3	* Refer to Table 'KNOB SETTING'
00 00 02 56	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB4	* Refer to Table 'KNOB SETTING'
00 00 02 58	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB5	* Refer to Table 'KNOB SETTING' *GT-100 only
00 00 02 5A	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB6	* Refer to Table 'KNOB SETTING' *GT-100 only
00 00 02 5C	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB7	* Refer to Table 'KNOB SETTING' *GT-100 only
00 00 02 5E	00 00 00 02	00 00 - 00 52	KNOB SETTING: KNOB8	* Refer to Table 'KNOB SETTING' *GT-100 only
00 00 02 60	00 00 00 01	00 - 26	ACCEL/CTL: FUNC	* Refer to Table 'CTL PEDAL FUNC' *GT-100 only
00 00 02 61	00 00 00 01	00 - 01	ACCEL/CTL: MIN	00 : OFF (STOP) *GT-100 only 01 : ON (START)
00 00 02 62	00 00 00 01	00 - 01	ACCEL/CTL: MAX	00 : OFF (STOP) *GT-100 only 01 : ON (START)
00 00 02 63	00 00 00 01	00 - 01	ACCEL/CTL: SOURCE MODE	00 : MOMENT *GT-100 only 01 : TOGGLE
00 00 02 64	00 00 00 01	00 - 26	EXP SW: FUNC	* Refer to Table 'CTL PEDAL FUNC' * GT-100 only
00 00 02 65	00 00 00 01	00 - 01	EXP SW: MIN	00 : OFF (STOP) * GT-100 only 01 : ON (START)
00 00 02 66	00 00 00 01	00 - 01	EXP SW: MAX	00 : OFF (STOP) * GT-100 only 01 : ON (START)
00 00 02 67	00 00 00 01	00 - 01	EXP SW: SOURCE MODE	00 : MOMENT * GT-100 only 01 : TOGGLE
00 00 02 68	00 00 00 01	00 - 26	SUB CTL1: FUNC	* Refer to Table 'CTL PEDAL FUNC'
00 00 02 69	00 00 00 01	00 - 01	SUB CTL1: MIN	00 : OFF (STOP) * CTL1 on GT-001 01 : ON (START)
00 00 02 6A	00 00 00 01	00 - 01	SUB CTL1: MAX	00 : OFF (STOP) * CTL1 on GT-001 01 : ON (START)
00 00 02 6B	00 00 00 01	00 - 01	SUB CTL1: SOURCE MODE	00 : MOMENT * CTL1 on GT-001 01 : TOGGLE
00 00 02 6C	00 00 00 01	00 - 26	SUB CTL2: FUNC	* Refer to Table 'CTL PEDAL FUNC' * CTL2 on GT-001
00 00 02 6D	00 00 00 01	00 - 01	SUB CTL2: MIN	00 : OFF (STOP) * CTL2 on GT-001 01 : ON (START)
00 00 02 6E	00 00 00 01	00 - 01	SUB CTL2: MAX	00 : OFF (STOP) * CTL2 on GT-001 01 : ON (START)
00 00 02 6F	00 00 00 01	00 - 01	SUB CTL2: SOURCE MODE	00 : MOMENT * CTL2 on GT-001 01 : TOGGLE
00 00 02 70	00 00 00 01	00 - 06	EXP: FUNC	00 : OFF 01 : FOOT VOLUME 02 : PEDAL BEND 03 : WAH 04 : PB/FV 05 : WAH/FV 06 : PATCH LEVEL
00 00 02 71	00 00 00 01	00 - 64	EXP: PATCH LEVEL MIN	00 - 64 : 0 - 200
00 00 02 72	00 00 00 01	00 - 64	EXP: PATCH LEVEL MAX	00 - 64 : 0 - 200
00 00 02 73	00 00 00 01	00 - 01	SUB EXP: FUNC	00 : OFF * GT-100 only 01 : FOOT VOLUME
00 00 02 74	00 00 00 01	00 - 64	SUB EXP: PATCH LEVEL MIN	00 - 64 : 0 - 200 * GT-100 only
00 00 02 75	00 00 00 01	00 - 64	SUB EXP: PATCH LEVEL MAX	00 - 64 : 0 - 200 * GT-100 only
00 00 03 00	00 00 00 01	00 - 01	GTR TO MIDI: SW	00 : OFF 01 : ON
00 00 03 01	00 00 00 01	00 - 01	GTR TO MIDI: MODE	00 : MULTI 00 : SINGLE
00 00 03 02	00 00 00 01	01 - 18	GTR TO MIDI: BENDRANGE	01 - 18 : 1 - 24
00 00 03 03	00 00 00 01	00 - 01	GTR TO MIDI: BENDTHIN	00 : OFF 01 : ON
00 00 03 04	00 00 00 01	00 - 05	GTR TO MIDI: PLAYFEEL	00 : FEEL1 01 : FEEL2 02 : FEEL3 03 : FEEL4 04 : NO DYNAMICS 05 : STRUM

MIDI Implementation

00 00 03 05	00 00 00 01	00 - 03	GTR TO MIDI CHROMATIC	00 : OFF 01 : TYPE1 02 : TYPE2 03 : TYPE3	
00 00 03 10	00 00 00 02	00 00 - 03 0F	Favorite 1 patch No.	* Refer to Table 'PATCH NUM'	* GT-001 only
00 00 03 12	00 00 00 02	00 00 - 03 0F	Favorite 2 patch No.	* Refer to Table 'PATCH NUM'	* GT-001 only
00 00 03 14	00 00 00 02	00 00 - 03 0F	Favorite 3 patch No.	* Refer to Table 'PATCH NUM'	* GT-001 only
00 00 03 16	00 00 00 02	00 00 - 03 0F	Favorite 4 patch No.	* Refer to Table 'PATCH NUM'	* GT-001 only
00 00 03 20	00 00 00 02	00 00 - 03 0F	PRM_SYS_PATCH_EXT_MIN	* Refer to Table 'PATCH NUM'	* GT-001 only
00 00 03 22	00 00 00 02	00 00 - 03 0F	PRM_SYS_PATCH_EXT_MAX	* Refer to Table 'PATCH NUM'	* GT-001 only
00 00 03 24	00 00 00 01	00 - 01	NUM12 pedal func	00 : OFF 01 : TUNER	* GT-100 only
00 00 03 25	00 00 00 01	00 - 01	Polyphonic Tuner select	00 : MONOPHONIC TUNER 01 : POLYPHONIC TUNER	* GT-100 only
00 00 03 26	00 00 00 01	00 - 01	Polyphonic Tuner Type	00 : REGULAR 01 : DROP D	* GT-100 only
00 00 03 27	00 00 00 01	00 - 0A	Polyphonic Tuner Offset	00 - 0A : -5 - +5	* GT-100 only

Table 'MIDI'

Address(H)	Size(H)	Data(H)	Parameter	Description	
00 02 00 00	00 00 00 01	00 - 0F	MIDI SETTING: RX CHANNEL	00 - 0F : 1 - 16	
00 02 00 01	00 00 00 01	00 - 01	MIDI SETTING: OMNI MODE	00 : OFF 01 : ON	
00 02 00 02	00 00 00 01	00 - 10	MIDI SETTING: TX CHANNEL	00 - 0F : 1 - 16 10 : RX	
00 02 00 03	00 00 00 01	00 - 01	MIDI SETTING: SYNC CLOCK	00 : AUTO 01 : INTERNAL	
00 02 00 04	00 00 00 01	00 - 01	MIDI SETTING: MIDI IN SELECT	00 : USB (AUTO) 01 : MIDI	* GT-100 only
00 02 00 05	00 00 00 01	00 - 01	MIDI SETTING: PC OUT	00 : OFF 01 : ON	
00 02 00 06	00 00 00 01	00 - 3F	MIDI SETTING: PH.LOOP OUT	00 : OFF 01 - 1F : CC# 1 - CC#31 20 - 3F : CC#64 - CC#95	* GT-100 only
00 02 00 07	00 00 00 01	00 - 3F	MIDI SETTING: ACC/CTL OUT	00 : OFF 01 - 1F : CC# 1 - CC#31 20 - 3F : CC#64 - CC#95	* GT-100 only
00 02 00 08	00 00 00 01	00 - 3F	MIDI SETTING: EXP OUT	00 : OFF 01 - 1F : CC# 1 - CC#31 20 - 3F : CC#64 - CC#95	
00 02 00 09	00 00 00 01	00 - 3F	MIDI SETTING: EXP SW OUT	00 : OFF 01 - 1F : CC# 1 - CC#31 20 - 3F : CC#64 - CC#95	* GT-100 only
00 02 00 0A	00 00 00 01	00 - 3F	MIDI SETTING: SUB CTL1 OUT	00 : OFF 01 - 1F : CC# 1 - CC#31 20 - 3F : CC#64 - CC#95	* C1 OUT on GT-001
00 02 00 0B	00 00 00 01	00 - 3F	MIDI SETTING: SUB CTL2 OUT	00 : OFF 01 - 1F : CC# 1 - CC#31 20 - 3F : CC#64 - CC#95	* C2 OUT on GT-001
00 02 00 0C	00 00 00 01	00 - 3F	MIDI SETTING: SUB EXP OUT	00 : OFF 01 - 1F : CC# 1 - CC#31 20 - 3F : CC#64 - CC#95	*GT-100 only
00 02 00 0D	00 00 00 01	00 - 01	MIDI SETTING: MAP SELECT	00 : FIX 01 : PROG	
00 02 00 0E	00 00 00 01	00 - 01	MIDI SETTING: MIDI OUT SELECT	00 : BOTH 01 : USB	*GT-100 only
00 02 01 00	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 1	* Refer to Table 'PATCH NUM'	
00 02 01 02	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 2	* Refer to Table 'PATCH NUM'	
00 02 01 04	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 3	* Refer to Table 'PATCH NUM'	
00 02 01 06	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 4	* Refer to Table 'PATCH NUM'	
00 02 01 08	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 5	* Refer to Table 'PATCH NUM'	
00 02 01 0A	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 6	* Refer to Table 'PATCH NUM'	
00 02 01 0C	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 7	* Refer to Table 'PATCH NUM'	
00 02 01 0E	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 8	* Refer to Table 'PATCH NUM'	
00 02 01 10	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 9	* Refer to Table 'PATCH NUM'	
00 02 01 12	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 10	* Refer to Table 'PATCH NUM'	
00 02 01 14	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 11	* Refer to Table 'PATCH NUM'	
00 02 01 16	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 12	* Refer to Table 'PATCH NUM'	
00 02 01 18	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 13	* Refer to Table 'PATCH NUM'	
00 02 01 1A	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 14	* Refer to Table 'PATCH NUM'	
00 02 01 1C	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 15	* Refer to Table 'PATCH NUM'	
00 02 01 1E	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 16	* Refer to Table 'PATCH NUM'	
00 02 01 20	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 17	* Refer to Table 'PATCH NUM'	
00 02 01 22	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 18	* Refer to Table 'PATCH NUM'	
00 02 01 24	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 19	* Refer to Table 'PATCH NUM'	
00 02 01 26	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 20	* Refer to Table 'PATCH NUM'	
00 02 01 28	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 21	* Refer to Table 'PATCH NUM'	
00 02 01 2A	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 22	* Refer to Table 'PATCH NUM'	
00 02 01 2C	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 23	* Refer to Table 'PATCH NUM'	
00 02 01 2E	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 24	* Refer to Table 'PATCH NUM'	
00 02 01 30	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 25	* Refer to Table 'PATCH NUM'	
00 02 01 32	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 26	* Refer to Table 'PATCH NUM'	
00 02 01 34	00 00 00 02	00 00 - 03 0F	MIDI PROGRAM CHG MAP: BANKO: PC# 27	* Refer to Table 'PATCH NUM'	

MIDI Implementation

00 00 00 30	00 00 00 01	00 - 01	OD/DS: ON/OFF	00 : OFF 01 : ON
00 00 00 31	00 00 00 01	00 - 16	OD/DS: TYPE	* Refer to Table 'OD/DS TYPE'
00 00 00 32	00 00 00 01	00 - 78	OD/DS: DRIVE	0 - 120
00 00 00 33	00 00 00 01	00 - 64	OD/DS: BOTTOM	00 - 64 : -50 - +50
00 00 00 34	00 00 00 01	00 - 64	OD/DS: TONE	00 - 64 : -50 - +50
00 00 00 35	00 00 00 01	00 - 01	OD/DS: SOLO SW	00 : OFF 01 : ON
00 00 00 36	00 00 00 01	00 - 64	OD/DS: SOLO LEVEL	0 - 100
00 00 00 37	00 00 00 01	00 - 64	OD/DS: EFFECT LEVEL	0 - 100
00 00 00 38	00 00 00 01	00 - 64	OD/DS: DIRECT MIX	0 - 100
00 00 00 39	00 00 00 01	00 - 07	OD/DS: CUSTOM TYPE	* Refer to Table 'CUSTOM OD/DS TYPE'
00 00 00 3A	00 00 00 01	00 - 64	OD/DS: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 00 3B	00 00 00 01	00 - 64	OD/DS: CUSTOM TOP	00 - 64 : -50 - +50
00 00 00 3C	00 00 00 01	00 - 64	OD/DS: CUSTOM LOW	00 - 64 : -50 - +50
00 00 00 3D	00 00 00 01	00 - 64	OD/DS: CUSTOM HIGH	00 - 64 : -50 - +50
00 00 00 3E	00 00 00 01	00 - 64	OD/DS: CUSTOM CHARACTER	00 - 64 : -50 - +50
00 00 00 50	00 00 00 01	00 - 01	PREAMP A: ON/OFF	00 : OFF 01 : ON
00 00 00 51	00 00 00 01	00 - 1B	PREAMP A: TYPE	* Refer to Table 'PREAMP TYPE'
00 00 00 52	00 00 00 01	00 - 78	PREAMP A: GAIN	0 - 120
00 00 00 53	00 00 00 01	00 - 14	PREAMP A: T-COMP	00 - 14 : -10 - +10
00 00 00 54	00 00 00 01	00 - 64	PREAMP A: BASS	0 - 100
00 00 00 55	00 00 00 01	00 - 64	PREAMP A: MIDDLE	0 - 100
00 00 00 56	00 00 00 01	00 - 64	PREAMP A: TREBLE	0 - 100
00 00 00 57	00 00 00 01	00 - 64	PREAMP A: PRESENCE	0 - 100
00 00 00 58	00 00 00 01	00 - 64	PREAMP A: LEVEL	0 - 100
00 00 00 59	00 00 00 01	00 - 01	PREAMP A: BRIGHT	00 : OFF 01 : ON
00 00 00 5A	00 00 00 01	00 - 02	PREAMP A: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH
00 00 00 5B	00 00 00 01	00 - 01	PREAMP A: SOLO SW	00 : OFF 01 : ON
00 00 00 5C	00 00 00 01	00 - 64	PREAMP A: SOLO LEVEL	0 - 100
00 00 00 5D	00 00 00 01	00 - 09	PREAMP A: SP TYPE	* Refer to Table 'SP TYPE'
00 00 00 5E	00 00 00 01	00 - 04	PREAMP A: MIC TYPE	* Refer to Table 'MIC TYPE'
00 00 00 5F	00 00 00 01	00 - 01	PREAMP A: MIC DIS	00 : OFF MIC 01 : ON MIC
00 00 00 60	00 00 00 01	00 - 0A	PREAMP A: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm
00 00 00 61	00 00 00 01	00 - 64	PREAMP A: MIC LEVEL	0 - 100
00 00 00 62	00 00 00 01	00 - 64	PREAMP A: DIRECT MIX	0 - 100
00 00 00 63	00 00 00 01	00 - 06	PREAMP A: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'
00 00 00 64	00 00 00 01	00 - 64	PREAMP A: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 00 65	00 00 00 01	00 - 64	PREAMP A: CUSTOM EDGE	00 - 64 : -50 - +50
00 00 00 68	00 00 00 01	00 - 64	PREAMP A: CUSTOM PREAMP LOW	00 - 64 : -50 - +50
00 00 00 69	00 00 00 01	00 - 64	PREAMP A: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50
00 00 00 6A	00 00 00 01	00 - 64	PREAMP A: CUSTOM CHAR	00 - 64 : -50 - +50
00 00 00 6B	00 00 00 01	00 - 0A	PREAMP A: CUSTOM SP SIZE	00 - 0A : 5" - 15"
00 00 00 6C	00 00 00 01	00 - 14	PREAMP A: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10
00 00 00 6D	00 00 00 01	00 - 14	PREAMP A: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10
00 00 00 6E	00 00 00 01	00 - 03	PREAMP A: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8
00 00 00 6F	00 00 00 01	00 - 01	PREAMP A: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE
00 00 01 00	00 00 00 01	00 - 01	PREAMP B: ON/OFF	00 : OFF 01 : ON
00 00 01 01	00 00 00 01	00 - 1B	PREAMP B: TYPE	* Refer to Table 'PREAMP TYPE'
00 00 01 02	00 00 00 01	00 - 78	PREAMP B: GAIN	0 - 120
00 00 01 03	00 00 00 01	00 - 14	PREAMP B: T-COMP	00 - 14 : -10 - +10
00 00 01 04	00 00 00 01	00 - 64	PREAMP B: BASS	0 - 100
00 00 01 05	00 00 00 01	00 - 64	PREAMP B: MIDDLE	0 - 100
00 00 01 06	00 00 00 01	00 - 64	PREAMP B: TREBLE	0 - 100
00 00 01 07	00 00 00 01	00 - 64	PREAMP B: PRESENCE	0 - 100
00 00 01 08	00 00 00 01	00 - 64	PREAMP B: LEVEL	0 - 100
00 00 01 09	00 00 00 01	00 - 01	PREAMP B: BRIGHT	00 : OFF 01 : ON
00 00 01 0A	00 00 00 01	00 - 02	PREAMP B: GAIN SW	00 : LOW 01 : MIDDLE 02 : HIGH
00 00 01 0B	00 00 00 01	00 - 01	PREAMP B: SOLO SW	00 : OFF 01 : ON
00 00 01 0C	00 00 00 01	00 - 64	PREAMP B: SOLO LEVEL	0 - 100
00 00 01 0D	00 00 00 01	00 - 09	PREAMP B: SP TYPE	* Refer to Table 'SP TYPE'
00 00 01 0E	00 00 00 01	00 - 04	PREAMP B: MIC TYPE	* Refer to Table 'MIC TYPE'
00 00 01 0F	00 00 00 01	00 - 01	PREAMP B: MIC DIS	00 : OFF MIC 01 : ON MIC
00 00 01 10	00 00 00 01	00 - 0A	PREAMP B: MIC POS	00 : CENTER 01 - 0A : 1 - 10cm
00 00 01 11	00 00 00 01	00 - 64	PREAMP B: MIC LEVEL	0 - 100

00 00 01 12	00 00 00 01	00 - 64	PREAMP B: DIRECT MIX	0 - 100
00 00 01 13	00 00 00 01	00 - 06	PREAMP B: CUSTOM TYPE	* Refer to Table 'CUSTOM AMP TYPE'
00 00 01 14	00 00 00 01	00 - 64	PREAMP B: CUSTOM BOTTOM	00 - 64 : -50 - +50
00 00 01 15	00 00 00 01	00 - 64	PREAMP B: CUSTOM EDGE	00 - 64 : -50 - +50
00 00 01 18	00 00 00 01	00 - 64	PREAMP B: CUSTOM PREAMP LOW	00 - 64 : -50 - +50
00 00 01 19	00 00 00 01	00 - 64	PREAMP B: CUSTOM PREAMP HIGH	00 - 64 : -50 - +50
00 00 01 1A	00 00 00 01	00 - 64	PREAMP B: CUSTOM CHAR	00 - 64 : -50 - +50
00 00 01 1B	00 00 00 01	00 - 0A	PREAMP B: CUSTOM SP SIZE	00 - 0A : 5" - 15"
00 00 01 1C	00 00 00 01	00 - 14	PREAMP B: CUSTOM SP COLOR LOW	00 - 14 : -10 - +10
00 00 01 1D	00 00 00 01	00 - 14	PREAMP B: CUSTOM SP COLOR HIGH	00 - 14 : -10 - +10
00 00 01 1E	00 00 00 01	00 - 03	PREAMP B: CUSTOM SP NUM	00 : x1 01 : x2 02 : x4 03 : x8
00 00 01 1F	00 00 00 01	00 - 01	PREAMP B: CUSTOM SP CABINET	00 : OPEN 01 : CLOSE
00 00 01 30	00 00 00 01	00 - 01	EQ: ON/OFF	00 : OFF 01 : ON
00 00 01 31	00 00 00 01	00 - 11	EQ: LOW CUT	* Refer to Table 'LOW FREQ'
00 00 01 32	00 00 00 01	00 - 28	EQ: LOW GAIN	00 - 28 : -20dB - +20dB
00 00 01 33	00 00 00 01	00 - 1B	EQ: LOW-MID FREQ	* Refer to Table 'MID FREQ'
00 00 01 34	00 00 00 01	00 - 05	EQ: LOW-MID Q	* Refer to Table 'MID Q'
00 00 01 35	00 00 00 01	00 - 28	EQ: LOW-MID GAIN	00 - 28 : -20dB - +20dB
00 00 01 36	00 00 00 01	00 - 1B	EQ: HIGH-MID FREQ	* Refer to Table 'MID FREQ'
00 00 01 37	00 00 00 01	00 - 05	EQ: HIGH-MID Q	* Refer to Table 'MID Q'
00 00 01 38	00 00 00 01	00 - 28	EQ: HIGH-MID GAIN	00 - 28 : -20dB - +20dB
00 00 01 39	00 00 00 01	00 - 28	EQ: HIGH GAIN	00 - 28 : -20dB - +20dB
00 00 01 3A	00 00 00 01	00 - 0E	EQ: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 01 3B	00 00 00 01	00 - 28	EQ: LEVEL	00 - 28 : -20dB - +20dB
00 00 01 40	00 00 00 01	00 - 01	FX1: ON/OFF	00 : OFF 01 : ON
00 00 01 41	00 00 00 01	00 - 21	FX1: FX TYPE	* Refer to Table 'FX TYPE'
00 00 01 42	00 00 00 01	00 - 14	FX1: SUB OD/DS: TYPE	* Refer to Table 'SUB OD/DS TYPE'
00 00 01 43	00 00 00 01	00 - 78	FX1: SUB OD/DS: DRIVE	0 - 120
00 00 01 44	00 00 00 01	00 - 64	FX1: SUB OD/DS: BOTTOM	00 - 64 : -50 - +50
00 00 01 45	00 00 00 01	00 - 64	FX1: SUB OD/DS: TONE	00 - 64 : -50 - +50
00 00 01 46	00 00 00 01	00 - 01	FX1: SUB OD/DS: SOLO SW	00 : OFF 01 : ON
00 00 01 47	00 00 00 01	00 - 64	FX1: SUB OD/DS: SOLO LEVEL	0 - 100
00 00 01 48	00 00 00 01	00 - 64	FX1: SUB OD/DS: EFFECT LEVEL	0 - 100
00 00 01 49	00 00 00 01	00 - 64	FX1: SUB OD/DS: DIRECT MIX	0 - 100
00 00 01 4C	00 00 00 01	00 - 01	FX1: T.WAH: MODE	00 : LPF 01 : BPF
00 00 01 4D	00 00 00 01	00 - 01	FX1: T.WAH: POLAR	00 : DOWN 01 : UP
00 00 01 4E	00 00 00 01	00 - 64	FX1: T.WAH: SENS	0 - 100
00 00 01 4F	00 00 00 01	00 - 64	FX1: T.WAH: FREQ	0 - 100
00 00 01 50	00 00 00 01	00 - 64	FX1: T.WAH: PEAK	0 - 100
00 00 01 51	00 00 00 01	00 - 64	FX1: T.WAH: DIRECT MIX	0 - 100
00 00 01 52	00 00 00 01	00 - 64	FX1: T.WAH: EFFECT LEVEL	0 - 100
00 00 01 54	00 00 00 01	00 - 01	FX1: AUTO WAH: MODE	00 : LPF 01 : BPF
00 00 01 55	00 00 00 01	00 - 64	FX1: AUTO WAH: FREQ	0 - 100
00 00 01 56	00 00 00 01	00 - 64	FX1: AUTO WAH: PEAK	0 - 100
00 00 01 57	00 00 00 01	00 - 71	FX1: AUTO WAH: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 01 58	00 00 00 01	00 - 64	FX1: AUTO WAH: DEPTH	0 - 100
00 00 01 59	00 00 00 01	00 - 64	FX1: AUTO WAH: DIRECT MIX	0 - 100
00 00 01 5A	00 00 00 01	00 - 64	FX1: AUTO WAH: EFFECT LEVEL	0 - 100
00 00 01 5C	00 00 00 01	00 - 05	FX1: SUB WAH: TYPE	00 : CRY WAH 01 : VO WAH 02 : FAT WAH 03 : LIGHT WAH 04 : 7STRING WAH 05 : RESO WAH
00 00 01 5D	00 00 00 01	00 - 64	FX1: SUB WAH: PEDAL POS	0 - 100
00 00 01 5E	00 00 00 01	00 - 64	FX1: SUB WAH: PEDAL MIN	0 - 100
00 00 01 5F	00 00 00 01	00 - 64	FX1: SUB WAH: PEDAL MAX	0 - 100
00 00 01 60	00 00 00 01	00 - 64	FX1: SUB WAH: EFFECT LEVEL	0 - 100
00 00 01 61	00 00 00 01	00 - 64	FX1: SUB WAH: DIRECT MIX	0 - 100
00 00 01 63	00 00 00 01	00 - 07	FX1: ADV.COMP: TYPE	00 : BOSS COMP 01 : HI-BAND 02 : LIGHT 03 : D-COMP 04 : ORANGE 05 : FAT 06 : MILD 07 : STEREO COMP
00 00 01 64	00 00 00 01	00 - 64	FX1: ADV.COMP: SUSTAIN	0 - 100
00 00 01 65	00 00 00 01	00 - 64	FX1: ADV.COMP: ATTACK	0 - 100
00 00 01 66	00 00 00 01	00 - 64	FX1: ADV.COMP: TONE	00 - 64 : -50 - +50
00 00 01 67	00 00 00 01	00 - 64	FX1: ADV.COMP: LEVEL	0 - 100
00 00 01 69	00 00 00 01	00 - 02	FX1: LIMITER: TYPE	00 : BOSS LIMITER 01 : RACK 160D 02 : VTG RACK U

MIDI Implementation

00 00 01 6A	00 00 00 01	00 - 64	FX1: LIMITER: ATTACK	0 - 100
00 00 01 6B	00 00 00 01	00 - 64	FX1: LIMITER: THRESH	0 - 100
00 00 01 6C	00 00 00 01	00 - 11	FX1: LIMITER: RATIO	* Refer to Table 'LIMITER RATIO'
00 00 01 6D	00 00 00 01	00 - 64	FX1: LIMITER: RELEASE	0 - 100
00 00 01 6E	00 00 00 01	00 - 64	FX1: LIMITER: LEVEL	0 - 100
00 00 01 70	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 31Hz	00 - 28 : -20dB - +20dB
00 00 01 71	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 62Hz	00 - 28 : -20dB - +20dB
00 00 01 72	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 125Hz	00 - 28 : -20dB - +20dB
00 00 01 73	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 250Hz	00 - 28 : -20dB - +20dB
00 00 01 74	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 500Hz	00 - 28 : -20dB - +20dB
00 00 01 75	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 1kHz	00 - 28 : -20dB - +20dB
00 00 01 76	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 2kHz	00 - 28 : -20dB - +20dB
00 00 01 77	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 4kHz	00 - 28 : -20dB - +20dB
00 00 01 78	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 8kHz	00 - 28 : -20dB - +20dB
00 00 01 79	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: 16kHz	00 - 28 : -20dB - +20dB
00 00 01 7A	00 00 00 01	00 - 28	FX1: GRAPHIC EQ: LEVEL	00 - 28 : -20dB - +20dB
00 00 01 7C	00 00 00 01	00 - 11	FX1: PARAMETRIC EQ: LOW CUT	* Refer to Table 'LOW FREQ'
00 00 01 7D	00 00 00 01	00 - 28	FX1: PARAMETRIC EQ: LOW GAIN	00 - 28 : -20dB - +20dB
00 00 01 7E	00 00 00 01	00 - 1B	FX1: PARAMETRIC EQ: LOW-MID FREQ	* Refer to Table 'MID FREQ'
00 00 01 7F	00 00 00 01	00 - 05	FX1: PARAMETRIC EQ: LOW-MID Q	* Refer to Table 'MID Q'
00 00 02 00	00 00 00 01	00 - 28	FX1: PARAMETRIC EQ: LOW-MID GAIN	00 - 28 : -20dB - +20dB
00 00 02 01	00 00 00 01	00 - 1B	FX1: PARAMETRIC EQ: HIGH-MID FREQ	* Refer to Table 'MID FREQ'
00 00 02 02	00 00 00 01	00 - 05	FX1: PARAMETRIC EQ: HIGH-MID Q	* Refer to Table 'MID Q'
00 00 02 03	00 00 00 01	00 - 28	FX1: PARAMETRIC EQ: HIGH-MID GAIN	00 - 28 : -20dB - +20dB
00 00 02 04	00 00 00 01	00 - 28	FX1: PARAMETRIC EQ: HIGH GAIN	00 - 28 : -20dB - +20dB
00 00 02 05	00 00 00 01	00 - 0E	FX1: PARAMETRIC EQ: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 02 06	00 00 00 01	00 - 28	FX1: PARAMETRIC EQ: LEVEL	00 - 28 : -20dB - +20dB
00 00 02 08	00 00 00 01	00 - 07	FX1: TONE MODIFY: TYPE	00 : FAT 01 : PRESENCE 02 : MILD 03 : TIGHT 04 : ENHANCE 05 : RESONATOR1 06 : RESONATOR2 07 : RESONATOR3
00 00 02 09	00 00 00 01	00 - 64	FX1: TONE MODIFY: RESO	0 - 100
00 00 02 0A	00 00 00 01	00 - 64	FX1: TONE MODIFY: LOW	00 - 64 : -50 - +50
00 00 02 0B	00 00 00 01	00 - 64	FX1: TONE MODIFY: HIGH	00 - 64 : -50 - +50
00 00 02 0C	00 00 00 01	00 - 64	FX1: TONE MODIFY: LEVEL	0 - 100
00 00 02 0E	00 00 00 01	00 - 07	FX1: GUITAR SIM: TYPE	00 : S -> H 01 : H -> S 02 : H -> HF 03 : S -> HOLLOW 04 : H -> HOLLOW 05 : S -> AC 06 : H -> AC 07 : P -> AC
00 00 02 0F	00 00 00 01	00 - 64	FX1: GUITAR SIM: LOW	00 - 64 : -50 - +50
00 00 02 10	00 00 00 01	00 - 64	FX1: GUITAR SIM: HIGH	00 - 64 : -50 - +50
00 00 02 11	00 00 00 01	00 - 64	FX1: GUITAR SIM: LEVEL	0 - 100
00 00 02 12	00 00 00 01	00 - 64	FX1: GUITAR SIM: BODY	0 - 100
00 00 02 14	00 00 00 01	00 - 64	FX1: SLOW GEAR: SENS	0 - 100
00 00 02 15	00 00 00 01	00 - 64	FX1: SLOW GEAR: RISE TIME	0 - 100
00 00 02 16	00 00 00 01	00 - 64	FX1: SLOW GEAR: LEVEL	0 - 100
00 00 02 18	00 00 00 01	00 - 64	FX1: DEFRETTER: TONE	00 - 64 : -50 - +50
00 00 02 19	00 00 00 01	00 - 64	FX1: DEFRETTER: SENS	0 - 100
00 00 02 1A	00 00 00 01	00 - 64	FX1: DEFRETTER: ATTACK	0 - 100
00 00 02 1B	00 00 00 01	00 - 64	FX1: DEFRETTER: DEPTH	0 - 100
00 00 02 1C	00 00 00 01	00 - 64	FX1: DEFRETTER: RESO	0 - 100
00 00 02 1D	00 00 00 01	00 - 64	FX1: DEFRETTER: EFFECT LEVEL	0 - 100
00 00 02 1E	00 00 00 01	00 - 64	FX1: DEFRETTER: DIRECT MIX	0 - 100
00 00 02 20	00 00 00 01	00 - 01	FX1: WAVE SYNTH: WAVE	00 : SAW 01 : SQUARE
00 00 02 21	00 00 00 01	00 - 64	FX1: WAVE SYNTH: CUTOFF	0 - 100
00 00 02 22	00 00 00 01	00 - 64	FX1: WAVE SYNTH: RESO	0 - 100
00 00 02 23	00 00 00 01	00 - 64	FX1: WAVE SYNTH: FILTER SENS	0 - 100
00 00 02 24	00 00 00 01	00 - 64	FX1: WAVE SYNTH: FILTER DECAY	0 - 100
00 00 02 25	00 00 00 01	00 - 64	FX1: WAVE SYNTH: FILTER DEPTH	0 - 100
00 00 02 26	00 00 00 01	00 - 64	FX1: WAVE SYNTH: SYNTH LEVEL	0 - 100
00 00 02 27	00 00 00 01	00 - 64	FX1: WAVE SYNTH: DIRECT MIX	0 - 100
00 00 02 29	00 00 00 01	00 - 64	FX1: SITAR SIM: TONE	00 - 64 : -50 - +50
00 00 02 2A	00 00 00 01	00 - 64	FX1: SITAR SIM: SENS	0 - 100
00 00 02 2B	00 00 00 01	00 - 64	FX1: SITAR SIM: DEPTH	0 - 100
00 00 02 2C	00 00 00 01	00 - 64	FX1: SITAR SIM: RESO	0 - 100
00 00 02 2D	00 00 00 01	00 - 64	FX1: SITAR SIM: BUZZ	0 - 100
00 00 02 2E	00 00 00 01	00 - 64	FX1: SITAR SIM: EFFECT LEVEL	0 - 100
00 00 02 2F	00 00 00 01	00 - 64	FX1: SITAR SIM: DIRECT MIX	0 - 100
00 00 02 31	00 00 00 01	00 - 03	FX1: OCTAVE: RANGE	00 : RANGE1 (B1 - E6) 01 : RANGE1 (B1 - E5) 02 : RANGE1 (B1 - E4) 03 : RANGE1 (B1 - E3)
00 00 02 32	00 00 00 01	00 - 64	FX1: OCTAVE: LEVEL	0 - 100
00 00 02 33	00 00 00 01	00 - 64	FX1: OCTAVE: DIRECT MIX	0 - 100
00 00 02 35	00 00 00 01	00 - 02	FX1: PITCH SHIFTER: VOICE	00 : 1-VOICE 01 : 2-MONO 02 : 2-STEREO
00 00 02 36	00 00 00 01	00 - 03	FX1: PITCH SHIFTER: PS1:MODE	00 : FAST 01 : MEDIUM 02 : SLOW 03 : MONO
00 00 02 37	00 00 00 01	00 - 30	FX1: PITCH SHIFTER: PS1:PITCH	00 - 30 : -24 - +24

00 00 02 38	00 00 00 01	00 - 64	FX1: PITCH SHIFTER: PS1:FINE	00 - 64 : -50 - +50
00 00 02 39	00 00 00 02	00 00 - 02 33	FX1: PITCH SHIFTER: PS1:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 02 3B	00 00 00 01	00 - 64	FX1: PITCH SHIFTER: PS1:LEVEL	0 - 100
00 00 02 3C	00 00 00 01	00 - 03	FX1: PITCH SHIFTER: PS2:MODE	00 : FAST 01 : MEDIUM 02 : SLOW 03 : MONO
00 00 02 3D	00 00 00 01	00 - 30	FX1: PITCH SHIFTER: PS2:PITCH	00 - 30 : -24 - +24
00 00 02 3E	00 00 00 01	00 - 64	FX1: PITCH SHIFTER: PS2:FINE	00 - 64 : -50 - +50
00 00 02 3F	00 00 00 02	00 00 - 02 33	FX1: PITCH SHIFTER: PS2:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 02 41	00 00 00 01	00 - 64	FX1: PITCH SHIFTER: PS2:LEVEL	0 - 100
00 00 02 42	00 00 00 01	00 - 64	FX1: PITCH SHIFTER: PS1:F.BACK	0 - 100
00 00 02 43	00 00 00 01	00 - 64	FX1: PITCH SHIFTER: DIRECT MIX	0 - 100
00 00 02 45	00 00 00 01	00 - 02	FX1: HARMONIST: VOICE	00 : 1-VOICE 01 : 2-MONO 02 : 2-STEREO
00 00 02 46	00 00 00 01	00 - 1D	FX1: HARMONIST: HR1:HARM	* Refer to Table 'HARMONY'
00 00 02 47	00 00 00 02	00 00 - 02 33	FX1: HARMONIST: HR1:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 02 49	00 00 00 01	00 - 64	FX1: HARMONIST: HR1:LEVEL	0 - 100
00 00 02 4A	00 00 00 01	00 - 1D	FX1: HARMONIST: HR2:HARM	* Refer to Table 'HARMONY'
00 00 02 4B	00 00 00 02	00 00 - 02 33	FX1: HARMONIST: HR2:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 02 4D	00 00 00 01	00 - 64	FX1: HARMONIST: HR2:LEVEL	0 - 100
00 00 02 4E	00 00 00 01	00 - 64	FX1: HARMONIST: HR1:F.BACK	0 - 100
00 00 02 4F	00 00 00 01	00 - 64	FX1: HARMONIST: DIRECT MIX	0 - 100
00 00 02 50	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:C	00 - 30 : -24 - +24
00 00 02 51	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:Db	00 - 30 : -24 - +24
00 00 02 52	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:D	00 - 30 : -24 - +24
00 00 02 53	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:Eb	00 - 30 : -24 - +24
00 00 02 54	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:E	00 - 30 : -24 - +24
00 00 02 55	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:F	00 - 30 : -24 - +24
00 00 02 56	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:F#	00 - 30 : -24 - +24
00 00 02 57	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:G	00 - 30 : -24 - +24
00 00 02 58	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:Ab	00 - 30 : -24 - +24
00 00 02 59	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:A	00 - 30 : -24 - +24
00 00 02 5A	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:Bb	00 - 30 : -24 - +24
00 00 02 5B	00 00 00 01	00 - 30	FX1: HARMONIST: HR1:B	00 - 30 : -24 - +24
00 00 02 5C	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:C	00 - 30 : -24 - +24
00 00 02 5D	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:Db	00 - 30 : -24 - +24
00 00 02 5E	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:D	00 - 30 : -24 - +24
00 00 02 5F	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:Eb	00 - 30 : -24 - +24
00 00 02 60	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:E	00 - 30 : -24 - +24
00 00 02 61	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:F	00 - 30 : -24 - +24
00 00 02 62	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:F#	00 - 30 : -24 - +24
00 00 02 63	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:G	00 - 30 : -24 - +24
00 00 02 64	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:Ab	00 - 30 : -24 - +24
00 00 02 65	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:A	00 - 30 : -24 - +24
00 00 02 66	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:Bb	00 - 30 : -24 - +24
00 00 02 67	00 00 00 01	00 - 30	FX1: HARMONIST: HR2:B	00 - 30 : -24 - +24
00 00 02 69	00 00 00 01	00 - 01	FX1: SOUND HOLD: HOLD	00 : OFF 01 : ON
00 00 02 6A	00 00 00 01	00 - 64	FX1: SOUND HOLD: RISE TIME	0 - 100
00 00 02 6B	00 00 00 01	00 - 78	FX1: SOUND HOLD: EFFECT LEVEL	0 - 120
00 00 02 6D	00 00 00 01	00 - 03	FX1: AC.PROCESSOR: TYPE	00 : SMALL 01 : MEDIUM 02 : BRIGHT 03 : POWER
00 00 02 6E	00 00 00 01	00 - 64	FX1: AC.PROCESSOR: BASS	00 - 64 : -50 - +50
00 00 02 6F	00 00 00 01	00 - 64	FX1: AC.PROCESSOR: MIDDLE	00 - 64 : -50 - +50
00 00 02 70	00 00 00 01	00 - 1B	FX1: AC.PROCESSOR: MIDDLE FREQ	* Refer to Table 'MID FREQ'
00 00 02 71	00 00 00 01	00 - 64	FX1: AC.PROCESSOR: TREBLE	00 - 64 : -50 - +50
00 00 02 72	00 00 00 01	00 - 64	FX1: AC.PROCESSOR: PRESENCE	00 - 64 : -50 - +50
00 00 02 73	00 00 00 01	00 - 64	FX1: AC.PROCESSOR: LEVEL	0 - 100
00 00 02 75	00 00 00 01	00 - 03	FX1: PHASER: TYPE	00 : 4STAGE 01 : 8STAGE 02 : 12STAGE 03 : BIPHASE
00 00 02 76	00 00 00 01	00 - 71	FX1: PHASER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 02 77	00 00 00 01	00 - 64	FX1: PHASER: DEPTH	0 - 100
00 00 02 78	00 00 00 01	00 - 64	FX1: PHASER: MANUAL	0 - 100
00 00 02 79	00 00 00 01	00 - 64	FX1: PHASER: RESO	0 - 100
00 00 02 7A	00 00 00 01	00 - 72	FX1: PHASER: STEP RATE	00 : OFF 01 - 65 : 0 - 100 66 - 72 : * Refer to Table 'BPM NOTE2'
00 00 02 7B	00 00 00 01	00 - 64	FX1: PHASER: EFFECT LEVEL	0 - 100
00 00 02 7C	00 00 00 01	00 - 64	FX1: PHASER: DIRECT MIX	0 - 100

MIDI Implementation

00 00 02 7E	00 00 00 01	00 - 71	FX1: FLANGER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 02 7F	00 00 00 01	00 - 64	FX1: FLANGER: DEPTH	0 - 100
00 00 03 00	00 00 00 01	00 - 64	FX1: FLANGER: MANUAL	0 - 100
00 00 03 01	00 00 00 01	00 - 64	FX1: FLANGER: RESO	0 - 100
00 00 03 02	00 00 00 01	00 - 64	FX1: FLANGER: SEPARATION	0 - 100
00 00 03 03	00 00 00 01	00 - 0A	FX1: FLANGER: LOW CUT	* Refer to Table 'FLANGER LOW CUT'
00 00 03 04	00 00 00 01	00 - 64	FX1: FLANGER: EFFECT LEVEL	0 - 100
00 00 03 05	00 00 00 01	00 - 64	FX1: FLANGER: DIRECT MIX	0 - 100
00 00 03 07	00 00 00 01	00 - 64	FX1: TREMOLO: WAVE SHAPE	0 - 100
00 00 03 08	00 00 00 01	00 - 71	FX1: TREMOLO: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 09	00 00 00 01	00 - 64	FX1: TREMOLO: DEPTH	0 - 100
00 00 03 0A	00 00 00 01	00 - 64	FX1: TREMOLO: LEVEL	0 - 100
00 00 03 0C	00 00 00 01	00 - 01	FX1: ROTARY: SPEED SELECT	00 : SLOW 01 : FAST
00 00 03 0D	00 00 00 01	00 - 71	FX1: ROTARY: RATE-SLOW	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 0E	00 00 00 01	00 - 71	FX1: ROTARY: RATE-FAST	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 0F	00 00 00 01	00 - 64	FX1: ROTARY: RISE TIME	0 - 100
00 00 03 10	00 00 00 01	00 - 64	FX1: ROTARY: FALL TIME	0 - 100
00 00 03 11	00 00 00 01	00 - 64	FX1: ROTARY: DEPTH	0 - 100
00 00 03 12	00 00 00 01	00 - 64	FX1: ROTARY: LEVEL	0 - 100
00 00 03 14	00 00 00 01	00 - 71	FX1: UNI-V: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 15	00 00 00 01	00 - 64	FX1: UNI-V: DEPTH	0 - 100
00 00 03 16	00 00 00 01	00 - 64	FX1: UNI-V: LEVEL	0 - 100
00 00 03 18	00 00 00 01	00 - 01	FX1: PAN: TYPE	00 : AUTO 01 : MANUAL
00 00 03 19	00 00 00 01	00 - 64	FX1: PAN: POS	00 - 32 - 64 : L100 - CENTER - R100
00 00 03 1A	00 00 00 01	00 - 64	FX1: PAN: WAVE SHAPE	0 - 100
00 00 03 1B	00 00 00 01	00 - 71	FX1: PAN: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 1C	00 00 00 01	00 - 64	FX1: PAN: DEPTH	0 - 100
00 00 03 1D	00 00 00 01	00 - 64	FX1: PAN: LEVEL	0 - 100
00 00 03 1F	00 00 00 01	00 - 13	FX1: SLICER: PATTERN	00 - 13 : P1 - P20
00 00 03 20	00 00 00 01	00 - 71	FX1: SLICER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 21	00 00 00 01	00 - 64	FX1: SLICER: TRIGGER SENS	0 - 100
00 00 03 22	00 00 00 01	00 - 64	FX1: SLICER: EFFECT LEVEL	0 - 100
00 00 03 23	00 00 00 01	00 - 64	FX1: SLICER: DIRECT MIX	0 - 100
00 00 03 25	00 00 00 01	00 - 71	FX1: VIBRATO: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 26	00 00 00 01	00 - 64	FX1: VIBRATO: DEPTH	0 - 100
00 00 03 27	00 00 00 01	00 - 01	FX1: VIBRATO: TRIGGER	00 : OFF 01 : ON
00 00 03 28	00 00 00 01	00 - 64	FX1: VIBRATO: RISE TIME	0 - 100
00 00 03 29	00 00 00 01	00 - 64	FX1: VIBRATO: LEVEL	0 - 100
00 00 03 2B	00 00 00 01	00 - 01	FX1: RING MOD: MODE	00 : NORMAL 01 : INTELLIGENT
00 00 03 2C	00 00 00 01	00 - 64	FX1: RING MOD: FREQ	0 - 100
00 00 03 2D	00 00 00 01	00 - 64	FX1: RING MOD: EFFECT LEVEL	0 - 100
00 00 03 2E	00 00 00 01	00 - 64	FX1: RING MOD: DIRECT MIX	0 - 100
00 00 03 30	00 00 00 01	00 - 01	FX1: HUMANIZER: MODE	00 : PICKING 01 : AUTO
00 00 03 31	00 00 00 01	00 - 04	FX1: HUMANIZER: VOWEL1	00 : a 01 : e 02 : i 03 : o 04 : u
00 00 03 32	00 00 00 01	00 - 04	FX1: HUMANIZER: VOWEL2	00 : a 01 : e 02 : i 03 : o 04 : u
00 00 03 33	00 00 00 01	00 - 64	FX1: HUMANIZER: SENS	0 - 100
00 00 03 34	00 00 00 01	00 - 71	FX1: HUMANIZER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 35	00 00 00 01	00 - 64	FX1: HUMANIZER: DEPTH	0 - 100
00 00 03 36	00 00 00 01	00 - 64	FX1: HUMANIZER: MANUAL	0 - 100
00 00 03 37	00 00 00 01	00 - 64	FX1: HUMANIZER: LEVEL	0 - 100
00 00 03 39	00 00 00 01	00 - 10	FX1: 2x2 CHORUS: XOVER FREQ	* Refer to Table '2x2 CHORUS XOVER FREQ'
00 00 03 3A	00 00 00 01	00 - 71	FX1: 2x2 CHORUS: LOW RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'

00 00 03 3B	00 00 00 01	00 - 64	FX1: 2x2 CHORUS: LOW DEPTH	0 - 100
00 00 03 3C	00 00 00 01	00 - 50	FX1: 2x2 CHORUS: LOW PRE DELAY	00 : 0.0ms 01 : 0.5ms : : 50 : 40.0ms
00 00 03 3D	00 00 00 01	00 - 64	FX1: 2x2 CHORUS: LOW LEVEL	0 - 100
00 00 03 3E	00 00 00 01	00 - 71	FX1: 2x2 CHORUS: HIGH RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 3F	00 00 00 01	00 - 64	FX1: 2x2 CHORUS: HIGH DEPTH	0 - 100
00 00 03 40	00 00 00 01	00 - 50	FX1: 2x2 CHORUS: HIGH PRE DELAY	00 : 0.0ms 01 : 0.5ms : : 50 : 40.0ms
00 00 03 41	00 00 00 01	00 - 64	FX1: 2x2 CHORUS: HIGH LEVEL	0 - 100
00 00 03 42	00 00 00 01	00 - 64	FX1: 2x2 CHORUS: DIRECT LEVEL	0 - 100
00 00 03 43	00 00 00 01	00 - 01	FX1: SUB DELAY: TYPE	00 : MONO 01 : PAN
00 00 03 44	00 00 00 02	00 01 - 07 6F	FX1: SUB DELAY: TIME	00 01 - 07 68 : 1 - 1000ms 07 69 - 07 6F : * Refer to Table 'BPM NOTE'
00 00 03 46	00 00 00 01	00 - 64	FX1: SUB DELAY: F.BACK	0 - 100
00 00 03 47	00 00 00 01	00 - 0E	FX1: SUB DELAY: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 03 48	00 00 00 01	00 - 78	FX1: SUB DELAY: EFFECT LEVEL	0 - 120
00 00 03 49	00 00 00 01	00 - 64	FX1: SUB DELAY: DIRECT MIX	0 - 100
00 00 03 4A	00 00 00 01	00 - 64	FX1: SUB DELAY: TAP TIME	0 - 100%
00 00 03 4C	00 00 00 01	00 - 01	FX2: ON/OFF	00 : OFF 01 : ON
00 00 03 4D	00 00 00 01	00 - 21	FX2: FX TYPE	* Refer to Table 'FX TYPE'
00 00 03 4E	00 00 00 01	00 - 15	FX2: SUB OD/DS: TYPE	* Refer to Table 'SUB OD/DS TYPE'
00 00 03 4F	00 00 00 01	00 - 78	FX2: SUB OD/DS: DRIVE	0 - 120
00 00 03 50	00 00 00 01	00 - 64	FX2: SUB OD/DS: BOTTOM	00 - 64 : -50 - +50
00 00 03 51	00 00 00 01	00 - 64	FX2: SUB OD/DS: TONE	00 - 64 : -50 - +50
00 00 03 52	00 00 00 01	00 - 01	FX2: SUB OD/DS: SOLO SW	00 : OFF 01 : ON
00 00 03 53	00 00 00 01	00 - 64	FX2: SUB OD/DS: SOLO LEVEL	0 - 100
00 00 03 54	00 00 00 01	00 - 64	FX2: SUB OD/DS: EFFECT LEVEL	0 - 100
00 00 03 55	00 00 00 01	00 - 64	FX2: SUB OD/DS: DIRECT MIX	0 - 100
00 00 03 58	00 00 00 01	00 - 01	FX2: T.WAH: MODE	00 : LPF 01 : BPF
00 00 03 59	00 00 00 01	00 - 01	FX2: T.WAH: POLAR	00 : DOWN 01 : UP
00 00 03 5A	00 00 00 01	00 - 64	FX2: T.WAH: SENS	0 - 100
00 00 03 5B	00 00 00 01	00 - 64	FX2: T.WAH: FREQ	0 - 100
00 00 03 5C	00 00 00 01	00 - 64	FX2: T.WAH: PEAK	0 - 100
00 00 03 5D	00 00 00 01	00 - 64	FX2: T.WAH: DIRECT MIX	0 - 100
00 00 03 5E	00 00 00 01	00 - 64	FX2: T.WAH: EFFECT LEVEL	0 - 100
00 00 03 60	00 00 00 01	00 - 01	FX2: AUTO WAH: MODE	00 : LPF 01 : BPF
00 00 03 61	00 00 00 01	00 - 64	FX2: AUTO WAH: FREQ	0 - 100
00 00 03 62	00 00 00 01	00 - 64	FX2: AUTO WAH: PEAK	0 - 100
00 00 03 63	00 00 00 01	00 - 71	FX2: AUTO WAH: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 03 64	00 00 00 01	00 - 64	FX2: AUTO WAH: DEPTH	0 - 100
00 00 03 65	00 00 00 01	00 - 64	FX2: AUTO WAH: DIRECT MIX	0 - 100
00 00 03 66	00 00 00 01	00 - 64	FX2: AUTO WAH: EFFECT LEVEL	0 - 100
00 00 03 68	00 00 00 01	00 - 05	FX2: SUB WAH: TYPE	00 : CRY WAH 01 : VO WAH 02 : FAT WAH 03 : LIGHT WAH 04 : 7STRING WAH 05 : RESO WAH
00 00 03 69	00 00 00 01	00 - 64	FX2: SUB WAH: PEDAL POS	0 - 100
00 00 03 6A	00 00 00 01	00 - 64	FX2: SUB WAH: PEDAL MIN	0 - 100
00 00 03 6B	00 00 00 01	00 - 64	FX2: SUB WAH: PEDAL MAX	0 - 100
00 00 03 6C	00 00 00 01	00 - 64	FX2: SUB WAH: EFFECT LEVEL	0 - 100
00 00 03 6D	00 00 00 01	00 - 64	FX2: SUB WAH: DIRECT MIX	0 - 100
00 00 03 6F	00 00 00 01	00 - 07	FX2: ADV.COMP: TYPE	00 : BOSS COMP 01 : HI-BAND 02 : LIGHT 03 : D-COMP 04 : ORANGE 05 : FAT 06 : MILD 07 : STEREO COMP
00 00 03 70	00 00 00 01	00 - 64	FX2: ADV.COMP: SUSTAIN	0 - 100
00 00 03 71	00 00 00 01	00 - 64	FX2: ADV.COMP: ATTACK	0 - 100
00 00 03 72	00 00 00 01	00 - 64	FX2: ADV.COMP: TONE	00 - 64 : -50 - +50
00 00 03 73	00 00 00 01	00 - 64	FX2: ADV.COMP: LEVEL	0 - 100
00 00 03 75	00 00 00 01	00 - 02	FX2: LIMITER: TYPE	00 : BOSS LIMITER 01 : RACK 160D 02 : VTG RACK U

MIDI Implementation

00 00 03 76	00 00 00 01	00 - 64	FX2: LIMITER: ATTACK	0 - 100
00 00 03 77	00 00 00 01	00 - 64	FX2: LIMITER: THRESH	0 - 100
00 00 03 78	00 00 00 01	00 - 11	FX2: LIMITER: RATIO	* Refer to Table 'LIMITER RATIO'
00 00 03 79	00 00 00 01	00 - 64	FX2: LIMITER: RELEASE	0 - 100
00 00 03 7A	00 00 00 01	00 - 64	FX2: LIMITER: LEVEL	0 - 100
00 00 03 7C	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 31Hz	00 - 28 : -20dB - +20dB
00 00 03 7D	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 62Hz	00 - 28 : -20dB - +20dB
00 00 03 7E	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 125Hz	00 - 28 : -20dB - +20dB
00 00 03 7F	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 250Hz	00 - 28 : -20dB - +20dB
00 00 04 00	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 500Hz	00 - 28 : -20dB - +20dB
00 00 04 01	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 1kHz	00 - 28 : -20dB - +20dB
00 00 04 02	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 2kHz	00 - 28 : -20dB - +20dB
00 00 04 03	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 4kHz	00 - 28 : -20dB - +20dB
00 00 04 04	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 8kHz	00 - 28 : -20dB - +20dB
00 00 04 05	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: 16kHz	00 - 28 : -20dB - +20dB
00 00 04 06	00 00 00 01	00 - 28	FX2: GRAPHIC EQ: LEVEL	00 - 28 : -20dB - +20dB
00 00 04 08	00 00 00 01	00 - 11	FX2: PARAMETRIC EQ: LOW CUT	* Refer to Table 'LOW FREQ'
00 00 04 09	00 00 00 01	00 - 28	FX2: PARAMETRIC EQ: LOW GAIN	00 - 28 : -20dB - +20dB
00 00 04 0A	00 00 00 01	00 - 1B	FX2: PARAMETRIC EQ: LOW-MID FREQ	* Refer to Table 'MID FREQ'
00 00 04 0B	00 00 00 01	00 - 05	FX2: PARAMETRIC EQ: LOW-MID Q	* Refer to Table 'MID Q'
00 00 04 0C	00 00 00 01	00 - 28	FX2: PARAMETRIC EQ: LOW-MID GAIN	00 - 28 : -20dB - +20dB
00 00 04 0D	00 00 00 01	00 - 1B	FX2: PARAMETRIC EQ: HIGH-MID FREQ	* Refer to Table 'MID FREQ'
00 00 04 0E	00 00 00 01	00 - 05	FX2: PARAMETRIC EQ: HIGH-MID Q	* Refer to Table 'MID Q'
00 00 04 0F	00 00 00 01	00 - 28	FX2: PARAMETRIC EQ: HIGH-MID GAIN	00 - 28 : -20dB - +20dB
00 00 04 10	00 00 00 01	00 - 28	FX2: PARAMETRIC EQ: HIGH GAIN	00 - 28 : -20dB - +20dB
00 00 04 11	00 00 00 01	00 - 0E	FX2: PARAMETRIC EQ: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 04 12	00 00 00 01	00 - 28	FX2: PARAMETRIC EQ: LEVEL	00 - 28 : -20dB - +20dB
00 00 04 14	00 00 00 01	00 - 07	FX2: TONE MODIFY: TYPE	00 : FAT 01 : PRESENCE 02 : MILD 03 : TIGHT 04 : ENHANCE 05 : RESONATOR1 06 : RESONATOR2 07 : RESONATOR3
00 00 04 15	00 00 00 01	00 - 64	FX2: TONE MODIFY: RESO	0 - 100
00 00 04 16	00 00 00 01	00 - 64	FX2: TONE MODIFY: LOW	00 - 64 : -50 - +50
00 00 04 17	00 00 00 01	00 - 64	FX2: TONE MODIFY: HIGH	00 - 64 : -50 - +50
00 00 04 18	00 00 00 01	00 - 64	FX2: TONE MODIFY: LEVEL	0 - 100
00 00 04 1A	00 00 00 01	00 - 07	FX2: GUITAR SIM: TYPE	00 : S -> H 01 : H -> S 02 : H -> HF 03 : S -> HOLLOW 04 : H -> HOLLOW 05 : S -> AC 06 : H -> AC 07 : P -> AC
00 00 04 1B	00 00 00 01	00 - 64	FX2: GUITAR SIM: LOW	00 - 64 : -50 - +50
00 00 04 1C	00 00 00 01	00 - 64	FX2: GUITAR SIM: HIGH	00 - 64 : -50 - +50
00 00 04 1D	00 00 00 01	00 - 64	FX2: GUITAR SIM: LEVEL	0 - 100
00 00 04 1E	00 00 00 01	00 - 64	FX2: GUITAR SIM: BODY	0 - 100
00 00 04 20	00 00 00 01	00 - 64	FX2: SLOW GEAR: SENS	0 - 100
00 00 04 21	00 00 00 01	00 - 64	FX2: SLOW GEAR: RISE TIME	0 - 100
00 00 04 22	00 00 00 01	00 - 64	FX2: SLOW GEAR: LEVEL	0 - 100
00 00 04 24	00 00 00 01	00 - 64	FX2: DEFRETTER: TONE	00 - 64 : -50 - +50
00 00 04 25	00 00 00 01	00 - 64	FX2: DEFRETTER: SENS	0 - 100
00 00 04 26	00 00 00 01	00 - 64	FX2: DEFRETTER: ATTACK	0 - 100
00 00 04 27	00 00 00 01	00 - 64	FX2: DEFRETTER: DEPTH	0 - 100
00 00 04 28	00 00 00 01	00 - 64	FX2: DEFRETTER: RESO	0 - 100
00 00 04 29	00 00 00 01	00 - 64	FX2: DEFRETTER: EFFECT LEVEL	0 - 100
00 00 04 2A	00 00 00 01	00 - 64	FX2: DEFRETTER: DIRECT MIX	0 - 100
00 00 04 2C	00 00 00 01	00 - 01	FX2: WAVE SYNTH: WAVE	00 : SAW 01 : SQUARE
00 00 04 2D	00 00 00 01	00 - 64	FX2: WAVE SYNTH: CUTOFF	0 - 100
00 00 04 2E	00 00 00 01	00 - 64	FX2: WAVE SYNTH: RESO	0 - 100
00 00 04 2F	00 00 00 01	00 - 64	FX2: WAVE SYNTH: FILTER SENS	0 - 100
00 00 04 30	00 00 00 01	00 - 64	FX2: WAVE SYNTH: FILTER DECAY	0 - 100
00 00 04 31	00 00 00 01	00 - 64	FX2: WAVE SYNTH: FILTER DEPTH	0 - 100
00 00 04 32	00 00 00 01	00 - 64	FX2: WAVE SYNTH: SYNTH LEVEL	0 - 100
00 00 04 33	00 00 00 01	00 - 64	FX2: WAVE SYNTH: DIRECT MIX	0 - 100
00 00 04 35	00 00 00 01	00 - 64	FX2: SITAR SIM: TONE	00 - 64 : -50 - +50
00 00 04 36	00 00 00 01	00 - 64	FX2: SITAR SIM: SENS	0 - 100
00 00 04 37	00 00 00 01	00 - 64	FX2: SITAR SIM: DEPTH	0 - 100
00 00 04 38	00 00 00 01	00 - 64	FX2: SITAR SIM: RESO	0 - 100
00 00 04 39	00 00 00 01	00 - 64	FX2: SITAR SIM: BUZZ	0 - 100
00 00 04 3A	00 00 00 01	00 - 64	FX2: SITAR SIM: EFFECT LEVEL	0 - 100
00 00 04 3B	00 00 00 01	00 - 64	FX2: SITAR SIM: DIRECT MIX	0 - 100
00 00 04 3D	00 00 00 01	00 - 03	FX2: OCTAVE: RANGE	00 : RANGE1 (B1 - E6) 01 : RANGE1 (B1 - E5) 02 : RANGE1 (B1 - E4) 03 : RANGE1 (B1 - E3)
00 00 04 3E	00 00 00 01	00 - 64	FX2: OCTAVE: LEVEL	0 - 100
00 00 04 3F	00 00 00 01	00 - 64	FX2: OCTAVE: DIRECT MIX	0 - 100
00 00 04 41	00 00 00 01	00 - 02	FX2: PITCH SHIFTER: VOICE	00 : 1-VOICE 01 : 2-MONO 02 : 2-STEREO
00 00 04 42	00 00 00 01	00 - 03	FX2: PITCH SHIFTER: PS1:MODE	00 : FAST 01 : MEDIUM 02 : SLOW 03 : MONO
00 00 04 43	00 00 00 01	00 - 30	FX2: PITCH SHIFTER: PS1:PITCH	00 - 30 : -24 - +24

00 00 04 44	00 00 00 01	00 - 64	FX2: PITCH SHIFTER: PS1:FINE	00 - 64 : -50 - +50
00 00 04 45	00 00 00 02	00 00 - 02 33	FX2: PITCH SHIFTER: PS1:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 04 47	00 00 00 01	00 - 64	FX2: PITCH SHIFTER: PS1:LEVEL	0 - 100
00 00 04 48	00 00 00 01	00 - 03	FX2: PITCH SHIFTER: PS2:MODE	00 : FAST 01 : MEDIUM 02 : SLOW 03 : MONO
00 00 04 49	00 00 00 01	00 - 30	FX2: PITCH SHIFTER: PS2:PITCH	00 - 30 : -24 - +24
00 00 04 4A	00 00 00 01	00 - 64	FX2: PITCH SHIFTER: PS2:FINE	00 - 64 : -50 - +50
00 00 04 4B	00 00 00 02	00 00 - 02 33	FX2: PITCH SHIFTER: PS2:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 04 4D	00 00 00 01	00 - 64	FX2: PITCH SHIFTER: PS2:LEVEL	0 - 100
00 00 04 4E	00 00 00 01	00 - 64	FX2: PITCH SHIFTER: PS1:F.BACK	0 - 100
00 00 04 4F	00 00 00 01	00 - 64	FX2: PITCH SHIFTER: DIRECT MIX	0 - 100
00 00 04 51	00 00 00 01	00 - 02	FX2: HARMONIST: VOICE	00 : 1-VOICE 01 : 2-MONO 02 : 2-STEREO
00 00 04 52	00 00 00 01	00 - 1D	FX2: HARMONIST: HR1:HARM	* Refer to Table 'HARMONY'
00 00 04 53	00 00 00 02	00 00 - 02 33	FX2: HARMONIST: HR1:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 04 55	00 00 00 01	00 - 64	FX2: HARMONIST: HR1:LEVEL	0 - 100
00 00 04 56	00 00 00 01	00 - 1D	FX2: HARMONIST: HR2:HARM	* Refer to Table 'HARMONY'
00 00 04 57	00 00 00 02	00 00 - 02 33	FX2: HARMONIST: HR2:PRE DLY	00 00 - 02 2C : 0 - 300ms 02 2D - 02 33 : * Refer to Table 'BPM NOTE'
00 00 04 59	00 00 00 01	00 - 64	FX2: HARMONIST: HR2:LEVEL	0 - 100
00 00 04 5A	00 00 00 01	00 - 64	FX2: HARMONIST: HR1:F.BACK	0 - 100
00 00 04 5B	00 00 00 01	00 - 64	FX2: HARMONIST: DIRECT MIX	0 - 100
00 00 04 5C	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:C	00 - 30 : -24 - +24
00 00 04 5D	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:Db	00 - 30 : -24 - +24
00 00 04 5E	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:D	00 - 30 : -24 - +24
00 00 04 5F	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:Eb	00 - 30 : -24 - +24
00 00 04 60	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:E	00 - 30 : -24 - +24
00 00 04 61	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:F	00 - 30 : -24 - +24
00 00 04 62	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:F#	00 - 30 : -24 - +24
00 00 04 63	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:G	00 - 30 : -24 - +24
00 00 04 64	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:Ab	00 - 30 : -24 - +24
00 00 04 65	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:A	00 - 30 : -24 - +24
00 00 04 66	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:Bb	00 - 30 : -24 - +24
00 00 04 67	00 00 00 01	00 - 30	FX2: HARMONIST: HR1:B	00 - 30 : -24 - +24
00 00 04 68	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:C	00 - 30 : -24 - +24
00 00 04 69	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:Db	00 - 30 : -24 - +24
00 00 04 6A	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:D	00 - 30 : -24 - +24
00 00 04 6B	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:Eb	00 - 30 : -24 - +24
00 00 04 6C	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:E	00 - 30 : -24 - +24
00 00 04 6D	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:F	00 - 30 : -24 - +24
00 00 04 6E	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:F#	00 - 30 : -24 - +24
00 00 04 6F	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:G	00 - 30 : -24 - +24
00 00 04 70	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:Ab	00 - 30 : -24 - +24
00 00 04 71	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:A	00 - 30 : -24 - +24
00 00 04 72	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:Bb	00 - 30 : -24 - +24
00 00 04 73	00 00 00 01	00 - 30	FX2: HARMONIST: HR2:B	00 - 30 : -24 - +24
00 00 04 75	00 00 00 01	00 - 01	FX2: SOUND HOLD: HOLD	00 : OFF 01 : ON
00 00 04 76	00 00 00 01	00 - 64	FX2: SOUND HOLD: RISE TIME	0 - 100
00 00 04 77	00 00 00 01	00 - 78	FX2: SOUND HOLD: EFFECT LEVEL	0 - 120
00 00 04 79	00 00 00 01	00 - 03	FX2: AC.PROCESSOR: TYPE	00 : SMALL 01 : MEDIUM 02 : BRIGHT 03 : POWER
00 00 04 7A	00 00 00 01	00 - 64	FX2: AC.PROCESSOR: BASS	00 - 64 : -50 - +50
00 00 04 7B	00 00 00 01	00 - 64	FX2: AC.PROCESSOR: MIDDLE	00 - 64 : -50 - +50
00 00 04 7C	00 00 00 01	00 - 1B	FX2: AC.PROCESSOR: MIDDLE FREQ	* Refer to Table 'MID FREQ'
00 00 04 7D	00 00 00 01	00 - 64	FX2: AC.PROCESSOR: TREBLE	00 - 64 : -50 - +50
00 00 04 7E	00 00 00 01	00 - 64	FX2: AC.PROCESSOR: PRESENCE	00 - 64 : -50 - +50
00 00 04 7F	00 00 00 01	00 - 64	FX2: AC.PROCESSOR: LEVEL	0 - 100
00 00 05 01	00 00 00 01	00 - 03	FX2: PHASER: TYPE	00 : 4STAGE 01 : 8STAGE 02 : 12STAGE 03 : BIPHASE
00 00 05 02	00 00 00 01	00 - 71	FX2: PHASER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 03	00 00 00 01	00 - 64	FX2: PHASER: DEPTH	0 - 100
00 00 05 04	00 00 00 01	00 - 64	FX2: PHASER: MANUAL	0 - 100
00 00 05 05	00 00 00 01	00 - 64	FX2: PHASER: RESO	0 - 100
00 00 05 06	00 00 00 01	00 - 72	FX2: PHASER: STEP RATE	00 : OFF 01 - 65 : 0 - 100 66 - 72 : * Refer to Table 'BPM NOTE2'
00 00 05 07	00 00 00 01	00 - 64	FX2: PHASER: EFFECT LEVEL	0 - 100
00 00 05 08	00 00 00 01	00 - 64	FX2: PHASER: DIRECT MIX	0 - 100

MIDI Implementation

00 00 05 0A	00 00 00 01	00 - 71	FX2: FLANGER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 0B	00 00 00 01	00 - 64	FX2: FLANGER: DEPTH	0 - 100
00 00 05 0C	00 00 00 01	00 - 64	FX2: FLANGER: MANUAL	0 - 100
00 00 05 0D	00 00 00 01	00 - 64	FX2: FLANGER: RESO	0 - 100
00 00 05 0E	00 00 00 01	00 - 64	FX2: FLANGER: SEPARATION	0 - 100
00 00 05 0F	00 00 00 01	00 - 0A	FX2: FLANGER: LOW CUT	* Refer to Table 'FLANGER LOW CUT'
00 00 05 10	00 00 00 01	00 - 64	FX2: FLANGER: EFFECT LEVEL	0 - 100
00 00 05 11	00 00 00 01	00 - 64	FX2: FLANGER: DIRECT MIX	0 - 100
00 00 05 13	00 00 00 01	00 - 64	FX2: TREMOLO: WAVE SHAPE	0 - 100
00 00 05 14	00 00 00 01	00 - 71	FX2: TREMOLO: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 15	00 00 00 01	00 - 64	FX2: TREMOLO: DEPTH	0 - 100
00 00 05 16	00 00 00 01	00 - 64	FX2: TREMOLO: LEVEL	0 - 100
00 00 05 18	00 00 00 01	00 - 01	FX2: ROTARY: SPEED SELECT	00 : SLOW 01 : FAST
00 00 05 19	00 00 00 01	00 - 71	FX2: ROTARY: RATE-SLOW	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 1A	00 00 00 01	00 - 71	FX2: ROTARY: RATE-FAST	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 1B	00 00 00 01	00 - 64	FX2: ROTARY: RISE TIME	0 - 100
00 00 05 1C	00 00 00 01	00 - 64	FX2: ROTARY: FALL TIME	0 - 100
00 00 05 1D	00 00 00 01	00 - 64	FX2: ROTARY: DEPTH	0 - 100
00 00 05 1E	00 00 00 01	00 - 64	FX2: ROTARY: LEVEL	0 - 100
00 00 05 20	00 00 00 01	00 - 71	FX2: UNI-V: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 21	00 00 00 01	00 - 64	FX2: UNI-V: DEPTH	0 - 100
00 00 05 22	00 00 00 01	00 - 64	FX2: UNI-V: LEVEL	0 - 100
00 00 05 24	00 00 00 01	00 - 01	FX2: PAN: TYPE	00 : AUTO 01 : MANUAL
00 00 05 25	00 00 00 01	00 - 64	FX2: PAN: POS	00 - 32 - 64 : L100 - CENTER - R100
00 00 05 26	00 00 00 01	00 - 64	FX2: PAN: WAVE SHAPE	0 - 100
00 00 05 27	00 00 00 01	00 - 71	FX2: PAN: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 28	00 00 00 01	00 - 64	FX2: PAN: DEPTH	0 - 100
00 00 05 29	00 00 00 01	00 - 64	FX2: PAN: LEVEL	0 - 100
00 00 05 2B	00 00 00 01	00 - 13	FX2: SLICER: PATTERN	00 - 13 : P1 - P20
00 00 05 2C	00 00 00 01	00 - 71	FX2: SLICER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 2D	00 00 00 01	00 - 64	FX2: SLICER: TRIGGER SENS	0 - 100
00 00 05 2E	00 00 00 01	00 - 64	FX2: SLICER: EFFECT LEVEL	0 - 100
00 00 05 2F	00 00 00 01	00 - 64	FX2: SLICER: DIRECT MIX	0 - 100
00 00 05 31	00 00 00 01	00 - 71	FX2: VIBRATO: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 32	00 00 00 01	00 - 64	FX2: VIBRATO: DEPTH	0 - 100
00 00 05 33	00 00 00 01	00 - 01	FX2: VIBRATO: TRIGGER	00 : OFF 01 : ON
00 00 05 34	00 00 00 01	00 - 64	FX2: VIBRATO: RISE TIME	0 - 100
00 00 05 35	00 00 00 01	00 - 64	FX2: VIBRATO: LEVEL	0 - 100
00 00 05 37	00 00 00 01	00 - 01	FX2: RING MOD: MODE	00 : NORMAL 01 : INTELLIGENT
00 00 05 38	00 00 00 01	00 - 64	FX2: RING MOD: FREQ	0 - 100
00 00 05 39	00 00 00 01	00 - 64	FX2: RING MOD: EFFECT LEVEL	0 - 100
00 00 05 3A	00 00 00 01	00 - 64	FX2: RING MOD: DIRECT MIX	0 - 100
00 00 05 3C	00 00 00 01	00 - 01	FX2: HUMANIZER: MODE	00 : PICKING 01 : AUTO
00 00 05 3D	00 00 00 01	00 - 04	FX2: HUMANIZER: VOWEL1	00 : a 01 : e 02 : i 03 : o 04 : u
00 00 05 3E	00 00 00 01	00 - 04	FX2: HUMANIZER: VOWEL2	00 : a 01 : e 02 : i 03 : o 04 : u
00 00 05 3F	00 00 00 01	00 - 64	FX2: HUMANIZER: SENS	0 - 100
00 00 05 40	00 00 00 01	00 - 71	FX2: HUMANIZER: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 41	00 00 00 01	00 - 64	FX2: HUMANIZER: DEPTH	0 - 100
00 00 05 42	00 00 00 01	00 - 64	FX2: HUMANIZER: MANUAL	0 - 100
00 00 05 43	00 00 00 01	00 - 64	FX2: HUMANIZER: LEVEL	0 - 100
00 00 05 45	00 00 00 01	00 - 10	FX2: 2x2 CHORUS: XOVER FREQ	* Refer to Table '2x2 CHORUS XOVER FREQ'
00 00 05 46	00 00 00 01	00 - 71	FX2: 2x2 CHORUS: LOW RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'

00 00 05 47	00 00 00 01	00 - 64	FX2: 2x2 CHORUS: LOW DEPTH	0 - 100
00 00 05 48	00 00 00 01	00 - 50	FX2: 2x2 CHORUS: LOW PRE DELAY	00 : 0.0ms 01 : 0.5ms : : 50 : 40.0ms
00 00 05 49	00 00 00 01	00 - 64	FX2: 2x2 CHORUS: LOW LEVEL	0 - 100
00 00 05 4A	00 00 00 01	00 - 71	FX2: 2x2 CHORUS: HIGH RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 05 4B	00 00 00 01	00 - 64	FX2: 2x2 CHORUS: HIGH DEPTH	0 - 100
00 00 05 4C	00 00 00 01	00 - 50	FX2: 2x2 CHORUS: HIGH PRE DELAY	00 : 0.0ms 01 : 0.5ms : : 50 : 40.0ms
00 00 05 4D	00 00 00 01	00 - 64	FX2: 2x2 CHORUS: HIGH LEVEL	0 - 100
00 00 05 4E	00 00 00 01	00 - 64	FX2: 2x2 CHORUS: DIRECT LEVEL	0 - 100
00 00 05 4F	00 00 00 01	00 - 01	FX2: SUB DELAY: TYPE	00 : MONO 01 : PAN
00 00 05 50	00 00 00 02	00 01 - 07 6F	FX2: SUB DELAY: TIME	00 01 - 07 68 : 1 - 1000ms 07 69 - 07 6F : * Refer to Table 'BPM NOTE'
00 00 05 52	00 00 00 01	00 - 64	FX2: SUB DELAY: F.BACK	0 - 100
00 00 05 53	00 00 00 01	00 - 0E	FX2: SUB DELAY: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 05 54	00 00 00 01	00 - 78	FX2: SUB DELAY: EFFECT LEVEL	0 - 120
00 00 05 55	00 00 00 01	00 - 64	FX2: SUB DELAY: DIRECT MIX	0 - 100
00 00 05 56	00 00 00 01	00 - 64	FX2: SUB DELAY: TAP TIME	0 - 100%
00 00 05 60	00 00 00 01	00 - 01	DELAY: ON/OFF	00 : OFF 01 : ON
00 00 05 61	00 00 00 01	00 - 0A	DELAY: TYPE	00 : SINGLE 01 : PAN 02 : STEREO 03 : DUAL-S 04 : DUAL-P 05 : DUAL-L/R 06 : REVERSE 07 : ANALOG 08 : TAPE 09 : MOD
00 00 05 62	00 00 00 02	00 01 - 0F 5D	DELAY: DELAY TIME	00 01 - 0F 50 : 1 - 2000ms 0F 51 - 0F 5D : * Refer to Table 'BPM NOTE'
00 00 05 64	00 00 00 01	00 - 64	DELAY: F.BACK	0 - 100
00 00 05 65	00 00 00 01	00 - 0E	DELAY: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 05 66	00 00 00 01	00 - 78	DELAY: EFFECT LEVEL	0 - 120
00 00 05 67	00 00 00 01	00 - 64	DELAY: DIRECT MIX	0 - 100
00 00 05 68	00 00 00 01	00 - 64	DELAY: PAN TAP TIME	0 - 100%
00 00 05 69	00 00 00 02	00 01 - 07 75	DELAY: D1: TIME	00 01 - 07 68 : 1 - 1000ms 07 69 - 07 75 : * Refer to Table 'BPM NOTE'
00 00 05 6B	00 00 00 01	00 - 64	DELAY: D1: F.BACK	0 - 100
00 00 05 6C	00 00 00 01	00 - 0E	DELAY: D1: HI CUT	* Refer to Table 'HIGH FREQ'
00 00 05 6D	00 00 00 01	00 - 78	DELAY: D1: LEVEL	0 - 120
00 00 05 6E	00 00 00 02	00 01 - 07 75	DELAY: D2: TIME	00 01 - 07 68 : 1 - 1000ms 07 69 - 07 75 : * Refer to Table 'BPM NOTE'
00 00 05 70	00 00 00 01	00 - 64	DELAY: D2: F.BACK	0 - 100
00 00 05 71	00 00 00 01	00 - 0E	DELAY: D2: HI CUT	* Refer to Table 'HIGH FREQ'
00 00 05 72	00 00 00 01	00 - 78	DELAY: D2: LEVEL	0 - 120
00 00 05 73	00 00 00 01	00 - 64	DELAY: MOD RATE	0 - 100
00 00 05 74	00 00 00 01	00 - 64	DELAY: MOD DEPTH	0 - 100
00 00 06 00	00 00 00 01	00 - 01	CHORUS: ON/OFF	00 : OFF 01 : ON
00 00 06 01	00 00 00 01	00 - 02	CHORUS: MODE	00 : MONO 01 : STEREO1 02 : STEREO2
00 00 06 02	00 00 00 01	00 - 71	CHORUS: RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 06 03	00 00 00 01	00 - 64	CHORUS: DEPTH	0 - 100
00 00 06 04	00 00 00 01	00 - 50	CHORUS: PRE DELAY	00 : 0.0ms 01 : 0.5ms : : 50 : 40.0ms
00 00 06 05	00 00 00 01	00 - 11	CHORUS: LOW CUT	* Refer to Table 'LOW FREQ'
00 00 06 06	00 00 00 01	00 - 0E	CHORUS: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 06 07	00 00 00 01	00 - 64	CHORUS: EFFECT LEVEL	0 - 100
00 00 06 08	00 00 00 01	00 - 64	CHORUS: DIRECT LEVEL	0 - 100
00 00 06 10	00 00 00 01	00 - 01	REVERB: ON/OFF	00 : OFF 01 : ON
00 00 06 11	00 00 00 01	00 - 06	REVERB: TYPE	00 : AMBIENCE 01 : ROOM 02 : HALL1 03 : HALL2 04 : PLATE 05 : SPRING 06 : MODURATE
00 00 06 12	00 00 00 01	00 - 63	REVERB: TIME	00 - 63 : 0.1 - 10.0s

MIDI Implementation

00 00 06 13	00 00 00 02	00 00 - 03 74	REVERB: PRE DELAY	00 00 - 03 74 : 0 - 500ms
00 00 06 15	00 00 00 01	00 - 11	REVERB: LOW CUT	* Refer to Table 'LOW FREQ'
00 00 06 16	00 00 00 01	00 - 0E	REVERB: HIGH CUT	* Refer to Table 'HIGH FREQ'
00 00 06 17	00 00 00 01	00 - 0A	REVERB: DENSITY	0 - 10
00 00 06 18	00 00 00 01	00 - 64	REVERB: EFFECT LEVEL	0 - 100
00 00 06 19	00 00 00 01	00 - 64	REVERB: DIRECT MIX	0 - 100
00 00 06 1A	00 00 00 01	00 - 64	REVERB: SPRING SENS	0 - 100
00 00 06 20	00 00 00 01	00 - 01	PEDAL FX: ON/OFF	00 : OFF 01 : ON
00 00 06 22	00 00 00 01	00 - 30	PEDAL FX: PEDAL BEND: PITCH	00 - 30 : -24 - +24
00 00 06 23	00 00 00 01	00 - 64	PEDAL FX: PEDAL BEND: POSITION	0 - 100
00 00 06 24	00 00 00 01	00 - 64	PEDAL FX: PEDAL BEND: EFFECT LEVEL	0 - 100
00 00 06 25	00 00 00 01	00 - 64	PEDAL FX: PEDAL BEND: DIRECT MIX	0 - 100
00 00 06 26	00 00 00 01	00 - 05	PEDAL FX: WAH: TYPE	00 : CRY WAH 01 : VO WAH 02 : FAT WAH 03 : LIGHT WAH 04 : 7STRING WAH 05 : RESO WAH
00 00 06 27	00 00 00 01	00 - 64	PEDAL FX: WAH: POSITION	0 - 100
00 00 06 28	00 00 00 01	00 - 64	PEDAL FX: WAH: PEDAL MIN	0 - 100
00 00 06 29	00 00 00 01	00 - 64	PEDAL FX: WAH: PEDAL MAX	0 - 100
00 00 06 2A	00 00 00 01	00 - 64	PEDAL FX: WAH: EFFECT LEVEL	0 - 100
00 00 06 2B	00 00 00 01	00 - 64	PEDAL FX: WAH: DIRECT MIX	0 - 100
00 00 06 30	00 00 00 01	00 - 03	FOOT VOLUME: VOLUME CURVE	00 : SLOW1 01 : SLOW2 02 : NORMAL 03 : FAST
00 00 06 31	00 00 00 01	00 - 64	FOOT VOLUME: VOLUME MIN	0 - 100
00 00 06 32	00 00 00 01	00 - 64	FOOT VOLUME: VOLUME MAX	0 - 100
00 00 06 33	00 00 00 01	00 - 64	FOOT VOLUME: LEVEL	0 - 100
00 00 06 40	00 00 00 01	00 - 01	DIVIDER: MODE	00 : SINGLE 01 : DUAL
00 00 06 41	00 00 00 01	00 - 01	DIVIDER: CH SELECT	00 : CH.A 01 : CH.B
00 00 06 42	00 00 00 01	00 - 02	DIVIDER: CH.A DYNAMIC	00 : OFF 01 : POLAR- 02 : POLAR+
00 00 06 43	00 00 00 01	00 - 64	DIVIDER: CH.A DYNAMIC SENS	0 - 100
00 00 06 44	00 00 00 01	00 - 02	DIVIDER: CH.A FILTER	00 : OFF 01 : LPF 02 : HPF
00 00 06 45	00 00 00 01	00 - 10	DIVIDER: CH.A CUTOFF FREQ	* Refer to Table 'CUTOFF FREQ'
00 00 06 46	00 00 00 01	00 - 02	DIVIDER: CH.B DYNAMIC	00 : OFF 01 : POLAR- 02 : POLAR+
00 00 06 47	00 00 00 01	00 - 64	DIVIDER: CH.B DYNAMIC SENS	0 - 100
00 00 06 48	00 00 00 01	00 - 02	DIVIDER: CH.B FILTER	00 : OFF 01 : LPF 02 : HPF
00 00 06 49	00 00 00 01	00 - 10	DIVIDER: CH.B CUTOFF FREQ	* Refer to Table 'CUTOFF FREQ'
00 00 06 50	00 00 00 01	00 - 01	MIXER: MODE	00 : STEREO 01 : PAN L/R
00 00 06 51	00 00 00 01	00 - 64	MIXER: CH.A/B BALANCE	00 - 64 : 100:0 - 0:100
00 00 06 52	00 00 00 01	00 - 64	MIXER: SPREAD	0 - 100
00 00 06 55	00 00 00 01	00 - 01	SEND/RETURN: ON/OFF	00 : OFF 01 : ON
00 00 06 56	00 00 00 01	00 - 02	SEND/RETURN: MODE	00 : NORMAL 01 : DIRECT MIX 02 : BRANCH OUT
00 00 06 57	00 00 00 01	00 - 64	SEND/RETURN: SEND LEVEL	00 - 64 : 0 - 200
00 00 06 58	00 00 00 01	00 - 64	SEND/RETURN: RETURN LEVEL	00 - 64 : 0 - 200
00 00 06 60	00 00 00 01	00 - 01	AMP CONTROL	00 : OFF 01 : ON
00 00 06 63	00 00 00 01	00 - 01	NS1: ON/OFF	00 : OFF 01 : ON
00 00 06 64	00 00 00 01	00 - 64	NS1: THRESHOLD	0 - 100
00 00 06 65	00 00 00 01	00 - 64	NS1: RELEASE	0 - 100
00 00 06 66	00 00 00 01	00 - 02	NS1: DETECT	00 : INPUT 01 : NS INPUT 02 : FV OUT
00 00 06 68	00 00 00 01	00 - 01	NS2: ON/OFF	00 : OFF 01 : ON
00 00 06 69	00 00 00 01	00 - 64	PRM_NS2_THRESHOLD	0 - 100
00 00 06 6A	00 00 00 01	00 - 64	PRM_NS2_RELEASE	0 - 100
00 00 06 6B	00 00 00 01	00 - 02	PRM_NS2_DETECT	00 : INPUT 01 : NS INPUT 02 : FV OUT

00 00 06 70	00 00 00 01	00 - 05	ACCEL FX: TYPE	00 : S-BEND 01 : LASER BEAM 02 : RING MOD 03 : TWIST 04 : WARP 05 : FEEDBACKER
00 00 06 71	00 00 00 01	00 - 06	ACCEL FX: S-BEND: PITCH	00 : -3oct 01 : -2oct 02 : -2oct 03 : +1oct 04 : +2oct 05 : +3oct 06 : +4oct
00 00 06 72	00 00 00 01	00 - 64	ACCEL FX: S-BEND: RISE TIME	0 - 100
00 00 06 73	00 00 00 01	00 - 64	ACCEL FX: S-BEND: FALL TIME	0 - 100
00 00 06 74	00 00 00 01	00 - 64	ACCEL FX: LASER BEAM: RATE	0 - 100
00 00 06 75	00 00 00 01	00 - 64	ACCEL FX: LASER BEAM: DEPTH	0 - 100
00 00 06 76	00 00 00 01	00 - 64	ACCEL FX: LASER BEAM: RISE TIME	0 - 100
00 00 06 77	00 00 00 01	00 - 64	ACCEL FX: LASER BEAM: FALL TIME	0 - 100
00 00 06 78	00 00 00 01	00 - 64	ACCEL FX: RING MOD: FREQ	0 - 100
00 00 06 79	00 00 00 01	00 - 64	ACCEL FX: RING MOD: RISE TIME	0 - 100
00 00 06 7A	00 00 00 01	00 - 64	ACCEL FX: RING MOD: FALL TIME	0 - 100
00 00 06 7B	00 00 00 01	00 - 64	ACCEL FX: RING MOD: RING LEVEL	0 - 100
00 00 06 7C	00 00 00 01	00 - 64	ACCEL FX: RING MOD: OCTAVE LEVEL	0 - 100
00 00 06 7D	00 00 00 01	00 - 64	ACCEL FX: RING MOD: DIRECT MIX	0 - 100
00 00 06 7E	00 00 00 01	00 - 64	ACCEL FX: TWIST: LEVEL	0 - 100
00 00 06 7F	00 00 00 01	00 - 64	ACCEL FX: TWIST: RISE TIME	0 - 100
00 00 07 00	00 00 00 01	00 - 64	ACCEL FX: TWIST: FALL TIME	0 - 100
00 00 07 01	00 00 00 01	00 - 64	ACCEL FX: WARP: LEVEL	0 - 100
00 00 07 02	00 00 00 01	00 - 64	ACCEL FX: WARP: RISE TIME	0 - 100
00 00 07 03	00 00 00 01	00 - 64	ACCEL FX: WARP: FALL TIME	0 - 100
00 00 07 04	00 00 00 01	00 - 01	ACCEL FX: FEEDBACKER: MODE	00 : NORMAL 01 : OSC
00 00 07 05	00 00 00 01	00 - 64	ACCEL FX: FEEDBACKER: DEPTH	0 - 100
00 00 07 06	00 00 00 01	00 - 64	ACCEL FX: FEEDBACKER: RISE TIME	0 - 100
00 00 07 07	00 00 00 01	00 - 64	ACCEL FX: FEEDBACKER: OCTAVE RISE TIME	0 - 100
00 00 07 08	00 00 00 01	00 - 64	ACCEL FX: FEEDBACKER: F.BACK LEVEL	0 - 100
00 00 07 09	00 00 00 01	00 - 64	ACCEL FX: FEEDBACKER: OCTAVE F.BACK LEVEL	0 - 100
00 00 07 0A	00 00 00 01	00 - 64	ACCEL FX: FEEDBACKER: VIB RATE	0 - 100
00 00 07 0B	00 00 00 01	00 - 64	ACCEL FX: FEEDBACKER: VIB DEPTH	0 - 100
00 00 07 0F	00 00 00 01	00 - 0F	PATCH CATEGORY	* Refer to Table 'Patch Category'
00 00 07 10	00 00 00 01	00 - 64	PATCH LEVEL	00 - 64 : 0 - 200
00 00 07 11	00 00 00 01	00 - 28	MASTER EQ: LOW GAIN	00 - 28 : -20dB - +20dB
00 00 07 12	00 00 00 01	00 - 1B	MASTER EQ: MID FREQ	* Refer to Table 'MID FREQ'
00 00 07 13	00 00 00 01	00 - 05	MASTER EQ: MID Q	* Refer to Table 'MID Q'
00 00 07 14	00 00 00 01	00 - 28	MASTER EQ: MID GAIN	00 - 28 : -20dB - +20dB
00 00 07 15	00 00 00 01	00 - 28	MASTER EQ: HIGH GAIN	00 - 28 : -20dB - +20dB
00 00 07 16	00 00 00 02	00 28 - 01 7A	MASTER BPM	00 28 - 01 7A : 40 - 250
00 00 07 18	00 00 00 01	00 - 0B	MASTER KEY	00 : C (Am) 01 : Db(Bbm) 02 : D (Bm) 03 : Eb(Cm) 04 : E (C#m) 05 : F (Dm) 06 : F#(D#m) 07 : G (Em) 08 : Ab(Fm) 09 : A (F#m) 0A : Bb(Gm) 0B : B (G#m)
00 00 07 19	00 00 00 01	00 - 1F	MASTER BEAT	* Refer to Table 'MASTER BEAT'
00 00 07 20	00 00 00 01	00 - 13	FX CHAIN: POSITION1	* Refer to Table 'FX CHAIN'
00 00 07 21#	00 00 00 01	00 - 13	FX CHAIN: POSITION2	* Refer to Table 'FX CHAIN'
00 00 07 22#	00 00 00 01	00 - 13	FX CHAIN: POSITION3	* Refer to Table 'FX CHAIN'
00 00 07 23#	00 00 00 01	00 - 13	FX CHAIN: POSITION4	* Refer to Table 'FX CHAIN'
00 00 07 24#	00 00 00 01	00 - 13	FX CHAIN: POSITION5	* Refer to Table 'FX CHAIN'
00 00 07 25#	00 00 00 01	00 - 13	FX CHAIN: POSITION6	* Refer to Table 'FX CHAIN'
00 00 07 26#	00 00 00 01	00 - 13	FX CHAIN: POSITION7	* Refer to Table 'FX CHAIN'
00 00 07 27#	00 00 00 01	00 - 13	FX CHAIN: POSITION8	* Refer to Table 'FX CHAIN'
00 00 07 28#	00 00 00 01	00 - 13	FX CHAIN: POSITION9	* Refer to Table 'FX CHAIN'
00 00 07 29#	00 00 00 01	00 - 13	FX CHAIN: POSITION10	* Refer to Table 'FX CHAIN'
00 00 07 2A#	00 00 00 01	00 - 13	FX CHAIN: POSITION11	* Refer to Table 'FX CHAIN'
00 00 07 2B#	00 00 00 01	00 - 13	FX CHAIN: POSITION12	* Refer to Table 'FX CHAIN'
00 00 07 2C#	00 00 00 01	00 - 13	FX CHAIN: POSITION13	* Refer to Table 'FX CHAIN'
00 00 07 2D#	00 00 00 01	00 - 13	FX CHAIN: POSITION14	* Refer to Table 'FX CHAIN'
00 00 07 2E#	00 00 00 01	00 - 13	FX CHAIN: POSITION15	* Refer to Table 'FX CHAIN'
00 00 07 2F#	00 00 00 01	00 - 13	FX CHAIN: POSITION16	* Refer to Table 'FX CHAIN'
00 00 07 30#	00 00 00 01	00 - 13	FX CHAIN: POSITION17	* Refer to Table 'FX CHAIN'
00 00 07 31#	00 00 00 01	00 - 13	FX CHAIN: POSITION18	* Refer to Table 'FX CHAIN'
00 00 07 32#	00 00 00 01	00 - 13	FX CHAIN: POSITION19	* Refer to Table 'FX CHAIN'
00 00 07 33#	00 00 00 01	00 - 13	FX CHAIN: POSITION20	* Refer to Table 'FX CHAIN'
00 00 07 40	00 00 00 01	00 - 23	MANUAL MODE: BANK DOWN	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 41	00 00 00 01	00 - 23	MANUAL MODE: BANK UP	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 42	00 00 00 01	00 - 23	MANUAL MODE: NUMBER PEDAL1	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 43	00 00 00 01	00 - 23	MANUAL MODE: NUMBER PEDAL2	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 44	00 00 00 01	00 - 23	MANUAL MODE: NUMBER PEDAL3	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 45	00 00 00 01	00 - 23	MANUAL MODE: NUMBER PEDAL4	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 46	00 00 00 01	00 - 23	MANUAL MODE: PHRASE LOOP	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 47	00 00 00 01	00 - 23	MANUAL MODE: ACCEL/CTRL	* Refer to Table 'MANUAL MODE' * GT-100 only
00 00 07 50	00 00 00 01	00 - 24	CTL/EXP: ACCEL/CTL: FUNC	* Refer to Table 'CTL PEDAL FUNC' * GT-100 only
00 00 07 51	00 00 00 01	00 - 01	CTL/EXP: ACCEL/CTL: MIN	00 : OFF (STOP) * GT-100 only 01 : ON (START)

MIDI Implementation

00 00 07 52	00 00 00 01	00 - 01	CTL/EXP: ACCEL/CTL: MAX	00 : OFF (STOP) 01 : ON (START)	* GT-100 only
00 00 07 53	00 00 00 01	00 - 01	CTL/EXP: ACCEL/CTL: SRC MODE	00 : MOMENT 01 : TOGGLE	* GT-100 only
00 00 07 60	00 00 00 01	00 - 23	CTL/EXP: EXP SW: FUNC	* Refer to Table 'CTL PEDAL FUNC'	* GT-100 only
00 00 07 61	00 00 00 01	00 - 01	CTL/EXP: EXP SW: MIN	00 : OFF (STOP) 01 : ON (START)	* GT-100 only
00 00 07 62	00 00 00 01	00 - 01	CTL/EXP: EXP SW: MAX	00 : OFF (STOP) 01 : ON (START)	* GT-100 only
00 00 07 63	00 00 00 01	00 - 01	CTL/EXP: EXP SW: SRC MODE	00 : MOMENT 01 : TOGGLE	* GT-100 only
00 00 07 70	00 00 00 01	00 - 23	CTL/EXP: SUB CTL1: FUNC	* Refer to Table 'CTL PEDAL FUNC'	* CTL1 on GT-001
00 00 07 71	00 00 00 01	00 - 01	CTL/EXP: SUB CTL1: MIN	00 : OFF (STOP) 01 : ON (START)	* CTL1 on GT-001
00 00 07 72	00 00 00 01	00 - 01	CTL/EXP: SUB CTL1: MAX	00 : OFF (STOP) 01 : ON (START)	* CTL1 on GT-001
00 00 07 73	00 00 00 01	00 - 01	CTL/EXP: SUB CTL1: SRC MODE	00 : MOMENT 01 : TOGGLE	* CTL1 on GT-001
00 00 08 00	00 00 00 01	00 - 23	CTL/EXP: SUB CTL2: FUNC	* Refer to Table 'CTL PEDAL FUNC'	* CTL2 on GT-001
00 00 08 01	00 00 00 01	00 - 01	CTL/EXP: SUB CTL2: MIN	00 : OFF (STOP) 01 : ON (START)	* CTL2 on GT-001
00 00 08 02	00 00 00 01	00 - 01	CTL/EXP: SUB CTL2: MAX	00 : OFF (STOP) 01 : ON (START)	* CTL2 on GT-001
00 00 08 03	00 00 00 01	00 - 01	CTL/EXP: SUB CTL2: SRC MODE	00 : MOMENT 01 : TOGGLE	* CTL2 on GT-001
00 00 08 10	00 00 00 01	00 - 05	CTL/EXP: EXP: FUNC	00 : OFF 01 : FOOT VOLUME 02 : PEDAL BEND 03 : WAH 04 : PB/FV 05 : WAH/FV 06 : PATCH LEVEL	
00 00 08 11	00 00 00 01	00 - 64	CTL/EXP: EXP: PATCH LEVEL MIN	00 - 64 : 0 - 200	
00 00 08 12	00 00 00 01	00 - 64	CTL/EXP: EXP: PATCH LEVEL MAX	00 - 64 : 0 - 200	
00 00 08 20	00 00 00 01	00 - 01	CTL/EXP: SUB EXP: FUNC	00 : OFF 01 : FOOT VOLUME	* GT-100 only
00 00 08 21	00 00 00 01	00 - 64	CTL/EXP: SUB EXP: PATCH LEVEL MIN	00 - 64 : 0 - 200	* GT-100 only
00 00 08 22	00 00 00 01	00 - 64	CTL/EXP: SUB EXP: PATCH LEVEL MAX	00 - 64 : 0 - 200	* GT-100 only
00 00 08 30	00 00 00 01	00 - 01	ASSIGN1: ON/OFF	00 : OFF 01 : ON	
00 00 08 31	00 00 00 02	00 00 - 05 2C	ASSIGN1: TARGET	* Refer to Table 'ASSIGN TARGET'	
00 00 08 33	00 00 00 02	00 00 - 7F 7F	ASSIGN1: TARGET MIN	* The data range depends on the TARGET.	
00 00 08 35	00 00 00 02	00 00 - 7F 7F	ASSIGN1: TARGET MAX	* The data range depends on the TARGET.	
00 00 08 37	00 00 00 01	00 - 49	ASSIGN1: SOURCE	* Refer to Table 'ASSIGN SOURCE'	
00 00 08 38	00 00 00 01	00 - 01	ASSIGN1: SOURCE MODE	00 : MOMENT 01 : TOGGLE	
00 00 08 39	00 00 00 01	00 - 7E	ASSIGN1: ACT RANGE LO	0 - 126	
00 00 08 3A	00 00 00 01	01 - 7F	ASSIGN1: ACT RANGE HI	1 - 127	
00 00 08 3B	00 00 00 01	00 - 48	ASSIGN1: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'	
00 00 08 3C	00 00 00 01	00 - 64	ASSIGN1: INT PDL TIME	0 - 100	
00 00 08 3D	00 00 00 01	00 - 02	ASSIGN1: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE	
00 00 08 3E	00 00 00 01	00 - 71	ASSIGN1: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'	
00 00 08 3F	00 00 00 01	00 - 02	ASSIGN1: WAVEFORM	00 : SAW 01 : TRI 02 : SINE	
00 00 08 50	00 00 00 01	00 - 01	ASSIGN2: ON/OFF	00 : OFF 01 : ON	
00 00 08 51	00 00 00 02	00 00 - 05 2C	ASSIGN2: TARGET	* Refer to Table 'ASSIGN TARGET'	
00 00 08 53	00 00 00 02	00 00 - 7F 7F	ASSIGN2: TARGET MIN	* The data range depends on the TARGET.	
00 00 08 55	00 00 00 02	00 00 - 7F 7F	ASSIGN2: TARGET MAX	* The data range depends on the TARGET.	
00 00 08 57	00 00 00 01	00 - 49	ASSIGN2: SOURCE	* Refer to Table 'ASSIGN SOURCE'	
00 00 08 58	00 00 00 01	00 - 01	ASSIGN2: SOURCE MODE	00 : MOMENT 01 : TOGGLE	
00 00 08 59	00 00 00 01	00 - 7E	ASSIGN2: ACT RANGE LO	0 - 126	
00 00 08 5A	00 00 00 01	01 - 7F	ASSIGN2: ACT RANGE HI	1 - 127	
00 00 08 5B	00 00 00 01	00 - 48	ASSIGN2: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'	
00 00 08 5C	00 00 00 01	00 - 64	ASSIGN2: INT PDL TIME	0 - 100	
00 00 08 5D	00 00 00 01	00 - 02	ASSIGN2: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE	
00 00 08 5E	00 00 00 01	00 - 71	ASSIGN2: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'	

00 00 08 5F	00 00 00 01	00 - 02	ASSIGN2: WAVEFORM	00 : SAW 01 : TRI 02 : SINE
00 00 08 70	00 00 00 01	00 - 01	ASSIGN3: ON/OFF	00 : OFF 01 : ON
00 00 08 71	00 00 00 02	00 00 - 05 2C	ASSIGN3: TARGET	* Refer to Table 'ASSIGN TARGET'
00 00 08 73	00 00 00 02	00 00 - 7F 7F	ASSIGN3: TARGET MIN	* The data range depends on the TARGET.
00 00 08 75	00 00 00 02	00 00 - 7F 7F	ASSIGN3: TARGET MAX	* The data range depends on the TARGET.
00 00 08 77	00 00 00 01	00 - 49	ASSIGN3: SOURCE	* Refer to Table 'ASSIGN SOURCE'
00 00 08 78	00 00 00 01	00 - 01	ASSIGN3: SOURCE MODE	00 : MOMENT 01 : TOGGLE
00 00 08 79	00 00 00 01	00 - 7E	ASSIGN3: ACT RANGE LO	0 - 126
00 00 08 7A	00 00 00 01	01 - 7F	ASSIGN3: ACT RANGE HI	1 - 127
00 00 08 7B	00 00 00 01	00 - 48	ASSIGN3: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'
00 00 08 7C	00 00 00 01	00 - 64	ASSIGN3: INT PDL TIME	0 - 100
00 00 08 7D	00 00 00 01	00 - 02	ASSIGN3: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE
00 00 08 7E	00 00 00 01	00 - 71	ASSIGN3: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 08 7F	00 00 00 01	00 - 02	ASSIGN3: WAVEFORM	00 : SAW 01 : TRI 02 : SINE
00 00 09 10	00 00 00 01	00 - 01	ASSIGN4: ON/OFF	00 : OFF 01 : ON
00 00 09 11	00 00 00 02	00 00 - 05 2C	ASSIGN4: TARGET	* Refer to Table 'ASSIGN TARGET'
00 00 09 13	00 00 00 02	00 00 - 7F 7F	ASSIGN4: TARGET MIN	* The data range depends on the TARGET.
00 00 09 15	00 00 00 02	00 00 - 7F 7F	ASSIGN4: TARGET MAX	* The data range depends on the TARGET.
00 00 09 17	00 00 00 01	00 - 49	ASSIGN4: SOURCE	* Refer to Table 'ASSIGN SOURCE'
00 00 09 18	00 00 00 01	00 - 01	ASSIGN4: SOURCE MODE	00 : MOMENT 01 : TOGGLE
00 00 09 19	00 00 00 01	00 - 7E	ASSIGN4: ACT RANGE LO	0 - 126
00 00 09 1A	00 00 00 01	01 - 7F	ASSIGN4: ACT RANGE HI	1 - 127
00 00 09 1B	00 00 00 01	00 - 48	ASSIGN4: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'
00 00 09 1C	00 00 00 01	00 - 64	ASSIGN4: INT PDL TIME	0 - 100
00 00 09 1D	00 00 00 01	00 - 02	ASSIGN4: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE
00 00 09 1E	00 00 00 01	00 - 71	ASSIGN4: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 09 1F	00 00 00 01	00 - 02	ASSIGN4: WAVEFORM	00 : SAW 01 : TRI 02 : SINE
00 00 09 30	00 00 00 01	00 - 01	ASSIGN5: ON/OFF	00 : OFF 01 : ON
00 00 09 31	00 00 00 02	00 00 - 05 2C	ASSIGN5: TARGET	* Refer to Table 'ASSIGN TARGET'
00 00 09 33	00 00 00 02	00 00 - 7F 7F	ASSIGN5: TARGET MIN	* The data range depends on the TARGET.
00 00 09 35	00 00 00 02	00 00 - 7F 7F	ASSIGN5: TARGET MAX	* The data range depends on the TARGET.
00 00 09 37	00 00 00 01	00 - 49	ASSIGN5: SOURCE	* Refer to Table 'ASSIGN SOURCE'
00 00 09 38	00 00 00 01	00 - 01	ASSIGN5: SOURCE MODE	00 : MOMENT 01 : TOGGLE
00 00 09 39	00 00 00 01	00 - 7E	ASSIGN5: ACT RANGE LO	0 - 126
00 00 09 3A	00 00 00 01	01 - 7F	ASSIGN5: ACT RANGE HI	1 - 127
00 00 09 3B	00 00 00 01	00 - 48	ASSIGN5: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'
00 00 09 3C	00 00 00 01	00 - 64	ASSIGN5: INT PDL TIME	0 - 100
00 00 09 3D	00 00 00 01	00 - 02	ASSIGN5: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE
00 00 09 3E	00 00 00 01	00 - 71	ASSIGN5: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 09 3F	00 00 00 01	00 - 02	ASSIGN5: WAVEFORM	00 : SAW 01 : TRI 02 : SINE
00 00 09 50	00 00 00 01	00 - 01	ASSIGN6: ON/OFF	00 : OFF 01 : ON
00 00 09 51	00 00 00 02	00 00 - 05 2C	ASSIGN6: TARGET	* Refer to Table 'ASSIGN TARGET'
00 00 09 53	00 00 00 02	00 00 - 7F 7F	ASSIGN6: TARGET MIN	* The data range depends on the TARGET.
00 00 09 55	00 00 00 02	00 00 - 7F 7F	ASSIGN6: TARGET MAX	* The data range depends on the TARGET.
00 00 09 57	00 00 00 01	00 - 49	ASSIGN6: SOURCE	* Refer to Table 'ASSIGN SOURCE'
00 00 09 58	00 00 00 01	00 - 01	ASSIGN6: SOURCE MODE	00 : MOMENT 01 : TOGGLE
00 00 09 59	00 00 00 01	00 - 7E	ASSIGN6: ACT RANGE LO	0 - 126
00 00 09 5A	00 00 00 01	01 - 7F	ASSIGN6: ACT RANGE HI	1 - 127
00 00 09 5B	00 00 00 01	00 - 48	ASSIGN6: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'
00 00 09 5C	00 00 00 01	00 - 64	ASSIGN6: INT PDL TIME	0 - 100
00 00 09 5D	00 00 00 01	00 - 02	ASSIGN6: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE
00 00 09 5E	00 00 00 01	00 - 71	ASSIGN6: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'

MIDI Implementation

00 00 09 5F	00 00 00 01	00 - 02	ASSIGN6: WAVEFORM	00 : SAW 01 : TRI 02 : SINE
00 00 09 70	00 00 00 01	00 - 01	ASSIGN7: ON/OFF	00 : OFF 01 : ON
00 00 09 71	00 00 00 02	00 00 - 05 2C	ASSIGN7: TARGET	* Refer to Table 'ASSIGN TARGET'
00 00 09 73	00 00 00 02	00 00 - 7F 7F	ASSIGN7: TARGET MIN	* The data range depends on the TARGET.
00 00 09 75	00 00 00 02	00 00 - 7F 7F	ASSIGN7: TARGET MAX	* The data range depends on the TARGET.
00 00 09 77	00 00 00 01	00 - 49	ASSIGN7: SOURCE	* Refer to Table 'ASSIGN SOURCE'
00 00 09 78	00 00 00 01	00 - 01	ASSIGN7: SOURCE MODE	00 : MOMENT 01 : TOGGLE
00 00 09 79	00 00 00 01	00 - 7E	ASSIGN7: ACT RANGE LO	0 - 126
00 00 09 7A	00 00 00 01	01 - 7F	ASSIGN7: ACT RANGE HI	1 - 127
00 00 09 7B	00 00 00 01	00 - 48	ASSIGN7: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'
00 00 09 7C	00 00 00 01	00 - 64	ASSIGN7: INT PDL TIME	0 - 100
00 00 09 7D	00 00 00 01	00 - 02	ASSIGN7: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE
00 00 09 7E	00 00 00 01	00 - 71	ASSIGN7: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 09 7F	00 00 00 01	00 - 02	ASSIGN7: WAVEFORM	00 : SAW 01 : TRI 02 : SINE
00 00 0A 10	00 00 00 01	00 - 01	ASSIGN8: ON/OFF	00 : OFF 01 : ON
00 00 0A 11	00 00 00 02	00 00 - 05 2C	ASSIGN8: TARGET	* Refer to Table 'ASSIGN TARGET'
00 00 0A 13	00 00 00 02	00 00 - 7F 7F	ASSIGN8: TARGET MIN	* The data range depends on the TARGET.
00 00 0A 15	00 00 00 02	00 00 - 7F 7F	ASSIGN8: TARGET MAX	* The data range depends on the TARGET.
00 00 0A 17	00 00 00 01	00 - 49	ASSIGN8: SOURCE	* Refer to Table 'ASSIGN SOURCE'
00 00 0A 18	00 00 00 01	00 - 01	ASSIGN8: SOURCE MODE	00 : MOMENT 01 : TOGGLE
00 00 0A 19	00 00 00 01	00 - 7E	ASSIGN8: ACT RANGE LO	0 - 126
00 00 0A 1A	00 00 00 01	01 - 7F	ASSIGN8: ACT RANGE HI	1 - 127
00 00 0A 1B	00 00 00 01	00 - 48	ASSIGN8: INT PDL TRIGGER	* Refer to Table 'ASSIGN INT PDL TRIGGER'
00 00 0A 1C	00 00 00 01	00 - 64	ASSIGN8: INT PDL TIME	0 - 100
00 00 0A 1D	00 00 00 01	00 - 02	ASSIGN8: INT PDL CURVE	00 : LINEAR 01 : SLOW RISE 02 : FAST RISE
00 00 0A 1E	00 00 00 01	00 - 71	ASSIGN8: WAVE RATE	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 0A 1F	00 00 00 01	00 - 02	ASSIGN8: WAVEFORM	00 : SAW 01 : TRI 02 : SINE
00 00 0A 30	00 00 00 01	00 - 64	ASSIGN COMMON: INPUT SENS	0 - 100
00 00 10 10	00 00 00 01	00 - 64	FX1: ACSIM: TOP	00 - 64 : 0 - 100
00 00 10 11	00 00 00 01	00 - 64	FX1: ACSIM: BODY	00 - 64 : 0 - 100
00 00 10 12	00 00 00 01	00 - 64	FX1: ACSIM: LOW	00 - 64 : 0 - 100
00 00 10 14	00 00 00 01	00 - 64	FX1: ACSIM: LEVEL	00 - 64 : 0 - 100
00 00 10 16	00 00 00 01	00 - 64	FX1: ROTARY2: BALANCE	00 - 64 : 0 - 100
00 00 10 17	00 00 00 01	00 - 01	FX1: ROTARY2: SPEED_SEL	00 : SLOW 01 : FAST
00 00 10 18	00 00 00 01	00 - 71	FX1: ROTARY2: RATE_SLOW	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 10 19	00 00 00 01	00 - 71	FX1: ROTARY2: RATE_FAST	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 10 1A	00 00 00 01	00 - 64	FX1: ROTARY2: RISETIME	00 - 64 : 0 - 100
00 00 10 1B	00 00 00 01	00 - 64	FX1: ROTARY2: FALLTIME	00 - 64 : 0 - 100
00 00 10 1C	00 00 00 01	00 - 64	FX1: ROTARY2: DEPTH	00 - 64 : 0 - 100
00 00 10 1D	00 00 00 01	00 - 64	FX1: ROTARY2: LEVEL	00 - 64 : 0 - 100
00 00 10 1E	00 00 00 01	00 - 64	FX1: ROTARY2: DIRECT_MIX	00 - 64 : 0 - 100
00 00 10 1F	00 00 00 01	00 - 64	FX2: ACSIM: TOP	00 - 64 : 0 - 100
00 00 10 20	00 00 00 01	00 - 64	FX2: ACSIM: BODY	00 - 64 : 0 - 100
00 00 10 21	00 00 00 01	00 - 64	FX2: ACSIM: LOW	00 - 64 : 0 - 100
00 00 10 23	00 00 00 01	00 - 64	FX2: ACSIM: LEVEL	00 - 64 : 0 - 100
00 00 10 25	00 00 00 01	00 - 64	FX2: ROTARY2: BALANCE	00 - 64 : 0 - 100
00 00 10 26	00 00 00 01	00 - 01	FX2: ROTARY2: SPEED_SEL	00 : SLOW 01 : FAST
00 00 10 27	00 00 00 01	00 - 71	FX2: ROTARY2: RATE_SLOW	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 10 28	00 00 00 01	00 - 71	FX2: ROTARY2: RATE_FAST	00 - 64 : 0 - 100 65 - 71 : * Refer to Table 'BPM NOTE2'
00 00 10 29	00 00 00 01	00 - 64	FX2: ROTARY2: RISETIME	00 - 64 : 0 - 100
00 00 10 2A	00 00 00 01	00 - 64	FX2: ROTARY2: FALLTIME	00 - 64 : 0 - 100
00 00 10 2B	00 00 00 01	00 - 64	FX2: ROTARY2: DEPTH	00 - 64 : 0 - 100
00 00 10 2C	00 00 00 01	00 - 64	FX2: ROTARY2: LEVEL	00 - 64 : 0 - 100
00 00 10 2D	00 00 00 01	00 - 64	FX2: ROTARY2: DIRECT_MIX	00 - 64 : 0 - 100
00 00 10 2F	00 00 00 01	00 - 02	PRM_FX2_TERAECO_MODE	00 : MONO 01 : STEREO1 02 : STEREO2

MIDI Implementation

----- TABLES -----

Table 'KNOB SETTING'

Data(H)	Description	Data(H)	Description	Data(H)	Description	Data(H)	Description
00	: OFF	18	: PRE B PRES	30	: CHORUS E.LEV	48	: A&B SEL
01	: PATCH	19	: PRE B SOLO LV	31	: REVERB TIME	49	: CMP_SW
02	: COMP SUSTAIN	1A	: PRE B MIC LEV	32	: REVERB HI CUT	4A	: OD/DS
03	: COMP ATTACK	1B	: EQ LO CUT	33	: REVERB E.LEV	4B	: PREAMP
04	: COMP LEVEL	1C	: EQ LOW	34	: MASTER LOW	4C	: EQ
05	: OD/DS DRIVE	1D	: EQ LO-MID	35	: MASTER MID	4D	: FX1
06	: OD/DS TONE	1E	: EQ HI-MID	36	: MASTER HIGH	4E	: FX2
07	: OD/DS E.LEV	1F	: EQ HIGH	37	: PATCH LEVEL	4F	: REVERB
08	: OD/DS SOLO LV	20	: EQ HI CUT	38	: PEDAL WAH LEV	50	: PEDL FX
09	: PRE A TYPE	21	: DELAY TIME	39	: PEDAL PB LEV	51	: CHORUS
0A	: PRE A GAIN	22	: DELAY F.BACK	3A	: DIV CH SELECT	52	: DELAY
0B	: PRE A LEVEL	23	: DELAY HI CUT	3B	: SR SEND LEVEL *		
0C	: PRE A BASS	24	: DELAY E.LEV	3C	: SR RTN LEVEL *		
0D	: PRE A MID	25	: DELAY D1TIME	3D	: NS1 THRESH		
0E	: PRE A TREBLE	26	: DELAY D1F.BK	3E	: NS1 RELEASE		
0F	: PRE A PRES	27	: DELAY D1HICUT	3F	: NS2 THRESH		
10	: PRE A SOLO LV	28	: DELAY D1LEV	40	: NS2 RELEASE		
11	: PRE A MIC LEV	29	: DELAY D2TIME	41	: GLOBAL EQ LOW		
12	: PRE B TYPE	2A	: DELAY D2F.BK	42	: GLOBAL EQ MID		
13	: PRE B GAIN	2B	: DELAY D2HICUT	43	: GLOBAL EQ HIGH		
14	: PRE B LEVEL	2C	: DELAY D2LEV	44	: USB LEV		
15	: PRE B BASS	2D	: CHORUS RATE	45	: ACC SW		
16	: PRE B MID	2E	: CHORUS DEPTH	46	: OD/DS SW		
17	: PRE B TREBLE	2F	: CHORUS PREDLY	47	: A/B SEL		

* GT-100 only

Table 'PATCH NUM'

Data(H)	Description(GT-100)	(GT-001)
00 00 - 00 03	: U01-1 - U01-4	U001 - U004
00 04 - 00 07	: U02-1 - U02-4	U005 - U008
:	:	:
01 44 - 01 47	: U50-1 - U50-4	U197 - U200
01 48 - 01 4B	: P01-1 - P01-4	P001 - P004
01 4C - 01 4F	: P02-1 - P02-4	P005 - P005
:	:	:
03 0C - 03 0F	: P50-1 - P50-4	P197 - P200

Table 'NAME'

Data(H)	Description	Data(H)	Description	Data(H)	Description
20	: (space)	40	: @	60	: `
21	: !	41	: A	61	: a
22	: "	42	: B	62	: b
23	: #	43	: C	63	: c
24	: \$	44	: D	64	: d
25	: %	45	: E	65	: e
26	: &	46	: F	66	: f
27	: *	47	: G	67	: g
28	: (48	: H	68	: h
29	:)	49	: I	69	: i
2A	: *	4A	: J	6A	: j
2B	: +	4B	: K	6B	: k
2C	: ,	4C	: L	6C	: l
2D	: -	4D	: M	6D	: m
2E	: .	4E	: N	6E	: n
2F	: /	4F	: O	6F	: o
30	: 0	50	: P	70	: p
31	: 1	51	: Q	71	: q
32	: 2	52	: R	72	: r
33	: 3	53	: S	73	: s
34	: 4	54	: T	74	: t
35	: 5	55	: U	75	: u
36	: 6	56	: V	76	: v
37	: 7	57	: W	77	: w
38	: 8	58	: X	78	: x
39	: 9	59	: Y	79	: y
3A	: :	5A	: Z	7A	: z
3B	: ;	5B	: [7B	: {
3C	: <	5C	: \	7C	:
3D	: =	5D	:]	7D	: }
3E	: >	5E	: ^		
3F	: ?	5F	: _		

Table 'OD/DS TYPE'

Data(H)	Description	Data(H)	Description
00	: MID BOOST	10	: GUV DS
01	: CLEAN BOOST	11	: DST+
02	: TREBLE BOOST	12	: METAL ZONE
03	: CRUNCH	13	: *60S FUZZ
04	: NATURAL OD	14	: MUFF FUZZ
05	: WARM OD	15	: CUSTOM
06	: FAT DS	16	: A-DIST
07	: LEAD DS		
08	: METAL DS		
09	: OCT FUZZ		
0A	: BLUES OD		
0B	: OD-1		
0C	: T-SCREAM		
0D	: TURBO OD		
0E	: DIST		
0F	: RAT		

Table 'SUB OD/DS TYPE'

Data(H)	Description	Data(H)	Description
00	: MID BOOST	10	: GUV DS
01	: CLEAN BOOST	11	: DST+
02	: TREBLE BOOST	12	: METAL ZONE
03	: CRUNCH	13	: '60S FUZZ
04	: NATURAL OD	14	: MUFF FUZZ
05	: WARM OD	15	: A-DIST *FX2 only
06	: FAT DS		
07	: LEAD DS		
08	: METAL DS		
09	: OCT FUZZ		
0A	: BLUES OD		
0B	: OD-1		
0C	: T-SCREAM		
0D	: TURBO OD		
0E	: DIST		
0F	: RAT		

Table 'CUSTOM OD/DS TYPE'

Data(H)	Description
00	: OD-1
01	: OD-2
02	: CRUNCH
03	: DS-1
04	: DS-2
05	: METAL1
06	: METAL2
07	: FUZZ

Table 'PREAMP TYPE'

Data(H)	Description	Data(H)	Description
00	: NATURAL CLEAN	10	: BG LEAD
01	: FULL RANGE	11	: BG DRIVE
02	: COMBO CRUNCH	12	: MS1959 I
03	: STACK CRUNCH	13	: MS1959 I+II
04	: HIGAIN STACK	14	: R-FIRE VINTAGE
05	: POWER DRIVE	15	: R-FIRE MODERN
06	: EXTREME LEAD	16	: T-AMP LEAD
07	: CORE METAL	17	: SLDN
08	: JC-120	18	: 5150 DRIVE
09	: CLEAN TWIN	19	: CUSTOM
0A	: PRO CRUNCH	1A	: BGNR UB
0B	: TWEED	1B	: ORNG RB
0C	: DELUXE CRUNCH		
0D	: VO DRIVE		
0E	: VO LEAD		
0F	: MATCH DRIVE		

Table 'SP TYPE'

Data(H)	Description
00	: OFF
01	: ORIGINAL
02	: 1x8"
03	: 1x10"
04	: 1x12"
05	: 2x12"
06	: 4x10"
07	: 4x12"
08	: 8x12"
09	: CUSTOM

Table 'MIC TYPE'

Data(H)	Description
00	: DYN57
01	: DYN421
02	: CND451
03	: CND87
04	: FLAT

Table 'CUSTOM AMP TYPE'

Data(H)	Description
00	: JC CLEAN
01	: TW CLEAN
02	: CRUNCH
03	: COMBO DRIVE
04	: COMBO LEAD
05	: MS HIGAIN
06	: MODERN STACK

MIDI Implementation

Table 'LOW FREQ'

Data(H) Description

00 : FLAT
01 : 20.0Hz
02 : 25.0Hz
03 : 31.5Hz
04 : 40.0Hz
05 : 50.0Hz
06 : 63.0Hz
07 : 80.0Hz
08 : 100Hz
09 : 125Hz
0A : 160Hz
0B : 200Hz
0C : 250Hz
0D : 315Hz
0E : 400Hz
0F : 500Hz
10 : 630Hz
11 : 800Hz

Table 'MID FREQ'

Data(H) Description

00 : 20.0
01 : 25.0
02 : 31.5
03 : 40.0
04 : 50.0
05 : 63.0
06 : 80.0
07 : 100H
08 : 125H
09 : 160H
0A : 200H
0B : 250H
0C : 315Hz
0D : 400Hz
0E : 500Hz
0F : 630Hz

Data(H) Description

10 : 800Hz
11 : 1.00kHz
12 : 1.25kHz
13 : 1.60kHz
14 : 2.00kHz
15 : 2.50kHz
16 : 3.15kHz
17 : 4.00kHz
18 : 5.00kHz
19 : 6.30kHz
1A : 8.00kHz
1B : 10.0kHz

Table 'MID Q'

Data(H) Description

00 : 0.5
01 : 1
02 : 2
03 : 4
04 : 8
05 : 16

Table 'HIGH FREQ'

Data(H) Description

00 : 630Hz
01 : 800Hz
02 : 1.00kHz
03 : 1.25kHz
04 : 1.60kHz
05 : 2.00kHz
06 : 2.50kHz
07 : 3.15kHz
08 : 4.00kHz
09 : 5.00kHz
0A : 6.30kHz
0B : 8.00kHz
0C : 10.0kHz
0D : 12.5kHz
0E : FLAT

Table 'FX TYPE'

Data(H) Description

00 : T.WAH
01 : AUTO WAH
02 : SUB WAH
03 : ADV.COMP
04 : LIMITER
05 : SUB OD/DS
06 : GRAPHIC EQ
07 : PARAMETRIC EQ
08 : TONE MODIFY
09 : GUITAR SIM
0A : SLOW GEAR
0B : DEFRETTER
0C : WAVE SYNTH
0D : SITAR SIM
0E : OCTAVE
0F : PITCH SHIFTER

Data(H) Description

10 : HARMONIST
11 : SOUND HOLD
12 : AC.PROCESSOR
13 : PHASER
14 : FLANGER
15 : TREMOLO
16 : ROTARY 1
17 : UNI-V
18 : PAN
19 : SLICER
1A : VIBRATO
1B : RING MOD
1C : HUMANIZER
1D : 2X2 CHORUS
1E : SUB DELAY
1F : AC SIM

Data(H) Description

20 : ROTARY 2
21 : TERAECHEO *FX2 only
22 : OVERTONE *FX2 only

Table 'LIMITER RATIO'

Data(H)	Description
00	: 1:1
01	: 1.2:1
02	: 1.4:1
03	: 1.6:1
04	: 1.8:1
05	: 2:1
06	: 2.3:1
07	: 2.6:1
08	: 3:1
09	: 3.5:1
0A	: 4:1
0B	: 5:1
0C	: 6:1
0D	: 8:1
0E	: 10:1
0F	: 12:1
10	: 20:1
11	: 00:1

Table 'BPM NOTE'

Data(H)	Description
nn	: 16TH NOTE
nn + 1	: TRIPLET OF 8TH NOTE
nn + 2	: DOTTED 16TH NOTE
nn + 3	: 8TH NOTE
nn + 4	: TRIPLET OF QUARTER NOTE
nn + 5	: DOTTED 8TH NOTE
nn + 6	: QUARTER NOTE
nn + 7	: TRIPLET OF HALF NOTE
nn + 8	: DOTTED QUARTER
nn + 9	: HALF NOTE
nn + 10	: TRIPLET OF WHOLE NOTE
nn + 11	: DOTTED HALF NOTE
nn + 12	: WHOLE NOTE

Table 'BPM NOTE2'

Data(H)	Description
nn	: WHOLE NOTE
nn + 1	: DOTTED HALF NOTE
nn + 2	: TRIPLET OF WHOLE NOTE
nn + 3	: HALF NOTE
nn + 4	: DOTTED QUARTER
nn + 5	: TRIPLET OF HALF NOTE
nn + 6	: QUARTER NOTE
nn + 7	: DOTTED 8TH NOTE
nn + 8	: TRIPLET OF QUARTER NOTE
nn + 9	: 8TH NOTE
nn + 10	: DOTTED 16TH NOTE
nn + 11	: TRIPLET OF 8TH NOTE
nn + 12	: 16TH NOTE

Table 'HARMONY'

Data(H)	Description	Data(H)	Description
00	: -2oct	10	: +3rd
01	: -14th	11	: +4th
02	: -13th	12	: +5th
03	: -12th	13	: +6th
04	: -11th	14	: +7th
05	: -10th	15	: +1oct
06	: -9th	16	: +9th
07	: -1oct	17	: +10th
08	: -7th	18	: +11th
09	: -6th	19	: +12th
0A	: -5th	1A	: +13th
0B	: -4th	1B	: +14th
0C	: -3rd	1C	: +2oct
0D	: -2nd	1D	: USER
0E	: UNISON		
0F	: +2nd		

Table '2x2 CHORUS XOVER FREQ'

Data(H)	Description
00	: 100Hz
01	: 125Hz
02	: 160Hz
03	: 200Hz
04	: 250Hz
05	: 315Hz
06	: 400Hz
07	: 500Hz
08	: 630Hz
09	: 800Hz
0A	: 1.00kHz
0B	: 1.25kHz
0C	: 1.60kHz
0D	: 2.00kHz
0E	: 2.50kHz
0F	: 3.15kHz
10	: 4.00kHz

MIDI Implementation

Table 'CUTOFF_FREQ'

Data(H) Description

00 : 100Hz
01 : 125Hz
02 : 160Hz
03 : 200Hz
04 : 250Hz
05 : 315Hz
06 : 400Hz
07 : 500Hz
08 : 630Hz
09 : 800Hz
0A : 1.00kHz
0B : 1.25kHz
0C : 1.60kHz
0D : 2.00kHz
0E : 2.50kHz
0F : 3.15kHz
10 : 4.00kHz

Table 'FLANGER_LOW_CUT'

Data(H) Description

00 : FLAT
01 : 55Hz
02 : 110Hz
03 : 165Hz
04 : 200Hz
05 : 280Hz
06 : 340Hz
07 : 400Hz
08 : 500Hz
09 : 630Hz
0A : 800Hz

Table 'MASTER_BEAT'

Data(H) Description

00 : 1/1
01 : 2/1
02 : 3/1
03 : 4/1
04 : 5/1
05 : 6/1
06 : 7/1
07 : 8/1

Data(H) Description

08 : 1/2
09 : 2/2
0A : 3/2
0B : 4/2
0C : 5/2
0D : 6/2
0E : 7/2
0F : 8/2

Data(H) Description

10 : 1/4
11 : 2/4
12 : 3/4
13 : 4/4
14 : 5/4
15 : 6/4
16 : 7/4
17 : 8/4

Data(H) Description

18 : 1/8
19 : 2/8
1A : 3/8
1B : 4/8
1C : 5/8
1D : 6/8
1E : 7/8
1F : 8/8

Table 'FX_CHAIN'

Data(H) Description

00 : COMP
01 : SEND/RETURN
02 : PREAMP A
03 : PREAMP B
04 : EQ
05 : FX1
06 : FX2
07 : DELAY
08 : CHORUS
09 : REVERB
0A : ACCEL
0B : PEDAL FX
0C : FOOT VOLUME
0D : NS1
0E : NS2
0F : OD/DS
10 : USB
11 : DIV1
12 : MIX1_DIV2
13 : MIX2

* All the data of "FX_CHAIN: POSITION" must not conflict.

* The order of "FX_CHAIN: POSITION" must be DIV1 < MIX1_DIV2 < MIX2.

* To assign PREAMP A and/or FXs in CH.A, place the data between DIV1 and MIX1_DIV2.

* To assign PREAMP B and/or FXs in CH.B, place the data between MIX1_DIV2 and MIX2.

Table 'MANUAL_MODE'

Data(H) Description

00 : OFF
01 : ACCEL
02 : PL (PHRASE LOOP)
03 : PL R/P
04 : PL S/P
05 : PL CLR
06 : CH A/B
07 : OD SOLO
08 : A/B SOLO
09 : A&B SOLO
0A : CMP
0B : OD
0C : PREAMP
0D : EQ
0E : FX1
0F : FX2

Data(H) Description

10 : DLY
11 : CHO
12 : REV
13 : PDL FX
14 : S/R
15 : AMP CTL
16 : TUNER
17 : MANUAL
18 : BPM TAP
19 : DLY TAP
1A : MIDI (MIDI START)
1B : MMC PLAY
1C : LEV +10
1D : LEV +20
1E : LEV -10
1F : LEV -20

Data(H) Description

20 : NUM INC
21 : NUM DEC
22 : BANK INC
23 : BANK DEC

Table 'CTL PEDAL FUNC'

Data(H)	Description	Data(H)	Description	Data(H)	Description
00	: OFF	10	: DELAY	20	: NUMBER INC
01	: ACCEL	11	: CHORUS	21	: NUMBER DEC
02	: P.LOOP ON/OFF *	12	: REVERB	22	: BANK INC *
03	: P.LOOP REC/PLY *	13	: PEDAL FX	23	: BANK DEC *
04	: P.LOOP STP/PLY *	14	: SEND/RETURN *	24	: LED ON/OFF *
05	: P.LOOP CLEAR *	15	: AMP CTL	25	: FAVORITE INC #
06	: DIV CH SELECT	16	: TUNER	26	: FAVORITE DEC #
07	: OD/DS SOLO	17	: MANUAL MODE *		
08	: A/B SOLO	18	: BPM TAP		
09	: A&B SOLO	19	: DELAY TAP		
0A	: COMP	1A	: MIDI START		
0B	: OD/DS	1B	: MMC PLAY		
0C	: PREAMP	1C	: LEVEL +10		
0D	: EQ	1D	: LEVEL +20		
0E	: FX1	1E	: LEVEL -10		
0F	: FX2	1F	: LEVEL -20		

* GT-100 only
GT-001 only

Table 'ASSIGN INT PDL TRIGGER'

Data(H)	Description
00	: PATCH CHANGE
01	: EXP PDL-LO
02	: EXP PDL-MID
03	: EXP PDL-HI
04	: EXP PDL SW * GT-100 only
05	: P.LOOP PEDAL * GT-100 only
06	: ACC/CTL PDL * GT-100 only
07	: SUB EXP PDL * GT-100 only
08	: SUB CTL1 PDL
09	: SUB CTL2 PDL
0A - 28	: CC# 1 - CC#31
29 - 48	: CC#64 - CC#95

Table 'ASSIGN SOURCE'

Data(H)	Description
00	: EXP PEDAL
01	: EXP PDL SW * GT-100 only
02	: P.LOOP PEDAL * GT-100 only
03	: ACC/CTL PDL * GT-100 only
04	: SUB EXP PDL * GT-100 only
05	: SUB CTL1 PDL * CTL1 PDL on GT-001
06	: SUB CTL2 PDL * CTL2 on GT-001
07	: INT PEDAL
08	: WAVE PEDAL
09	: INPUT LEVEL
0A - 28	: CC# 1 - CC#31
29 - 48	: CC#64 - CC#95
49	: NUM PEDAL * GT-100 only

MIDI Implementation

Table "ASSIGN TARGET"

Data(H) Description			
00 00 : COMP: ON/OFF	00 67 : FX1 T.WAH: EFFECT LEVEL	01 50 : FX1 P.SHIFT: PS1 F.BACK	02 38 : FX2 A.WAH: RATE
00 01 : COMP: TYPE	00 68 : FX1 T.WAH: DIRECT MIX	01 51 : FX1 P.SHIFT: DIRECT MIX	02 3C : FX2 A.WAH: DEPTH
00 02 : COMP: SUSTAIN	00 69 : FX1 A.WAH: MODE	01 52 : FX1 HARM: VOICE	02 3D : FX2 A.WAH: EFFECT LEVEL
00 03 : COMP: ATTACK	00 6A : FX1 A.WAH: FREQ	01 53 : FX1 HARM: HR1 HARMONY	02 3E : FX2 A.WAH: DIRECT MIX
00 04 : COMP: TONE	00 6B : FX1 A.WAH: PEAK	01 54 : FX1 HARM: HR1 PRE DLY	02 3F : FX2 SUB WAH: TYPE
00 05 : COMP: LEVEL	00 6C : FX1 A.WAH: RATE	01 55 : FX1 HARM: HR1 LEVEL	02 40 : FX2 SUB WAH: PDL POS
00 06 : OD/DS: ON/OFF	00 6D : FX1 A.WAH: DEPTH	01 56 : FX1 HARM: HR2 HARMONY	02 41 : FX2 SUB WAH: PEDAL MIN
00 07 : OD/DS: TYPE	00 6E : FX1 A.WAH: EFFECT LEVEL	01 57 : FX1 HARM: HR2 PRE DLY	02 42 : FX2 SUB WAH: PEDAL MAX
00 08 : OD/DS: DRIVE	00 6F : FX1 A.WAH: DIRECT MIX	01 58 : FX1 HARM: HR2 LEVEL	02 43 : FX2 SUB WAH: EFFECT LEVEL
00 09 : OD/DS: BOTTOM	00 70 : FX1 SUB WAH: TYPE	01 59 : FX1 HARM: HR1 F.BACK	02 44 : FX2 SUB WAH: DIRECT MIX
00 0A : OD/DS: TONE	00 71 : FX1 SUB WAH: PDL POS	01 5A : FX1 HARM: DIRECT MIX	02 45 : FX2 ADV CMP: TYPE
00 0B : OD/DS: SOLO SW	00 72 : FX1 SUB WAH: PEDAL MIN	01 5B : FX1 S.HOLD: HOLD	02 46 : FX2 ADV CMP: SUSTAIN
00 0C : OD/DS: SOLO LEVEL	00 73 : FX1 SUB WAH: PEDAL MAX	01 5C : FX1 S.HOLD: RISE TIME	02 47 : FX2 ADV CMP: ATTACK
00 0D : OD/DS: EFFECT LEVEL	00 74 : FX1 SUB WAH: EFFECT LEVEL	01 5D : FX1 S.HOLD: EFFECT LEVEL	02 48 : FX2 ADV CMP: TONE
00 0E : OD/DS: DIRECT MIX	00 75 : FX1 SUB WAH: DIRECT MIX	01 5E : FX1 AC.PRO: TYPE	02 49 : FX2 ADV CMP: LEVEL
00 0F : OD/DS: CUSTOM TYPE	00 76 : FX1 ADV CMP: TYPE	01 5F : FX1 AC.PRO: BASS	02 4A : FX2 LIMITER: TYPE
00 10 : OD/DS: CUSTOM BOTTOM	00 77 : FX1 ADV CMP: SUSTAIN	01 60 : FX1 AC.PRO: MIDDLE	02 4B : FX2 LIMITER: ATTACK
00 11 : OD/DS: CUSTOM TOP	00 78 : FX1 ADV CMP: ATTACK	01 61 : FX1 AC.PRO: MIDDLE FREQ	02 4C : FX2 LIMITER: THRES
00 12 : OD/DS: CUSTOM LOW	00 79 : FX1 ADV CMP: TONE	01 62 : FX1 AC.PRO: TREBLE	02 4D : FX2 LIMITER: RATIO
00 13 : OD/DS: CUSTOM HIGH	00 7A : FX1 ADV CMP: LEVEL	01 63 : FX1 AC.PRO: PRES	02 4E : FX2 LIMITER: RELEASE
00 14 : OD/DS: CUSTOM CHAR	00 7B : FX1 LIMITER: TYPE	01 64 : FX1 AC.PRO: LEVEL	02 4F : FX2 LIMITER: LEVEL
00 15 : PREAMP: ON/OFF	00 7C : FX1 LIMITER: ATTACK	01 65 : FX1 PHASER: TYPE	02 50 : FX2 OD/DS: TYPE
00 16 : PREAMP A: TYPE	00 7D : FX1 LIMITER: THRES	01 66 : FX1 PHASER: RATE	02 51 : FX2 OD/DS: DRIVE
00 17 : PREAMP A: GAIN	00 7E : FX1 LIMITER: RATIO	01 67 : FX1 PHASER: DEPTH	02 52 : FX2 OD/DS: BOTTOM
00 18 : PREAMP A: T-COMP	00 7F : FX1 LIMITER: RELEASE	01 68 : FX1 PHASER: MANUAL	02 53 : FX2 OD/DS: TONE
00 19 : PREAMP A: BASS	01 00 : FX1 LIMITER: LEVEL	01 69 : FX1 PHASER: RESO	02 54 : FX2 OD/DS: SOLO SW
00 1A : PREAMP A: MIDDLE	01 01 : FX1 OD/DS: TYPE	01 6A : FX1 PHASER: STEP RATE	02 55 : FX2 OD/DS: SOLO LEVEL
00 1B : PREAMP A: TREBLE	01 00 : FX1 LIMITER: LEVEL	01 6B : FX1 PHASER: EFFECT LEVEL	02 56 : FX2 OD/DS: EFFECT LEVEL
00 1C : PREAMP A: PRES	01 01 : FX1 OD/DS: TYPE	01 6C : FX1 PHASER: DIRECT MIX	02 57 : FX2 OD/DS: DIRECT MIX
00 1D : PREAMP A: LEVEL	01 02 : FX1 OD/DS: DRIVE	01 6D : FX1 FLANGER: RATE	02 58 : FX2 GEO: 31Hz
00 1E : PREAMP A: BRIGHT	01 03 : FX1 OD/DS: BOTTOM	01 6E : FX1 FLANGER: DEPTH	02 59 : FX2 GEO: 62Hz
00 1F : PREAMP A: GAIN SW	01 04 : FX1 OD/DS: TONE	01 6F : FX1 FLANGER: MANUAL	02 5A : FX2 GEO: 125Hz
00 20 : PREAMP A: SOLO SW	01 05 : FX1 OD/DS: SOLO SW	01 70 : FX1 FLANGER: RESO	02 5B : FX2 GEO: 250Hz
00 21 : PREAMP A: SOLO LEVEL	01 06 : FX1 OD/DS: SOLO LEVEL	01 71 : FX1 FLANGER: SEPARATION	02 5C : FX2 GEO: 500Hz
00 22 : PREAMP A: SP TYPE	01 07 : FX1 OD/DS: EFFECT LEVEL	01 72 : FX1 FLANGER: LOW CUT	02 5D : FX2 GEO: 1KHz
00 23 : PREAMP A: MIC TYPE	01 08 : FX1 OD/DS: DIRECT MIX	01 73 : FX1 FLANGER: EFFECT LEVEL	02 5E : FX2 GEO: 2KHz
00 24 : PREAMP A: MIC DIST	01 09 : FX1 GEO: 31Hz	01 74 : FX1 FLANGER: DIRECT MIX	02 5F : FX2 GEO: 4KHz
00 25 : PREAMP A: MIC POS	01 0A : FX1 GEO: 62Hz	01 75 : FX1 TREMOLO: WAVE SHAPE	02 60 : FX2 GEO: 8KHz
00 26 : PREAMP A: MIC LEVEL	01 0B : FX1 GEO: 125Hz	01 76 : FX1 TREMOLO: RATE	02 61 : FX2 GEO: 16KHz
00 27 : PREAMP A: DIRECT MIX	01 0C : FX1 GEO: 250Hz	01 77 : FX1 TREMOLO: DEPTH	02 62 : FX2 GEO: LEVEL
00 28 : PREAMP A: CUSTOM TYPE	01 0D : FX1 GEO: 500Hz	01 78 : FX1 TREMOLO: LEVEL	02 63 : FX2 PEQ: LOW CUT
00 29 : PREAMP A: CUSTOM BOTTOM	01 0E : FX1 GEO: 1KHz	01 79 : FX1 ROTARY: SPEED SELECT	02 64 : FX2 PEQ: LOW GAIN
00 2A : PREAMP A: CUSTOM EDGE	01 0F : FX1 GEO: 2KHz	01 7A : FX1 ROTARY: RATE SLOW	02 65 : FX2 PEQ: LOW-MID FREQ
00 2B : (reserved)	01 10 : FX1 GEO: 4KHz	01 7B : FX1 ROTARY: RATE FAST	02 66 : FX2 PEQ: LOW-MID Q
00 2C : (reserved)	01 11 : FX1 GEO: 8KHz	01 7C : FX1 ROTARY: RISE TIME	02 67 : FX2 PEQ: LOW-MID GAIN
00 2D : PREAMP A: CUSTOM LOW	01 12 : FX1 GEO: 16KHz	01 7D : FX1 ROTARY: FALL TIME	02 68 : FX2 PEQ: HI-MID FREQ
00 2E : PREAMP A: CUSTOM HIGH	01 13 : FX1 GEO: LEVEL	01 7E : FX1 ROTARY: DEPTH	02 69 : FX2 PEQ: HI-MID Q
00 2F : PREAMP A: CUSTOM CHAR	01 14 : FX1 PEQ: LOW CUT	01 7F : FX1 ROTARY: LEVEL	02 6A : FX2 PEQ: HI-MID GAIN
00 30 : PREAMP A: SPCSTM SIZE	01 15 : FX1 PEQ: LOW GAIN	02 00 : FX1 UNIV: RATE	02 6B : FX2 PEQ: HIGH CUT
00 31 : PREAMP A: SPCSTM COLOR L	01 16 : FX1 PEQ: LOW-MID FREQ	02 01 : FX1 UNIV: DEPTH	02 6C : FX2 PEQ: HIGH GAIN
00 32 : PREAMP A: SPCSTM COLOR H	01 17 : FX1 PEQ: LOW-MID Q	02 02 : FX1 UNIV: LEVEL	02 6D : FX2 PEQ: LEVEL
00 33 : PREAMP A: SPCSTM SP NUM	01 18 : FX1 PEQ: LOW-MID GAIN	02 03 : FX1 PAN: TYPE	02 6E : FX2 ToneMOD: TYPE
00 34 : PREAMP A: SPCSTM CABINET	01 19 : FX1 PEQ: HI-MID FREQ	02 04 : FX1 PAN: WAVE SHAPE	02 6F : FX2 ToneMOD: RESO
00 35 : PREAMP B: TYPE	01 1A : FX1 PEQ: HI-MID Q	02 05 : FX1 PAN: RATE	02 70 : FX2 ToneMOD: LOW
00 36 : PREAMP B: GAIN	01 1B : FX1 PEQ: HI-MID GAIN	02 06 : FX1 PAN: DEPTH	02 71 : FX2 ToneMOD: HIGH
00 37 : PREAMP B: T-COMP	01 1C : FX1 PEQ: HIGH CUT	02 07 : FX1 PAN: POS	02 72 : FX2 ToneMOD: LEVEL
00 38 : PREAMP B: BASS	01 1D : FX1 PEQ: HIGH GAIN	02 08 : FX1 PAN: LEVEL	02 73 : FX2 GTR SIM: TYPE
00 39 : PREAMP B: MIDDLE	01 1E : FX1 PEQ: LEVEL	02 09 : FX1 SLICER: PATTERN	02 74 : FX2 GTR SIM: LOW
00 3A : PREAMP B: TREBLE	01 1F : FX1 ToneMOD: TYPE	02 0A : FX1 SLICER: RATE	02 75 : FX2 GTR SIM: HIGH
00 3B : PREAMP B: PRES	01 20 : FX1 ToneMOD: RESO	02 0B : FX1 SLICER: TRIGGER SENS	02 76 : FX2 GTR SIM: BODY
00 3C : PREAMP B: LEVEL	01 21 : FX1 ToneMOD: LOW	02 0C : FX1 SLICER: EFFECT LEVEL	02 77 : FX2 GTR SIM: LEVEL
00 3D : PREAMP B: BRIGHT	01 22 : FX1 ToneMOD: HIGH	02 0D : FX1 SLICER: DIRECT MIX	02 78 : FX2 SL.GEAR: SENS
00 3E : PREAMP B: GAIN SW	01 23 : FX1 ToneMOD: LEVEL	02 0E : FX1 VIBRATO: RATE	02 79 : FX2 SL.GEAR: RISE TIME
00 3F : PREAMP B: SOLO SW	01 24 : FX1 GTR SIM: TYPE	02 0F : FX1 VIBRATO: DEPTH	02 7A : FX2 SL.GEAR: LEVEL
00 40 : PREAMP B: SOLO LEVEL	01 25 : FX1 GTR SIM: LOW	02 10 : FX1 VIBRATO: TRIGGER	02 7B : FX2 DEFRET: TONE
00 41 : PREAMP B: SP TYPE	01 26 : FX1 GTR SIM: HIGH	02 11 : FX1 VIBRATO: RISE TIME	02 7C : FX2 DEFRET: SENS
00 42 : PREAMP B: MIC TYPE	01 27 : FX1 GTR SIM: BODY	02 12 : FX1 VIBRATO: LEVEL	02 7D : FX2 DEFRET: ATTACK
00 43 : PREAMP B: MIC DIST	01 28 : FX1 GTR SIM: LEVEL	02 13 : FX1 RINGMOD: MODE	02 7E : FX2 DEFRET: DEPTH
00 44 : PREAMP B: MIC POS	01 29 : FX1 SL.GEAR: SENS	02 14 : FX1 RINGMOD: FREQ	02 7F : FX2 DEFRET: RESO
00 45 : PREAMP B: MIC LEVEL	01 2A : FX1 SL.GEAR: RISE TIME	02 15 : FX1 RINGMOD: EFFECT LEVEL	03 00 : FX2 DEFRET: EFFECT LEVEL
00 46 : PREAMP B: DIRECT MIX	01 2B : FX1 SL.GEAR: LEVEL	02 16 : FX1 RINGMOD: DIRECT MIX	03 01 : FX2 DEFRET: DIRECT MIX
00 47 : PREAMP B: CUSTOM TYPE	01 2C : FX1 DEFRET: TONE	02 17 : FX1 HUMAN: MODE	03 00 : FX2 DEFRET: EFFECT LEVEL
00 48 : PREAMP B: CUSTOM BOTTOM	01 2D : FX1 DEFRET: SENS	02 18 : FX1 HUMAN: VOWEL 1	03 01 : FX2 DEFRET: DIRECT MIX
00 49 : PREAMP B: CUSTOM EDGE	01 2E : FX1 DEFRET: ATTACK	02 19 : FX1 HUMAN: VOWEL 2	03 02 : FX2 WAV SYN: WAVE
00 4A : (reserved)	01 2F : FX1 DEFRET: DEPTH	02 1A : FX1 HUMAN: SENS	03 03 : FX2 WAV SYN: CUTOFF
00 4B : (reserved)	01 30 : FX1 DEFRET: RESO	02 1B : FX1 HUMAN: RATE	03 04 : FX2 WAV SYN: RESO
00 4C : PREAMP B: CUSTOM LOW	01 31 : FX1 DEFRET: EFFECT LEVEL	02 1C : FX1 HUMAN: DEPTH	03 05 : FX2 WAV SYN: FILTER SENS
00 4D : PREAMP B: CUSTOM HIGH	01 32 : FX1 DEFRET: DIRECT MIX	02 1D : FX1 HUMAN: MANUAL	03 06 : FX2 WAV SYN: FILTER DECAY
00 4E : PREAMP B: CUSTOM CHAR	01 33 : FX1 WAV SYN: WAVE	02 1E : FX1 HUMAN: LEVEL	03 07 : FX2 WAV SYN: FILTER DEPTH
00 4F : PREAMP B: SPCSTM SIZE	01 34 : FX1 WAV SYN: CUTOFF	02 1F : FX1 2x2CHO: XOVER FREQ	03 08 : FX2 WAV SYN: SYNTH LEVEL
00 50 : PREAMP B: SPCSTM COLOR L	01 35 : FX1 WAV SYN: RESO	02 20 : FX1 2x2CHO: LOW RATE	03 09 : FX2 WAV SYN: DIRECT MIX
00 51 : PREAMP B: SPCSTM COLOR H	01 36 : FX1 WAV SYN: FILTER SENS	02 21 : FX1 2x2CHO: LOW DEPTH	03 0A : FX2 SitarSIM: TONE
00 52 : PREAMP B: SPCSTM SP NUM	01 37 : FX1 WAV SYN: FILTER DECAY	02 22 : FX1 2x2CHO: LOW PRE DLY	03 0B : FX2 SitarSIM: SENS
00 53 : PREAMP B: SPCSTM CABINET	01 38 : FX1 WAV SYN: FILTER DEPTH	02 23 : FX1 2x2CHO: LOW LEVEL	03 0C : FX2 SitarSIM: DEPTH
00 54 : EQ: ON/OFF	01 39 : FX1 WAV SYN: SYNTH LEVEL	02 24 : FX1 2x2CHO: HIGH RATE	03 0D : FX2 SitarSIM: RESO
00 55 : EQ: LOW CUT	01 3A : FX1 WAV SYN: DIRECT MIX	02 25 : FX1 2x2CHO: HIGH DEPTH	03 0E : FX2 SitarSIM: BUZZ
00 56 : EQ: LOW GAIN	01 3B : FX1 SitarSIM: TONE	02 26 : FX1 2x2CHO: HIGH PRE DLY	03 0F : FX2 SitarSIM: EFFECT LEVEL
00 57 : EQ: LOW-MID FREQ	01 3C : FX1 SitarSIM: SENS	02 27 : FX1 2x2CHO: HIGH LEVEL	03 10 : FX2 SitarSIM: DIRECT MIX
00 58 : EQ: LOW-MID GAIN	01 3D : FX1 SitarSIM: DEPTH	02 28 : FX1 SUB DLY: TYPE	03 11 : FX2 OCTAVE: RANGE
00 5A : EQ: HI-MID FREQ	01 3E : FX1 SitarSIM: RESO	02 29 : FX1 SUB DLY: DELAY TIME	03 12 : FX2 OCTAVE: OCTAVE LEVEL
00 5B : EQ: HI-MID Q	01 3F : FX1 SitarSIM: BUZZ	02 2A : FX1 SUB DLY: F.BACK	03 13 : FX2 OCTAVE: DIRECT MIX
00 5C : EQ: HI-MID GAIN	01 40 : FX1 SitarSIM: EFFECT LEVEL	02 2B : FX1 SUB DLY: HIGH CUT	03 14 : FX2 P.SHIFT: VOICE
00 5D : EQ: HIGH GAIN	01 41 : FX1 SitarSIM: DIRECT MIX	02 2C : FX1 SUB DLY: EFFECT LEVEL	03 15 : FX2 P.SHIFT: PS1 MODE
00 5E : EQ: HIGH CUT	01 42 : FX1 OCTAVE: RANGE	02 2D : FX1 SUB DLY: DIRECT MIX	03 16 : FX2 P.SHIFT: PS1 PITCH
00 5F : EQ: LEVEL	01 43 : FX1 OCTAVE: OCTAVE LEVEL	02 2E : FX1 SUB DLY: TAP TIME	03 17 : FX2 P.SHIFT: PS1 FINE
00 60 : FX1: ON/OFF	01 44 : FX1 OCTAVE: DIRECT MIX	02 2F : FX2: ON/OFF	03 18 : FX2 P.SHIFT: PS1 PRE DLY
00 61 : FX1: TYPE	01 45 : FX1 P.SHIFT: VOICE	02 30 : FX2: TYPE	03 19 : FX2 P.SHIFT: PS1 LEVEL
00 62 : FX1 T.WAH: MODE	01 46 : FX1 P.SHIFT: PS1 MODE	02 31 : FX2 T.WAH: MODE	03 1A : FX2 P.SHIFT: PS2 MODE
00 63 : FX1 T.WAH: POLARITY	01 47 : FX1 P.SHIFT: PS1 PITCH	02 32 : FX2 T.WAH: POLARITY	03 1B : FX2 P.SHIFT: PS2 PITCH
00 64 : FX1 T.WAH: SENS	01 48 : FX1 P.SHIFT: PS1 FINE	02 33 : FX2 T.WAH: SENS	03 1C : FX2 P.SHIFT: PS2 FINE
00 65 : FX1 T.WAH: FREQ	01 49 : FX1 P.SHIFT: PS1 PRE DLY	02 34 : FX2 T.WAH: FREQ	03 1D : FX2 P.SHIFT: PS2 PRE DLY
00 66 : FX1 T.WAH: PEAK	01 4A : FX1 P.SHIFT: PS1 LEVEL	02 35 : FX2 T.WAH: PEAK	03 1E : FX2 P.SHIFT: PS2 LEVEL
	01 4B : FX1 P.SHIFT: PS2 MODE	02 36 : FX2 T.WAH: EFFECT LEVEL	03 1F : FX2 P.SHIFT: PS1 F.BACK
	01 4C : FX1 P.SHIFT: PS2 PITCH	02 37 : FX2 T.WAH: DIRECT MIX	03 20 : FX2 P.SHIFT: DIRECT MIX
	01 4D : FX1 P.SHIFT: PS2 FINE	02 38 : FX2 A.WAH: MODE	03 21 : FX2 HARM: VOICE
	01 4E : FX1 P.SHIFT: PS2 PRE DLY	02 39 : FX2 A.WAH: FREQ	03 22 : FX2 HARM: HR1 HARMONY
	01 4F : FX1 P.SHIFT: PS2 LEVEL	02 3A : FX2 A.WAH: PEAK	03 23 : FX2 HARM: HR1 PRE DLY

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03 24 : FX2 HARM: HR1 LEVEL
03 25 : FX2 HARM: HR2 HARMONY
03 26 : FX2 HARM: HR2 PRE DLY
03 27 : FX2 HARM: HR2 LEVEL
03 28 : FX2 HARM: HR1 F.BACK
03 29 : FX2 HARM: DIRECT MIX
03 2A : FX2 S.HOLD: HOLD
03 2B : FX2 S.HOLD: RISE TIME
03 2C : FX2 S.HOLD: EFFECT LEVEL
03 2D : FX2 AC.PRO: TYPE
03 2E : FX2 AC.PRO: BASS
03 2F : FX2 AC.PRO: MIDDLE
03 30 : FX2 AC.PRO: MIDDLE FREQ
03 31 : FX2 AC.PRO: TREBLE
03 32 : FX2 AC.PRO: PRES
03 33 : FX2 AC.PRO: LEVEL
03 34 : FX2 PHASER: TYPE
03 35 : FX2 PHASER: RATE
03 36 : FX2 PHASER: DEPTH
03 37 : FX2 PHASER: MANUAL
03 38 : FX2 PHASER: RESO
03 39 : FX2 PHASER: STEP RATE
03 3A : FX2 PHASER: EFFECT LEVEL
03 3B : FX2 PHASER: DIRECT MIX
03 3C : FX2 FLANGER: RATE
03 3D : FX2 FLANGER: DEPTH
03 3E : FX2 FLANGER: MANUAL
03 3F : FX2 FLANGER: RESO
03 40 : FX2 FLANGER: SEPARATION
03 41 : FX2 FLANGER: LOW CUT
03 42 : FX2 FLANGER: EFFECT LEVEL
03 43 : FX2 FLANGER: DIRECT MIX
03 44 : FX2 TREMOLO: WAVE SHAPE
03 45 : FX2 TREMOLO: RATE
03 46 : FX2 TREMOLO: DEPTH
03 47 : FX2 TREMOLO: LEVEL
03 48 : FX2 ROTARY: SPEED SELECT
03 49 : FX2 ROTARY: RATE SLOW
03 4A : FX2 ROTARY: RATE FAST
03 4B : FX2 ROTARY: RISE TIME
03 4C : FX2 ROTARY: FALL TIME
03 4D : FX2 ROTARY: DEPTH
03 4E : FX2 ROTARY: LEVEL
03 4F : FX2 UNIV: RATE
03 50 : FX2 UNIV: DEPTH
03 51 : FX2 UNIV: LEVEL
03 52 : FX2 PAN: TYPE
03 53 : FX2 PAN: WAVE SHAPE
03 54 : FX2 PAN: RATE
03 55 : FX2 PAN: DEPTH
03 56 : FX2 PAN: POS
03 57 : FX2 PAN: LEVEL
03 58 : FX2 SLICER: PATTERN
03 59 : FX2 SLICER: RATE
03 5A : FX2 SLICER: TRIGGER SENS
03 5B : FX2 SLICER: EFFECT LEVEL
03 5C : FX2 SLICER: DIRECT MIX
03 5D : FX2 VIBRATO: RATE
03 5E : FX2 VIBRATO: DEPTH
03 5F : FX2 VIBRATO: TRIGGER
03 60 : FX2 VIBRATO: RISE TIME
03 61 : FX2 VIBRATO: LEVEL
03 62 : FX2 RINGMOD: MODE
03 63 : FX2 RINGMOD: FREQ
03 64 : FX2 RINGMOD: EFFECT LEVEL
03 65 : FX2 RINGMOD: DIRECT MIX
03 66 : FX2 HUMAN: MODE
03 67 : FX2 HUMAN: VOWEL 1
03 68 : FX2 HUMAN: VOWEL 2
03 69 : FX2 HUMAN: SENS
03 6A : FX2 HUMAN: RATE
03 6B : FX2 HUMAN: DEPTH
03 6C : FX2 HUMAN: MANUAL
03 6D : FX2 HUMAN: LEVEL
03 6E : FX2 2x2CHO: XOVER FREQ
03 6F : FX2 2x2CHO: LOW RATE
03 70 : FX2 2x2CHO: LOW DEPTH
03 71 : FX2 2x2CHO: LOW PRE DLY
03 72 : FX2 2x2CHO: LOW LEVEL
03 73 : FX2 2x2CHO: HIGH RATE
03 74 : FX2 2x2CHO: HIGH DEPTH
03 75 : FX2 2x2CHO: HIGH PRE DLY
03 76 : FX2 2x2CHO: HIGH LEVEL
03 77 : FX2 SUB DLY: TYPE
03 78 : FX2 SUB DLY: DELAY TIME
03 79 : FX2 SUB DLY: F.BACK
03 7A : FX2 SUB DLY: HIGH CUT
03 7B : FX2 SUB DLY: EFFECT LEVEL
03 7C : FX2 SUB DLY: DIRECT MIX
03 7D : FX2 SUB DLY: TAP TIME
03 7E : DELAY: ON/OFF
03 7F : DELAY: TYPE
04 00 : DELAY: DELAY TIME
04 01 : DELAY: F.BACK
04 02 : DELAY: HIGH CUT
04 03 : DELAY: EFFECT LEVEL
04 04 : DELAY: DIRECT MIX
04 05 : DELAY: PAN TAP TIME
04 06 : DELAY D1: TIME
04 07 : DELAY D1: F.BACK
04 08 : DELAY D1: HIGH CUT
04 09 : DELAY D1: LEVEL
04 0A : DELAY D2: TIME
04 0B : DELAY D2: F.BACK
04 0C : DELAY D2: HIGH CUT
04 0D : DELAY D2: LEVEL
04 0E : DELAY MOD: MOD RATE
04 0F : DELAY MOD: MOD DEPTH
04 10 : CHORUS: ON/OFF
04 11 : CHORUS: MODE
04 12 : CHORUS: RATE
04 13 : CHORUS: DEPTH
04 14 : CHORUS: PRE DELAY
04 15 : CHORUS: LOW CUT
04 16 : CHORUS: HIGH CUT
04 17 : CHORUS: EFFECT LEVEL
04 18 : REVERB: ON/OFF
04 19 : REVERB: TYPE
04 1A : REVERB: REVERB TIME
04 1B : REVERB: PRE DELAY
04 1C : REVERB: LOW CUT
04 1D : REVERB: HIGH CUT
04 1E : REVERB: DENSITY
04 1F : REVERB: EFFECT LEVEL
04 20 : REVERB: DIRECT MIX
04 21 : REVERB: SPRING SENS
04 22 : PEDAL FX: ON/OFF
04 23 : PEDAL P.B.: PITCH
04 24 : PEDAL P.B.: PDL POS
04 25 : PEDAL P.B.: EFFECT LEVEL
04 26 : PEDAL P.B.: DIRECT MIX
04 27 : PEDAL WAH: TYPE
04 28 : PEDAL WAH: PDL POS
04 29 : PEDAL WAH: PEDAL MIN
04 2A : PEDAL WAH: PEDAL MAX
04 2B : PEDAL WAH: EFFECT LEVEL
04 2C : PEDAL WAH: DIRECT MIX
04 2D : FOOT VOLUME: VOLUME CURVE
04 2E : FOOT VOLUME: VOLUME MIN
04 2F : FOOT VOLUME: VOLUME MAX
04 30 : FOOT VOLUME: LEVEL
04 31 : DIVIDER: MODE
04 32 : DIVIDER: CHANNEL SELECT
04 33 : DIVIDER: CHA DYNAMIC
04 34 : DIVIDER: CHA DYN SENS
04 35 : DIVIDER: CHA FILTER
04 36 : DIVIDER: CHA CUTOFF
04 37 : DIVIDER: CHb DYNAMIC
04 38 : DIVIDER: CHb DYN SENS
04 39 : DIVIDER: CHb FILTER
04 3A : DIVIDER: CHb CUTOFF
04 3B : MIXER: MODE
04 3C : MIXER: CHa/B BALANCE
04 3D : MIXER: SPREAD
04 3E : SEND/ RETURN: ON/OFF
04 3F : SEND/ RETURN: MODE
04 40 : SEND/ RETURN: SEND LEVEL
04 41 : SEND/ RETURN: RETURN LEVEL
04 42 : AMP CTL: AMP CTL SW
04 43 : NS1: ON/OFF
04 44 : NS1: THRES
04 45 : NS1: RELEASE
04 46 : NS1: DETECT
04 47 : NS2: ON/OFF
04 48 : NS2: THRES
04 49 : NS2: RELEASE
04 4A : NS2: DETECT
04 4B : ACCEL: ON/OFF
04 4C : ACCEL: TYPE
04 4D : ACCEL S-BEND: PITCH
04 4E : ACCEL S-BEND: RISE TIME
04 4F : ACCEL S-BEND: FALL TIME
04 50 : ACCEL LASER: RATE
04 51 : ACCEL LASER: DEPTH
04 52 : ACCEL LASER: RISE TIME
04 53 : ACCEL LASER: FALL TIME
04 54 : ACCEL RING: FREQ
04 55 : ACCEL RING: RISE TIME
04 56 : ACCEL RING: FALL TIME
04 57 : ACCEL RING: RING LEVEL
04 58 : ACCEL RING: OCTAVE LEVEL
04 59 : ACCEL RING: DIRECT MIX
04 5A : ACCEL TWIST: LEVEL
04 5B : ACCEL TWIST: RISE TIME
04 5C : ACCEL TWIST: FALL TIME
04 5D : ACCEL WARP: LEVEL
04 5E : ACCEL WARP: RISE TIME
04 5F : ACCEL WARP: FALL TIME
04 60 : ACCEL F.BACK: MODE
04 61 : ACCEL F.BACK: DEPTH
04 62 : ACCEL F.BACK: RISE TIME
04 63 : ACCEL F.BACK: OCTAVE R.TIME
04 64 : ACCEL F.BACK: FB LEVEL
04 65 : ACCEL F.BACK: OCTAVE FB LEV
04 66 : ACCEL F.BACK: VIB RATE
04 67 : ACCEL F.BACK: VIB DEPTH
04 68 : MASTER: PATCH LEVEL
04 69 : MASTER: MASTER LOW
04 6A : MASTER: MASTER MID FREQ
04 6B : MASTER: MASTER MID Q
04 6C : MASTER: MASTER MID GAIN
04 6D : MASTER: MASTER HIGH
04 6E : BPM/KEY: MASTER BPM
04 6F : BPM/KEY: MASTER KEY
04 70 : TUNER: TUNER SW
04 71 : MANUAL: MANUAL MODE SW
04 72 : PHRASE LOOP: ON/OFF
04 73 : PHRASE LOOP: REC/ PLAY
04 74 : PHRASE LOOP: STOP/ PLAY
04 75 : PHRASE LOOP: CLEAR
04 76 : TAP: BPM TAP
04 77 : TAP: DELAY TAP
04 78 : MIDI: START/ STOP
04 79 : MIDI: MMC PLY /STOP
04 7A : PATCH: LEVEL +10
04 7B : PATCH: LEVEL +20
04 7C : PATCH: LEVEL -10
04 7D : PATCH: LEVEL -20
04 7E : PATCH: NUMBER INC
04 7F : PATCH: NUMBER DEC
05 00 : PATCH: BANK INC
05 01 : PATCH: BANK DEC
05 02 : PATCH: FAVORITE INC
05 03 : PATCH: FAVORITE DEC
05 04 : FX1: ACSIM: BODY
05 05 : FX1: ACSIM: LOW
05 06 : FX1: ACSIM: HIGH
05 07 : FX1: ACSIM: LEVEL
05 08 : FX1: ROTARY2: SPEED SEL
05 09 : FX1: ROTARY2: RATE SLOW
05 0A : FX1: ROTARY2: RATE FAST
05 0B : FX1: ROTARY2: DEPTH
05 0C : FX1: ROTARY2: RISE TIME
05 0D : FX1: ROTARY2: FALL TIME
05 0E : FX1: ROTARY2: BALANCE
05 0F : FX1: ROTARY2: LEVEL
05 10 : FX1: ROTARY2: DIRECT MIX
05 11 : FX2: ACSIM: BODY
05 12 : FX2: ACSIM: LOW
05 13 : FX2: ACSIM: HIGH
05 14 : FX2: ACSIM: LEVEL
05 15 : FX2: ROTARY2: SPEED SEL
05 16 : FX2: ROTARY2: RATE SLOW
05 17 : FX2: ROTARY2: RATE FAST
05 18 : FX2: ROTARY2: DEPTH
05 19 : FX2: ROTARY2: RISE TIME
05 1A : FX2: ROTARY2: FALL TIME
05 1B : FX2: ROTARY2: BALANCE
05 1C : FX2: ROTARY2: LEVEL
05 1D : FX2: ROTARY2: DIRECT MIX
05 1E : FX2: TERAECO: MODE
05 1F : FX2: TERAECO: S.TIME
05 20 : FX2: TERAECO: FEEDBACK
05 21 : FX2: TERAECO: EFFECT LEVEL
05 22 : FX2: TERAECO: TONE
05 23 : FX2: TERAECO: DIRECT MIX
05 24 : FX2: TERAECO: HOLD
05 25 : FX2: OVERTONE: UPPER LEVEL
05 26 : FX2: OVERTONE: LOWER LEVEL
05 27 : FX2: OVERTONE: DIRECT MIX
05 28 : FX2: OVERTONE: DETUNE
05 29 : FX2: OVERTONE: TONE
05 2A : CHORUS: DIRECT MIX
05 2B : FX1: 2x2CHO: DIRECT MIX
05 2C : FX2: 2x2CHO: DIRECT MIX
-----
* GT-100 only
* GT-100 only
* GT-100 only
* GT-100 only

```

MIDI Implementation

Table 'QUICK SETTING SOURCE'

Data(H)	Description
00	: PREAMP A
01	: PREAMP B
02	: OD/DS
03	: DELAY
04	: CHORUS
05	: REVERB
06	: COMP
07	: EQ
08	: PEFAL FX SBEND
09	: PEDAL FX WAH
0A	: SEND RETURN * GT-100 only
0B	: DIVIDER
0C	: FX1
0D	: FX2
0E	: ASSIGN1
0F	: ASSIGN2
10	: ASSIGN3
11	: ASSIGN4
12	: ASSIGN5
13	: ASSIGN6
14	: ASSIGN7
15	: ASSIGN8

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
Basic Channel Default Changed	1-16 1-16	1-16 1-16	Memorized
Mode Default Messages Altered	X X *****	OMNI ON/OFF X X	Memorized
Note Number : True Voice	0-127 *****	X *****	
Velocity Note On Note Off	O 9n V = 1-127 O 8n V = 64	X X	
After Touch Key's Channel's	X X	X X	
Pitch Bend	O	X	
Control Change	0, 32 O (0-3) 1-31 O 33-63 X 64-95 O	O *1 O *2 X O *2	Bank select
Program Change : True Number	O 0-99	O 0-127	Program No. 1-128
System Exclusive	O	O	
System Common : Song Position : Song Select : Tune Request	X X X	X X X	
System Real Time : Clock : Commands	X O	O X	
Aux Messages : All Sound Off : Reset All Controllers : Local On/Off : All Notes Off : Active Sensing : System Reset	X X X X O X	X X X X O X	
Notes	*1 CC#0 data of a value of 04H or higher, and the CC#32 are ignored. *2 Control changes 1-31 and 64-95 are recognized if they are assigned as a Source parameter (owner's manual) or to the EXP pedal (GT-100 only), the EXP PEDAL SW (GT-100 only), or the external EXP pedal.		

Mode 1 : OMNI ON, POLY
Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON, MONO
Mode 4 : OMNI OFF, MONO

O : Yes
X : No