

## MIDI Implementation

Model: GT-1000 / GT-1000CORE  
Date: Oct, 1st 2024  
Version: GT-1000 ver.4.00 / GT-1000CORE ver.2.00

1. Recognized data  
If "MENU:MIDI:MIDI SETTING:MIDI IN THRU" and "MENU:MIDI:MIDI SETTING:USB IN THRU" are set to anything other than "OFF," the received message will be transmitted as it is.

### [\*]Channel Voice Message

These messages are received if the "MENU:MIDI:MIDI SETTING:RX CHANNEL" setting matches the MIDI channel number of the incoming message.

### (\*)Control Change

#### (-)Bank Select

Status	2nd Byte	3rd Byte
BnH	00H	mmH
BnH	20H	00H

n = MIDI Channel Number: 0H ? FH (0 - 15) 0=ch.1 15=ch.16  
mm = Bank Number (MSB) : 00H - 02H (0 - 2)

\* After this unit starts up, it operates with 00H as the bank number until a bank select message is received.

#### (-)Control Change Number #1 - #31 (MSB), #33 - #63 (LSB), #64 - #95

Status	2nd Byte	3rd Byte
BnH	ccH	vvH

n = MIDI Channel Number: 0H ? FH (0 - 15) 0=ch.1 15=ch.16  
cc = Control Change Number: 01H - 1FH (MSB), 20H - 3FH (LSB), 40H - 5FH (1 - 31, 32 - 63, 64-95)  
vv = Value : 00H - 7FH (0 - 127)

\* Recognized if the "MENU:ASSIGN SETTING:SOURCE" setting is CC#1 - #31 or CC#64 - #95.

Target value = (parameter min) + (((cc value) - (ACT LOW)) \* (parameter range)) / ((ACT HIGH) - (ACT LOW))

### (\*)Program Change

Status	2nd Byte
CnH	ppH

n = MIDI Channel Number : 0H - FH (0 - 15) 0 = ch.1, 15 = ch.16  
pp = Program Number : 00H - 7FH (0 - 127)

\* This message switches to the patch that is specified by "MENU:MIDI:PROGRAM MAP."

### [\*]System Realtime Messages

#### (\*)Timing Clock

Status
F8H

\* Recognized if the "MENU:MIDI:MIDI SETTING:SYNC CLOCK" setting is other than INTERNAL.

#### (\*)Active Sensing

Status
FEH

\* When an Active Sensing message is received, the interval of all subsequent messages will begin to be monitored.  
When the message interval is being monitored, and the interval exceeds 400 ms, the display indicates "MIDI OFFLINE" and the unit returns to a state in which message interval is not monitored.

### [\*]System Exclusive Messages

Status	Data Byte	Status
F0H,	iiH, dev, ddH, ..., eeH,	F7H

Byte	Explanation
F0H:	System Exclusive Message status
iiH:	ID number
41H:	Roland's manufacturer ID
7EH:	Universal Non-realtime message
dev:	Device ID (dev: 00H-1FH, 7FH) * 7FH = Broadcast
dd, ..., ee = data:	00H-7FH(0-127)
F7H:	E0X (End of Exclusive)

### (\*)Universal Non-Realtime System Exclusive Messages

#### (-)Identity Request Message (Device Inquiry)

Status	Data Byte	Status
F0H,	7EH, dev, 06H, 01H, F7H	

Byte	Explanation
F0H:	System Exclusive Message status
7EH:	Universal Non-realtime Message
dev:	Device ID (dev: 00H-1FH, 7FH) * 7FH = Broadcast
06H:	Sub ID # 1 (General Information)
01H:	Sub ID # 2 (Identity Request)
F7H:	E0X (End of Exclusive)

When this message is received, this unit transmits the prescribed identity reply message (see transmitted data).

### (\*)One Way Communication

#### (-)Request Data 1 RQ1 (11H)

Status	Data Byte
Status	
F0H,	41H, dev, 00H, 00H, 00H, 4FH, 11H, aaH, bbH, ccH, ddH, ssH, ttH, uuH, vvH, sum, F7H

Byte	Explanation
F0H:	System Exclusive Message status

41H:	Manufacturer ID (Roland)
dev:	Device ID (00H-1FH, 7FH) * 7FH = Broadcast
00H:	Model ID # 1 (GT-1000/GT-1000CORE)
00H:	Model ID # 2 (GT-1000/GT-1000CORE)
00H:	Model ID # 3 (GT-1000/GT-1000CORE)
4FH:	Model ID # 4 (GT-1000/GT-1000CORE)
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:	E0X (End of Exclusive)

#### (-)Data Set 1 DT1 (12H)

Status	Data Byte
Status	
F0H,	41H, dev, 00H, 00H, 00H, 4FH, 12H, aaH, bbH, ccH, ddH, eeH, ... hhH, sum, F7H

#### Byte Explanation

F0H:	System Exclusive Message status
41H:	Manufacturer ID (Roland)
dev:	Device ID (00H-1FH, 7FH) * 7FH = Broadcast
00H:	Model ID # 1 (GT-1000/GT-1000CORE)
00H:	Model ID # 2 (GT-1000/GT-1000CORE)
00H:	Model ID # 3 (GT-1000/GT-1000CORE)
4FH:	Model ID # 4 (GT-1000/GT-1000CORE)
12H:	Command ID (DT1)
aaH:	Address MSB
bbH:	Address
ccH:	Address
ddH:	Address LSB
eeH:	Data
:	
ffH:	Data
sum:	Checksum
F7H:	E0X (End of Exclusive)

## 2. Transmitted data

### [\*]Channel Voice Messages

\* Set the channel voice message transmit MIDI channel number to "MENU:MIDI:MIDI SETTING:TX CHANNEL."

### (\*)Control Change

#### (-)Bank Select

Status	2nd Byte	3rd Byte
BnH	00H	mmH
BnH	20H	11H

n = MIDI Channel Number: 0H - FH (0 - 15) 0=ch.1 15=ch.16  
mm = Bank Number (MSB): 00H - 7FH (0 - 127)  
11 = Bank Number (LSB): 00H - 7FH (0 - 127)

#### (-)Control Change Number #0 - #127

Status	2nd Byte	3rd Byte
BnH	ccH	vvH

n = MIDI Channel Number: 0H - FH (0 - 15) 0=ch.1 15=ch.16  
cc = Control Change Number: 01H - 7FH (0 - 127)  
vv = Value : 00H - 7FH (0 - 127)

\* When you operate a controller, the CC# specified by "MENU:MIDI:MIDI SETTING:NUM1 CC# - EXP3 CC#" is transmitted.  
\* You can send the CC# messages by setting ASSIGN.

### (\*)Program Change

Status	2nd Byte
CnH	ppH

n = MIDI Channel Number: 0H - FH (0 - 15) 0 = ch.1 15 = ch.16  
pp = Program Number: 00H - 7FH (0 - 127)

\* Depending on the setting of the "MENU:CONTROL/ASSIGN:PATCH MIDI," this message is transmitted when you switch patches.

### [\*]System Realtime Message

#### (\*)Timing Clock

Status
F8H

\* If both "MENU:MIDI:MIDI SETTING:SYNC CLOCK" = INTERNAL and "MENU:MIDI:MIDI SETTING:CLOCK OUT" = ON, this message is transmitted at intervals corresponding to the tempo.  
\* If the "MENU:MIDI:SYNC LOCK" setting is other than INTERNAL, this message is transmitted when timing clock messages corresponding to the setting are received.

### (\*)Start

Status
FAH

\* This is transmitted at the time of controller operation when "MENU:CONTROL ASSIGN:CONTROL FUNCTION:\*\*\*" is set to "MIDI START."

### (\*)Stop

Status
FCH

\* This is transmitted at the time of controller operation when "MENU:CONTROL ASSIGN:CONTROL FUNCTION:\*\*\*" is set to "MIDI START."

### (\*)Active Sensing

Status
FEH

\* This message is always transmitted at intervals of approximately 250 ms.

3. System Exclusive Address Map

GT-1000/GT-1000CORE (Model ID : 00H 00H 00H 4FH)

(\*) : GT-1000 only  
 (\*\*): GT-1000CORE only

Start Address	Description	
00 00 00 00	common	[SystemCommon]
00 00 10 00	control	[SystemControl]
00 00 30 00	midi	[SystemMidi]
00 00 40 00	inout	[SystemInOut]
00 00 50 00	efct	[SystemEfct]
00 00 60 00	pitch	[SystemPitch]
00 00 70 00	control	[SystemControl2]
00 01 00 00	inputSetting 1	[SystemInputSetting]
00 01 01 00	inputSetting 2	[SystemInputSetting]
:	:	:
00 01 09 00	inputSetting 10	[SystemInputSetting]
00 10 00 00	bank1	[PcmapPc]
00 10 04 00	bank2	[PcmapPc]
00 10 08 00	bank3	[PcmapPc]
00 10 0C 00	bank4	[PcmapPc]
00 20 00 00	(Reserved)	
00 20 00 40	(Reserved)	
00 20 01 00	efct	[SetupEfct]
10 00 00 00	patch (temporary patch)	[Patch]
10 01 00 00	patch2 (temporary patch)	[Patch2]
10 02 00 00	patch3 (temporary patch)	[Patch3]
20 00 00 00	patch 1 (user patch)	[Patch]
20 01 00 00	patch 2 (user patch)	[Patch]
:	:	:
21 79 00 00	patch 250 (user patch)	[Patch]
21 7A 00 00	patch2 1 (user patch)	[Patch2]
21 7B 00 00	patch2 2 (user patch)	[Patch2]
:	:	:
23 73 00 00	patch2 250(user patch)	[Patch2]
23 74 00 00	patch3 1 (user patch)	[Patch3]
23 75 00 00	patch3 2 (user patch)	[Patch3]
:	:	:
25 6D 00 00	patch3 250(user patch)	[Patch3]
28 00 00 00	patch (PEDALBOARD(*))	[Patch]
28 01 00 00	patch2 (PEDALBOARD(*))	[Patch2]
28 02 00 00	patch3 (PEDALBOARD(*))	[Patch3]
30 00 00 00	patch 1 (StompBox)	[Patch]
30 01 00 00	patch 2 (StompBox)	[Patch]
:	:	:
30 09 00 00	patch 10 (StompBox)	[Patch]
30 0A 00 00	common 1 (StompBox)	[StompBoxCommon]
30 0B 00 00	common 2 (StompBox)	[StompBoxCommon]
:	:	:
30 13 00 00	common 10 (StompBox)	[StompBoxCommon]
30 14 00 00	common2 1 (StompBox)	[StompBoxCommon2]
30 15 00 00	common2 2 (StompBox)	[StompBoxCommon2]
:	:	:
30 1D 00 00	common2 10(StompBox)	[StompBoxCommon2]
30 1E 00 00	patch2 1 (StompBox)	[Patch2]
30 1F 00 00	patch2 2 (StompBox)	[Patch2]
:	:	:
30 27 00 00	patch2 10 (StompBox)	[Patch2]
30 28 00 00	common3 1 (StompBox)	[StompBoxCommon3]
30 29 00 00	common3 2 (StompBox)	[StompBoxCommon3]
:	:	:
30 31 00 00	common3 10(StompBox)	[StompBoxCommon3]
30 32 00 00	patch3 1 (StompBox)	[Patch3]
30 33 00 00	patch3 2 (StompBox)	[Patch3]
:	:	:
30 3B 00 00	patch3 10 (StompBox)	[Patch3]

[\*]System Exclusive Message  
 Status Data Byte Status  
 FOH, 41H, ddH, ..., eeH, F7H

Byte Explanation  
 FOH: System Exclusive Message status  
 41H: Roland's manufacturer ID  
 dd, ..., ee = data: 00H-7FH(0-127)  
 F7H: EOX (End of Exclusive)

(\*)Universal Non-realtime System Exclusive Message

(-)Identity Reply Message

Status Data Byte  
 Status  
 FOH, 7EH, dev, 06H, 02H, 41H, 4FH, 03H, 00H, 00H, nnH, 00H, vvH, 00H, F7

Byte Explanation  
 FOH: System Exclusive Message 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 Reply)  
 41H: Roland's manufacturer ID  
 4FH,03H: Device family code (GT-1000/GT-1000CORE)  
 00H,00H: Device family number code LSB, MSB  
 nnH: Software revision level # 1 (GT-1000:00H,GT-1000L:01H,GT-1000CORE:02H)  
 00H: Software revision level # 2  
 vvH: Software revision level # 3 (GT-1000:01H,GT-1000L:01H,GT-1000CORE:00H)  
 00H: Software revision level # 4  
 F7H: EOX (End of Exclusive)

\* This message is transmitted when an identity request message is received.

(\*)MIDI Machine Control Command STOP (MCS)

Status Data Byte Status  
 FOH, 7FH, Dev, 06H, 01H, F7H

Byte Explanation  
 FOH: 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 "MENU:CONTROL ASSIGN:CONTROL FUNCTION:\*\*\*" is set to "MMC PLAY."

(\*)MIDI Machine Control Command PLAY (MCS)

Status Data Byte Status  
 FOH, 7FH, Dev, 06H, 03H, F7H

Byte Explanation  
 FOH: 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 "MENU:CONTROL ASSIGN:CONTROL FUNCTION:\*\*\*" is set to "MMC PLAY."

(\*)One Way Communication

(-)Data Set 1 DT1 (12H)

Status Data Byte  
 Status  
 FOH, 41H, dev, 00H, 00H, 00H, 4FH, 12H, aaH, bbH, ccH, ddH, eeH, ... hhH, sum, F7H

Byte Explanation  
 FOH: System Exclusive Message status  
 41H: Roland's manufacturer ID  
 dev: Device ID (00H-1FH)  
 00H: Model ID # 1 (GT-1000/GT-1000CORE)  
 00H: Model ID # 2 (GT-1000/GT-1000CORE)  
 00H: Model ID # 3 (GT-1000/GT-1000CORE)  
 4FH: Model ID # 4 (GT-1000/GT-1000CORE)  
 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)

\* [Patch]

Offset	Address	Description	
00 00 00	common		[PatchCommon]
00 01 00	stompBox		[PatchStompBox]
00 02 00	led		[PatchLed]
00 03 00	assign 1		[Assign]
00 03 40	assign 2		[Assign]
:			
00 0A 40	assign 16		[Assign]
00 0B 00	(Reserved)		
00 10 00	efct		[PatchEfct]
00 12 00	comp		[PatchComp]
00 13 00	dist1		[PatchDist1]
00 14 00	dist2		[PatchDist2]
00 15 00	preampA		[PatchPreampA]
00 16 00	preampB		[PatchPreampB]
00 17 00	ns1		[PatchNs1]
00 18 00	ns2		[PatchNs2]
00 19 00	eq1		[PatchEq1]
00 1A 00	eq2		[PatchEq2]
00 1B 00	eq3		[PatchEq3]
00 1C 00	eq4		[PatchEq4]
00 1D 00	delay1		[PatchDelay1]
00 1E 00	delay2		[PatchDelay2]
00 1F 00	delay3		[PatchDelay3]
00 20 00	delay4		[PatchDelay4]
00 21 00	mstDelay		[PatchMstDelay]
00 22 00	chorus		[PatchChorus]
00 23 00	fx1		[PatchFx1]
00 24 00	fx1AGSim		[PatchFx1AGSim]
00 25 00	fx1AcReso		[PatchFx1AcReso]
00 26 00	fx1AWah		[PatchFx1AWah]
00 27 00	fx1Chorus		[PatchFx1Chorus]
00 28 00	fx1CVibe		[PatchFx1CVibe]
00 29 00	fx1Comp		[PatchFx1Comp]
00 2A 00	fx1Defretter		[PatchFx1Defretter]
00 2B 00	fx1Feedbacker		[PatchFx1Feedbacker]
00 2C 00	fx1Flanger		[PatchFx1Flanger]
00 2D 00	fx1Harmonist		[PatchFx1Harmonist]
00 2E 00	fx1Humanizer		[PatchFx1Humanizer]
00 2F 00	fx1Octave		[PatchFx1Octave]
00 30 00	fx1Over tone		[PatchFx1Over tone]
00 31 00	fx1Pan		[PatchFx1Pan]
00 32 00	fx1Phaser		[PatchFx1Phaser]
00 33 00	fx1PitchShift		[PatchFx1PitchShift]
00 34 00	fx1RingMod		[PatchFx1RingMod]
00 35 00	fx1Rotary		[PatchFx1Rotary]
00 36 00	fx1SitarSim		[PatchFx1SitarSim]
00 37 00	fx1Slicer		[PatchFx1Slicer]
00 38 00	fx1SlowGear		[PatchFx1SlowGear]
00 39 00	fx1SoundHold		[PatchFx1SoundHold]
00 3A 00	fx1SBend		[PatchFx1SBend]
00 3B 00	fx1Tremolo		[PatchFx1Tremolo]
00 3C 00	fx1TWah		[PatchFx1TWah]
00 3D 00	fx1Vibrato		[PatchFx1Vibrato]
00 3E 00	fx2		[PatchFx2]
00 3F 00	fx2AGSim		[PatchFx2AGSim]

Offset	Address	Description	
00 40 00	fx2AcReso		[PatchFx2AcReso]
00 41 00	fx2AWah		[PatchFx2AWah]
00 42 00	fx2Chorus		[PatchFx2Chorus]
00 43 00	fx2CVibe		[PatchFx2CVibe]
00 44 00	fx2Comp		[PatchFx2Comp]
00 45 00	fx2Defretter		[PatchFx2Defretter]
00 46 00	fx2Feedbacker		[PatchFx2Feedbacker]
00 47 00	fx2Flanger		[PatchFx2Flanger]
00 48 00	fx2Harmonist		[PatchFx2Harmonist]
00 49 00	fx2Humanizer		[PatchFx2Humanizer]
00 4A 00	fx2Octave		[PatchFx2Octave]
00 4B 00	fx2Over tone		[PatchFx2Over tone]
00 4C 00	fx2Pan		[PatchFx2Pan]
00 4D 00	fx2Phaser		[PatchFx2Phaser]
00 4E 00	fx2PitchShift		[PatchFx2PitchShift]
00 4F 00	fx2RingMod		[PatchFx2RingMod]
00 50 00	fx2Rotary		[PatchFx2Rotary]
00 51 00	fx2SitarSim		[PatchFx2SitarSim]
00 52 00	fx2Slicer		[PatchFx2Slicer]
00 53 00	fx2SlowGear		[PatchFx2SlowGear]
00 54 00	fx2SoundHold		[PatchFx2SoundHold]
00 55 00	fx2SBend		[PatchFx2SBend]
00 56 00	fx2Tremolo		[PatchFx2Tremolo]
00 57 00	fx2TWah		[PatchFx2TWah]
00 58 00	fx2Vibrato		[PatchFx2Vibrato]
00 59 00	fx3		[PatchFx3]
00 5A 00	fx3AGSim		[PatchFx3AGSim]
00 5B 00	fx3AcReso		[PatchFx3AcReso]
00 5C 00	fx3AWah		[PatchFx3AWah]
00 5D 00	fx3Chorus		[PatchFx3Chorus]
00 5E 00	fx3CVibe		[PatchFx3CVibe]
00 5F 00	fx3Comp		[PatchFx3Comp]
00 60 00	fx3Defretter		[PatchFx3Defretter]
00 61 00	fx3Feedbacker		[PatchFx3Feedbacker]
00 62 00	fx3Flanger		[PatchFx3Flanger]
00 63 00	fx3Harmonist		[PatchFx3Harmonist]
00 64 00	fx3Humanizer		[PatchFx3Humanizer]
00 65 00	fx3Octave		[PatchFx3Octave]
00 66 00	fx3Over tone		[PatchFx3Over tone]
00 67 00	fx3Pan		[PatchFx3Pan]
00 68 00	fx3Phaser		[PatchFx3Phaser]
00 69 00	fx3PitchShift		[PatchFx3PitchShift]
00 6A 00	fx3RingMod		[PatchFx3RingMod]
00 6B 00	fx3Rotary		[PatchFx3Rotary]
00 6C 00	fx3SitarSim		[PatchFx3SitarSim]
00 6D 00	fx3Slicer		[PatchFx3Slicer]
00 6E 00	fx3SlowGear		[PatchFx3SlowGear]
00 6F 00	fx3SoundHold		[PatchFx3SoundHold]
00 70 00	fx3SBend		[PatchFx3SBend]
00 71 00	fx3Tremolo		[PatchFx3Tremolo]
00 72 00	fx3TWah		[PatchFx3TWah]
00 73 00	fx3Vibrato		[PatchFx3Vibrato]
00 74 00	reverb		[PatchReverb]
00 75 00	pedalFx		[PatchPedalFx]

## \* [Patch2]

Offset Address	Description
00 00 00	stompBox [PatchStompBox2]
00 01 00	fx1ChorusBass [PatchFx1ChorusBass]
00 02 00	fx1FlangerBass [PatchFx1FlangerBass]
00 03 00	fx2ChorusBass [PatchFx2ChorusBass]
00 04 00	fx2FlangerBass [PatchFx2FlangerBass]
00 05 00	fx3ChorusBass [PatchFx3ChorusBass]
00 06 00	fx3FlangerBass [PatchFx3FlangerBass]
00 07 00	(Reserved)
00 08 00	(Reserved)
00 09 00	(Reserved)
00 0A 00	efct [PatchEfct2]
00 0B 00	(Reserved)

## \* [Patch3]

Offset Address	Description
00 00 00	stompBox [PatchStompBox3]
00 01 00	fx4(*) [PatchFx4]
00 02 00	fx4AGSim(*) [PatchFx4AGSim]
00 03 00	fx4AcReso(*) [PatchFx4AcReso]
00 04 00	fx4AWah(*) [PatchFx4AWah]
00 05 00	fx4Chorus(*) [PatchFx4Chorus]
00 06 00	fx4CVibe(*) [PatchFx4CVibe]
00 07 00	fx4Comp(*) [PatchFx4Comp]
00 08 00	fx4Defretter(*) [PatchFx4Defretter]
00 09 00	fx4Feedbacker(*) [PatchFx4Feedbacker]
00 0A 00	fx4Flanger(*) [PatchFx4Flanger]
00 0B 00	fx4Harmonist(*) [PatchFx4Harmonist]
00 0C 00	fx4Humanizer(*) [PatchFx4Humanizer]
00 0D 00	fx4Octave(*) [PatchFx4Octave]
00 0E 00	fx4Over tone(*) [PatchFx4Over tone]
00 0F 00	fx4Pan(*) [PatchFx4Pan]
00 10 00	fx4Phaser(*) [PatchFx4Phaser]
00 11 00	fx4PitchShift(*) [PatchFx4PitchShift]
00 12 00	fx4RingMod(*) [PatchFx4RingMod]
00 13 00	fx4Rotary(*) [PatchFx4Rotary]
00 14 00	fx4SitarSim(*) [PatchFx4SitarSim]
00 15 00	fx4Slicer(*) [PatchFx4Slicer]
00 16 00	fx4SlowGear(*) [PatchFx4SlowGear]
00 17 00	fx4SoundHold(*) [PatchFx4SoundHold]
00 18 00	fx4SBend(*) [PatchFx4SBend]
00 19 00	fx4Tremolo(*) [PatchFx4Tremolo]
00 1A 00	fx4TWah(*) [PatchFx4TWah]
00 1B 00	fx4Vibrato(*) [PatchFx4Vibrato]
00 1C 00	fx4ChorusBass(*) [PatchFx4ChorusBass]
00 1D 00	fx4FlangerBass(*) [PatchFx4FlangerBass]
00 1E 00	(Reserved)
00 1F 00	fx1Dist [PatchFx1Dist]
00 1F 40	fx1MasterFx [PatchFx1MasteringFx]
00 20 00	fx2Dist [PatchFx2Dist]
00 20 40	fx2MasterFx [PatchFx2MasteringFx]
00 21 00	fx3Dist [PatchFx3Dist]
00 21 40	fx3MasterFx [PatchFx3MasteringFx]
00 22 00	fx4Dist(*) [PatchFx4Dist]
00 22 40	fx4MasterFx(*) [PatchFx4MasteringFx]

\* [StompBoxCommon]

Offset	Address	Description	
00 00 00	name 1	(Comp)	[StompBoxName]
00 01 00	name 2	(Dist)	[StompBoxName]
00 02 00	name 3	(Preamp)	[StompBoxName]
00 03 00	name 4	(Ns)	[StompBoxName]
00 04 00	name 5	(Eq)	[StompBoxName]
00 05 00	name 6	(Delay)	[StompBoxName]
00 06 00	name 7	(MstDelay)	[StompBoxName]
00 07 00	name 8	(Chorus)	[StompBoxName]
00 08 00	name 9	(FXAGSim)	[StompBoxName]
00 09 00	name 10	(FxAcReso)	[StompBoxName]
00 0A 00	name 11	(FxAh)	[StompBoxName]
00 0B 00	name 12	(FxChorus)	[StompBoxName]
00 0C 00	name 13	(FxCVibe)	[StompBoxName]
00 0D 00	name 14	(FxComp)	[StompBoxName]
00 0E 00	name 15	(FxDefretter)	[StompBoxName]
00 0F 00	name 16	(FxFeedbacker)	[StompBoxName]
00 10 00	name 17	(FxFlanger)	[StompBoxName]
00 11 00	name 18	(FxHarmonist)	[StompBoxName]
00 12 00	name 19	(FxHumanizer)	[StompBoxName]
00 13 00	name 20	(FxDctave)	[StompBoxName]
00 14 00	name 21	(FxOvertone)	[StompBoxName]
00 15 00	name 22	(FxFpan)	[StompBoxName]
00 16 00	name 23	(FxPhaser)	[StompBoxName]
00 17 00	name 24	(FxDpitchShift)	[StompBoxName]
00 18 00	name 25	(FxDringMod)	[StompBoxName]
00 19 00	name 26	(FxDrotary)	[StompBoxName]
00 1A 00	name 27	(FxDsitarSim)	[StompBoxName]
00 1B 00	name 28	(FxDslicer)	[StompBoxName]
00 1C 00	name 29	(FxDslowGear)	[StompBoxName]
00 1D 00	name 30	(FxDsoundHold)	[StompBoxName]
00 1E 00	name 31	(FxDsbend)	[StompBoxName]
00 1F 00	name 32	(FxDtwah)	[StompBoxName]
00 20 00	name 33	(FxDtremolo)	[StompBoxName]
00 21 00	name 34	(FxDvibrato)	[StompBoxName]
00 22 00	name 35	(FxDreverb)	[StompBoxName]
00 23 00	name 36	(FxDpedalFx)	[StompBoxName]
00 24 00	name 37	(FxDdivider)	[StompBoxName]

\* [StompBoxCommon2]

Offset	Address	Description	
00 00 00	name 1	(ChorusBass)	[StompBoxName]
00 01 00	name 2	(DefretterBass)	[StompBoxName]
00 02 00	name 3	(FlangerBass)	[StompBoxName]
00 03 00	name 4	(OctaveBass)	[StompBoxName]
00 04 00	name 5	(SlowGearBass)	[StompBoxName]
00 05 00	name 6	(TouchWahBass)	[StompBoxName]

\* [StompBoxCommon3]

Offset	Address	Description	
00 00 00	name 1	(FxDist)	[StompBoxName]
00 01 00	name 2	(Reser ved)	

\* [SystemCommon]

Offset	Address	Description	
# 00 00	0000 aaaa		
00 01	0000 bbbb		
00 02	0000 cccc		
00 03	0000 dddd	Patch Number	(0 - 499)
		U01-1 .. U50-5 - P01-1 .. P50-5(*),	
		U001 .. U250 - P001 .. P250(**)	
00 04	0000 000a	TUNER MODE	(0 - 1)
		NORMAL, STREAM	
00 05	0000 00aa	Tuner Type	(0 - 3)
		MONO/POLY, MONO, POLY, TT	
00 06	0000 00aa	BANK CHANGE MODE(*)	(0 - 2)
		WAIT, IMMED, WAIT2	
00 07	0aaa aaaa	BANK EXTENT MIN(*)	(0 - 99)
		U01 - U50, P01 - P50	
00 08	0aaa aaaa	BANK EXTENT MAX(*)	(0 - 99)
		U01 - U50, P01 - P50	
		"BANK EXTENT MIN" and "BANK EXTENT MAX" are pair	
		parameters.	
		The DT1 to each parameter is temporarily	
		suspended, and the DT1 to the pair parameter final	
		address automatically checks the pending	
		parameters, and if there is no problem, the value	
		is set. If the value is incomplete it will not be	
		set.	
		Parameters before set are read out for the RQ1 to	
		pending parameters. Pending values can not be	
		read.	
# 00 09	0000 aaaa		
00 0A	0000 bbbb		
00 0B	0000 cccc		
00 0C	0000 dddd	METRONOME BPM	(200 - 2500)
			20.0 - 250.0
00 0D	000a aaaa	METRONOME BEAT	(0 - 31)
		1/1, 2/1, 3/1, 4/1, 5/1, 6/1, 7/1, 8/1, 1/2, 2/2,	
		3/2, 4/2, 5/2, 6/2, 7/2, 8/2, 1/4, 2/4, 3/4, 4/4,	
		5/4, 6/4, 7/4, 8/4, 1/8, 2/8, 3/8, 4/8, 5/8, 6/8,	
		7/8, 8/8	
00 0E	0000 000a	SHOW AUTO OFF WARNING AT STARTUP	(0 - 1)
		ON(SHOW), OFF(HIDE)	
00 0F	0000 00aa	AMP CTL1	(0 - 2)
		LATCH, PULSE, INVERT	
00 10	0000 00aa	AMP CTL2	(0 - 2)
		LATCH, PULSE, INVERT	
00 11	0000 000a	EXP1 HOLD	(0 - 1)
		OFF, ON	
00 12	0000 000a	EXP2 HOLD	(0 - 1)
		OFF, ON	
00 13	0000 000a	EXP3 HOLD(*)	(0 - 1)
		OFF, ON	
00 14	0000 000a	CTL 4,5 SETTING(**)	(0 - 1)
		CTL IN, AMP CTL	
00 15	0000 0aaa	AUTO OFF	(0 - 4)
		OFF, 10HOURS, 5HOURS, 1HOUR, 20MIN	
00 16	0000 000a	LED LUMINANCE(*)	(0 - 1)
		LOW, HIGH	
00 17	0000 000a	N/A(fixed value)	(1)
00 18	0000 000a	KNOB LOCK	(0 - 1)
		OFF, ON	
# 00 19	0000 aaaa		
00 1A	0000 bbbb		
00 1B	0000 cccc		
00 1C	0000 dddd	KNOB1 SETTING	(0 - 1471)
			*1
# 00 1D	0000 aaaa		
00 1E	0000 bbbb		
00 1F	0000 cccc		
00 20	0000 dddd	KNOB2 SETTING	(0 - 1471)
			*1
# 00 21	0000 aaaa		
00 22	0000 bbbb		
00 23	0000 cccc		
00 24	0000 dddd	KNOB3 SETTING	(0 - 1471)
			*1
# 00 25	0000 aaaa		
00 26	0000 bbbb		
00 27	0000 cccc		
00 28	0000 dddd	KNOB4 SETTING	(0 - 1471)
			*1
# 00 29	0000 aaaa		
00 2A	0000 bbbb		
00 2B	0000 cccc		
00 2C	0000 dddd	KNOB5 SETTING	(0 - 1471)
			*1
# 00 2D	0000 aaaa		
00 2E	0000 bbbb		
00 2F	0000 cccc		
00 30	0000 dddd	KNOB6 SETTING(*)	(0 - 1471)
			*1
00 00 00 31	Total Size		

\*1 KNOB SETTING TABLE

#	Category	Target
0	COMP	ON OFF
1	COMP	TYPE
2	COMP	SUSTAIN
3	COMP	ATTACK
4	COMP	tone
5	COMP	RATIO
6	COMP	LEVEL
7	COMP	DIRECT MIX
8	DISTORTION 1	ON OFF
9	DISTORTION 1	TYPE
10	DISTORTION 1	DRIVE
11	DISTORTION 1	tone
12	DISTORTION 1	BOTTOM
13	DISTORTION 1	LEVEL
14	DISTORTION 1	DIRECT MIX
15	DISTORTION 1	SOLO SW
16	DISTORTION 1	SOLO LEVEL
17	DISTORTION 2	ON OFF
18	DISTORTION 2	TYPE
19	DISTORTION 2	DRIVE
20	DISTORTION 2	tone
21	DISTORTION 2	BOTTOM
22	DISTORTION 2	LEVEL
23	DISTORTION 2	DIRECT MIX
24	DISTORTION 2	SOLO SW
25	DISTORTION 2	SOLO LEVEL
26	AIRD PREAMP 1	ON OFF
27	AIRD PREAMP 1	TYPE
28	AIRD PREAMP 1	GAIN
29	AIRD PREAMP 1	SAG
30	AIRD PREAMP 1	RESONANCE
31	AIRD PREAMP 1	BASS
32	AIRD PREAMP 1	MIDDLE
33	AIRD PREAMP 1	TREBLE
34	AIRD PREAMP 1	PRESENCE
35	AIRD PREAMP 1	BRIGHT
36	AIRD PREAMP 1	LEVEL
37	AIRD PREAMP 1	GAIN SW
38	AIRD PREAMP 1	SOLO SW
39	AIRD PREAMP 1	SOLO LEVEL
40	AIRD PREAMP 2	ON OFF
41	AIRD PREAMP 2	TYPE
42	AIRD PREAMP 2	GAIN
43	AIRD PREAMP 2	SAG
44	AIRD PREAMP 2	RESONANCE
45	AIRD PREAMP 2	BASS
46	AIRD PREAMP 2	MIDDLE
47	AIRD PREAMP 2	TREBLE
48	AIRD PREAMP 2	PRESENCE
49	AIRD PREAMP 2	BRIGHT
50	AIRD PREAMP 2	LEVEL
51	AIRD PREAMP 2	GAIN SW
52	AIRD PREAMP 2	SOLO SW
53	AIRD PREAMP 2	SOLO LEVEL
54	NOISE SUPPRESSOR 1	ON OFF
55	NOISE SUPPRESSOR 1	THRESHOLD
56	NOISE SUPPRESSOR 1	RELEASE
57	NOISE SUPPRESSOR 1	DETECT
58	NOISE SUPPRESSOR 2	ON OFF
59	NOISE SUPPRESSOR 2	THRESHOLD
60	NOISE SUPPRESSOR 2	RELEASE
61	NOISE SUPPRESSOR 2	DETECT
62	EQUALIZER 1	ON OFF
63	EQUALIZER 1	TYPE
64	EQUALIZER 1 PEQ	LOW GAIN
65	EQUALIZER 1 PEQ	HIGH GAIN
66	EQUALIZER 1 PEQ	LOW-MID FREQ
67	EQUALIZER 1 PEQ	LOW-MID Q
68	EQUALIZER 1 PEQ	LOW-MID GAIN
69	EQUALIZER 1 PEQ	HIGH-MID FREQ
70	EQUALIZER 1 PEQ	HIGH-MID Q
71	EQUALIZER 1 PEQ	HIGH-MID GAIN
72	EQUALIZER 1 PEQ	LEVEL
73	EQUALIZER 1 PEQ	LOW CUT
74	EQUALIZER 1 PEQ	HIGH CUT
75	EQUALIZER 1 GEQ	31.5Hz
76	EQUALIZER 1 GEQ	63Hz
77	EQUALIZER 1 GEQ	125Hz
78	EQUALIZER 1 GEQ	250Hz
79	EQUALIZER 1 GEQ	500Hz
80	EQUALIZER 1 GEQ	1kHz
81	EQUALIZER 1 GEQ	2kHz
82	EQUALIZER 1 GEQ	4kHz
83	EQUALIZER 1 GEQ	8kHz
84	EQUALIZER 1 GEQ	16kHz
85	EQUALIZER 1 GEQ	LEVEL
86	EQUALIZER 2	ON OFF
87	EQUALIZER 2	TYPE
88	EQUALIZER 2 PEQ	LOW GAIN
89	EQUALIZER 2 PEQ	HIGH GAIN
90	EQUALIZER 2 PEQ	LOW-MID FREQ
91	EQUALIZER 2 PEQ	LOW-MID Q
92	EQUALIZER 2 PEQ	LOW-MID GAIN
93	EQUALIZER 2 PEQ	HIGH-MID FREQ
94	EQUALIZER 2 PEQ	HIGH-MID Q
95	EQUALIZER 2 PEQ	HIGH-MID GAIN
96	EQUALIZER 2 PEQ	LEVEL
97	EQUALIZER 2 PEQ	LOW CUT
98	EQUALIZER 2 PEQ	HIGH CUT
99	EQUALIZER 2 GEQ	31.5Hz
100	EQUALIZER 2 GEQ	63Hz
101	EQUALIZER 2 GEQ	125Hz
102	EQUALIZER 2 GEQ	250Hz
103	EQUALIZER 2 GEQ	500Hz
104	EQUALIZER 2 GEQ	1kHz
105	EQUALIZER 2 GEQ	2kHz
106	EQUALIZER 2 GEQ	4kHz
107	EQUALIZER 2 GEQ	8kHz
108	EQUALIZER 2 GEQ	16kHz
109	EQUALIZER 2 GEQ	LEVEL
110	EQUALIZER 3	ON OFF
111	EQUALIZER 3	TYPE
112	EQUALIZER 3 PEQ	LOW GAIN
113	EQUALIZER 3 PEQ	HIGH GAIN
114	EQUALIZER 3 PEQ	LOW-MID FREQ
115	EQUALIZER 3 PEQ	LOW-MID Q
116	EQUALIZER 3 PEQ	LOW-MID GAIN
117	EQUALIZER 3 PEQ	HIGH-MID FREQ
118	EQUALIZER 3 PEQ	HIGH-MID Q
119	EQUALIZER 3 PEQ	HIGH-MID GAIN
120	EQUALIZER 3 PEQ	LEVEL
121	EQUALIZER 3 PEQ	LOW CUT
122	EQUALIZER 3 PEQ	HIGH CUT
123	EQUALIZER 3 GEQ	31.5Hz
124	EQUALIZER 3 GEQ	63Hz
125	EQUALIZER 3 GEQ	125Hz
126	EQUALIZER 3 GEQ	250Hz
127	EQUALIZER 3 GEQ	500Hz
128	EQUALIZER 3 GEQ	1kHz
129	EQUALIZER 3 GEQ	2kHz
130	EQUALIZER 3 GEQ	4kHz
131	EQUALIZER 3 GEQ	8kHz
132	EQUALIZER 3 GEQ	16kHz
133	EQUALIZER 3 GEQ	LEVEL
134	EQUALIZER 4	ON OFF
135	EQUALIZER 4	TYPE
136	EQUALIZER 4 PEQ	LOW GAIN
137	EQUALIZER 4 PEQ	HIGH GAIN
138	EQUALIZER 4 PEQ	LOW-MID FREQ
139	EQUALIZER 4 PEQ	LOW-MID Q
140	EQUALIZER 4 PEQ	LOW-MID GAIN
141	EQUALIZER 4 PEQ	HIGH-MID FREQ
142	EQUALIZER 4 PEQ	HIGH-MID Q
143	EQUALIZER 4 PEQ	HIGH-MID GAIN
144	EQUALIZER 4 PEQ	LEVEL
145	EQUALIZER 4 PEQ	LOW CUT
146	EQUALIZER 4 PEQ	HIGH CUT
147	EQUALIZER 4 GEQ	31.5Hz
148	EQUALIZER 4 GEQ	63Hz
149	EQUALIZER 4 GEQ	125Hz
150	EQUALIZER 4 GEQ	250Hz
151	EQUALIZER 4 GEQ	500Hz
152	EQUALIZER 4 GEQ	1kHz
153	EQUALIZER 4 GEQ	2kHz
154	EQUALIZER 4 GEQ	4kHz
155	EQUALIZER 4 GEQ	8kHz
156	EQUALIZER 4 GEQ	16kHz
157	EQUALIZER 4 GEQ	LEVEL
158	DELAY 1	ON OFF
159	DELAY 1	TIME
160	DELAY 1	FEEDBACK
161	DELAY 1	HIGH CUT
162	DELAY 1	EFFECT LEVEL
163	DELAY 1	DIRECT LEVEL
164	DELAY 2	ON OFF
165	DELAY 2	TIME
166	DELAY 2	FEEDBACK
167	DELAY 2	HIGH CUT
168	DELAY 2	EFFECT LEVEL
169	DELAY 2	DIRECT LEVEL
170	DELAY 3	ON OFF
171	DELAY 3	TIME
172	DELAY 3	FEEDBACK
173	DELAY 3	HIGH CUT
174	DELAY 3	EFFECT LEVEL
175	DELAY 3	DIRECT LEVEL
176	DELAY 4	ON OFF
177	DELAY 4	TIME
178	DELAY 4	FEEDBACK
179	DELAY 4	HIGH CUT
180	DELAY 4	EFFECT LEVEL
181	DELAY 4	DIRECT LEVEL
182	MASTER DELAY	ON OFF
183	MASTER DELAY	TYPE
184	MASTER DELAY	TIME
185	MASTER DELAY	FEEDBACK
186	MASTER DELAY	HIGH CUT
187	MASTER DELAY	EFFECT LEVEL
188	MASTER DELAY	DIRECT LEVEL
189	MASTER DELAY	MOD RATE
190	MASTER DELAY	MOD DEPTH
191	MASTER DELAY	DUCK SENS
192	MASTER DELAY	DUCK PRE DEPTH
193	MASTER DELAY	DUCK POST DEPTH
194	MASTER DELAY TAPE	HEAD
195	MASTER DELAY SHIMMER	PITCH
196	MASTER DELAY SHIMMER	PITCH BAL
197	MASTER DELAY SHIMMER	PITCH FEEDBACK
198	MASTER DELAY DUAL	MODE
199	MASTER DELAY DUAL	D1 TYPE
200	MASTER DELAY DUAL	D1 TIME
201	MASTER DELAY DUAL	D1 FEEDBACK
202	MASTER DELAY DUAL	D1 HIGH CUT
203	MASTER DELAY DUAL	D1 EFFECT LEVEL
204	MASTER DELAY DUAL	D2 TYPE
205	MASTER DELAY DUAL	D2 TIME
206	MASTER DELAY DUAL	D2 FEEDBACK
207	MASTER DELAY DUAL	D2 HIGH CUT
208	MASTER DELAY DUAL	D2 EFFECT LEVEL

#	Category	Target
209	MASTER DELAY WARP	TRIGGER
210	MASTER DELAY TWIST	MODE
211	MASTER DELAY TWIST	RISE TIME
212	MASTER DELAY TWIST	FALL TIME
213	MASTER DELAY	LEVEL
214	CHORUS	ON OFF
215	CHORUS	TYPE
216	CHORUS	RATE
217	CHORUS	DEPTH
218	CHORUS	PRE-DELAY
219	CHORUS	WAVEFORM
220	CHORUS	LOW CUT
221	CHORUS	HIGH CUT
222	CHORUS	EFFECT LEVEL
223	CHORUS	DIRECT LEVEL
224	CHORUS DUAL	RATE 1
225	CHORUS DUAL	DEPTH 1
226	CHORUS DUAL	PRE-DELAY 1
227	CHORUS DUAL	WAVEFORM 1
228	CHORUS DUAL	LOW CUT 1
229	CHORUS DUAL	HIGH CUT 1
230	CHORUS DUAL	EFFECT LEVEL 1
231	CHORUS DUAL	RATE 2
232	CHORUS DUAL	DEPTH 2
233	CHORUS DUAL	PRE-DELAY 2
234	CHORUS DUAL	WAVEFORM 2
235	CHORUS DUAL	LOW CUT 2
236	CHORUS DUAL	HIGH CUT 2
237	CHORUS DUAL	EFFECT LEVEL 2
238	FX 1	ON OFF
239	FX 1	TYPE
240	FX 1 AC GUITAR SIM	BODY
241	FX 1 AC GUITAR SIM	LOW
242	FX 1 AC GUITAR SIM	HIGH
243	FX 1 AC GUITAR SIM	LEVEL
244	FX 1 AC RESONANCE	TYPE
245	FX 1 AC RESONANCE	RESONANCE
246	FX 1 AC RESONANCE	tone
247	FX 1 AC RESONANCE	LEVEL
248	FX 1 AUTO WAH	FILTER MODE
249	FX 1 AUTO WAH	RATE
250	FX 1 AUTO WAH	DEPTH
251	FX 1 AUTO WAH	FREQUENCY
252	FX 1 AUTO WAH	RESONANCE
253	FX 1 AUTO WAH	WAVEFORM
254	FX 1 AUTO WAH	EFFECT LEVEL
255	FX 1 AUTO WAH	DIRECT MIX
256	FX 1 CHORUS	TYPE
257	FX 1 CHORUS	RATE
258	FX 1 CHORUS	DEPTH
259	FX 1 CHORUS	PRE-DELAY
260	FX 1 CHORUS	WAVEFORM
261	FX 1 CHORUS	LOW CUT
262	FX 1 CHORUS	HIGH CUT
263	FX 1 CHORUS	EFFECT LEVEL
264	FX 1 CHORUS	DIRECT LEVEL
265	FX 1 CHORUS DUAL	RATE 1
266	FX 1 CHORUS DUAL	DEPTH 1
267	FX 1 CHORUS DUAL	PRE-DELAY 1
268	FX 1 CHORUS DUAL	WAVEFORM 1
269	FX 1 CHORUS DUAL	LOW CUT 1
270	FX 1 CHORUS DUAL	HIGH CUT 1
271	FX 1 CHORUS DUAL	EFFECT LEVEL 1
272	FX 1 CHORUS DUAL	RATE 2
273	FX 1 CHORUS DUAL	DEPTH 2
274	FX 1 CHORUS DUAL	PRE-DELAY 2
275	FX 1 CHORUS DUAL	WAVEFORM 2
276	FX 1 CHORUS DUAL	LOW CUT 2
277	FX 1 CHORUS DUAL	HIGH CUT 2
278	FX 1 CHORUS DUAL	EFFECT LEVEL 2
279	FX 1 CHORUS	OUTPUT MODE
280	FX 1 CHORUS PRIME	SWEETNESS
281	FX 1 CHORUS PRIME	BELL
282	FX 1 CHORUS CE-1	PREAMP SW
283	FX 1 CHORUS CE-1	PREAMP GAIN
284	FX 1 CHORUS CE-1	PREAMP LEVEL
285	FX 1 CLASSIC-VIBE	MODE
286	FX 1 CLASSIC-VIBE	RATE
287	FX 1 CLASSIC-VIBE	DEPTH
288	FX 1 CLASSIC-VIBE	EFFECT LEVEL
289	FX 1 COMP	TYPE
290	FX 1 COMP	SUSTAIN
291	FX 1 COMP	ATTACK
292	FX 1 COMP	tone
293	FX 1 COMP	RATIO
294	FX 1 COMP	LEVEL
295	FX 1 COMP	DIRECT MIX
296	FX 1 DEFRETTER	SENS
297	FX 1 DEFRETTER	DEPTH
298	FX 1 DEFRETTER	tone
299	FX 1 DEFRETTER	ATTACK
300	FX 1 DEFRETTER	RESONANCE
301	FX 1 DEFRETTER	EFFECT LEVEL
302	FX 1 DEFRETTER	DIRECT MIX
303	FX 1 FEEDBACKER	MODE
304	FX 1 FEEDBACKER	TRIGGER
305	FX 1 FEEDBACKER	DEPTH
306	FX 1 FEEDBACKER	RISE TIME
307	FX 1 FEEDBACKER	OCTAVE RISE TIME
308	FX 1 FEEDBACKER	FEEDBACK
309	FX 1 FEEDBACKER	OCTAVE FEEDBACK
310	FX 1 FEEDBACKER	VIB RATE
311	FX 1 FEEDBACKER	VIB DEPTH
312	FX 1 FLANGER	RATE
313	FX 1 FLANGER	DEPTH

#	Category	Target
314	FX 1 FLANGER	RESONANCE
315	FX 1 FLANGER	MANUAL
316	FX 1 FLANGER	TURBO
317	FX 1 FLANGER	WAVEFORM
318	FX 1 FLANGER	STEPRATE
319	FX 1 FLANGER	SEPARATION
320	FX 1 FLANGER	LOW DAMP
321	FX 1 FLANGER	HIGH DAMP
322	FX 1 FLANGER	LOW CUT
323	FX 1 FLANGER	HIGH CUT
324	FX 1 FLANGER	EFFECT LEVEL
325	FX 1 FLANGER	DIRECT MIX
326	FX 1 HARMONIST	VOICE
327	FX 1 HARMONIST	HR1 HARMONY
328	FX 1 HARMONIST	HR1 PRE-DELAY
329	FX 1 HARMONIST	HR1 FEEDBACK
330	FX 1 HARMONIST	HR1 LEVEL
331	FX 1 HARMONIST	HR2 HARMONY
332	FX 1 HARMONIST	HR2 PRE-DELAY
333	FX 1 HARMONIST	HR2 LEVEL
334	FX 1 HARMONIST	DIRECT LEVEL
335	FX 1 HUMANIZER	MODE
336	FX 1 HUMANIZER	VOWEL1
337	FX 1 HUMANIZER	VOWEL2
338	FX 1 HUMANIZER	SENS
339	FX 1 HUMANIZER	RATE
340	FX 1 HUMANIZER	DEPTH
341	FX 1 HUMANIZER	MANUAL
342	FX 1 HUMANIZER	LEVEL
343	FX 1 OCTAVE	TYPE
344	FX 1 OCTAVE	-2OCT
345	FX 1 OCTAVE	-1OCT
346	FX 1 OCTAVE	DIRECT LEVEL
347	FX 1 OCTAVE	RANGE
348	FX 1 OCTAVE	POLY OCTAVE LEVEL
349	FX 1 OVERTONE	LOWER LEVEL
350	FX 1 OVERTONE	UPPER LEVEL
351	FX 1 OVERTONE	UNISON LEVEL
352	FX 1 OVERTONE	DIRECT LEVEL
353	FX 1 OVERTONE	DETUNE
354	FX 1 OVERTONE	LOW
355	FX 1 OVERTONE	HIGH
356	FX 1 OVERTONE	OUTPUT MODE
357	FX 1 PAN	RATE
358	FX 1 PAN	DEPTH
359	FX 1 PAN	WAVEFORM
360	FX 1 PAN	EFFECT LEVEL
361	FX 1 PAN	DIRECT MIX
362	FX 1 PHASER	TYPE
363	FX 1 PHASER	STAGE
364	FX 1 PHASER	RATE
365	FX 1 PHASER	DEPTH
366	FX 1 PHASER	RESONANCE
367	FX 1 PHASER	MANUAL
368	FX 1 PHASER	WAVEFORM
369	FX 1 PHASER	STEP RATE
370	FX 1 PHASER	BI-PHASE
371	FX 1 PHASER	SEPARATION
372	FX 1 PHASER	LOW DAMP
373	FX 1 PHASER	HIGH DAMP
374	FX 1 PHASER	LOW CUT
375	FX 1 PHASER	HIGH CUT
376	FX 1 PHASER	EFFECT LEVEL
377	FX 1 PHASER	DIRECT MIX
378	FX 1 PITCH SHIFTER	VOICE
379	FX 1 PITCH SHIFTER	PS1 PITCH
380	FX 1 PITCH SHIFTER	PS1 MODE
381	FX 1 PITCH SHIFTER	PS1 FINE
382	FX 1 PITCH SHIFTER	PS1 PRE-DELAY
383	FX 1 PITCH SHIFTER	PS1 FEEDBACK
384	FX 1 PITCH SHIFTER	PS1 LEVEL
385	FX 1 PITCH SHIFTER	PS2 PITCH
386	FX 1 PITCH SHIFTER	PS2 MODE
387	FX 1 PITCH SHIFTER	PS2 FINE
388	FX 1 PITCH SHIFTER	PS2 PRE-DELAY
389	FX 1 PITCH SHIFTER	PS2 LEVEL
390	FX 1 PITCH SHIFTER	DIRECT LEVEL
391	FX 1 RING MOD	INTELLIGENT
392	FX 1 RING MOD	FREQUENCY
393	FX 1 RING MOD	FREQ MOD RATE
394	FX 1 RING MOD	FREQ MOD DEPTH
395	FX 1 RING MOD	EFFECT LEVEL
396	FX 1 RING MOD	DIRECT MIX
397	FX 1 ROTARY	SPEED SELECT
398	FX 1 ROTARY	SLOW RATE
399	FX 1 ROTARY	FAST RATE
400	FX 1 ROTARY	RISE TIME
401	FX 1 ROTARY	FALL TIME
402	FX 1 ROTARY	MIC DISTANCE
403	FX 1 ROTARY	ROTOR HORN
404	FX 1 ROTARY	DRIVE
405	FX 1 ROTARY	EFFECT LEVEL
406	FX 1 ROTARY	DIRECT MIX
407	FX 1 SITAR SIM	SENS
408	FX 1 SITAR SIM	DEPTH
409	FX 1 SITAR SIM	tone
410	FX 1 SITAR SIM	RESONANCE
411	FX 1 SITAR SIM	BUZZ
412	FX 1 SITAR SIM	EFFECT LEVEL
413	FX 1 SITAR SIM	DIRECT MIX
414	FX 1 SLICER	PATTERN
415	FX 1 SLICER	RATE
416	FX 1 SLICER	TRIGGER
417	FX 1 SLICER	ATTACK
418	FX 1 SLICER	DUTY

#	Category	Target
419	FX 1 SLICER	EFFECT LEVEL
420	FX 1 SLICER	DIRECT MIX
421	FX 1 SLOW GEAR	SENS
422	FX 1 SLOW GEAR	RISE TIME
423	FX 1 SLOW GEAR	LEVEL
424	FX 1 SOUND HOLD	TRIGGER
425	FX 1 SOUND HOLD	RISE TIME
426	FX 1 SOUND HOLD	LEVEL
427	FX 1 S-BEND	TRIGGER
428	FX 1 S-BEND	PITCH
429	FX 1 S-BEND	RISE TIME
430	FX 1 S-BEND	FALL TIME
431	FX 1 TREMOLO	RATE
432	FX 1 TREMOLO	DEPTH
433	FX 1 TREMOLO	WAVEFORM
434	FX 1 TREMOLO	TRIGGER
435	FX 1 TREMOLO	RISE TIME
436	FX 1 TREMOLO	EFFECT LEVEL
437	FX 1 TREMOLO	DIRECT MIX
438	FX 1 TOUCH WAH	FILTER MODE
439	FX 1 TOUCH WAH	POLARITY
440	FX 1 TOUCH WAH	SENS
441	FX 1 TOUCH WAH	FREQUENCY
442	FX 1 TOUCH WAH	RESONANCE
443	FX 1 TOUCH WAH	DECAY
444	FX 1 TOUCH WAH	EFFECT LEVEL
445	FX 1 TOUCH WAH	DIRECT MIX
446	FX 1 VIBRATO	RATE
447	FX 1 VIBRATO	DEPTH
448	FX 1 VIBRATO	COLOR
449	FX 1 VIBRATO	TRIGGER
450	FX 1 VIBRATO	RISE TIME
451	FX 1 VIBRATO	EFFECT LEVEL
452	FX 1 VIBRATO	DIRECT MIX
453	FX 2	ON OFF
454	FX 2	TYPE
455	FX 2 AC GUITAR SIM	BODY
456	FX 2 AC GUITAR SIM	LOW
457	FX 2 AC GUITAR SIM	HIGH
458	FX 2 AC GUITAR SIM	LEVEL
459	FX 2 AC RESONANCE	TYPE
460	FX 2 AC RESONANCE	RESONANCE
461	FX 2 AC RESONANCE	tone
462	FX 2 AC RESONANCE	LEVEL
463	FX 2 AUTO WAH	FILTER MODE
464	FX 2 AUTO WAH	RATE
465	FX 2 AUTO WAH	DEPTH
466	FX 2 AUTO WAH	FREQUENCY
467	FX 2 AUTO WAH	RESONANCE
468	FX 2 AUTO WAH	WAVEFORM
469	FX 2 AUTO WAH	EFFECT LEVEL
470	FX 2 AUTO WAH	DIRECT MIX
471	FX 2 CHORUS	TYPE
472	FX 2 CHORUS	RATE
473	FX 2 CHORUS	DEPTH
474	FX 2 CHORUS	PRE-DELAY
475	FX 2 CHORUS	WAVEFORM
476	FX 2 CHORUS	LOW CUT
477	FX 2 CHORUS	HIGH CUT
478	FX 2 CHORUS	EFFECT LEVEL
479	FX 2 CHORUS	DIRECT LEVEL
480	FX 2 CHORUS DUAL	RATE 1
481	FX 2 CHORUS DUAL	DEPTH 1
482	FX 2 CHORUS DUAL	PRE-DELAY 1
483	FX 2 CHORUS DUAL	WAVEFORM 1
484	FX 2 CHORUS DUAL	LOW CUT 1
485	FX 2 CHORUS DUAL	HIGH CUT 1
486	FX 2 CHORUS DUAL	EFFECT LEVEL 1
487	FX 2 CHORUS DUAL	RATE 2
488	FX 2 CHORUS DUAL	DEPTH 2
489	FX 2 CHORUS DUAL	PRE-DELAY 2
490	FX 2 CHORUS DUAL	WAVEFORM 2
491	FX 2 CHORUS DUAL	LOW CUT 2
492	FX 2 CHORUS DUAL	HIGH CUT 2
493	FX 2 CHORUS DUAL	EFFECT LEVEL 2
494	FX 2 CHORUS	OUTPUT MODE
495	FX 2 CHORUS PRIME	SWEETNESS
496	FX 2 CHORUS PRIME	BELL
497	FX 2 CHORUS CE-1	PREAMP SW
498	FX 2 CHORUS CE-1	PREAMP GAIN
499	FX 2 CHORUS CE-1	PREAMP LEVEL
500	FX 2 CLASSIC-VIBE	MODE
501	FX 2 CLASSIC-VIBE	RATE
502	FX 2 CLASSIC-VIBE	DEPTH
503	FX 2 CLASSIC-VIBE	EFFECT LEVEL
504	FX 2 COMP	TYPE
505	FX 2 COMP	SUSTAIN
506	FX 2 COMP	ATTACK
507	FX 2 COMP	tone
508	FX 2 COMP	RATIO
509	FX 2 COMP	LEVEL
510	FX 2 COMP	DIRECT MIX
511	FX 2 DEFRETTER	SENS
512	FX 2 DEFRETTER	DEPTH
513	FX 2 DEFRETTER	tone
514	FX 2 DEFRETTER	ATTACK
515	FX 2 DEFRETTER	RESONANCE
516	FX 2 DEFRETTER	EFFECT LEVEL
517	FX 2 DEFRETTER	DIRECT MIX
518	FX 2 FEEDBACKER	MODE
519	FX 2 FEEDBACKER	TRIGGER
520	FX 2 FEEDBACKER	DEPTH
521	FX 2 FEEDBACKER	RISE TIME
522	FX 2 FEEDBACKER	OCTAVE RISE TIME
523	FX 2 FEEDBACKER	FEEDBACK

#	Category	Target
524	FX 2 FEEDBACKER	OCTAVE FEEDBACK
525	FX 2 FEEDBACKER	VIB RATE
526	FX 2 FEEDBACKER	VIB DEPTH
527	FX 2 FLANGER	RATE
528	FX 2 FLANGER	DEPTH
529	FX 2 FLANGER	RESONANCE
530	FX 2 FLANGER	MANUAL
531	FX 2 FLANGER	TURBO
532	FX 2 FLANGER	WAVEFORM
533	FX 2 FLANGER	STEPRATE
534	FX 2 FLANGER	SEPARATION
535	FX 2 FLANGER	LOW DAMP
536	FX 2 FLANGER	HIGH DAMP
537	FX 2 FLANGER	LOW CUT
538	FX 2 FLANGER	HIGH CUT
539	FX 2 FLANGER	EFFECT LEVEL
540	FX 2 FLANGER	DIRECT MIX
541	FX 2 HARMONIST	VOICE
542	FX 2 HARMONIST	HR1 HARMONY
543	FX 2 HARMONIST	HR1 PRE-DELAY
544	FX 2 HARMONIST	HR1 FEEDBACK
545	FX 2 HARMONIST	HR1 LEVEL
546	FX 2 HARMONIST	HR2 HARMONY
547	FX 2 HARMONIST	HR2 PRE-DELAY
548	FX 2 HARMONIST	HR2 LEVEL
549	FX 2 HARMONIST	DIRECT LEVEL
550	FX 2 HUMANIZER	MODE
551	FX 2 HUMANIZER	VOWEL1
552	FX 2 HUMANIZER	VOWEL2
553	FX 2 HUMANIZER	SENS
554	FX 2 HUMANIZER	RATE
555	FX 2 HUMANIZER	DEPTH
556	FX 2 HUMANIZER	MANUAL
557	FX 2 HUMANIZER	LEVEL
558	FX 2 OCTAVE	TYPE
559	FX 2 OCTAVE	-20CT
560	FX 2 OCTAVE	-10CT
561	FX 2 OCTAVE	DIRECT LEVEL
562	FX 2 OCTAVE	RANGE
563	FX 2 OCTAVE	POLY OCTAVE LEVEL
564	FX 2 OVERTONE	LOWER LEVEL
565	FX 2 OVERTONE	UPPER LEVEL
566	FX 2 OVERTONE	UNISON LEVEL
567	FX 2 OVERTONE	DIRECT LEVEL
568	FX 2 OVERTONE	DETUNE
569	FX 2 OVERTONE	LOW
570	FX 2 OVERTONE	HIGH
571	FX 2 OVERTONE	OUTPUT MODE
572	FX 2 PAN	RATE
573	FX 2 PAN	DEPTH
574	FX 2 PAN	WAVEFORM
575	FX 2 PAN	EFFECT LEVEL
576	FX 2 PAN	DIRECT MIX
577	FX 2 PHASER	TYPE
578	FX 2 PHASER	STAGE
579	FX 2 PHASER	RATE
580	FX 2 PHASER	DEPTH
581	FX 2 PHASER	RESONANCE
582	FX 2 PHASER	MANUAL
583	FX 2 PHASER	WAVEFORM
584	FX 2 PHASER	STEP RATE
585	FX 2 PHASER	BI-PHASE
586	FX 2 PHASER	SEPARATION
587	FX 2 PHASER	LOW DAMP
588	FX 2 PHASER	HIGH DAMP
589	FX 2 PHASER	LOW CUT
590	FX 2 PHASER	HIGH CUT
591	FX 2 PHASER	EFFECT LEVEL
592	FX 2 PHASER	DIRECT MIX
593	FX 2 PITCH SHIFTER	VOICE
594	FX 2 PITCH SHIFTER	PS1 PITCH
595	FX 2 PITCH SHIFTER	PS1 MODE
596	FX 2 PITCH SHIFTER	PS1 FINE
597	FX 2 PITCH SHIFTER	PS1 PRE-DELAY
598	FX 2 PITCH SHIFTER	PS1 FEEDBACK
599	FX 2 PITCH SHIFTER	PS1 LEVEL
600	FX 2 PITCH SHIFTER	PS2 PITCH
601	FX 2 PITCH SHIFTER	PS2 MODE
602	FX 2 PITCH SHIFTER	PS2 FINE
603	FX 2 PITCH SHIFTER	PS2 PRE-DELAY
604	FX 2 PITCH SHIFTER	PS2 LEVEL
605	FX 2 PITCH SHIFTER	DIRECT LEVEL
606	FX 2 RING MOD	INTELLIGENT
607	FX 2 RING MOD	FREQUENCY
608	FX 2 RING MOD	FREQ MOD RATE
609	FX 2 RING MOD	FREQ MOD DEPTH
610	FX 2 RING MOD	EFFECT LEVEL
611	FX 2 RING MOD	DIRECT MIX
612	FX 2 ROTARY	SPEED SELECT
613	FX 2 ROTARY	SLOW RATE
614	FX 2 ROTARY	FAST RATE
615	FX 2 ROTARY	RISE TIME
616	FX 2 ROTARY	FALL TIME
617	FX 2 ROTARY	MIC DISTANCE
618	FX 2 ROTARY	ROTOR HORN
619	FX 2 ROTARY	DRIVE
620	FX 2 ROTARY	EFFECT LEVEL
621	FX 2 ROTARY	DIRECT MIX
622	FX 2 SITAR SIM	SENS
623	FX 2 SITAR SIM	DEPTH
624	FX 2 SITAR SIM	tone
625	FX 2 SITAR SIM	RESONANCE
626	FX 2 SITAR SIM	BUZZ
627	FX 2 SITAR SIM	EFFECT LEVEL
628	FX 2 SITAR SIM	DIRECT MIX



#	Category	Target
629	FX 2 SLICER	PATTERN
630	FX 2 SLICER	RATE
631	FX 2 SLICER	TRIGGER
632	FX 2 SLICER	ATTACK
633	FX 2 SLICER	DUTY
634	FX 2 SLICER	EFFECT LEVEL
635	FX 2 SLICER	DIRECT MIX
636	FX 2 SLOW GEAR	SENS
637	FX 2 SLOW GEAR	RISE TIME
638	FX 2 SLOW GEAR	LEVEL
639	FX 2 SOUND HOLD	TRIGGER
640	FX 2 SOUND HOLD	RISE TIME
641	FX 2 SOUND HOLD	LEVEL
642	FX 2 S-BEND	TRIGGER
643	FX 2 S-BEND	PITCH
644	FX 2 S-BEND	RISE TIME
645	FX 2 S-BEND	FALL TIME
646	FX 2 TREMOLO	RATE
647	FX 2 TREMOLO	DEPTH
648	FX 2 TREMOLO	WAVEFORM
649	FX 2 TREMOLO	TRIGGER
650	FX 2 TREMOLO	RISE TIME
651	FX 2 TREMOLO	EFFECT LEVEL
652	FX 2 TREMOLO	DIRECT MIX
653	FX 2 TOUCH WAH	FILTER MODE
654	FX 2 TOUCH WAH	POLARITY
655	FX 2 TOUCH WAH	SENS
656	FX 2 TOUCH WAH	FREQUENCY
657	FX 2 TOUCH WAH	RESONANCE
658	FX 2 TOUCH WAH	DECAY
659	FX 2 TOUCH WAH	EFFECT LEVEL
660	FX 2 TOUCH WAH	DIRECT MIX
661	FX 2 VIBRATO	RATE
662	FX 2 VIBRATO	DEPTH
663	FX 2 VIBRATO	COLOR
664	FX 2 VIBRATO	TRIGGER
665	FX 2 VIBRATO	RISE TIME
666	FX 2 VIBRATO	EFFECT LEVEL
667	FX 2 VIBRATO	DIRECT MIX
668	FX 3	ON OFF
669	FX 3	TYPE
670	FX 3 AC GUITAR SIM	BODY
671	FX 3 AC GUITAR SIM	LOW
672	FX 3 AC GUITAR SIM	HIGH
673	FX 3 AC GUITAR SIM	LEVEL
674	FX 3 AC RESONANCE	TYPE
675	FX 3 AC RESONANCE	RESONANCE
676	FX 3 AC RESONANCE	tone
677	FX 3 AC RESONANCE	LEVEL
678	FX 3 AUTO WAH	FILTER MODE
679	FX 3 AUTO WAH	RATE
680	FX 3 AUTO WAH	DEPTH
681	FX 3 AUTO WAH	FREQUENCY
682	FX 3 AUTO WAH	RESONANCE
683	FX 3 AUTO WAH	WAVEFORM
684	FX 3 AUTO WAH	EFFECT LEVEL
685	FX 3 AUTO WAH	DIRECT MIX
686	FX 3 CHORUS	TYPE
687	FX 3 CHORUS	RATE
688	FX 3 CHORUS	DEPTH
689	FX 3 CHORUS	PRE-DELAY
690	FX 3 CHORUS	WAVEFORM
691	FX 3 CHORUS	LOW CUT
692	FX 3 CHORUS	HIGH CUT
693	FX 3 CHORUS	EFFECT LEVEL
694	FX 3 CHORUS	DIRECT LEVEL
695	FX 3 CHORUS DUAL	RATE 1
696	FX 3 CHORUS DUAL	DEPTH 1
697	FX 3 CHORUS DUAL	PRE-DELAY 1
698	FX 3 CHORUS DUAL	WAVEFORM 1
699	FX 3 CHORUS DUAL	LOW CUT 1
700	FX 3 CHORUS DUAL	HIGH CUT 1
701	FX 3 CHORUS DUAL	EFFECT LEVEL 1
702	FX 3 CHORUS DUAL	RATE 2
703	FX 3 CHORUS DUAL	DEPTH 2
704	FX 3 CHORUS DUAL	PRE-DELAY 2
705	FX 3 CHORUS DUAL	WAVEFORM 2
706	FX 3 CHORUS DUAL	LOW CUT 2
707	FX 3 CHORUS DUAL	HIGH CUT 2
708	FX 3 CHORUS DUAL	EFFECT LEVEL 2
709	FX 3 CHORUS	OUTPUT MODE
710	FX 3 CHORUS PRIME	SWEETNESS
711	FX 3 CHORUS PRIME	BELL
712	FX 3 CHORUS CE-1	PREAMP SW
713	FX 3 CHORUS CE-1	PREAMP GAIN
714	FX 3 CHORUS CE-1	PREAMP LEVEL
715	FX 3 CLASSIC-VIBE	MODE
716	FX 3 CLASSIC-VIBE	RATE
717	FX 3 CLASSIC-VIBE	DEPTH
718	FX 3 CLASSIC-VIBE	EFFECT LEVEL
719	FX 3 COMP	TYPE
720	FX 3 COMP	SUSTAIN
721	FX 3 COMP	ATTACK
722	FX 3 COMP	tone
723	FX 3 COMP	RATIO
724	FX 3 COMP	LEVEL
725	FX 3 COMP	DIRECT MIX
726	FX 3 DEFRETTER	SENS
727	FX 3 DEFRETTER	DEPTH
728	FX 3 DEFRETTER	tone
729	FX 3 DEFRETTER	ATTACK
730	FX 3 DEFRETTER	RESONANCE
731	FX 3 DEFRETTER	EFFECT LEVEL
732	FX 3 DEFRETTER	DIRECT MIX
733	FX 3 FEEDBACKER	MODE

#	Category	Target
734	FX 3 FEEDBACKER	TRIGGER
735	FX 3 FEEDBACKER	DEPTH
736	FX 3 FEEDBACKER	RISE TIME
737	FX 3 FEEDBACKER	OCTAVE RISE TIME
738	FX 3 FEEDBACKER	FEEDBACK
739	FX 3 FEEDBACKER	OCTAVE FEEDBACK
740	FX 3 FEEDBACKER	VIB RATE
741	FX 3 FEEDBACKER	VIB DEPTH
742	FX 3 FLANGER	RATE
743	FX 3 FLANGER	DEPTH
744	FX 3 FLANGER	RESONANCE
745	FX 3 FLANGER	MANUAL
746	FX 3 FLANGER	TURBO
747	FX 3 FLANGER	WAVEFORM
748	FX 3 FLANGER	STEPRATE
749	FX 3 FLANGER	SEPARATION
750	FX 3 FLANGER	LOW DAMP
751	FX 3 FLANGER	HIGH DAMP
752	FX 3 FLANGER	LOW CUT
753	FX 3 FLANGER	HIGH CUT
754	FX 3 FLANGER	EFFECT LEVEL
755	FX 3 FLANGER	DIRECT MIX
756	FX 3 HARMONIST	VOICE
757	FX 3 HARMONIST	HR1 HARMONY
758	FX 3 HARMONIST	HR1 PRE-DELAY
759	FX 3 HARMONIST	HR1 FEEDBACK
760	FX 3 HARMONIST	HR1 LEVEL
761	FX 3 HARMONIST	HR2 HARMONY
762	FX 3 HARMONIST	HR2 PRE-DELAY
763	FX 3 HARMONIST	HR2 LEVEL
764	FX 3 HARMONIST	DIRECT LEVEL
765	FX 3 HUMANIZER	MODE
766	FX 3 HUMANIZER	VOWEL1
767	FX 3 HUMANIZER	VOWEL2
768	FX 3 HUMANIZER	SENS
769	FX 3 HUMANIZER	RATE
770	FX 3 HUMANIZER	DEPTH
771	FX 3 HUMANIZER	MANUAL
772	FX 3 HUMANIZER	LEVEL
773	FX 3 OCTAVE	TYPE
774	FX 3 OCTAVE	-2OCT
775	FX 3 OCTAVE	-1OCT
776	FX 3 OCTAVE	DIRECT LEVEL
777	FX 3 OCTAVE	RANGE
778	FX 3 OCTAVE	POLY OCTAVE LEVEL
779	FX 3 OVERTONE	LOWER LEVEL
780	FX 3 OVERTONE	UPPER LEVEL
781	FX 3 OVERTONE	UNISON LEVEL
782	FX 3 OVERTONE	DIRECT LEVEL
783	FX 3 OVERTONE	DETUNE
784	FX 3 OVERTONE	LOW
785	FX 3 OVERTONE	HIGH
786	FX 3 OVERTONE	OUTPUT MODE
787	FX 3 PAN	RATE
788	FX 3 PAN	DEPTH
789	FX 3 PAN	WAVEFORM
790	FX 3 PAN	EFFECT LEVEL
791	FX 3 PAN	DIRECT MIX
792	FX 3 PHASER	TYPE
793	FX 3 PHASER	STAGE
794	FX 3 PHASER	RATE
795	FX 3 PHASER	DEPTH
796	FX 3 PHASER	RESONANCE
797	FX 3 PHASER	MANUAL
798	FX 3 PHASER	WAVEFORM
799	FX 3 PHASER	STEP RATE
800	FX 3 PHASER	B1-PHASE
801	FX 3 PHASER	SEPARATION
802	FX 3 PHASER	LOW DAMP
803	FX 3 PHASER	HIGH DAMP
804	FX 3 PHASER	LOW CUT
805	FX 3 PHASER	HIGH CUT
806	FX 3 PHASER	EFFECT LEVEL
807	FX 3 PHASER	DIRECT MIX
808	FX 3 PITCH SHIFTER	VOICE
809	FX 3 PITCH SHIFTER	PS1 PITCH
810	FX 3 PITCH SHIFTER	PS1 MODE
811	FX 3 PITCH SHIFTER	PS1 FINE
812	FX 3 PITCH SHIFTER	PS1 PRE-DELAY
813	FX 3 PITCH SHIFTER	PS1 FEEDBACK
814	FX 3 PITCH SHIFTER	PS1 LEVEL
815	FX 3 PITCH SHIFTER	PS2 PITCH
816	FX 3 PITCH SHIFTER	PS2 MODE
817	FX 3 PITCH SHIFTER	PS2 FINE
818	FX 3 PITCH SHIFTER	PS2 PRE-DELAY
819	FX 3 PITCH SHIFTER	PS2 LEVEL
820	FX 3 PITCH SHIFTER	DIRECT LEVEL
821	FX 3 RING MOD	INTELLIGENT
822	FX 3 RING MOD	FREQUENCY
823	FX 3 RING MOD	FREQ MOD RATE
824	FX 3 RING MOD	FREQ MOD DEPTH
825	FX 3 RING MOD	EFFECT LEVEL
826	FX 3 RING MOD	DIRECT MIX
827	FX 3 ROTARY	SPEED SELECT
828	FX 3 ROTARY	SLOW RATE
829	FX 3 ROTARY	FAST RATE
830	FX 3 ROTARY	RISE TIME
831	FX 3 ROTARY	FALL TIME
832	FX 3 ROTARY	MIC DISTANCE
833	FX 3 ROTARY	ROTOR HORN
834	FX 3 ROTARY	DRIVE
835	FX 3 ROTARY	EFFECT LEVEL
836	FX 3 ROTARY	DIRECT MIX
837	FX 3 SITAR SIM	SENS
838	FX 3 SITAR SIM	DEPTH

#	Category	Target
839	FX 3 SITAR SIM	tone
840	FX 3 SITAR SIM	RESONANCE
841	FX 3 SITAR SIM	BUZZ
842	FX 3 SITAR SIM	EFFECT LEVEL
843	FX 3 SITAR SIM	DIRECT MIX
844	FX 3 SLICER	PATTERN
845	FX 3 SLICER	RATE
846	FX 3 SLICER	TRIGGER
847	FX 3 SLICER	ATTACK
848	FX 3 SLICER	DUTY
849	FX 3 SLICER	EFFECT LEVEL
850	FX 3 SLICER	DIRECT MIX
851	FX 3 SLOW GEAR	SENS
852	FX 3 SLOW GEAR	RISE TIME
853	FX 3 SLOW GEAR	LEVEL
854	FX 3 SOUND HOLD	TRIGGER
855	FX 3 SOUND HOLD	RISE TIME
856	FX 3 SOUND HOLD	LEVEL
857	FX 3 S-BEND	TRIGGER
858	FX 3 S-BEND	PITCH
859	FX 3 S-BEND	RISE TIME
860	FX 3 S-BEND	FALL TIME
861	FX 3 TREMOLO	RATE
862	FX 3 TREMOLO	DEPTH
863	FX 3 TREMOLO	WAVEFORM
864	FX 3 TREMOLO	TRIGGER
865	FX 3 TREMOLO	RISE TIME
866	FX 3 TREMOLO	EFFECT LEVEL
867	FX 3 TREMOLO	DIRECT MIX
868	FX 3 TOUCH WAH	FILTER MODE
869	FX 3 TOUCH WAH	POLARITY
870	FX 3 TOUCH WAH	SENS
871	FX 3 TOUCH WAH	FREQUENCY
872	FX 3 TOUCH WAH	RESONANCE
873	FX 3 TOUCH WAH	DECAY
874	FX 3 TOUCH WAH	EFFECT LEVEL
875	FX 3 TOUCH WAH	DIRECT MIX
876	FX 3 VIBRATO	RATE
877	FX 3 VIBRATO	DEPTH
878	FX 3 VIBRATO	COLOR
879	FX 3 VIBRATO	TRIGGER
880	FX 3 VIBRATO	RISE TIME
881	FX 3 VIBRATO	EFFECT LEVEL
882	FX 3 VIBRATO	DIRECT MIX
883	REVERB	ON OFF
884	REVERB	TYPE
885	REVERB	TIME
886	REVERB	tone
887	REVERB	DENSITY
888	REVERB	PRE-DELAY
889	REVERB	LOW CUT
890	REVERB	HIGH CUT
891	REVERB	LOW DAMP
892	REVERB	HIGH DAMP
893	REVERB	MOD RATE
894	REVERB	MOD DEPTH
895	REVERB	DUCK SENS
896	REVERB	DUCK PRE DEPTH
897	REVERB	DUCK POST DEPTH
898	REVERB	EFFECT LEVEL
899	REVERB	DIRECT LEVEL
900	REVERB SHIMMER	PITCH 1
901	REVERB SHIMMER	LEVEL 1
902	REVERB SHIMMER	PITCH 2
903	REVERB SHIMMER	LEVEL 2
904	REVERB DUAL	TYPE 1
905	REVERB DUAL	TIME 1
906	REVERB DUAL	PRE-DELAY 1
907	REVERB DUAL	DENSITY 1
908	REVERB DUAL	tone 1
909	REVERB DUAL	LOW CUT 1
910	REVERB DUAL	HIGH CUT 1
911	REVERB DUAL	EFFECT LEVEL 1
912	REVERB DUAL	TYPE 2
913	REVERB DUAL	TIME 2
914	REVERB DUAL	PRE-DELAY 2
915	REVERB DUAL	DENSITY 2
916	REVERB DUAL	tone 2
917	REVERB DUAL	LOW CUT 2
918	REVERB DUAL	HIGH CUT 2
919	REVERB DUAL	EFFECT LEVEL 2
920	REVERB TERA ECHO	MODE
921	REVERB TERA ECHO	SPREAD TIME
922	REVERB TERA ECHO	FEEDBACK
923	REVERB TERA ECHO	TRIGGER
924	PEDAL FX	ON OFF
925	PEDAL FX	TYPE
926	PEDAL FX WAH	WAH TYPE
927	PEDAL FX BEND	PITCH MAX
928	PEDAL FX BEND	PEDAL POSITION
929	PEDAL FX BEND	EFFECT LEVEL
930	PEDAL FX BEND	DIRECT MIX
931	FOOT VOLUME	VOLUME MIN
932	FOOT VOLUME	VOLUME MAX
933	FOOT VOLUME	VOLUME CURVE
934	FOOT VOLUME	PEDAL POSITION
935	DIVIDER 1	MODE
936	DIVIDER 1	CH SELECT
937	DIVIDER 1	A DYNAMIC
938	DIVIDER 1	A DYNAMIC SENS
939	DIVIDER 1	A FILTER
940	DIVIDER 1	A CUTOFF FREQUENCY
941	DIVIDER 1	B DYNAMIC
942	DIVIDER 1	B DYNAMIC SENS
943	DIVIDER 1	B FILTER

#	Category	Target
944	DIVIDER 1	B CUTOFF FREQUENCY
945	DIVIDER 2	MODE
946	DIVIDER 2	CH SELECT
947	DIVIDER 2	A DYNAMIC
948	DIVIDER 2	A DYNAMIC SENS
949	DIVIDER 2	A FILTER
950	DIVIDER 2	A CUTOFF FREQUENCY
951	DIVIDER 2	B DYNAMIC
952	DIVIDER 2	B DYNAMIC SENS
953	DIVIDER 2	B FILTER
954	DIVIDER 2	B CUTOFF FREQUENCY
955	DIVIDER 3	MODE
956	DIVIDER 3	CH SELECT
957	DIVIDER 3	A DYNAMIC
958	DIVIDER 3	A DYNAMIC SENS
959	DIVIDER 3	A FILTER
960	DIVIDER 3	A CUTOFF FREQUENCY
961	DIVIDER 3	B DYNAMIC
962	DIVIDER 3	B DYNAMIC SENS
963	DIVIDER 3	B FILTER
964	DIVIDER 3	B CUTOFF FREQUENCY
965	MIXER 1	MODE
966	MIXER 1	A B BALANCE
967	MIXER 1	SPREAD
968	MIXER 2	MODE
969	MIXER 2	A B BALANCE
970	MIXER 2	SPREAD
971	MIXER 3	MODE
972	MIXER 3	A B BALANCE
973	MIXER 3	SPREAD
974	SEND RETURN 1	STEREO LINK
975	SEND RETURN 1	ON OFF
976	SEND RETURN 1	MODE
977	SEND RETURN 1	SEND LEVEL
978	SEND RETURN 1	RETURN LEVEL
979	SEND RETURN 1	ADJUST
980	SEND RETURN 2	ON OFF
981	SEND RETURN 2	MODE
982	SEND RETURN 2	SEND LEVEL
983	SEND RETURN 2	RETURN LEVEL
984	SEND RETURN 2	ADJUST
985	LOOPER	PLAY LEVEL
986	MASTER	PATCH LEVEL
987	MASTER	BPM
988	MASTER	KEY
989	AMP CTL	AMP CTL 1
990	AMP CTL	AMP CTL 2
991	TUNER	ON OFF
992	PATCH	PATCH SELECT
993	MASTER DELAY	TAP TIME
994	CHORUS DUAL	OUTPUT MODE
995	PEDAL FX WAH	PEDAL MIN
996	PEDAL FX WAH	PEDAL MAX
997	MASTER	CARRYOVER
998	SUB OUT	OUTPUT LEVEL
999	PEDAL FX WAH	PEDAL POSITION
1000	USB AUDIO	MAIN MIXLEVEL
1001	USB AUDIO	SUB MIXLEVEL
1002	MAIN G.EQ L/S	LOW GAIN
1003	MAIN G.EQ L/S	MID GAIN
1004	MAIN G.EQ L/S	HIGH GAIN
1005	MAIN G.EQ L/S	LEVEL
1006	MAIN G.EQ R/S	LOW GAIN
1007	MAIN G.EQ R/S	MID GAIN
1008	MAIN G.EQ R/S	HIGH GAIN
1009	MAIN G.EQ R/S	LEVEL
1010	SUB G.EQ L/S	LOW GAIN
1011	SUB G.EQ L/S	MID GAIN
1012	SUB G.EQ L/S	HIGH GAIN
1013	SUB G.EQ L/S	LEVEL
1014	SUB G.EQ R/S	LOW GAIN
1015	SUB G.EQ R/S	MID GAIN
1016	SUB G.EQ R/S	HIGH GAIN
1017	SUB G.EQ R/S	LEVEL
1018	AIRD PREAMP	TYPE
1019	AIRD PREAMP	GAIN
1020	AIRD PREAMP	BASS
1021	AIRD PREAMP	MIDDLE
1022	AIRD PREAMP	TREBLE
1023	AIRD PREAMP	LEVEL
1024	TOTAL REVERB	LEVEL
1025	MASTER DELAY ECHO	WOW & FLUTTER (ver.2.00-)
1026	MASTER DELAY ECHO	SPACE HEAD
1027	MASTER DELAY ECHO	BINDRUM HEAD
1028	MASTER DELAY ECHO	SELECTOR
1029	COMP X-BASS	THRESHOLD (ver.3.00-)
1030	FX 1 COMP X-BASS	THRESHOLD
1031	FX 1 DEFRETTER BASS	SENS
1032	FX 1 DEFRETTER BASS	ATTACK
1033	FX 1 DEFRETTER BASS	tone
1034	FX 1 DEFRETTER BASS	EFFECT LEVEL
1035	FX 1 DEFRETTER BASS	DIRECT MIX
1036	FX 1 OCTAVE BASS	-2OCT
1037	FX 1 OCTAVE BASS	-1OCT
1038	FX 1 OCTAVE BASS	DIRECT LEVEL
1039	FX 1 SLOW GEAR BASS	SENS
1040	FX 1 SLOW GEAR BASS	RISE TIME
1041	FX 1 SLOW GEAR BASS	LEVEL
1042	FX 1 TOUCH WAH BASS	FILTER MODE
1043	FX 1 TOUCH WAH BASS	POLARITY
1044	FX 1 TOUCH WAH BASS	SENS
1045	FX 1 TOUCH WAH BASS	FREQUENCY
1046	FX 1 TOUCH WAH BASS	RESONANCE
1047	FX 1 TOUCH WAH BASS	DECAY
1048	FX 1 TOUCH WAH BASS	EFFECT LEVEL

#	Category	Target
1049	FX 1 TOUCH WAH BASS	DIRECT MIX
1050	FX 1 CHORUS BASS	TYPE
1051	FX 1 CHORUS BASS	RATE
1052	FX 1 CHORUS BASS	DEPTH
1053	FX 1 CHORUS BASS	EFFECT LEVEL
1054	FX 1 CHORUS BASS	LOW CUT
1055	FX 1 CHORUS BASS	HIGH CUT
1056	FX 1 FLANGER BASS	RATE
1057	FX 1 FLANGER BASS	DEPTH
1058	FX 1 FLANGER BASS	RESONANCE
1059	FX 1 FLANGER BASS	MANUAL
1060	FX 1 FLANGER BASS	TURBO
1061	FX 1 FLANGER BASS	WAVEFORM
1062	FX 1 FLANGER BASS	STEPRATE
1063	FX 1 FLANGER BASS	SEPARATION
1064	FX 1 FLANGER BASS	EFFECT LEVEL
1065	FX 1 FLANGER BASS	LOW DAMP
1066	FX 1 FLANGER BASS	HIGH DAMP
1067	FX 1 FLANGER BASS	LOW CUT
1068	FX 1 FLANGER BASS	HIGH CUT
1069	FX 1 FLANGER BASS	DIRECT MIX
1070	FX 2 COMP X-BASS	THRESHOLD
1071	FX 2 DEFRETTER BASS	SENS
1072	FX 2 DEFRETTER BASS	ATTACK
1073	FX 2 DEFRETTER BASS	TOPE
1074	FX 2 DEFRETTER BASS	EFFECT LEVEL
1075	FX 2 DEFRETTER BASS	DIRECT MIX
1076	FX 2 OCTAVE BASS	-20CT
1077	FX 2 OCTAVE BASS	-10CT
1078	FX 2 OCTAVE BASS	DIRECT LEVEL
1079	FX 2 SLOW GEAR BASS	SENS
1080	FX 2 SLOW GEAR BASS	RISE TIME
1081	FX 2 SLOW GEAR BASS	LEVEL
1082	FX 2 TOUCH WAH BASS	FILTER MODE
1083	FX 2 TOUCH WAH BASS	POLARITY
1084	FX 2 TOUCH WAH BASS	SENS
1085	FX 2 TOUCH WAH BASS	FREQUENCY
1086	FX 2 TOUCH WAH BASS	RESONANCE
1087	FX 2 TOUCH WAH BASS	DECAY
1088	FX 2 TOUCH WAH BASS	EFFECT LEVEL
1089	FX 2 TOUCH WAH BASS	DIRECT MIX
1090	FX 2 CHORUS BASS	TYPE
1091	FX 2 CHORUS BASS	RATE
1092	FX 2 CHORUS BASS	DEPTH
1093	FX 2 CHORUS BASS	EFFECT LEVEL
1094	FX 2 CHORUS BASS	LOW CUT
1095	FX 2 CHORUS BASS	HIGH CUT
1096	FX 2 FLANGER BASS	RATE
1097	FX 2 FLANGER BASS	DEPTH
1098	FX 2 FLANGER BASS	RESONANCE
1099	FX 2 FLANGER BASS	MANUAL
1100	FX 2 FLANGER BASS	TURBO
1101	FX 2 FLANGER BASS	WAVEFORM
1102	FX 2 FLANGER BASS	STEPRATE
1103	FX 2 FLANGER BASS	SEPARATION
1104	FX 2 FLANGER BASS	EFFECT LEVEL
1105	FX 2 FLANGER BASS	LOW DAMP
1106	FX 2 FLANGER BASS	HIGH DAMP
1107	FX 2 FLANGER BASS	LOW CUT
1108	FX 2 FLANGER BASS	HIGH CUT
1109	FX 2 FLANGER BASS	DIRECT MIX
1110	FX 3 COMP X-BASS	THRESHOLD
1111	FX 3 DEFRETTER BASS	SENS
1112	FX 3 DEFRETTER BASS	ATTACK
1113	FX 3 DEFRETTER BASS	TOPE
1114	FX 3 DEFRETTER BASS	EFFECT LEVEL
1115	FX 3 DEFRETTER BASS	DIRECT MIX
1116	FX 3 OCTAVE BASS	-20CT
1117	FX 3 OCTAVE BASS	-10CT
1118	FX 3 OCTAVE BASS	DIRECT LEVEL
1119	FX 3 SLOW GEAR BASS	SENS
1120	FX 3 SLOW GEAR BASS	RISE TIME
1121	FX 3 SLOW GEAR BASS	LEVEL
1122	FX 3 TOUCH WAH BASS	FILTER MODE
1123	FX 3 TOUCH WAH BASS	POLARITY
1124	FX 3 TOUCH WAH BASS	SENS
1125	FX 3 TOUCH WAH BASS	FREQUENCY
1126	FX 3 TOUCH WAH BASS	RESONANCE
1127	FX 3 TOUCH WAH BASS	DECAY
1128	FX 3 TOUCH WAH BASS	EFFECT LEVEL
1129	FX 3 TOUCH WAH BASS	DIRECT MIX
1130	FX 3 CHORUS BASS	TYPE
1131	FX 3 CHORUS BASS	RATE
1132	FX 3 CHORUS BASS	DEPTH
1133	FX 3 CHORUS BASS	EFFECT LEVEL
1134	FX 3 CHORUS BASS	LOW CUT
1135	FX 3 CHORUS BASS	HIGH CUT
1136	FX 3 FLANGER BASS	RATE
1137	FX 3 FLANGER BASS	DEPTH
1138	FX 3 FLANGER BASS	RESONANCE
1139	FX 3 FLANGER BASS	MANUAL
1140	FX 3 FLANGER BASS	TURBO
1141	FX 3 FLANGER BASS	WAVEFORM
1142	FX 3 FLANGER BASS	STEPRATE
1143	FX 3 FLANGER BASS	SEPARATION
1144	FX 3 FLANGER BASS	EFFECT LEVEL
1145	FX 3 FLANGER BASS	LOW DAMP
1146	FX 3 FLANGER BASS	HIGH DAMP
1147	FX 3 FLANGER BASS	LOW CUT
1148	FX 3 FLANGER BASS	HIGH CUT
1149	FX 3 FLANGER BASS	DIRECT MIX
1150	MASTER	BASS MODE
1151	FX 1 DISTORTION	TYPE
1152	FX 1 DISTORTION	DRIVE
1153	FX 1 DISTORTION	TOPE

#	Category	Target
1154	FX 1 DISTORTION	LEVEL
1155	FX 1 DISTORTION	BOTTOM
1156	FX 1 DISTORTION	DIRECT MIX
1157	FX 1 DISTORTION	SOLO SW
1158	FX 1 DISTORTION	SOLO LEVEL
1159	FX 2 DISTORTION	TYPE
1160	FX 2 DISTORTION	DRIVE
1161	FX 2 DISTORTION	TOPE
1162	FX 2 DISTORTION	LEVEL
1163	FX 2 DISTORTION	BOTTOM
1164	FX 2 DISTORTION	DIRECT MIX
1165	FX 2 DISTORTION	SOLO SW
1166	FX 2 DISTORTION	SOLO LEVEL
1167	FX 3 DISTORTION	TYPE
1168	FX 3 DISTORTION	DRIVE
1169	FX 3 DISTORTION	TOPE
1170	FX 3 DISTORTION	LEVEL
1171	FX 3 DISTORTION	BOTTOM
1172	FX 3 DISTORTION	DIRECT MIX
1173	FX 3 DISTORTION	SOLO SW
1174	FX 3 DISTORTION	SOLO LEVEL
1175	FX 4	ON OFF
1176	FX 4	TYPE
1177	FX 4 AC GUITAR SIM	BODY
1178	FX 4 AC GUITAR SIM	LOW
1179	FX 4 AC GUITAR SIM	HIGH
1180	FX 4 AC GUITAR SIM	LEVEL
1181	FX 4 AC RESONANCE	TYPE
1182	FX 4 AC RESONANCE	RESONANCE
1183	FX 4 AC RESONANCE	TOPE
1184	FX 4 AC RESONANCE	LEVEL
1185	FX 4 AUTO WAH	FILTER MODE
1186	FX 4 AUTO WAH	RATE
1187	FX 4 AUTO WAH	DEPTH
1188	FX 4 AUTO WAH	FREQUENCY
1189	FX 4 AUTO WAH	RESONANCE
1190	FX 4 AUTO WAH	WAVEFORM
1191	FX 4 AUTO WAH	EFFECT LEVEL
1192	FX 4 AUTO WAH	DIRECT MIX
1193	FX 4 CHORUS	TYPE
1194	FX 4 CHORUS	RATE
1195	FX 4 CHORUS	DEPTH
1196	FX 4 CHORUS	PRE-DELAY
1197	FX 4 CHORUS	WAVEFORM
1198	FX 4 CHORUS	EFFECT LEVEL
1199	FX 4 CHORUS	DIRECT LEVEL
1200	FX 4 CHORUS	LOW CUT
1201	FX 4 CHORUS	HIGH CUT
1202	FX 4 CHORUS	OUTPUT MODE
1203	FX 4 CHORUS DUAL	RATE 1
1204	FX 4 CHORUS DUAL	DEPTH 1
1205	FX 4 CHORUS DUAL	PRE-DELAY 1
1206	FX 4 CHORUS DUAL	WAVEFORM 1
1207	FX 4 CHORUS DUAL	EFFECT LEVEL 1
1208	FX 4 CHORUS DUAL	LOW CUT 1
1209	FX 4 CHORUS DUAL	HIGH CUT 1
1210	FX 4 CHORUS DUAL	RATE 2
1211	FX 4 CHORUS DUAL	DEPTH 2
1212	FX 4 CHORUS DUAL	PRE-DELAY 2
1213	FX 4 CHORUS DUAL	WAVEFORM 2
1214	FX 4 CHORUS DUAL	EFFECT LEVEL 2
1215	FX 4 CHORUS DUAL	LOW CUT 2
1216	FX 4 CHORUS DUAL	HIGH CUT 2
1217	FX 4 CHORUS PRIME	SWEETNESS
1218	FX 4 CHORUS PRIME	BELL
1219	FX 4 CHORUS CE-1	PREAMP SW
1220	FX 4 CHORUS CE-1	PREAMP GAIN
1221	FX 4 CHORUS CE-1	PREAMP LEVEL
1222	FX 4 CHORUS BASS	TYPE
1223	FX 4 CHORUS BASS	RATE
1224	FX 4 CHORUS BASS	DEPTH
1225	FX 4 CHORUS BASS	EFFECT LEVEL
1226	FX 4 CHORUS BASS	LOW CUT
1227	FX 4 CHORUS BASS	HIGH CUT
1228	FX 4 CLASSIC-VIBE	MODE
1229	FX 4 CLASSIC-VIBE	RATE
1230	FX 4 CLASSIC-VIBE	DEPTH
1231	FX 4 CLASSIC-VIBE	EFFECT LEVEL
1232	FX 4 COMP	TYPE
1233	FX 4 COMP	SUSTAIN
1234	FX 4 COMP	ATTACK
1235	FX 4 COMP	RATIO
1236	FX 4 COMP	TOPE
1237	FX 4 COMP	LEVEL
1238	FX 4 COMP	DIRECT MIX
1239	FX 4 COMP X-BASS	THRESHOLD
1240	FX 4 DEFRETTER	SENS
1241	FX 4 DEFRETTER	DEPTH
1242	FX 4 DEFRETTER	ATTACK
1243	FX 4 DEFRETTER	RESONANCE
1244	FX 4 DEFRETTER	TOPE
1245	FX 4 DEFRETTER	EFFECT LEVEL
1246	FX 4 DEFRETTER	DIRECT MIX
1247	FX 4 DEFRETTER BASS	SENS
1248	FX 4 DEFRETTER BASS	ATTACK
1249	FX 4 DEFRETTER BASS	TOPE
1250	FX 4 DEFRETTER BASS	EFFECT LEVEL
1251	FX 4 DEFRETTER BASS	DIRECT MIX
1252	FX 4 DISTORTION	TYPE
1253	FX 4 DISTORTION	DRIVE
1254	FX 4 DISTORTION	TOPE
1255	FX 4 DISTORTION	LEVEL
1256	FX 4 DISTORTION	BOTTOM
1257	FX 4 DISTORTION	DIRECT MIX
1258	FX 4 DISTORTION	SOLO SW

#	Category	Target	
1259	FX 4 DISTORTION	SOLO LEVEL	((*)
1260	FX 4 FEEDBACKER	MODE	((*)
1261	FX 4 FEEDBACKER	TRIGGER	((*)
1262	FX 4 FEEDBACKER	DEPTH	((*)
1263	FX 4 FEEDBACKER	RISE TIME	((*)
1264	FX 4 FEEDBACKER	OCTAVE RISE TIME	((*)
1265	FX 4 FEEDBACKER	FEEDBACK	((*)
1266	FX 4 FEEDBACKER	OCTAVE FEEDBACK	((*)
1267	FX 4 FEEDBACKER	VIB RATE	((*)
1268	FX 4 FEEDBACKER	VIB DEPTH	((*)
1269	FX 4 FLANGER	RATE	((*)
1270	FX 4 FLANGER	DEPTH	((*)
1271	FX 4 FLANGER	RESONANCE	((*)
1272	FX 4 FLANGER	MANUAL	((*)
1273	FX 4 FLANGER	TURBO	((*)
1274	FX 4 FLANGER	WAVEFORM	((*)
1275	FX 4 FLANGER	STEPRATE	((*)
1276	FX 4 FLANGER	SEPARATION	((*)
1277	FX 4 FLANGER	EFFECT LEVEL	((*)
1278	FX 4 FLANGER	LOW DAMP	((*)
1279	FX 4 FLANGER	HIGH DAMP	((*)
1280	FX 4 FLANGER	LOW CUT	((*)
1281	FX 4 FLANGER	HIGH CUT	((*)
1282	FX 4 FLANGER	DIRECT MIX	((*)
1283	FX 4 FLANGER BASS	RATE	((*)
1284	FX 4 FLANGER BASS	DEPTH	((*)
1285	FX 4 FLANGER BASS	RESONANCE	((*)
1286	FX 4 FLANGER BASS	MANUAL	((*)
1287	FX 4 FLANGER BASS	TURBO	((*)
1288	FX 4 FLANGER BASS	WAVEFORM	((*)
1289	FX 4 FLANGER BASS	STEPRATE	((*)
1290	FX 4 FLANGER BASS	SEPARATION	((*)
1291	FX 4 FLANGER BASS	EFFECT LEVEL	((*)
1292	FX 4 FLANGER BASS	LOW DAMP	((*)
1293	FX 4 FLANGER BASS	HIGH DAMP	((*)
1294	FX 4 FLANGER BASS	LOW CUT	((*)
1295	FX 4 FLANGER BASS	HIGH CUT	((*)
1296	FX 4 FLANGER BASS	DIRECT MIX	((*)
1297	FX 4 HARMONIST	VOICE	((*)
1298	FX 4 HARMONIST	HR1 HARMONY	((*)
1299	FX 4 HARMONIST	HR1 PRE-DELAY	((*)
1300	FX 4 HARMONIST	HR1 FEEDBACK	((*)
1301	FX 4 HARMONIST	HR1 LEVEL	((*)
1302	FX 4 HARMONIST	HR2 HARMONY	((*)
1303	FX 4 HARMONIST	HR2 PRE-DELAY	((*)
1304	FX 4 HARMONIST	HR2 LEVEL	((*)
1305	FX 4 HARMONIST	DIRECT LEVEL	((*)
1306	FX 4 HUMANIZER	MODE	((*)
1307	FX 4 HUMANIZER	VOWEL1	((*)
1308	FX 4 HUMANIZER	VOWEL2	((*)
1309	FX 4 HUMANIZER	SENS	((*)
1310	FX 4 HUMANIZER	RATE	((*)
1311	FX 4 HUMANIZER	DEPTH	((*)
1312	FX 4 HUMANIZER	MANUAL	((*)
1313	FX 4 HUMANIZER	LEVEL	((*)
1314	FX 4 OCTAVE	TYPE	((*)
1315	FX 4 OCTAVE	-20CT	((*)
1316	FX 4 OCTAVE	-10CT	((*)
1317	FX 4 OCTAVE	DIRECT LEVEL	((*)
1318	FX 4 OCTAVE	RANGE	((*)
1319	FX 4 OCTAVE	POLY OCTAVE LEVEL	((*)
1320	FX 4 OCTAVE BASS	-20CT	((*)
1321	FX 4 OCTAVE BASS	-10CT	((*)
1322	FX 4 OCTAVE BASS	DIRECT LEVEL	((*)
1323	FX 4 OVERTONE	LOWER LEVEL	((*)
1324	FX 4 OVERTONE	UPPER LEVEL	((*)
1325	FX 4 OVERTONE	UNISON LEVEL	((*)
1326	FX 4 OVERTONE	DIRECT LEVEL	((*)
1327	FX 4 OVERTONE	DETUNE	((*)
1328	FX 4 OVERTONE	LOW	((*)
1329	FX 4 OVERTONE	HIGH	((*)
1330	FX 4 OVERTONE	OUTPUT MODE	((*)
1331	FX 4 PAN	RATE	((*)
1332	FX 4 PAN	DEPTH	((*)
1333	FX 4 PAN	WAVEFORM	((*)
1334	FX 4 PAN	EFFECT LEVEL	((*)
1335	FX 4 PAN	DIRECT MIX	((*)
1336	FX 4 PHASER	TYPE	((*)
1337	FX 4 PHASER	STAGE	((*)
1338	FX 4 PHASER	RATE	((*)
1339	FX 4 PHASER	DEPTH	((*)
1340	FX 4 PHASER	RESONANCE	((*)
1341	FX 4 PHASER	MANUAL	((*)
1342	FX 4 PHASER	LOW DAMP	((*)
1343	FX 4 PHASER	HIGH DAMP	((*)
1344	FX 4 PHASER	LOW CUT	((*)
1345	FX 4 PHASER	HIGH CUT	((*)
1346	FX 4 PHASER	BI-PHASE	((*)
1347	FX 4 PHASER	WAVEFORM	((*)
1348	FX 4 PHASER	STEP RATE	((*)
1349	FX 4 PHASER	SEPARATION	((*)
1350	FX 4 PHASER	EFFECT LEVEL	((*)
1351	FX 4 PHASER	DIRECT MIX	((*)
1352	FX 4 PITCH SHIFTER	VOICE	((*)
1353	FX 4 PITCH SHIFTER	PS1 PITCH	((*)
1354	FX 4 PITCH SHIFTER	PS1 FINE	((*)
1355	FX 4 PITCH SHIFTER	PS1 FEEDBACK	((*)
1356	FX 4 PITCH SHIFTER	PS1 PRE-DELAY	((*)
1357	FX 4 PITCH SHIFTER	PS1 LEVEL	((*)
1358	FX 4 PITCH SHIFTER	PS1 MODE	((*)
1359	FX 4 PITCH SHIFTER	PS2 PITCH	((*)
1360	FX 4 PITCH SHIFTER	PS2 FINE	((*)
1361	FX 4 PITCH SHIFTER	PS2 PRE-DELAY	((*)
1362	FX 4 PITCH SHIFTER	PS2 LEVEL	((*)
1363	FX 4 PITCH SHIFTER	PS2 MODE	((*)

#	Category	Target	
1364	FX 4 PITCH SHIFTER	DIRECT LEVEL	((*)
1365	FX 4 RING MOD	INTELLIGENT	((*)
1366	FX 4 RING MOD	FREQUENCY	((*)
1367	FX 4 RING MOD	FREQ MOD RATE	((*)
1368	FX 4 RING MOD	FREQ MOD DEPTH	((*)
1369	FX 4 RING MOD	EFFECT LEVEL	((*)
1370	FX 4 RING MOD	DIRECT MIX	((*)
1371	FX 4 ROTARY	SPEED SELECT	((*)
1372	FX 4 ROTARY	SLOW RATE	((*)
1373	FX 4 ROTARY	FAST RATE	((*)
1374	FX 4 ROTARY	RISE TIME	((*)
1375	FX 4 ROTARY	FALL TIME	((*)
1376	FX 4 ROTARY	MIC DISTANCE	((*)
1377	FX 4 ROTARY	ROTOR HORN	((*)
1378	FX 4 ROTARY	DRIVE	((*)
1379	FX 4 ROTARY	EFFECT LEVEL	((*)
1380	FX 4 ROTARY	DIRECT MIX	((*)
1381	FX 4 SITAR SIM	SENS	((*)
1382	FX 4 SITAR SIM	DEPTH	((*)
1383	FX 4 SITAR SIM	RESONANCE	((*)
1384	FX 4 SITAR SIM	BUZZ	((*)
1385	FX 4 SITAR SIM	TOPE	((*)
1386	FX 4 SITAR SIM	EFFECT LEVEL	((*)
1387	FX 4 SITAR SIM	DIRECT MIX	((*)
1388	FX 4 SLICER	PATTERN	((*)
1389	FX 4 SLICER	RATE	((*)
1390	FX 4 SLICER	ATTACK	((*)
1391	FX 4 SLICER	DUTY	((*)
1392	FX 4 SLICER	TRIGGER	((*)
1393	FX 4 SLICER	EFFECT LEVEL	((*)
1394	FX 4 SLICER	DIRECT MIX	((*)
1395	FX 4 SLOW GEAR	SENS	((*)
1396	FX 4 SLOW GEAR	RISE TIME	((*)
1397	FX 4 SLOW GEAR	LEVEL	((*)
1398	FX 4 SLOW GEAR BASS	SENS	((*)
1399	FX 4 SLOW GEAR BASS	RISE TIME	((*)
1400	FX 4 SLOW GEAR BASS	LEVEL	((*)
1401	FX 4 SOUND HOLD	TRIGGER	((*)
1402	FX 4 SOUND HOLD	RISE TIME	((*)
1403	FX 4 SOUND HOLD	LEVEL	((*)
1404	FX 4 S-BEND	TRIGGER	((*)
1405	FX 4 S-BEND	PITCH	((*)
1406	FX 4 S-BEND	RISE TIME	((*)
1407	FX 4 S-BEND	FALL TIME	((*)
1408	FX 4 TOUCH WAH	FILTER MODE	((*)
1409	FX 4 TOUCH WAH	POLARITY	((*)
1410	FX 4 TOUCH WAH	SENS	((*)
1411	FX 4 TOUCH WAH	FREQUENCY	((*)
1412	FX 4 TOUCH WAH	RESONANCE	((*)
1413	FX 4 TOUCH WAH	DECAY	((*)
1414	FX 4 TOUCH WAH	EFFECT LEVEL	((*)
1415	FX 4 TOUCH WAH	DIRECT MIX	((*)
1416	FX 4 TOUCH WAH BASS	FILTER MODE	((*)
1417	FX 4 TOUCH WAH BASS	POLARITY	((*)
1418	FX 4 TOUCH WAH BASS	SENS	((*)
1419	FX 4 TOUCH WAH BASS	FREQUENCY	((*)
1420	FX 4 TOUCH WAH BASS	RESONANCE	((*)
1421	FX 4 TOUCH WAH BASS	DECAY	((*)
1422	FX 4 TOUCH WAH BASS	EFFECT LEVEL	((*)
1423	FX 4 TOUCH WAH BASS	DIRECT MIX	((*)
1424	FX 4 TREMOLO	RATE	((*)
1425	FX 4 TREMOLO	DEPTH	((*)
1426	FX 4 TREMOLO	WAVEFORM	((*)
1427	FX 4 TREMOLO	TRIGGER	((*)
1428	FX 4 TREMOLO	RISE TIME	((*)
1429	FX 4 TREMOLO	EFFECT LEVEL	((*)
1430	FX 4 TREMOLO	DIRECT MIX	((*)
1431	FX 4 VIBRATO	RATE	((*)
1432	FX 4 VIBRATO	DEPTH	((*)
1433	FX 4 VIBRATO	COLOR	((*)
1434	FX 4 VIBRATO	TRIGGER	((*)
1435	FX 4 VIBRATO	RISE TIME	((*)
1436	FX 4 VIBRATO	EFFECT LEVEL	((*)
1437	FX 4 VIBRATO	DIRECT MIX	((*)
1438	MIXER 1	CH A LEVEL	
1439	MIXER 1	CH B LEVEL	
1440	MIXER 2	CH A LEVEL	
1441	MIXER 2	CH B LEVEL	
1442	MIXER 3	CH A LEVEL	
1443	MIXER 3	CH B LEVEL	
1444	PEDAL FX BEND	PITCH MIN	
1445	MASTER DELAY TWIST	FADE TIME	
1446	MASTER DELAY REVERSE	AUTO TRIGGER	
1447	TOTAL NS	THRESHOLD	
1448	INPUT	INPUT L	(**)
1449	INPUT	INPUT R	("INPUT" on GT-10000)
1450	MASTER DELAY GLITCH	DUTY	
1451	MASTER DELAY SDE-3000I	FILTER	
1452	MASTER DELAY SDE-3000I	TIMEX2	
1453	MASTER DELAY SDE-3000I	DELAY PHASE	
1454	MASTER DELAY SDE-3000I	FEEDBACK PHASE	
1455	MASTER DELAY DD-20	TOPE	
1456	FX 1 MST.FX	TYPE	
1457	FX 1 MST.FX	DYNAMICS	
1458	FX 1 MST.FX	TOPE	
1459	FX 1 MST.FX	NATURAL	
1460	FX 2 MST.FX	TYPE	
1461	FX 2 MST.FX	DYNAMICS	
1462	FX 2 MST.FX	TOPE	
1463	FX 2 MST.FX	NATURAL	
1464	FX 3 MST.FX	TYPE	
1465	FX 3 MST.FX	DYNAMICS	
1466	FX 3 MST.FX	TOPE	
1467	FX 3 MST.FX	NATURAL	
1468	FX 4 MST.FX	TYPE	(**)
1469	FX 4 MST.FX	DYNAMICS	(**)
1470	FX 4 MST.FX	TOPE	(**)
1471	FX 4 MST.FX	NATURAL	(**)



Offset	Address	Description
00 18	00aa aaaa	Ctl16 Function(*) (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 19	0000 000a	Ctl16 Mode(*) (0 - 1) TOGGLE, MOMENT
00 1A	00aa aaaa	Ctl17 Function(*) (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 1B	0000 000a	Ctl17 Mode(*) (0 - 1) TOGGLE, MOMENT
00 1C	00aa aaaa	CNum Function(*) (0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 1D	0000 000a	CNum Mode(*) (0 - 1) TOGGLE, MOMENT
00 1E	00aa aaaa	Exp1Sw Function(*) (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 1F	0000 000a	Exp1Sw Mode(*) (0 - 1) TOGGLE, MOMENT
00 20	0000 0aaa	Exp1 Function (0 - 5) OFF, FOOT VOLUME, PEDAL FX, FV/PEDAL FX, FV+TUNER, FV+TUNER/PFX
00 21	0000 0aaa	Exp2 Function (0 - 5) OFF, FOOT VOLUME, PEDAL FX, FV/PEDAL FX, FV+TUNER, FV+TUNER/PFX
00 22	0000 0aaa	Exp3 Function(*) (0 - 5) OFF, FOOT VOLUME, PEDAL FX, FV/PEDAL FX, FV+TUNER, FV+TUNER/PFX
00 23	0000 000a	Num1 Preference (DOWN on GT-1000CORE) (0 - 1) PATCH, SYSTEM
00 24	0000 000a	Num2 Preference (UP on GT-1000CORE) (0 - 1) PATCH, SYSTEM
00 25	0000 000a	Num3 Preference(*) (0 - 1) PATCH, SYSTEM
00 26	0000 000a	Num4 Preference(*) (0 - 1) PATCH, SYSTEM
00 27	0000 000a	Num5 Preference(*) (0 - 1) PATCH, SYSTEM
00 28	0000 000a	BankDown Preference(*) (0 - 1) PATCH, SYSTEM
00 29	0000 000a	BankUp Preference(*) (0 - 1) PATCH, SYSTEM
00 2A	0000 000a	Ctl11 Preference (0 - 1) PATCH, SYSTEM
00 2B	0000 000a	Ctl12 Preference (0 - 1) PATCH, SYSTEM
00 2C	0000 000a	Ctl13 Preference (0 - 1) PATCH, SYSTEM
00 2D	0000 000a	Ctl14 Preference (0 - 1) PATCH, SYSTEM
00 2E	0000 000a	Ctl15 Preference (0 - 1) PATCH, SYSTEM
00 2F	0000 000a	Ctl16 Preference(*) (0 - 1) PATCH, SYSTEM
00 30	0000 000a	Ctl17 Preference(*) (0 - 1) PATCH, SYSTEM
00 31	0000 000a	CNum Preference(*) (0 - 1) PATCH, SYSTEM
00 32	0000 000a	Exp1Sw Preference(*) (0 - 1) PATCH, SYSTEM
00 33	0000 000a	Exp1 Preference (0 - 1) PATCH, SYSTEM

Offset	Address	Description
00 34	0000 000a	Exp2 Preference (0 - 1) PATCH, SYSTEM
00 35	0000 000a	Exp3 Preference(*) (0 - 1) PATCH, SYSTEM
00 36	0000 00aa	CONTROL MODE (0 - 2) MEMORY, MANUAL, PEDALBOARD(*)
00 37	0000 aaaa	INPUT SETTING R("INPUT" on GT-10000) (0 - 9) 1 - 10
00 38	0000 aaaa	INPUT SETTING L(**) (0 - 9) 1 - 10
00 00 00 39	Total Size	

\* [SystemControl2]

Offset	Address	Description
00 00	00aa aaaa	Manual Num1 Function (DOWN on GT-1000CORE) (0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 01	0000 000a	Manual Num1 Mode (DOWN on GT-1000CORE) (0 - 1) TOGGLE, MOMENT
00 02	00aa aaaa	Manual Num2 Function (UP on GT-1000CORE) (0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 03	0000 000a	Manual Num2 Mode (UP on GT-1000CORE) (0 - 1) TOGGLE, MOMENT
00 04	00aa aaaa	Manual Num3 Function(*) (0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 05	0000 000a	Manual Num3 Mode(*) (0 - 1) TOGGLE, MOMENT
00 06	00aa aaaa	Manual Num4 Function(*) (0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 07	0000 000a	Manual Num4 Mode(*) (0 - 1) TOGGLE, MOMENT
00 08	00aa aaaa	Manual Num5 Function(*) (0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CHO, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 09	0000 000a	Manual Num5 Mode(*) (0 - 1) TOGGLE, MOMENT
00 0A	0000 000a	Manual Num1 Preference (DOWN on GT-1000CORE) (0 - 1) PATCH, SYSTEM
00 0B	0000 000a	Manual Num2 Preference (UP on GT-1000CORE) (0 - 1) PATCH, SYSTEM
00 0C	0000 000a	Manual Num3 Preference(*) (0 - 1) PATCH, SYSTEM
00 0D	0000 000a	Manual Num4 Preference(*) (0 - 1) PATCH, SYSTEM
00 0E	0000 000a	Manual Num5 Preference(*) (0 - 1) PATCH, SYSTEM
00 0F	0000 000a	N/A(fixed value) (1)
00 10	0000 0000	N/A(fixed value) (0)

Offset	Address	Description	
00 11	0000 00aa	N/A(fixed value)	(2)
00 12	0000 0000	N/A(fixed value)	(0)
00 13	0000 0000	N/A(fixed value)	(0)
00 14	0000 0000	N/A(fixed value)	(0)
#	00 15	0000 aaaa	
	00 16	0000 bbbb	
	00 17	0000 cccc	
#	00 18	0000 dddd	PATCH EXTENT MIN(**) (0 - 499)
	00 19	0000 aaaa	
	00 1A	0000 bbbb	
	00 1B	0000 cccc	
	00 1C	0000 dddd	PATCH EXTENT MAX(**) (0 - 499)
<p>"PATCH EXTENT MIN" and "PATCH EXTENT MAX" are pair parameters.  The DT1 to each parameter is temporarily suspended, and the DT1 to the pair parameter final address automatically checks the pending parameters, and if there is no problem, the value is set. If the value is incomplete it will not be set.  Parameters before set are read out for the RQ1 to pending parameters. Pending values can not be read.</p>			
00 00 00 1D	Total Size		

\* [SystemMidi]

Offset	Address	Description	
00 00	0000 aaaa	RX CHANNEL	(0 - 15) Ch.1 - Ch.16
00 01	0000 000a	OMNI MODE	(0 - 1) OFF, ON
00 02	000a aaaa	TX CHANNEL	(0 - 16) Ch.1 - Ch.16, RX
00 03	0000 00aa	SYNC CLOCK	(0 - 3) AUTO, INTERNAL, MIDI(AUTO), USB(AUTO)
00 04	0000 00aa	MIDI IN THRU	(0 - 3) OFF, MIDI OUT, USB OUT, USB/MIDI
00 05	0000 00aa	USB IN THRU	(0 - 3) OFF, MIDI OUT, USB OUT, USB/MIDI
00 06	0000 000a	CLOCK OUT	(0 - 1) OFF, ON
00 07	0000 0000	N/A(fixed value)	(0)
00 08	0000 000a	MAP SELECT	(0 - 1) FIX, PROG
00 09	00aa aaaa	NUM1 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 0A	00aa aaaa	NUM2 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 0B	00aa aaaa	NUM3 CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 0C	00aa aaaa	NUM4 CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 0D	00aa aaaa	NUM5 CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 0E	00aa aaaa	BANKDOWN CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 0F	00aa aaaa	BANKUP CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 10	00aa aaaa	CTL1 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 11	00aa aaaa	CTL2 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 12	00aa aaaa	CTL3 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 13	00aa aaaa	CTL4 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 14	00aa aaaa	CTL5 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 15	00aa aaaa	CTL6 CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 16	00aa aaaa	CTL7 CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 17	00aa aaaa	EXP1 SW CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 18	00aa aaaa	EXP1 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 19	00aa aaaa	EXP2 CC#	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 1A	00aa aaaa	EXP3 CC#(+)	(0 - 63) OFF, CC# 1 - CC#31, CC#64 - CC#95
00 00 00 1B	Total Size		

\* [PcmmapPc]

Offset	Address	Description	
#	00 00	0000 aaaa	
	00 01	0000 bbbb	
	00 02	0000 cccc	
	00 03	0000 dddd	Program Change#1 (0 - 499) U01-1 .. U50-5 - P01-1 .. P50-5(*), U001 .. U250 - P001 .. P250(**)
#	00 04	0000 aaaa	
	00 05	0000 bbbb	
	00 06	0000 cccc	
	00 07	0000 dddd	Program Change#2 (0 - 499) U01-1 .. U50-5 - P01-1 .. P50-5(*), U001 .. U250 - P001 .. P250(**)
	:	:	:
	:	:	:
#	00 7C	0000 aaaa	
	00 7D	0000 bbbb	
	00 7E	0000 cccc	
	00 7F	0000 dddd	Program Change#32 (0 - 499) U01-1 .. U50-5 - P01-1 .. P50-5(*), U001 .. U250 - P001 .. P250(**)
#	01 00	0000 aaaa	
	01 01	0000 bbbb	
	01 02	0000 cccc	
	01 03	0000 dddd	Program Change#33 (0 - 499) U01-1 .. U50-5 - P01-1 .. P50-5(*), U001 .. U250 - P001 .. P250(**)
	:	:	:
	:	:	:
#	03 7C	0000 aaaa	
	03 7D	0000 bbbb	
	03 7E	0000 cccc	
	03 7F	0000 dddd	Program Change#128 (0 - 499) U01-1 .. U50-5 - P01-1 .. P50-5(*), U001 .. U250 - P001 .. P250(**)
00 00 04 00	Total Size		

\* [SystemInputSetting]

Offset	Address	Description	
	00 00	0aaa aaaa	NAME (32 - 126)
	00 01	0aaa aaaa	NAME (32 - 126)
	00 02	0aaa aaaa	NAME (32 - 126)
	00 03	0aaa aaaa	NAME (32 - 126)
	00 04	0aaa aaaa	NAME (32 - 126)
	00 05	0aaa aaaa	NAME (32 - 126)
	00 06	0aaa aaaa	NAME (32 - 126)
	00 07	0aaa aaaa	NAME (32 - 126)
	00 08	0aaa aaaa	NAME (32 - 126)
	00 09	0aaa aaaa	NAME (32 - 126)
	00 0A	0aaa aaaa	NAME (32 - 126)
	00 0B	0aaa aaaa	NAME (32 - 126)
	00 0C	0aaa aaaa	NAME (32 - 126)
	00 0D	0aaa aaaa	NAME (32 - 126)
	00 0E	0aaa aaaa	NAME (32 - 126)
	00 0F	0aaa aaaa	NAME (32 - 126)
	00 10	00aa aaaa	INPUT LEVEL (12 - 52) [dB]
00 00 00 11	Total Size		

\* [PatchCommon]

Offset	Address	Description	
	00 00	0aaa aaaa	Patch Name1 (32 - 126)
	00 01	0aaa aaaa	Patch Name2 (32 - 126)
	00 02	0aaa aaaa	Patch Name3 (32 - 126)
	00 03	0aaa aaaa	Patch Name4 (32 - 126)
	00 04	0aaa aaaa	Patch Name5 (32 - 126)
	00 05	0aaa aaaa	Patch Name6 (32 - 126)
	00 06	0aaa aaaa	Patch Name7 (32 - 126)
	00 07	0aaa aaaa	Patch Name8 (32 - 126)
	00 08	0aaa aaaa	Patch Name9 (32 - 126)
	00 09	0aaa aaaa	Patch Name10 (32 - 126)
	00 0A	0aaa aaaa	Patch Name11 (32 - 126)
	00 0B	0aaa aaaa	Patch Name12 (32 - 126)
	00 0C	0aaa aaaa	Patch Name13 (32 - 126)
	00 0D	0aaa aaaa	Patch Name14 (32 - 126)
	00 0E	0aaa aaaa	Patch Name15 (32 - 126)
	00 0F	0aaa aaaa	Patch Name16 (32 - 126)
	00 10	00aa aaaa	Manual Num1 Function (DOWN on GT-1000CORE)(0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
	00 11	0000 000a	Manual Num1 Mode (DOWN on GT-1000CORE) (0 - 1) TOGGLE, MOMENT





Offset	Address	Description
00 33	00aa aaaa	Ct12 Function (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 34	0000 000a	Ct12 Mode (0 - 1) TOGGLE, MOMENT
00 35	00aa aaaa	Ct13 Function (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 36	0000 000a	Ct13 Mode (0 - 1) TOGGLE, MOMENT
00 37	00aa aaaa	Ct14 Function (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 38	0000 000a	Ct14 Mode (0 - 1) TOGGLE, MOMENT
00 39	00aa aaaa	Ct15 Function (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 3A	0000 000a	Ct15 Mode (0 - 1) TOGGLE, MOMENT
00 3B	00aa aaaa	Ct16 Function(*) (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 3C	0000 000a	Ct16 Mode(*) (0 - 1) TOGGLE, MOMENT
00 3D	00aa aaaa	Ct17 Function(*) (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 3E	0000 000a	Ct17 Mode(*) (0 - 1) TOGGLE, MOMENT

Offset	Address	Description
00 3F	00aa aaaa	CNum Function(*) (0 - 59) OFF, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 40	0000 000a	CNum Mode(*) (0 - 1) TOGGLE, MOMENT
00 41	00aa aaaa	Exp1Sw Function(*) (0 - 63) OFF, BANK UP(*), BANK DOWN(*), PATCH +1, PATCH -1, LEVEL +10, LEVEL +20, LEVEL -10, LEVEL -20, BPM TAP, DLY1 TAP, DLY2 TAP, DLY3 TAP, DLY4 TAP, MST DLY TAP, TUNER/MANUAL, AMP CTL1, AMP CTL2, CMP, DS1, DS1 SOLO, DS2, DS2 SOLO, AMP-1, AMP-1 SOLO, AMP-2, AMP-2 SOLO, NS 1, NS 2, EQ 1, EQ 2, EQ 3, EQ 4, DLY1, DLY2, DLY3, DLY4, MST DLY, CH0, FX1, FX2, FX3, FX1 TRIGGER, FX2 TRIGGER, FX3 TRIGGER, REV, PFX, DIV1 CH.SEL, DIV2 CH.SEL, DIV3 CH.SEL, S/R 1, S/R 2, LOOPER, LOOPER STOP, LOOPER CLEAR, METRONOME, MIDI START, MMC PLAY, MDLY TRIGGER, TUNER, MANUAL, MANUAL/TUNER, FX4(*), FX4 TRIGGER(*)
00 42	0000 000a	Exp1Sw Mode(*) (0 - 1) TOGGLE, MOMENT
00 43	0000 0aaa	Exp1 Function (0 - 5) OFF, FOOT VOLUME, PEDAL FX, FV/PEDAL FX, FV+TUNER, FV+TUNER/PFX
00 44	0000 0aaa	Exp2 Function (0 - 5) OFF, FOOT VOLUME, PEDAL FX, FV/PEDAL FX, FV+TUNER, FV+TUNER/PFX
00 45	0000 0aaa	Exp3 Function(*) (0 - 5) OFF, FOOT VOLUME, PEDAL FX, FV/PEDAL FX, FV+TUNER, FV+TUNER/PFX
# 00 46	0000 aaaa	AMP CTL BPM1 (0 - 229)
00 47	0000 bbbb	TAP:OFF, TAP:DoubleWholeNote, TAP:DottedWholeNote, TAP:WholeNote, TAP:DottedHalfNote, TAP:TripletWholeNote, TAP:HalfNote, TAP:DottedQuarterNote, TAP:TripletHalfNote, TAP:QuarterNote, TAP:Dotted8thNote, TAP:TripletQuarterNote, TAP:8thNote, TAP:Dotted16thNote, TAP:Triplet8thNote, TAP:16thNote, TAP:Dotted32ndNote, TAP:Triplet16thNote, TAP:32ndNote, TAP:40 - TAP:250
# 00 48	0000 aaaa	AMP CTL BPM2 (0 - 229)
00 49	0000 bbbb	TAP:OFF, TAP:DoubleWholeNote, TAP:DottedWholeNote, TAP:WholeNote, TAP:DottedHalfNote, TAP:TripletWholeNote, TAP:HalfNote, TAP:DottedQuarterNote, TAP:TripletHalfNote, TAP:QuarterNote, TAP:Dotted8thNote, TAP:TripletQuarterNote, TAP:8thNote, TAP:Dotted16thNote, TAP:Triplet8thNote, TAP:16thNote, TAP:Dotted32ndNote, TAP:Triplet16thNote, TAP:32ndNote, TAP:40 - TAP:250
00 4A	000a aaaa	PATCH MIDI 1:CH (0 - 16) OFF, 1 - 16
# 00 4B	0000 aaaa	PATCH MIDI 1:CH (0 - 16) OFF, 1 - 16
00 4C	0000 bbbb	PATCH MIDI 1:BANK MSB (0 - 128) OFF, 0 - 127
# 00 4D	0000 aaaa	PATCH MIDI 1:BANK MSB (0 - 128) OFF, 0 - 127
00 4E	0000 bbbb	PATCH MIDI 1:BANK LSB (0 - 128) OFF, 0 - 127
# 00 4F	0000 aaaa	PATCH MIDI 1:PC# (0 - 128) OFF, 1 - 128
00 50	0000 bbbb	PATCH MIDI 1:PC# (0 - 128) OFF, 1 - 128
# 00 51	0000 aaaa	PATCH MIDI 1:CC1# (0 - 128) OFF, 0 - 127
00 52	0000 bbbb	PATCH MIDI 1:CC1# (0 - 128) OFF, 0 - 127
# 00 53	0aaa aaaa	PATCH MIDI 1:CC1 VALUE (0 - 127)
00 54	0000 aaaa	PATCH MIDI 1:CC1 VALUE (0 - 127)
00 55	0000 bbbb	PATCH MIDI 1:CC2# (0 - 128) OFF, 0 - 127
# 00 56	0aaa aaaa	PATCH MIDI 1:CC2 VALUE (0 - 127)
00 57	000a aaaa	PATCH MIDI 2:CH (0 - 16) OFF, 1 - 16
# 00 58	0000 aaaa	PATCH MIDI 2:CH (0 - 16) OFF, 1 - 16
00 59	0000 bbbb	PATCH MIDI 2:BANK MSB (0 - 128) OFF, 0 - 127
# 00 5A	0000 aaaa	PATCH MIDI 2:BANK MSB (0 - 128) OFF, 0 - 127
00 5B	0000 bbbb	PATCH MIDI 2:BANK LSB (0 - 128) OFF, 0 - 127
# 00 5C	0000 aaaa	PATCH MIDI 2:PC# (0 - 128) OFF, 1 - 128
00 5D	0000 bbbb	PATCH MIDI 2:PC# (0 - 128) OFF, 1 - 128
# 00 5E	0000 aaaa	PATCH MIDI 2:CC1# (0 - 128) OFF, 0 - 127
00 5F	0000 bbbb	PATCH MIDI 2:CC1# (0 - 128) OFF, 0 - 127
# 00 60	0aaa aaaa	PATCH MIDI 2:CC1 VALUE (0 - 127)
00 61	0000 aaaa	PATCH MIDI 2:CC1 VALUE (0 - 127)
00 62	0000 bbbb	PATCH MIDI 2:CC2# (0 - 128) OFF, 0 - 127
# 00 63	0aaa aaaa	PATCH MIDI 2:CC2 VALUE (0 - 127)
00 64	000a aaaa	PATCH MIDI 3:CH (0 - 16) OFF, 1 - 16
# 00 65	0000 aaaa	PATCH MIDI 3:CH (0 - 16) OFF, 1 - 16

Offset	Address	Description	
	00 66	0000 bbbb	PATCH MIDI 3: BANK MSB (0 - 128) OFF, 0 - 127
#	00 67	0000 aaaa	
	00 68	0000 bbbb	PATCH MIDI 3: BANK LSB (0 - 128) OFF, 0 - 127
#	00 69	0000 aaaa	
	00 6A	0000 bbbb	PATCH MIDI 3: PC# (0 - 128) OFF, 1 - 128
#	00 6B	0000 aaaa	
	00 6C	0000 bbbb	PATCH MIDI 3: CC1# (0 - 128) OFF, 0 - 127
	00 6D	0aaa aaaa	PATCH MIDI 3: CC1 VALUE (0 - 127)
#	00 6E	0000 aaaa	
	00 6F	0000 bbbb	PATCH MIDI 3: CC2# (0 - 128) OFF, 0 - 127
	00 70	0aaa aaaa	PATCH MIDI 3: CC2 VALUE (0 - 127)
	00 71	000a aaaa	PATCH MIDI 4: CH (0 - 16) OFF, 1 - 16
#	00 72	0000 aaaa	
	00 73	0000 bbbb	PATCH MIDI 4: BANK MSB (0 - 128) OFF, 0 - 127
#	00 74	0000 aaaa	
	00 75	0000 bbbb	PATCH MIDI 4: BANK LSB (0 - 128) OFF, 0 - 127
#	00 76	0000 aaaa	
	00 77	0000 bbbb	PATCH MIDI 4: PC# (0 - 128) OFF, 1 - 128
#	00 78	0000 aaaa	
	00 79	0000 bbbb	PATCH MIDI 4: CC1# (0 - 128) OFF, 0 - 127
	00 7A	0aaa aaaa	PATCH MIDI 4: CC1 VALUE (0 - 127)
#	00 7B	0000 aaaa	
	00 7C	0000 bbbb	PATCH MIDI 4: CC2# (0 - 128) OFF, 0 - 127
	00 7D	0aaa aaaa	PATCH MIDI 4: CC2 VALUE (0 - 127)
	00 00 00 7E	Total Size	

\* [PatchStompBox]

Offset	Address	Description	
	00 00	0000 aaaa	STOMPBOX (Comp) (0 - 10) ---, CMP-1 - 10
	00 01	0000 aaaa	STOMPBOX (Dist1) (0 - 10) ---, DS-1 - 10
	00 02	0000 aaaa	STOMPBOX (Dist2) (0 - 10) ---, DS-1 - 10
	00 03	0000 aaaa	STOMPBOX (Preamp1) (0 - 10) ---, AMP-1 - 10
	00 04	0000 aaaa	STOMPBOX (Preamp2) (0 - 10) ---, AMP-1 - 10
	00 05	0000 aaaa	STOMPBOX (Ns1) (0 - 10) ---, NS-1 - 10
	00 06	0000 aaaa	STOMPBOX (Ns2) (0 - 10) ---, NS-1 - 10
	00 07	0000 aaaa	STOMPBOX (Eq1) (0 - 10) ---, EQ-1 - 10
	00 08	0000 aaaa	STOMPBOX (Eq2) (0 - 10) ---, EQ-1 - 10
	00 09	0000 aaaa	STOMPBOX (Eq3) (0 - 10) ---, EQ-1 - 10
	00 0A	0000 aaaa	STOMPBOX (Eq4) (0 - 10) ---, EQ-1 - 10
	00 0B	0000 aaaa	STOMPBOX (Delay1) (0 - 10) ---, DLY-1 - 10
	00 0C	0000 aaaa	STOMPBOX (Delay2) (0 - 10) ---, DLY-1 - 10
	00 0D	0000 aaaa	STOMPBOX (Delay3) (0 - 10) ---, DLY-1 - 10
	00 0E	0000 aaaa	STOMPBOX (Delay4) (0 - 10) ---, DLY-1 - 10
	00 0F	0000 aaaa	STOMPBOX (MstDelay) (0 - 10) ---, MDL-1 - 10
	00 10	0000 aaaa	STOMPBOX (Chorus) (0 - 10) ---, CHO-1 - 10
	00 11	0000 aaaa	STOMPBOX (Fx1AGSim) (0 - 10) ---, ACO-1 - 10
	00 12	0000 aaaa	STOMPBOX (Fx1AcReso) (0 - 10) ---, ACR-1 - 10
	00 13	0000 aaaa	STOMPBOX (Fx1AWah) (0 - 10) ---, AW-1 - 10
	00 14	0000 aaaa	STOMPBOX (Fx1Chorus) (0 - 10) ---, CHO-1 - 10
	00 15	0000 aaaa	STOMPBOX (Fx1CVibe) (0 - 10) ---, CV-1 - 10
	00 16	0000 aaaa	STOMPBOX (Fx1Comp) (0 - 10) ---, CMP-1 - 10
	00 17	0000 aaaa	STOMPBOX (Fx1Defretter) (0 - 10) ---, DEF-1 - 10
	00 18	0000 aaaa	STOMPBOX (Fx1Feedbacker) (0 - 10) ---, FB-1 - 10
	00 19	0000 aaaa	STOMPBOX (Fx1Flanger) (0 - 10) ---, FL-1 - 10
	00 1A	0000 aaaa	STOMPBOX (Fx1Harmonist) (0 - 10) ---, HRM-1 - 10
	00 1B	0000 aaaa	STOMPBOX (Fx1Humanizer) (0 - 10) ---, HMN-1 - 10
	00 1C	0000 aaaa	STOMPBOX (Fx1Octave) (0 - 10) ---, OC-1 - 10
	00 1D	0000 aaaa	STOMPBOX (Fx1Over tone) (0 - 10) ---, OT-1 - 10
	00 1E	0000 aaaa	STOMPBOX (Fx1Pan) (0 - 10) ---, PAN-1 - 10

Offset	Address	Description	
	00 1F	0000 aaaa	STOMPBOX (Fx1Phaser) (0 - 10) ---, PH-1 - 10
	00 20	0000 aaaa	STOMPBOX (Fx1PitchShift) (0 - 10) ---, PS-1 - 10
	00 21	0000 aaaa	STOMPBOX (Fx1RingMod) (0 - 10) ---, RM-1 - 10
	00 22	0000 aaaa	STOMPBOX (Fx1Rotary) (0 - 10) ---, RT-1 - 10
	00 23	0000 aaaa	STOMPBOX (Fx1SitarSim) (0 - 10) ---, STR-1 - 10
	00 24	0000 aaaa	STOMPBOX (Fx1Slicer) (0 - 10) ---, SL-1 - 10
	00 25	0000 aaaa	STOMPBOX (Fx1SlowGear) (0 - 10) ---, SG-1 - 10
	00 26	0000 aaaa	STOMPBOX (Fx1SoundHold) (0 - 10) ---, SH-1 - 10
	00 27	0000 aaaa	STOMPBOX (Fx1SBend) (0 - 10) ---, SB-1 - 10
	00 28	0000 aaaa	STOMPBOX (Fx1TWah) (0 - 10) ---, TW-1 - 10
	00 29	0000 aaaa	STOMPBOX (Fx1Tremolo) (0 - 10) ---, TR-1 - 10
	00 2A	0000 aaaa	STOMPBOX (Fx1Vibrato) (0 - 10) ---, VIB-1 - 10
	00 2B	0000 aaaa	STOMPBOX (Fx2AGSim) (0 - 10) ---, ACO-1 - 10
	00 2C	0000 aaaa	STOMPBOX (Fx2AcReso) (0 - 10) ---, ACR-1 - 10
	00 2D	0000 aaaa	STOMPBOX (Fx2AWah) (0 - 10) ---, AW-1 - 10
	00 2E	0000 aaaa	STOMPBOX (Fx2Chorus) (0 - 10) ---, CHO-1 - 10
	00 2F	0000 aaaa	STOMPBOX (Fx2CVibe) (0 - 10) ---, CV-1 - 10
	00 30	0000 aaaa	STOMPBOX (Fx2Comp) (0 - 10) ---, CMP-1 - 10
	00 31	0000 aaaa	STOMPBOX (Fx2Defretter) (0 - 10) ---, DEF-1 - 10
	00 32	0000 aaaa	STOMPBOX (Fx2Feedbacker) (0 - 10) ---, FB-1 - 10
	00 33	0000 aaaa	STOMPBOX (Fx2Flanger) (0 - 10) ---, FL-1 - 10
	00 34	0000 aaaa	STOMPBOX (Fx2Harmonist) (0 - 10) ---, HRM-1 - 10
	00 35	0000 aaaa	STOMPBOX (Fx2Humanizer) (0 - 10) ---, HMN-1 - 10
	00 36	0000 aaaa	STOMPBOX (Fx2Octave) (0 - 10) ---, OC-1 - 10
	00 37	0000 aaaa	STOMPBOX (Fx2Over tone) (0 - 10) ---, OT-1 - 10
	00 38	0000 aaaa	STOMPBOX (Fx2Pan) (0 - 10) ---, PAN-1 - 10
	00 39	0000 aaaa	STOMPBOX (Fx2Phaser) (0 - 10) ---, PH-1 - 10
	00 3A	0000 aaaa	STOMPBOX (Fx2PitchShift) (0 - 10) ---, PS-1 - 10
	00 3B	0000 aaaa	STOMPBOX (Fx2RingMod) (0 - 10) ---, RM-1 - 10
	00 3C	0000 aaaa	STOMPBOX (Fx2Rotary) (0 - 10) ---, RT-1 - 10
	00 3D	0000 aaaa	STOMPBOX (Fx2SitarSim) (0 - 10) ---, STR-1 - 10
	00 3E	0000 aaaa	STOMPBOX (Fx2Slicer) (0 - 10) ---, SL-1 - 10
	00 3F	0000 aaaa	STOMPBOX (Fx2SlowGear) (0 - 10) ---, SG-1 - 10
	00 40	0000 aaaa	STOMPBOX (Fx2SoundHold) (0 - 10) ---, SH-1 - 10
	00 41	0000 aaaa	STOMPBOX (Fx2SBend) (0 - 10) ---, SB-1 - 10
	00 42	0000 aaaa	STOMPBOX (Fx2TWah) (0 - 10) ---, TW-1 - 10
	00 43	0000 aaaa	STOMPBOX (Fx2Tremolo) (0 - 10) ---, TR-1 - 10
	00 44	0000 aaaa	STOMPBOX (Fx2Vibrato) (0 - 10) ---, VIB-1 - 10
	00 45	0000 aaaa	STOMPBOX (Fx3AGSim) (0 - 10) ---, ACO-1 - 10
	00 46	0000 aaaa	STOMPBOX (Fx3AcReso) (0 - 10) ---, ACR-1 - 10
	00 47	0000 aaaa	STOMPBOX (Fx3AWah) (0 - 10) ---, AW-1 - 10
	00 48	0000 aaaa	STOMPBOX (Fx3Chorus) (0 - 10) ---, CHO-1 - 10
	00 49	0000 aaaa	STOMPBOX (Fx3CVibe) (0 - 10) ---, CV-1 - 10
	00 4A	0000 aaaa	STOMPBOX (Fx3Comp) (0 - 10) ---, CMP-1 - 10
	00 4B	0000 aaaa	STOMPBOX (Fx3Defretter) (0 - 10) ---, DEF-1 - 10
	00 4C	0000 aaaa	STOMPBOX (Fx3Feedbacker) (0 - 10) ---, FB-1 - 10
	00 4D	0000 aaaa	STOMPBOX (Fx3Flanger) (0 - 10) ---, FL-1 - 10
	00 4E	0000 aaaa	STOMPBOX (Fx3Harmonist) (0 - 10) ---, HRM-1 - 10
	00 4F	0000 aaaa	STOMPBOX (Fx3Humanizer) (0 - 10) ---, HMN-1 - 10
	00 50	0000 aaaa	STOMPBOX (Fx3Octave) (0 - 10) ---, OC-1 - 10
	00 51	0000 aaaa	STOMPBOX (Fx3Over tone) (0 - 10) ---, OT-1 - 10
	00 52	0000 aaaa	STOMPBOX (Fx3Pan) (0 - 10) ---, PAN-1 - 10
	00 53	0000 aaaa	STOMPBOX (Fx3Phaser) (0 - 10) ---, PH-1 - 10

Offset	Address	Description	
00 54	0000 aaaa	STOMPBOX (Fx3PitchShift)	(0 - 10)
			---, PS-1 - 10
00 55	0000 aaaa	STOMPBOX (Fx3RingMod)	(0 - 10)
			---, RM-1 - 10
00 56	0000 aaaa	STOMPBOX (Fx3Rotary)	(0 - 10)
			---, RT-1 - 10
00 57	0000 aaaa	STOMPBOX (Fx3SitarSim)	(0 - 10)
			---, STR-1 - 10
00 58	0000 aaaa	STOMPBOX (Fx3Slicer)	(0 - 10)
			---, SL-1 - 10
00 59	0000 aaaa	STOMPBOX (Fx3SlowGear)	(0 - 10)
			---, SG-1 - 10
00 5A	0000 aaaa	STOMPBOX (Fx3SoundHold)	(0 - 10)
			---, SH-1 - 10
00 5B	0000 aaaa	STOMPBOX (Fx3SBend)	(0 - 10)
			---, SB-1 - 10
00 5C	0000 aaaa	STOMPBOX (Fx3TWah)	(0 - 10)
			---, TW-1 - 10
00 5D	0000 aaaa	STOMPBOX (Fx3Tremolo)	(0 - 10)
			---, TR-1 - 10
00 5E	0000 aaaa	STOMPBOX (Fx3Vibrato)	(0 - 10)
			---, VIB-1 - 10
00 5F	0000 aaaa	STOMPBOX (Reverb)	(0 - 10)
			---, REV-1 - 10
00 60	0000 aaaa	STOMPBOX (PedalFx)	(0 - 10)
			---, PFX-1 - 10
00 61	0000 aaaa	STOMPBOX (Divider1)	(0 - 10)
			---, DIV-1 - 10
00 62	0000 aaaa	STOMPBOX (Divider2)	(0 - 10)
			---, DIV-1 - 10
00 63	0000 aaaa	STOMPBOX (Divider3)	(0 - 10)
			---, DIV-1 - 10
00 64	0000 aaaa	STOMPBOX (Fx1ChorusBass),	(0 - 10)
			---, CHB-1 - 10
00 65	0000 aaaa	STOMPBOX (Fx1DefretterBass),	(0 - 10)
			---, DFB-1 - 10
00 66	0000 aaaa	STOMPBOX (Fx1FlangerBass),	(0 - 10)
			---, FLB-1 - 10
00 67	0000 aaaa	STOMPBOX (Fx1OctaveBass),	(0 - 10)
			---, OCB-1 - 10
00 00 00 68	Total Size		

\* [PatchStompBox2]

Offset	Address	Description	
00 00	0000 aaaa	STOMPBOX (Fx1SlowGearBass),	(0 - 10)
			---, SGB-1 - 10
00 01	0000 aaaa	STOMPBOX (Fx1TWahBass),	(0 - 10)
			---, TWB-1 - 10
00 02	0000 aaaa	STOMPBOX (Fx2ChorusBass),	(0 - 10)
			---, CHB-1 - 10
00 03	0000 aaaa	STOMPBOX (Fx2DefretterBass),	(0 - 10)
			---, DFB-1 - 10
00 04	0000 aaaa	STOMPBOX (Fx2FlangerBass),	(0 - 10)
			---, FLB-1 - 10
00 05	0000 aaaa	STOMPBOX (Fx2OctaveBass),	(0 - 10)
			---, OCB-1 - 10
00 06	0000 aaaa	STOMPBOX (Fx2SlowGearBass),	(0 - 10)
			---, SGB-1 - 10
00 07	0000 aaaa	STOMPBOX (Fx2TWahBass),	(0 - 10)
			---, TWB-1 - 10
00 08	0000 aaaa	STOMPBOX (Fx3ChorusBass),	(0 - 10)
			---, CHB-1 - 10
00 09	0000 aaaa	STOMPBOX (Fx3DefretterBass),	(0 - 10)
			---, DFB-1 - 10
00 0A	0000 aaaa	STOMPBOX (Fx3FlangerBass),	(0 - 10)
			---, FLB-1 - 10
00 0B	0000 aaaa	STOMPBOX (Fx3OctaveBass),	(0 - 10)
			---, OCB-1 - 10
00 0C	0000 aaaa	STOMPBOX (Fx3SlowGearBass),	(0 - 10)
			---, SGB-1 - 10
00 0D	0000 aaaa	STOMPBOX (Fx3TWahBass),	(0 - 10)
			---, TWB-1 - 10
00 00 00 11	Total Size		

\* [PatchStompBox3]

Offset	Address	Description	
00 00	0000 aaaa	STOMPBOX (Fx4AGSim)	(0 - 10)
			---, ACO-1 - 10
00 01	0000 aaaa	STOMPBOX (Fx4AcReso)	(0 - 10)
			---, ACR-1 - 10
00 02	0000 aaaa	STOMPBOX (Fx4AWah)	(0 - 10)
			---, AW-1 - 10
00 03	0000 aaaa	STOMPBOX (Fx4Chorus)	(0 - 10)
			---, CHO-1 - 10
00 04	0000 aaaa	STOMPBOX (Fx4CVibe)	(0 - 10)
			---, CV-1 - 10
00 05	0000 aaaa	STOMPBOX (Fx4Comp)	(0 - 10)
			---, CMP-1 - 10
00 06	0000 aaaa	STOMPBOX (Fx4Defretter)	(0 - 10)
			---, DEF-1 - 10
00 07	0000 aaaa	STOMPBOX (Fx4Feedbacker)	(0 - 10)
			---, FB-1 - 10
00 08	0000 aaaa	STOMPBOX (Fx4Flanger)	(0 - 10)
			---, FL-1 - 10
00 09	0000 aaaa	STOMPBOX (Fx4Harmonist)	(0 - 10)
			---, HRM-1 - 10
00 0A	0000 aaaa	STOMPBOX (Fx4Humanizer)	(0 - 10)
			---, HMN-1 - 10
00 0B	0000 aaaa	STOMPBOX (Fx4Octave)	(0 - 10)
			---, OC-1 - 10
00 0C	0000 aaaa	STOMPBOX (Fx4OverTone)	(0 - 10)
			---, OT-1 - 10
00 0D	0000 aaaa	STOMPBOX (Fx4Pan)	(0 - 10)
			---, PAN-1 - 10
00 0E	0000 aaaa	STOMPBOX (Fx4Phaser)	(0 - 10)
			---, PH-1 - 10
00 0F	0000 aaaa	STOMPBOX (Fx4PitchShift)	(0 - 10)
			---, PS-1 - 10
00 10	0000 aaaa	STOMPBOX (Fx4RingMod)	(0 - 10)
			---, RM-1 - 10
00 11	0000 aaaa	STOMPBOX (Fx4Rotary)	(0 - 10)
			---, RT-1 - 10
00 12	0000 aaaa	STOMPBOX (Fx4SitarSim)	(0 - 10)
			---, STR-1 - 10
00 13	0000 aaaa	STOMPBOX (Fx4Slicer)	(0 - 10)
			---, SL-1 - 10
00 14	0000 aaaa	STOMPBOX (Fx4SlowGear)	(0 - 10)
			---, SG-1 - 10
00 15	0000 aaaa	STOMPBOX (Fx4SoundHold)	(0 - 10)
			---, SH-1 - 10
00 16	0000 aaaa	STOMPBOX (Fx4SBend)	(0 - 10)
			---, SB-1 - 10
00 17	0000 aaaa	STOMPBOX (Fx4TWah)	(0 - 10)
			---, TW-1 - 10
00 18	0000 aaaa	STOMPBOX (Fx4Tremolo)	(0 - 10)
			---, TR-1 - 10
00 19	0000 aaaa	STOMPBOX (Fx4Vibrato)	(0 - 10)
			---, VIB-1 - 10
00 1A	0000 aaaa	STOMPBOX (Fx4ChorusBass)	(0 - 10)
			---, CHB-1 - 10
00 1B	0000 aaaa	STOMPBOX (Fx4DefretterBass)	(0 - 10)
			---, DFB-1 - 10
00 1C	0000 aaaa	STOMPBOX (Fx4FlangerBass)	(0 - 10)
			---, FLB-1 - 10
00 1D	0000 aaaa	STOMPBOX (Fx4OctaveBass)	(0 - 10)
			---, OCB-1 - 10
00 1E	0000 aaaa	STOMPBOX (Fx4SlowGearBass)	(0 - 10)
			---, SGB-1 - 10
00 1F	0000 aaaa	STOMPBOX (Fx4TWahBass)	(0 - 10)
			---, TWB-1 - 10
00 20	0000 aaaa	(Reserved)	
00 21	0000 aaaa	STOMPBOX (Fx1Dist)	(0 - 10)
			---, DS-1 - 10
00 22	0000 aaaa	STOMPBOX (Fx2Dist)	(0 - 10)
			---, DS-1 - 10
00 23	0000 aaaa	STOMPBOX (Fx3Dist)	(0 - 10)
			---, DS-1 - 10
00 24	0000 aaaa	STOMPBOX (Fx4Dist)	(0 - 10)
			---, DS-1 - 10
00 00 00 25	Total Size		

\* [PatchLed]

Offset	Address	Description
00 00	0000 aaaa	NUM1 OFF(DOWN on GT-1000CORE) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 01	000a aaaa	NUM1 ON(DOWN on GT-1000CORE) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 02	0000 aaaa	NUM2 OFF(UP on GT-1000CORE) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 03	000a aaaa	NUM2 ON(UP on GT-1000CORE) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 04	0000 aaaa	NUM3 OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 05	000a aaaa	NUM3 ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 06	0000 aaaa	NUM4 OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 07	000a aaaa	NUM4 ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 08	0000 aaaa	NUM5 OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 09	000a aaaa	NUM5 ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 0A	0000 aaaa	BANKDOWN OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 0B	000a aaaa	BANKDOWN ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 0C	0000 aaaa	BANKUP OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 0D	000a aaaa	BANKUP ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 0E	0000 aaaa	CTL1 OFF (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 0F	000a aaaa	CTL1 ON (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 10	0000 aaaa	CTL2 OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 11	000a aaaa	CTL2 ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 12	0000 aaaa	CTL3 OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
00 13	000a aaaa	CTL3 ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 14	0000 aaaa	EXP1 SW OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)

Offset	Address	Description
00 15	000a aaaa	EXP1 SW ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
#	00 16   0000 aaaa	
	00 17   0000 bbbb	
	00 18   0000 cccc	
	00 19   0000 dddd	
	00 1A   0000 eeee	
	00 1B   0000 ffff	
	00 1C   0000 gggg	
	00 1D   0000 hhhh	ON OFF STATE (0 - 2147483647) *3
	00 1E   0000 aaaa	CNUM OFF(*) (0 - 10) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+)
	00 1F   000a aaaa	CNUM ON(*) (0 - 21) OFF, RED, BLUE, LIGHT BLUE, ORANGE(+), GREEN, YELLOW, WHITE, PURPLE, PINK(+), CYAN(+), AUTO, AUTO RED, AUTO BLUE, AUTO LIGHT BLUE, AUTO ORANGE(+), AUTO GREEN, AUTO YELLOW, AUTO WHITE, AUTO PURPLE, AUTO PINK(+), AUTO CYAN(+)
00 00 00 20	Total Size	

\*3 ON OFF STATE TABLE

BIT	PEDAL
0	NUM1
1	NUM2
2	NUM3(*)
3	NUM4(*)
4	NUM5(*)
5	CUR NUM(*)
6	BANK DOWN(*)
7	BANK UP(*)
8	CTL1
9	CTL2
10	CTL3
11	CTL4
12	CTL5
13	CTL6(*)
14	CTL7(*)
15	EXP SW(*)
16	(NIU)
17	(NIU)
18	(NIU)
19	(NIU)
20	(NIU)
21	(NIU)
22	(NIU)
23	(NIU)
24	(NIU)
25	(NIU)
26	(NIU)
27	(NIU)
28	(NIU)
29	(NIU)
30	(NIU)
31	(NIU)
32	(NIU)

\* [Assign]

Offset	Address	Description
00 00	0000 000a	SW (0 - 1) OFF, ON
#	00 01   0000 aaaa	
	00 02   0000 bbbb	
	00 03   0000 cccc	
	00 04   0000 dddd	TARGET (0 - 1468) *2
#	00 05   0000 aaaa	
	00 06   0000 bbbb	
	00 07   0000 cccc	
	00 08   0000 dddd	TARGET MIN (0 - 65535) (0 - 127) x 127
#	00 09   0000 aaaa	
	00 0A   0000 bbbb	
	00 0B   0000 cccc	
	00 0C   0000 dddd	TARGET MAX (0 - 65535) (0 - 127) x 127
	00 0D   0aaa aaaa	SOURCE (0 - 84) NUM1(DOWN on GT-1000CORE)(*), NUM2(UP on GT-1000CORE)(*), NUM3(*), NUM4(*), NUM5(*), CUR NUM(*), BANKDOWN(*), BANKUP(*), CTL1, CTL2, CTL3, CTL4, CTL5, CTL6(+), CTL7(+), EXP1 SW(+), EXP1, EXP2, EXP3(+), INT PEDAL, WAVE PEDAL, INPUT, CCF# 1 - CC#31, CC#64 - CC#95 (0 - 1) TOGGLE, MOMENT
00 0E	0000 000a	MODE (0 - 1) TOGGLE, MOMENT

Offset	Address	Description
00 0F	0aaa aaaa	WAVE RATE (0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 10	0000 00aa	WAVEFORM (0 - 2) SAW, TRI, SINE
00 11	0aaa aaaa	INT PDL TRIGGER (0 - 84) PATCH CHANGE, EXP1 PDL-LOW, EXP1 PDL-MID, EXP1 PDL-HIGH, EXP1 SW(*), NUM1(DOWN on GT-1000CORE)(*), NUM2(UP on GT-1000CORE)(*), NUM3(*), NUM4(*), NUM5(*), CUR NUM(*), EXP2, EXP3(*), CTL1, CTL2, CTL3, CTL4, CTL5, CTL6(*), CTL7(*), BANKDOWN(*), BANKUP(*), CC# 1 - CC#31, CC#64 - CC#95
00 12	0aaa aaaa	INT PDL TIME (0 - 100)
00 13	0000 00aa	INT PDL CURVE (0 - 2) LINEAR, SLOW RISE, FAST RISE
#	00 14	0000 aaaa
	00 15	0000 bbbb
	00 16	0000 cccc
	00 17	0000 dddd
		ACT RANGE LO (0 - 16382) (0 - 126) x 127
#	00 18	0000 aaaa
	00 19	0000 bbbb
	00 1A	0000 cccc
	00 1B	0000 dddd
		ACT RANGE HI (1 - 16383) (1 - 127) x 127
	00 1C	000a aaaa
		MIDI CH (0 - 16) SYSTEM, 1 - 16
	00 1D	0aaa aaaa
		MIDI CC# (0 - 127)
#	00 1E	0000 aaaa
	00 1F	0000 bbbb
	00 20	0000 cccc
	00 21	0000 dddd
		MIDI CC VALUE MIN (0 - 16383) (0 - 127) x 127
#	00 22	0000 aaaa
	00 23	0000 bbbb
	00 24	0000 cccc
	00 25	0000 dddd
		MIDI CC VALUE MAX (0 - 16383) (0 - 127) x 127
	00 26	0000 0000
		N/A(fixed value) (0)
	00 27	0aaa aaaa
		MIDI PC# (0 - 127) 1 - 128
#	00 28	0000 aaaa
	00 29	0000 bbbb
		MIDI BANK MSB (0 - 128) OFF, 0 - 127
#	00 2A	0000 aaaa
	00 2B	0000 bbbb
		MIDI BANK LSB (0 - 128) OFF, 0 - 127
		From "SW" to "MIDI BANK LSB" are group parameters. The DT1 to each parameter is temporarily suspended, and the DT1 to the group parameter final address automatically checks the pending parameters, and if there is no problem, the value is set. If the value is incomplete it will not be set. Parameters before set are read out for the RQ1 to pending parameters. Pending values can not be read.
		The values of all parameters must be set in the above range. If it is out of range, no value will be written.
		The TARGET MIN and the TARGET MAX must be in the range from the lower limit to the upper limit to the parameter specified by the TARGET.
		If the TARGET is set to the MIDI CC#, the TARGET MIN and the TARGET MAX must be set from -32768 to 32767.
		If the TARGET is set to the MIDI PC#, the TARGET MIN and the TARGET MAX must be set from 0 to 1. These are the special rule.
		In addition, you need to add 32768 to the value set for the TARGET MIN or the TARGET MAX. For example, if the TARGET is set to COMP:SUSTAIN and you set the TARGET MIN to 0 and the TARGET MAX to 100, you must set (0 + 32768) = 32768 for the TARGET MIN and (100 + 32768) = 32868 for the TARGET MAX.
		The ACT RANGE HI must be set to a value equal to or greater than the ACT RANGE LO.
		The MIDI BANK LSB must be set to OFF, if the MIDI BANK MSB is set to OFF.

00 00 00 2C | Total Size

\*2 ASSIGN TARGET TABLE

#	Category	Target
0	COMP	ON OFF
1	COMP	TYPE
2	COMP	SUSTAIN
3	COMP	ATTACK
4	COMP	LEVEL
5	COMP	ZONE
6	COMP	RATIO
7	COMP	DIRECT MIX
8	OD DS 1	ON OFF
9	OD DS 1	TYPE
10	OD DS 1	DRIVE
11	OD DS 1	ZONE
12	OD DS 1	EFFECT LEVEL
13	OD DS 1	BOTTOM
14	OD DS 1	DIRECT MIX
15	OD DS 1	SOLO SW
16	OD DS 1	SOLO LEVEL
17	OD DS 2	ON OFF
18	OD DS 2	TYPE
19	OD DS 2	DRIVE
20	OD DS 2	ZONE
21	OD DS 2	EFFECT LEVEL
22	OD DS 2	BOTTOM
23	OD DS 2	DIRECT MIX
24	OD DS 2	SOLO SW
25	OD DS 2	SOLO LEVEL
26	PREAMP 1	ON OFF
27	PREAMP 1	TYPE
28	PREAMP 1	GAIN
29	PREAMP 1	SAG
30	PREAMP 1	RESONANCE
31	PREAMP 1	LEVEL
32	PREAMP 1	BASS
33	PREAMP 1	MIDDLE
34	PREAMP 1	TREBLE
35	PREAMP 1	PRESENCE
36	PREAMP 1	BRIGHT
37	PREAMP 1	GAIN SW
38	PREAMP 1	SOLO SW
39	PREAMP 1	SOLO LEVEL
40	PREAMP 2	ON OFF
41	PREAMP 2	TYPE
42	PREAMP 2	GAIN
43	PREAMP 2	SAG
44	PREAMP 2	RESONANCE
45	PREAMP 2	LEVEL
46	PREAMP 2	BASS
47	PREAMP 2	MIDDLE
48	PREAMP 2	TREBLE
49	PREAMP 2	PRESENCE
50	PREAMP 2	BRIGHT
51	PREAMP 2	GAIN SW
52	PREAMP 2	SOLO SW
53	PREAMP 2	SOLO LEVEL
54	NS 1	ON OFF
55	NS 1	THRESHOLD
56	NS 1	RELEASE
57	NS 1	DETECT
58	NS 2	ON OFF
59	NS 2	THRESHOLD
60	NS 2	RELEASE
61	NS 2	DETECT
62	EQ 1	ON OFF
63	EQ 1	TYPE
64	EQ 1: PARAMETRIC EQ	LOW GAIN
65	EQ 1: PARAMETRIC EQ	HIGH GAIN
66	EQ 1: PARAMETRIC EQ	LEVEL
67	EQ 1: PARAMETRIC EQ	LOW-MID FREQ
68	EQ 1: PARAMETRIC EQ	LOW-MID Q
69	EQ 1: PARAMETRIC EQ	LOW-MID GAIN
70	EQ 1: PARAMETRIC EQ	HIGH-MID FREQ
71	EQ 1: PARAMETRIC EQ	HIGH-MID Q
72	EQ 1: PARAMETRIC EQ	HIGH-MID GAIN
73	EQ 1: PARAMETRIC EQ	LOW CUT
74	EQ 1: PARAMETRIC EQ	HIGH CUT
75	EQ 1: GRAPHIC EQ	31.5Hz
76	EQ 1: GRAPHIC EQ	63Hz
77	EQ 1: GRAPHIC EQ	125Hz
78	EQ 1: GRAPHIC EQ	250Hz
79	EQ 1: GRAPHIC EQ	500Hz
80	EQ 1: GRAPHIC EQ	1kHz
81	EQ 1: GRAPHIC EQ	2kHz
82	EQ 1: GRAPHIC EQ	4kHz
83	EQ 1: GRAPHIC EQ	8kHz
84	EQ 1: GRAPHIC EQ	16kHz
85	EQ 1: GRAPHIC EQ	LEVEL
86	EQ 2	ON OFF
87	EQ 2	TYPE
88	EQ 2: PARAMETRIC EQ	LOW GAIN
89	EQ 2: PARAMETRIC EQ	HIGH GAIN
90	EQ 2: PARAMETRIC EQ	LEVEL
91	EQ 2: PARAMETRIC EQ	LOW-MID FREQ
92	EQ 2: PARAMETRIC EQ	LOW-MID Q
93	EQ 2: PARAMETRIC EQ	LOW-MID GAIN
94	EQ 2: PARAMETRIC EQ	HIGH-MID FREQ
95	EQ 2: PARAMETRIC EQ	HIGH-MID Q
96	EQ 2: PARAMETRIC EQ	HIGH-MID GAIN
97	EQ 2: PARAMETRIC EQ	LOW CUT
98	EQ 2: PARAMETRIC EQ	HIGH CUT
99	EQ 2: GRAPHIC EQ	31.5Hz
100	EQ 2: GRAPHIC EQ	63Hz
101	EQ 2: GRAPHIC EQ	125Hz
102	EQ 2: GRAPHIC EQ	250Hz
103	EQ 2: GRAPHIC EQ	500Hz

#	Category	Target
104	EQ 2: GRAPHIC EQ	1kHz
105	EQ 2: GRAPHIC EQ	2kHz
106	EQ 2: GRAPHIC EQ	4kHz
107	EQ 2: GRAPHIC EQ	8kHz
108	EQ 2: GRAPHIC EQ	16kHz
109	EQ 2: GRAPHIC EQ	LEVEL
110	EQ 3	ON OFF
111	EQ 3	TYPE
112	EQ 3: PARAMETRIC EQ	LOW GAIN
113	EQ 3: PARAMETRIC EQ	HIGH GAIN
114	EQ 3: PARAMETRIC EQ	LEVEL
115	EQ 3: PARAMETRIC EQ	LOW-MID FREQ
116	EQ 3: PARAMETRIC EQ	LOW-MID Q
117	EQ 3: PARAMETRIC EQ	LOW-MID GAIN
118	EQ 3: PARAMETRIC EQ	HIGH-MID FREQ
119	EQ 3: PARAMETRIC EQ	HIGH-MID Q
120	EQ 3: PARAMETRIC EQ	HIGH-MID GAIN
121	EQ 3: PARAMETRIC EQ	LOW CUT
122	EQ 3: PARAMETRIC EQ	HIGH CUT
123	EQ 3: GRAPHIC EQ	31.5Hz
124	EQ 3: GRAPHIC EQ	63Hz
125	EQ 3: GRAPHIC EQ	125Hz
126	EQ 3: GRAPHIC EQ	250Hz
127	EQ 3: GRAPHIC EQ	500Hz
128	EQ 3: GRAPHIC EQ	1kHz
129	EQ 3: GRAPHIC EQ	2kHz
130	EQ 3: GRAPHIC EQ	4kHz
131	EQ 3: GRAPHIC EQ	8kHz
132	EQ 3: GRAPHIC EQ	16kHz
133	EQ 3: GRAPHIC EQ	LEVEL
134	EQ 4	ON OFF
135	EQ 4	TYPE
136	EQ 4: PARAMETRIC EQ	LOW GAIN
137	EQ 4: PARAMETRIC EQ	HIGH GAIN
138	EQ 4: PARAMETRIC EQ	LEVEL
139	EQ 4: PARAMETRIC EQ	LOW-MID FREQ
140	EQ 4: PARAMETRIC EQ	LOW-MID Q
141	EQ 4: PARAMETRIC EQ	LOW-MID GAIN
142	EQ 4: PARAMETRIC EQ	HIGH-MID FREQ
143	EQ 4: PARAMETRIC EQ	HIGH-MID Q
144	EQ 4: PARAMETRIC EQ	HIGH-MID GAIN
145	EQ 4: PARAMETRIC EQ	LOW CUT
146	EQ 4: PARAMETRIC EQ	HIGH CUT
147	EQ 4: GRAPHIC EQ	31.5Hz
148	EQ 4: GRAPHIC EQ	63Hz
149	EQ 4: GRAPHIC EQ	125Hz
150	EQ 4: GRAPHIC EQ	250Hz
151	EQ 4: GRAPHIC EQ	500Hz
152	EQ 4: GRAPHIC EQ	1kHz
153	EQ 4: GRAPHIC EQ	2kHz
154	EQ 4: GRAPHIC EQ	4kHz
155	EQ 4: GRAPHIC EQ	8kHz
156	EQ 4: GRAPHIC EQ	16kHz
157	EQ 4: GRAPHIC EQ	LEVEL
158	DELAY 1	ON OFF
159	DELAY 1	TIME
160	DELAY 1	FEEDBACK
161	DELAY 1	HIGH CUT
162	DELAY 1	EFFECT LEVEL
163	DELAY 1	DIRECT LEVEL
164	DELAY 2	ON OFF
165	DELAY 2	TIME
166	DELAY 2	FEEDBACK
167	DELAY 2	HIGH CUT
168	DELAY 2	EFFECT LEVEL
169	DELAY 2	DIRECT LEVEL
170	DELAY 3	ON OFF
171	DELAY 3	TIME
172	DELAY 3	FEEDBACK
173	DELAY 3	HIGH CUT
174	DELAY 3	EFFECT LEVEL
175	DELAY 3	DIRECT LEVEL
176	DELAY 4	ON OFF
177	DELAY 4	TIME
178	DELAY 4	FEEDBACK
179	DELAY 4	HIGH CUT
180	DELAY 4	EFFECT LEVEL
181	DELAY 4	DIRECT LEVEL
182	MASTER DELAY	ON OFF
183	MASTER DELAY	TYPE
184	MASTER DELAY	TIME
185	MASTER DELAY	FEEDBACK
186	MASTER DELAY	HIGH CUT
187	MASTER DELAY	EFFECT LEVEL
188	MASTER DELAY	DIRECT LEVEL
189	MASTER DELAY	MOD RATE
190	MASTER DELAY	MOD DEPTH
191	MASTER DELAY	DUCK SENS
192	MASTER DELAY	DUCK PRE DEPTH
193	MASTER DELAY	DUCK POST DEPTH
194	MASTER DELAY SHIMMER	PITCH
195	MASTER DELAY SHIMMER	PITCH BAL
196	MASTER DELAY DUAL	MODE
197	MASTER DELAY DUAL	D1 TYPE
198	MASTER DELAY DUAL	D1 TIME
199	MASTER DELAY DUAL	D1 FEEDBACK
200	MASTER DELAY DUAL	D1 HIGH CUT
201	MASTER DELAY DUAL	D1 EFFECT LEVEL
202	MASTER DELAY DUAL	D2 TYPE
203	MASTER DELAY DUAL	D2 TIME
204	MASTER DELAY DUAL	D2 FEEDBACK
205	MASTER DELAY DUAL	D2 HIGH CUT
206	MASTER DELAY DUAL	D2 EFFECT LEVEL
207	MASTER DELAY TWIST	RISE TIME
208	MASTER DELAY TWIST	FALL TIME

#	Category	Target
209	MASTER DELAY WARP	LEVEL
210	MASTER DELAY TAPE	HEAD
211	MASTER DELAY	PAN TAP TIME
212	MASTER DELAY TWIST	FADE TIME
213	CHORUS	ON OFF
214	CHORUS	TYPE
215	CHORUS	RATE
216	CHORUS	DEPTH
217	CHORUS	PRE-DELAY
218	CHORUS	EFFECT LEVEL
219	CHORUS	DIRECT LEVEL
220	CHORUS	WAVEFORM
221	CHORUS	LOW CUT
222	CHORUS	HIGH CUT
223	CHORUS DUAL	RATE 1
224	CHORUS DUAL	DEPTH 1
225	CHORUS DUAL	PRE-DELAY 1
226	CHORUS DUAL	EFFECT LEVEL 1
227	CHORUS DUAL	WAVEFORM 1
228	CHORUS DUAL	LOW CUT 1
229	CHORUS DUAL	HIGH CUT 1
230	CHORUS DUAL	RATE 2
231	CHORUS DUAL	DEPTH 2
232	CHORUS DUAL	PRE-DELAY 2
233	CHORUS DUAL	EFFECT LEVEL 2
234	CHORUS DUAL	WAVEFORM 2
235	CHORUS DUAL	LOW CUT 2
236	CHORUS DUAL	HIGH CUT 2
237	FX1	ON OFF
238	FX1	TYPE
239	FX1 AC GUITAR SIM	BODY
240	FX1 AC GUITAR SIM	LOW
241	FX1 AC GUITAR SIM	HIGH
242	FX1 AC GUITAR SIM	LEVEL
243	FX1 AC RESONANCE	TYPE
244	FX1 AC RESONANCE	RESONANCE
245	FX1 AC RESONANCE	STONE
246	FX1 AC RESONANCE	LEVEL
247	FX1 AUTO WAH	FILTER MODE
248	FX1 AUTO WAH	RATE
249	FX1 AUTO WAH	DEPTH
250	FX1 AUTO WAH	EFFECT LEVEL
251	FX1 AUTO WAH	FREQUENCY
252	FX1 AUTO WAH	RESONANCE
253	FX1 AUTO WAH	WAVEFORM
254	FX1 AUTO WAH	DIRECT MIX
255	FX1 CHORUS	CHORUS TYPE
256	FX1 CHORUS	RATE
257	FX1 CHORUS	DEPTH
258	FX1 CHORUS	EFFECT LEVEL
259	FX1 CHORUS	PRE-DELAY
260	FX1 CHORUS	DIRECT LEVEL
261	FX1 CHORUS	WAVEFORM
262	FX1 CHORUS	LOW CUT
263	FX1 CHORUS	HIGH CUT
264	FX1 CHORUS PRIME	SWEETNESS
265	FX1 CHORUS PRIME	BELL
266	FX1 CHORUS	OUTPUT MODE
268	FX1 CHORUS CE-1	PREAMP SW
269	FX1 CHORUS CE-1	PREAMP GAIN
270	FX1 CHORUS CE-1	PREAMP LEVEL
271	FX1 CHORUS DUAL	RATE 1
272	FX1 CHORUS DUAL	DEPTH 1
273	FX1 CHORUS DUAL	PRE-DELAY 1
274	FX1 CHORUS DUAL	EFFECT LEVEL 1
275	FX1 CHORUS DUAL	WAVEFORM 1
276	FX1 CHORUS DUAL	LOW CUT 1
277	FX1 CHORUS DUAL	HIGH CUT 1
278	FX1 CHORUS DUAL	RATE 2
279	FX1 CHORUS DUAL	DEPTH 2
280	FX1 CHORUS DUAL	PRE-DELAY 2
281	FX1 CHORUS DUAL	EFFECT LEVEL 2
282	FX1 CHORUS DUAL	WAVEFORM 2
283	FX1 CHORUS DUAL	LOW CUT 2
284	FX1 CHORUS DUAL	HIGH CUT 2
285	FX1 CLASSIC-VIBE	MODE
286	FX1 CLASSIC-VIBE	RATE
287	FX1 CLASSIC-VIBE	DEPTH
288	FX1 CLASSIC-VIBE	EFFECT LEVEL
289	FX1 COMP	TYPE
290	FX1 COMP	SUSTAIN
291	FX1 COMP	ATTACK
292	FX1 COMP	LEVEL
293	FX1 COMP	STONE
294	FX1 COMP	RATIO
295	FX1 COMP	DIRECT MIX
296	FX1 DEFRETTER	SENS
297	FX1 DEFRETTER	DEPTH
298	FX1 DEFRETTER	STONE
299	FX1 DEFRETTER	EFFECT LEVEL
300	FX1 DEFRETTER	ATTACK
301	FX1 DEFRETTER	RESONANCE
302	FX1 DEFRETTER	DIRECT MIX
303	FX1 FEEDBACKER	MODE
304	FX1 FEEDBACKER	TRIGGER
305	FX1 FEEDBACKER	RISE TIME
306	FX1 FEEDBACKER	OCTAVE RISE TIME
307	FX1 FEEDBACKER	FEEDBACK
308	FX1 FEEDBACKER	OCTAVE FEEDBACK
309	FX1 FEEDBACKER	VIB RATE
310	FX1 FEEDBACKER	VIB DEPTH
311	FX1 FLANGER	RATE
312	FX1 FLANGER	DEPTH
313	FX1 FLANGER	RESONANCE
314	FX1 FLANGER	MANUAL
315	FX1 FLANGER	DIRECT MIX

#	Category	Target
316	FX1 FLANGER	EFFECT LEVEL
317	FX1 FLANGER	TURBO
318	FX1 FLANGER	WAVEFORM
319	FX1 FLANGER	STEPRATE
320	FX1 FLANGER	SEPARATION
321	FX1 FLANGER	LOW DAMP
322	FX1 FLANGER	HIGH DAMP
323	FX1 FLANGER	LOW CUT
324	FX1 FLANGER	HIGH CUT
325	FX1 HARMONIST	VOICE
326	FX1 HARMONIST	HR1 HARMONY
327	FX1 HARMONIST	HR2 HARMONY
328	FX1 HARMONIST	DIRECT LEVEL
329	FX1 HARMONIST	HR1 LEVEL
330	FX1 HARMONIST	HR1 PRE-DELAY
331	FX1 HARMONIST	HR1 FEEDBACK
332	FX1 HARMONIST	HR2 LEVEL
333	FX1 HARMONIST	HR2 PRE-DELAY
334	FX1 HUMANIZER	MODE
335	FX1 HUMANIZER	VOWEL1
336	FX1 HUMANIZER	VOWEL2
337	FX1 HUMANIZER	SENS
338	FX1 HUMANIZER	RATE
339	FX1 HUMANIZER	DEPTH
340	FX1 HUMANIZER	MANUAL
341	FX1 HUMANIZER	LEVEL
342	FX1 OCTAVE	TYPE
343	FX1 OCTAVE	-20CT
344	FX1 OCTAVE	-10CT
345	FX1 OCTAVE	DIRECT LEVEL
346	FX1 OCTAVE	RANGE
347	FX1 OCTAVE	POLY OCTAVE LEVEL
348	FX1 OVERTONE	LOWER LEVEL
349	FX1 OVERTONE	UPPER LEVEL
350	FX1 OVERTONE	UNISON LEVEL
351	FX1 OVERTONE	DIRECT LEVEL
352	FX1 OVERTONE	DETUNE
353	FX1 OVERTONE	OUTPUT MODE
354	FX1 PAN	RATE
355	FX1 PAN	DEPTH
356	FX1 PAN	WAVEFORM
357	FX1 PAN	EFFECT LEVEL
358	FX1 PAN	DIRECT MIX
359	FX1 PHASER	STAGE
360	FX1 PHASER	RATE
361	FX1 PHASER	DEPTH
362	FX1 PHASER	RESONANCE
363	FX1 PHASER	MANUAL
364	FX1 PHASER	B1-PHASE
365	FX1 PHASER	WAVEFORM
366	FX1 PHASER	STEP RATE
367	FX1 PHASER	SEPARATION
368	FX1 PHASER	EFFECT LEVEL
369	FX1 PHASER	LOW DAMP
370	FX1 PHASER	HIGH DAMP
371	FX1 PHASER	LOW CUT
372	FX1 PHASER	HIGH CUT
373	FX1 PHASER	DIRECT MIX
374	FX1 PITCH SHIFTER	VOICE
375	FX1 PITCH SHIFTER	PS1 PITCH
376	FX1 PITCH SHIFTER	PS2 PITCH
377	FX1 PITCH SHIFTER	DIRECT LEVEL
378	FX1 PITCH SHIFTER	PS1 MODE
379	FX1 PITCH SHIFTER	PS1 FINE
380	FX1 PITCH SHIFTER	PS1 PRE-DELAY
381	FX1 PITCH SHIFTER	PS1 LEVEL
382	FX1 PITCH SHIFTER	PS1 FEEDBACK
383	FX1 PITCH SHIFTER	PS2 MODE
384	FX1 PITCH SHIFTER	PS2 FINE
385	FX1 PITCH SHIFTER	PS2 PRE-DELAY
386	FX1 PITCH SHIFTER	PS2 LEVEL
387	FX1 RING MOD	INTELLIGENT
388	FX1 RING MOD	FREQUENCY
389	FX1 RING MOD	FREQ MOD RATE
390	FX1 RING MOD	FREQ MOD DEPTH
391	FX1 RING MOD	EFFECT LEVEL
392	FX1 RING MOD	DIRECT MIX
393	FX1 ROTARY	SPEED SELECT
394	FX1 ROTARY	SLOW RATE
395	FX1 ROTARY	FAST RATE
396	FX1 ROTARY	EFFECT LEVEL
397	FX1 ROTARY	RISE TIME
398	FX1 ROTARY	FALL TIME
399	FX1 ROTARY	MIC DISTANCE
400	FX1 ROTARY	ROTOR HORN
401	FX1 ROTARY	DRIVE
402	FX1 ROTARY	DIRECT MIX
403	FX1 SITAR SIM	SENS
404	FX1 SITAR SIM	DEPTH
405	FX1 SITAR SIM	tone
406	FX1 SITAR SIM	EFFECT LEVEL
407	FX1 SITAR SIM	RESONANCE
408	FX1 SITAR SIM	BUZZ
409	FX1 SITAR SIM	DIRECT MIX
410	FX1 SLICER	PATTERN
411	FX1 SLICER	RATE
412	FX1 SLICER	TRIGGER
413	FX1 SLICER	EFFECT LEVEL
414	FX1 SLICER	ATTACK
415	FX1 SLICER	DUTY
416	FX1 SLICER	DIRECT MIX
417	FX1 SLOW GEAR	SENS
418	FX1 SLOW GEAR	RISE TIME
419	FX1 SLOW GEAR	LEVEL
420	FX1 SOUND HOLD	TRIGGER

#	Category	Target
421	FX1 SOUND HOLD	RISE TIME
422	FX1 SOUND HOLD	EFFECT LEVEL
423	FX1 S-BEND	TRIGGER
424	FX1 S-BEND	PITCH
425	FX1 S-BEND	RISE TIME
426	FX1 S-BEND	FALL TIME
427	FX1 TOUCH WAH	FILTER MODE
428	FX1 TOUCH WAH	POLARITY
429	FX1 TOUCH WAH	SENS
430	FX1 TOUCH WAH	FREQUENCY
431	FX1 TOUCH WAH	RESONANCE
432	FX1 TOUCH WAH	DECAY
433	FX1 TOUCH WAH	EFFECT LEVEL
434	FX1 TOUCH WAH	DIRECT MIX
435	FX1 TREMOLO	RATE
436	FX1 TREMOLO	DEPTH
437	FX1 TREMOLO	WAVEFORM
438	FX1 TREMOLO	EFFECT LEVEL
439	FX1 TREMOLO	TRIGGER
440	FX1 TREMOLO	RISE TIME
441	FX1 TREMOLO	DIRECT MIX
442	FX1 VIBRATO	RATE
443	FX1 VIBRATO	DEPTH
444	FX1 VIBRATO	COLOR
445	FX1 VIBRATO	EFFECT LEVEL
446	FX1 VIBRATO	TRIGGER
447	FX1 VIBRATO	RISE TIME
448	FX1 VIBRATO	DIRECT MIX
449	FX2	ON OFF
450	FX2	TYPE
451	FX2 AC GUITAR SIM	BODY
452	FX2 AC GUITAR SIM	LOW
453	FX2 AC GUITAR SIM	HIGH
454	FX2 AC GUITAR SIM	LEVEL
455	FX2 AC RESONANCE	TYPE
456	FX2 AC RESONANCE	RESONANCE
457	FX2 AC RESONANCE	tone
458	FX2 AC RESONANCE	LEVEL
459	FX2 AUTO WAH	FILTER MODE
460	FX2 AUTO WAH	RATE
461	FX2 AUTO WAH	DEPTH
462	FX2 AUTO WAH	EFFECT LEVEL
463	FX2 AUTO WAH	FREQUENCY
464	FX2 AUTO WAH	RESONANCE
465	FX2 AUTO WAH	WAVEFORM
466	FX2 AUTO WAH	DIRECT MIX
467	FX2 CHORUS	CHORUS TYPE
468	FX2 CHORUS	RATE
469	FX2 CHORUS	DEPTH
470	FX2 CHORUS	EFFECT LEVEL
471	FX2 CHORUS	PRE-DELAY
472	FX2 CHORUS	DIRECT LEVEL
473	FX2 CHORUS	WAVEFORM
474	FX2 CHORUS	LOW CUT
475	FX2 CHORUS	HIGH CUT
476	FX2 CHORUS PRIME	SWEETNESS
477	FX2 CHORUS PRIME	BELL
478	FX2 CHORUS	OUTPUT MODE
480	FX2 CHORUS CE-1	PREAMP SW
481	FX2 CHORUS CE-1	PREAMP GAIN
482	FX2 CHORUS CE-1	PREAMP LEVEL
483	FX2 CHORUS DUAL	RATE 1
484	FX2 CHORUS DUAL	DEPTH 1
485	FX2 CHORUS DUAL	PRE-DELAY 1
486	FX2 CHORUS DUAL	EFFECT LEVEL 1
487	FX2 CHORUS DUAL	WAVEFORM 1
488	FX2 CHORUS DUAL	LOW CUT 1
489	FX2 CHORUS DUAL	HIGH CUT 1
490	FX2 CHORUS DUAL	RATE 2
491	FX2 CHORUS DUAL	DEPTH 2
492	FX2 CHORUS DUAL	PRE-DELAY 2
493	FX2 CHORUS DUAL	EFFECT LEVEL 2
494	FX2 CHORUS DUAL	WAVEFORM 2
495	FX2 CHORUS DUAL	LOW CUT 2
496	FX2 CHORUS DUAL	HIGH CUT 2
497	FX2 CLASSIC-VIBE	MODE
498	FX2 CLASSIC-VIBE	RATE
499	FX2 CLASSIC-VIBE	DEPTH
500	FX2 CLASSIC-VIBE	EFFECT LEVEL
501	FX2 COMP	TYPE
502	FX2 COMP	SUSTAIN
503	FX2 COMP	ATTACK
504	FX2 COMP	LEVEL
505	FX2 COMP	tone
506	FX2 COMP	RATIO
507	FX2 COMP	DIRECT MIX
508	FX2 DEFRETTER	SENS
509	FX2 DEFRETTER	DEPTH
510	FX2 DEFRETTER	tone
511	FX2 DEFRETTER	EFFECT LEVEL
512	FX2 DEFRETTER	ATTACK
513	FX2 DEFRETTER	RESONANCE
514	FX2 DEFRETTER	DIRECT MIX
515	FX2 FEEDBACKER	MODE
516	FX2 FEEDBACKER	TRIGGER
517	FX2 FEEDBACKER	RISE TIME
518	FX2 FEEDBACKER	OCTAVE RISE TIME
519	FX2 FEEDBACKER	FEEDBACK
520	FX2 FEEDBACKER	OCTAVE FEEDBACK
521	FX2 FEEDBACKER	VIB RATE
522	FX2 FEEDBACKER	VIB DEPTH
523	FX2 FLANGER	RATE
524	FX2 FLANGER	DEPTH
525	FX2 FLANGER	RESONANCE
526	FX2 FLANGER	MANUAL

#	Category	Target
527	FX2 FLANGER	DIRECT MIX
528	FX2 FLANGER	EFFECT LEVEL
529	FX2 FLANGER	TURBO
530	FX2 FLANGER	WAVEFORM
531	FX2 FLANGER	SEPRATE
532	FX2 FLANGER	SEPARATION
533	FX2 FLANGER	LOW DAMP
534	FX2 FLANGER	HIGH DAMP
535	FX2 FLANGER	LOW CUT
536	FX2 FLANGER	HIGH CUT
537	FX2 HARMONIST	VOICE
538	FX2 HARMONIST	HR1 HARMONY
539	FX2 HARMONIST	HR2 HARMONY
540	FX2 HARMONIST	DIRECT LEVEL
541	FX2 HARMONIST	HR1 LEVEL
542	FX2 HARMONIST	HR1 PRE-DELAY
543	FX2 HARMONIST	HR1 FEEDBACK
544	FX2 HARMONIST	HR2 LEVEL
545	FX2 HARMONIST	HR2 PRE-DELAY
546	FX2 HUMANIZER	MODE
547	FX2 HUMANIZER	VOWEL1
548	FX2 HUMANIZER	VOWEL2
549	FX2 HUMANIZER	SENS
550	FX2 HUMANIZER	RATE
551	FX2 HUMANIZER	DEPTH
552	FX2 HUMANIZER	MANUAL
553	FX2 HUMANIZER	LEVEL
554	FX2 OCTAVE	TYPE
555	FX2 OCTAVE	-20CT
556	FX2 OCTAVE	-10CT
557	FX2 OCTAVE	DIRECT LEVEL
558	FX2 OCTAVE	RANGE
559	FX2 OCTAVE	POLY OCTAVE LEVEL
560	FX2 OVERTONE	LOWER LEVEL
561	FX2 OVERTONE	UPPER LEVEL
562	FX2 OVERTONE	UNISON LEVEL
563	FX2 OVERTONE	DIRECT LEVEL
564	FX2 OVERTONE	DETUNE
565	FX2 OVERTONE	OUTPUT MODE
566	FX2 PAN	RATE
567	FX2 PAN	DEPTH
568	FX2 PAN	WAVEFORM
569	FX2 PAN	EFFECT LEVEL
570	FX2 PAN	DIRECT MIX
571	FX2 PHASER	STAGE
572	FX2 PHASER	RATE
573	FX2 PHASER	DEPTH
574	FX2 PHASER	RESONANCE
575	FX2 PHASER	MANUAL
576	FX2 PHASER	B1-PHASE
577	FX2 PHASER	WAVEFORM
578	FX2 PHASER	STEP RATE
579	FX2 PHASER	SEPARATION
580	FX2 PHASER	EFFECT LEVEL
581	FX2 PHASER	LOW DAMP
582	FX2 PHASER	HIGH DAMP
583	FX2 PHASER	LOW CUT
584	FX2 PHASER	HIGH CUT
585	FX2 PHASER	DIRECT MIX
586	FX2 PITCH SHIFTER	VOICE
587	FX2 PITCH SHIFTER	PS1 PITCH
588	FX2 PITCH SHIFTER	PS2 PITCH
589	FX2 PITCH SHIFTER	DIRECT LEVEL
590	FX2 PITCH SHIFTER	PS1 MODE
591	FX2 PITCH SHIFTER	PS1 FINE
592	FX2 PITCH SHIFTER	PS1 PRE-DELAY
593	FX2 PITCH SHIFTER	PS1 LEVEL
594	FX2 PITCH SHIFTER	PS1 FEEDBACK
595	FX2 PITCH SHIFTER	PS2 MODE
596	FX2 PITCH SHIFTER	PS2 FINE
597	FX2 PITCH SHIFTER	PS2 PRE-DELAY
598	FX2 PITCH SHIFTER	PS2 LEVEL
599	FX2 RING MOD	INTELLIGENT
600	FX2 RING MOD	FREQUENCY
601	FX2 RING MOD	FREQ MOD RATE
602	FX2 RING MOD	FREQ MOD DEPTH
603	FX2 RING MOD	EFFECT LEVEL
604	FX2 RING MOD	DIRECT MIX
605	FX2 ROTARY	SPEED SELECT
606	FX2 ROTARY	SLOW RATE
607	FX2 ROTARY	FAST RATE
608	FX2 ROTARY	EFFECT LEVEL
609	FX2 ROTARY	RISE TIME
610	FX2 ROTARY	FALL TIME
611	FX2 ROTARY	MIC DISTANCE
612	FX2 ROTARY	ROTOR HORN
613	FX2 ROTARY	DRIVE
614	FX2 ROTARY	DIRECT MIX
615	FX2 SITAR SIM	SENS
616	FX2 SITAR SIM	DEPTH
617	FX2 SITAR SIM	ZONE
618	FX2 SITAR SIM	EFFECT LEVEL
619	FX2 SITAR SIM	RESONANCE
620	FX2 SITAR SIM	BUZZ
621	FX2 SITAR SIM	DIRECT MIX
622	FX2 SLICER	PATTERN
623	FX2 SLICER	RATE
624	FX2 SLICER	TRIGGER
625	FX2 SLICER	EFFECT LEVEL
626	FX2 SLICER	ATTACK
627	FX2 SLICER	DUTY
628	FX2 SLICER	DIRECT MIX
629	FX2 SLOW GEAR	SENS
630	FX2 SLOW GEAR	RISE TIME
631	FX2 SLOW GEAR	LEVEL

#	Category	Target
632	FX2 SOUND HOLD	TRIGGER
633	FX2 SOUND HOLD	RISE TIME
634	FX2 SOUND HOLD	EFFECT LEVEL
635	FX2 S-BEND	TRIGGER
636	FX2 S-BEND	PITCH
637	FX2 S-BEND	RISE TIME
638	FX2 S-BEND	FALL TIME
639	FX2 TOUCH WAH	FILTER MODE
640	FX2 TOUCH WAH	POLARITY
641	FX2 TOUCH WAH	SENS
642	FX2 TOUCH WAH	FREQUENCY
643	FX2 TOUCH WAH	RESONANCE
644	FX2 TOUCH WAH	DECAY
645	FX2 TOUCH WAH	EFFECT LEVEL
646	FX2 TOUCH WAH	DIRECT MIX
647	FX2 TREMOLO	RATE
648	FX2 TREMOLO	DEPTH
649	FX2 TREMOLO	WAVEFORM
650	FX2 TREMOLO	EFFECT LEVEL
651	FX2 TREMOLO	TRIGGER
652	FX2 TREMOLO	RISE TIME
653	FX2 TREMOLO	DIRECT MIX
654	FX2 VIBRATO	RATE
655	FX2 VIBRATO	DEPTH
656	FX2 VIBRATO	COLOR
657	FX2 VIBRATO	EFFECT LEVEL
658	FX2 VIBRATO	TRIGGER
659	FX2 VIBRATO	RISE TIME
660	FX2 VIBRATO	DIRECT MIX
661	FX3	ON OFF
662	FX3	TYPE
663	FX3 AC GUITAR SIM	BODY
664	FX3 AC GUITAR SIM	LOW
665	FX3 AC GUITAR SIM	HIGH
666	FX3 AC GUITAR SIM	LEVEL
667	FX3 AC RESONANCE	TYPE
668	FX3 AC RESONANCE	RESONANCE
669	FX3 AC RESONANCE	ZONE
670	FX3 AC RESONANCE	LEVEL
671	FX3 AUTO WAH	FILTER MODE
672	FX3 AUTO WAH	RATE
673	FX3 AUTO WAH	DEPTH
674	FX3 AUTO WAH	EFFECT LEVEL
675	FX3 AUTO WAH	FREQUENCY
676	FX3 AUTO WAH	RESONANCE
677	FX3 AUTO WAH	WAVEFORM
678	FX3 AUTO WAH	DIRECT MIX
679	FX3 CHORUS	CHORUS TYPE
680	FX3 CHORUS	RATE
681	FX3 CHORUS	DEPTH
682	FX3 CHORUS	EFFECT LEVEL
683	FX3 CHORUS	PRE-DELAY
684	FX3 CHORUS	DIRECT LEVEL
685	FX3 CHORUS	WAVEFORM
686	FX3 CHORUS	LOW CUT
687	FX3 CHORUS	HIGH CUT
688	FX3 CHORUS PRIME	SWEETNESS
689	FX3 CHORUS PRIME	BELL
690	FX3 CHORUS	OUTPUT MODE
691	FX3 CHORUS CE-1	PREAMP SW
692	FX3 CHORUS CE-1	PREAMP GAIN
693	FX3 CHORUS CE-1	PREAMP LEVEL
694	FX3 CHORUS CE-1	RATE 1
695	FX3 CHORUS DUAL	DEPTH 1
696	FX3 CHORUS DUAL	PRE-DELAY 1
697	FX3 CHORUS DUAL	EFFECT LEVEL 1
698	FX3 CHORUS DUAL	WAVEFORM 1
699	FX3 CHORUS DUAL	LOW CUT 1
700	FX3 CHORUS DUAL	HIGH CUT 1
701	FX3 CHORUS DUAL	RATE 2
702	FX3 CHORUS DUAL	DEPTH 2
703	FX3 CHORUS DUAL	PRE-DELAY 2
704	FX3 CHORUS DUAL	EFFECT LEVEL 2
705	FX3 CHORUS DUAL	WAVEFORM 2
706	FX3 CHORUS DUAL	LOW CUT 2
707	FX3 CHORUS DUAL	HIGH CUT 2
708	FX3 CHORUS DUAL	MODE
709	FX3 CLASSIC-VIBE	RATE
710	FX3 CLASSIC-VIBE	DEPTH
711	FX3 CLASSIC-VIBE	EFFECT LEVEL
712	FX3 CLASSIC-VIBE	TYPE
713	FX3 COMP	SUSTAIN
714	FX3 COMP	ATTACK
715	FX3 COMP	LEVEL
716	FX3 COMP	ZONE
717	FX3 COMP	RATIO
718	FX3 COMP	DIRECT MIX
719	FX3 COMP	SENS
720	FX3 DEFRETTER	DEPTH
721	FX3 DEFRETTER	ZONE
722	FX3 DEFRETTER	EFFECT LEVEL
723	FX3 DEFRETTER	ATTACK
724	FX3 DEFRETTER	RESONANCE
725	FX3 DEFRETTER	DIRECT MIX
726	FX3 DEFRETTER	MODE
727	FX3 FEEDBACKER	TRIGGER
728	FX3 FEEDBACKER	RISE TIME
729	FX3 FEEDBACKER	OCTAVE RISE TIME
730	FX3 FEEDBACKER	FEEDBACK
731	FX3 FEEDBACKER	OCTAVE FEEDBACK
732	FX3 FEEDBACKER	VIB RATE
733	FX3 FEEDBACKER	VIB DEPTH
734	FX3 FLANGER	RATE
735	FX3 FLANGER	DEPTH
736	FX3 FLANGER	RESONANCE
737	FX3 FLANGER	LEVEL



#	Category	Target
738	FX3 FLANGER	MANUAL
739	FX3 FLANGER	DIRECT MIX
740	FX3 FLANGER	EFFECT LEVEL
741	FX3 FLANGER	TURBO
742	FX3 FLANGER	WAVEFORM
743	FX3 FLANGER	STEP RATE
744	FX3 FLANGER	SEPARATION
745	FX3 FLANGER	LOW DAMP
746	FX3 FLANGER	HIGH DAMP
747	FX3 FLANGER	LOW CUT
748	FX3 FLANGER	HIGH CUT
749	FX3 HARMONIST	VOICE
750	FX3 HARMONIST	HR1 HARMONY
751	FX3 HARMONIST	HR2 HARMONY
752	FX3 HARMONIST	DIRECT LEVEL
753	FX3 HARMONIST	HR1 LEVEL
754	FX3 HARMONIST	HR1 PRE-DELAY
755	FX3 HARMONIST	HR1 FEEDBACK
756	FX3 HARMONIST	HR2 LEVEL
757	FX3 HARMONIST	HR2 PRE-DELAY
758	FX3 HUMANIZER	MODE
759	FX3 HUMANIZER	VOWEL1
760	FX3 HUMANIZER	VOWEL2
761	FX3 HUMANIZER	SENS
762	FX3 HUMANIZER	RATE
763	FX3 HUMANIZER	DEPTH
764	FX3 HUMANIZER	MANUAL
765	FX3 HUMANIZER	LEVEL
766	FX3 OCTAVE	TYPE
767	FX3 OCTAVE	-20CT
768	FX3 OCTAVE	-10CT
769	FX3 OCTAVE	DIRECT LEVEL
770	FX3 OCTAVE	RANGE
771	FX3 OCTAVE	POLY OCTAVE LEVEL
772	FX3 OVERTONE	LOWER LEVEL
773	FX3 OVERTONE	UPPER LEVEL
774	FX3 OVERTONE	UNISON LEVEL
775	FX3 OVERTONE	DIRECT LEVEL
776	FX3 OVERTONE	DETUNE
777	FX3 OVERTONE	OUTPUT MODE
778	FX3 PAN	RATE
779	FX3 PAN	DEPTH
780	FX3 PAN	WAVEFORM
781	FX3 PAN	EFFECT LEVEL
782	FX3 PAN	DIRECT MIX
783	FX3 PHASER	STAGE
784	FX3 PHASER	RATE
785	FX3 PHASER	DEPTH
786	FX3 PHASER	RESONANCE
787	FX3 PHASER	MANUAL
788	FX3 PHASER	BI-PHASE
789	FX3 PHASER	WAVEFORM
790	FX3 PHASER	STEP RATE
791	FX3 PHASER	SEPARATION
792	FX3 PHASER	EFFECT LEVEL
793	FX3 PHASER	LOW DAMP
794	FX3 PHASER	HIGH DAMP
795	FX3 PHASER	LOW CUT
796	FX3 PHASER	HIGH CUT
797	FX3 PHASER	DIRECT MIX
798	FX3 PITCH SHIFTER	VOICE
799	FX3 PITCH SHIFTER	PS1 PITCH
800	FX3 PITCH SHIFTER	PS2 PITCH
801	FX3 PITCH SHIFTER	DIRECT LEVEL
802	FX3 PITCH SHIFTER	PS1 MODE
803	FX3 PITCH SHIFTER	PS1 FINE
804	FX3 PITCH SHIFTER	PS1 PRE-DELAY
805	FX3 PITCH SHIFTER	PS1 LEVEL
806	FX3 PITCH SHIFTER	PS1 FEEDBACK
807	FX3 PITCH SHIFTER	PS2 MODE
808	FX3 PITCH SHIFTER	PS2 FINE
809	FX3 PITCH SHIFTER	PS2 PRE-DELAY
810	FX3 PITCH SHIFTER	PS2 LEVEL
811	FX3 RING MOD	INTELLIGENT
812	FX3 RING MOD	FREQUENCY
813	FX3 RING MOD	FREQ MOD RATE
814	FX3 RING MOD	FREQ MOD DEPTH
815	FX3 RING MOD	EFFECT LEVEL
816	FX3 RING MOD	DIRECT MIX
817	FX3 ROTARY	SPEED SELECT
818	FX3 ROTARY	SLOW RATE
819	FX3 ROTARY	FAST RATE
820	FX3 ROTARY	EFFECT LEVEL
821	FX3 ROTARY	RISE TIME
822	FX3 ROTARY	FALL TIME
823	FX3 ROTARY	MIC DISTANCE
824	FX3 ROTARY	ROTOR HORN
825	FX3 ROTARY	DRIVE
826	FX3 ROTARY	DIRECT MIX
827	FX3 SITAR SIM	SENS
828	FX3 SITAR SIM	DEPTH
829	FX3 SITAR SIM	TOPE
830	FX3 SITAR SIM	EFFECT LEVEL
831	FX3 SITAR SIM	RESONANCE
832	FX3 SITAR SIM	BUZZ
833	FX3 SITAR SIM	DIRECT MIX
834	FX3 SLICER	PATTERN
835	FX3 SLICER	RATE
836	FX3 SLICER	TRIGGER
837	FX3 SLICER	EFFECT LEVEL
838	FX3 SLICER	ATTACK
839	FX3 SLICER	DUTY
840	FX3 SLICER	DIRECT MIX
841	FX3 SLOW GEAR	SENS
842	FX3 SLOW GEAR	RISE TIME

#	Category	Target
843	FX3 SLOW GEAR	LEVEL
844	FX3 SOUND HOLD	TRIGGER
845	FX3 SOUND HOLD	RISE TIME
846	FX3 SOUND HOLD	EFFECT LEVEL
847	FX3 S-BEND	TRIGGER
848	FX3 S-BEND	PITCH
849	FX3 S-BEND	RISE TIME
850	FX3 S-BEND	FALL TIME
851	FX3 TOUCH WAH	FILTER MODE
852	FX3 TOUCH WAH	POLARITY
853	FX3 TOUCH WAH	SENS
854	FX3 TOUCH WAH	FREQUENCY
855	FX3 TOUCH WAH	RESONANCE
856	FX3 TOUCH WAH	DECAY
857	FX3 TOUCH WAH	EFFECT LEVEL
858	FX3 TOUCH WAH	DIRECT MIX
859	FX3 TREMOLO	RATE
860	FX3 TREMOLO	DEPTH
861	FX3 TREMOLO	WAVEFORM
862	FX3 TREMOLO	EFFECT LEVEL
863	FX3 TREMOLO	TRIGGER
864	FX3 TREMOLO	RISE TIME
865	FX3 TREMOLO	DIRECT MIX
866	FX3 VIBRATO	RATE
867	FX3 VIBRATO	DEPTH
868	FX3 VIBRATO	COLOR
869	FX3 VIBRATO	EFFECT LEVEL
870	FX3 VIBRATO	TRIGGER
871	FX3 VIBRATO	RISE TIME
872	FX3 VIBRATO	DIRECT MIX
873	REVERB	ON OFF
874	REVERB	TYPE
875	REVERB	TIME
876	REVERB	TOPE
877	REVERB	DENSITY
878	REVERB	EFFECT LEVEL
879	REVERB	PRE-DELAY
880	REVERB	LOW CUT
881	REVERB	HIGH CUT
882	REVERB	LOW DAMP
883	REVERB	HIGH DAMP
884	REVERB	MOD RATE
885	REVERB	MOD DEPTH
886	REVERB	DUCK SENS
887	REVERB	DUCK PRE DEPTH
888	REVERB	DUCK POST DEPTH
889	REVERB	DIRECT LEVEL
890	REVERB SHIMMER	PITCH 1
891	REVERB SHIMMER	PITCH 2
892	REVERB SHIMMER	LEVEL 1
893	REVERB SHIMMER	LEVEL 2
894	REVERB DUAL	TYPE 1
895	REVERB DUAL	TIME 1
896	REVERB DUAL	TOPE 1
897	REVERB DUAL	EFFECT LEVEL 1
898	REVERB DUAL	DENSITY 1
899	REVERB DUAL	PRE-DELAY 1
900	REVERB DUAL	LOW CUT 1
901	REVERB DUAL	HIGH CUT 1
902	REVERB DUAL	TYPE 2
903	REVERB DUAL	TIME 2
904	REVERB DUAL	TOPE 2
905	REVERB DUAL	EFFECT LEVEL 2
906	REVERB DUAL	DENSITY 2
907	REVERB DUAL	PRE-DELAY 2
908	REVERB DUAL	LOW CUT 2
909	REVERB DUAL	HIGH CUT 2
910	REVERB TERA ECHO	MODE
911	REVERB TERA ECHO	SPREAD TIME
912	REVERB TERA ECHO	FEEDBACK
914	REVERB TERA ECHO	TRIGGER
915	PEDAL FX	ON OFF
916	PEDAL FX	TYPE
917	PEDAL FX BEND	PITCH MAX
918	PEDAL FX BEND	PEDAL POSITION
919	PEDAL FX	EFFECT LEVEL
920	PEDAL FX	DIRECT MIX
921	PEDAL FX WAH	TYPE
922	PEDAL FX WAH	PEDAL POSITION
923	PEDAL FX WAH	PEDAL MIN
924	PEDAL FX WAH	PEDAL MAX
927	FOOT VOLUME	VOLUME MIN
928	FOOT VOLUME	VOLUME MAX
929	FOOT VOLUME	VOLUME CURVE
930	FOOT VOLUME	PEDAL POSITION
931	DIVIDER 1	MODE
932	DIVIDER 1 SINGLE	CH SELECT
933	DIVIDER 1 DUAL	CH A DYNAMIC
934	DIVIDER 1 DUAL	CH A DYNAMIC SENS
935	DIVIDER 1 DUAL	CH A FILTER
936	DIVIDER 1 DUAL	CH A CUTOFF FREQUENCY
937	DIVIDER 1 DUAL	CH B DYNAMIC
938	DIVIDER 1 DUAL	CH B DYNAMIC SENS
939	DIVIDER 1 DUAL	CH B FILTER
940	DIVIDER 1 DUAL	CH B CUTOFF FREQUENCY
941	DIVIDER 2	MODE
942	DIVIDER 2 SINGLE	CH SELECT
943	DIVIDER 2 DUAL	CH A DYNAMIC
944	DIVIDER 2 DUAL	CH A DYNAMIC SENS
945	DIVIDER 2 DUAL	CH A FILTER
946	DIVIDER 2 DUAL	CH A CUTOFF FREQUENCY
947	DIVIDER 2 DUAL	CH B DYNAMIC
948	DIVIDER 2 DUAL	CH B DYNAMIC SENS
949	DIVIDER 2 DUAL	CH B FILTER
950	DIVIDER 2 DUAL	CH B CUTOFF FREQUENCY

#	Category	Target
951	DIVIDER 3	MODE
952	DIVIDER 3 SINGLE	CH SELECT
953	DIVIDER 3 DUAL	CH A DYNAMIC
954	DIVIDER 3 DUAL	CH A DYNAMIC SENS
955	DIVIDER 3 DUAL	CH A FILTER
956	DIVIDER 3 DUAL	CH A CUTOFF FREQUENCY
957	DIVIDER 3 DUAL	CH B DYNAMIC
958	DIVIDER 3 DUAL	CH B DYNAMIC SENS
959	DIVIDER 3 DUAL	CH B FILTER
960	DIVIDER 3 DUAL	CH B CUTOFF FREQUENCY
961	MIXER 1	MODE
962	MIXER 1	CH A B BALANCE
963	MIXER 1	SPREAD
964	MIXER 2	MODE
965	MIXER 2	CH A B BALANCE
966	MIXER 2	SPREAD
967	MIXER 3	MODE
968	MIXER 3	CH A B BALANCE
969	MIXER 3	SPREAD
970	SEND RETURN 1	MODE
971	SEND RETURN 1	SEND LEVEL
972	SEND RETURN 1	RETURN LEVEL
973	SEND RETURN 1	ADJUST
974	SEND RETURN 2	MODE
975	SEND RETURN 2	SEND LEVEL
976	SEND RETURN 2	RETURN LEVEL
977	SEND RETURN 2	ADJUST
981	LOOPER	PLAY LEVEL
982	AMP CTL	CTL 1
983	AMP CTL	CTL 2
984	MASTER	PATCH LEVEL
985	MASTER	BPM
986	MASTER	KEY
987	TUNER	ON OFF
997	MIDI	MIDI CC#
998	MIDI	MIDI PC#
1007	MASTER DELAY SHIMMER	PITCH FEEDBACK
1008	MASTER DELAY	TRIGGER
1009	MASTER DELAY TWIST	MODE
1010	CHORUS DUAL	OUTPUT MODE
1011	FX1 FEEDBACKER	DEPTH
1012	FX1 OVERTONE	LOW
1013	FX1 OVERTONE	HIGH
1014	FX1 PHASER	TYPE
1015	FX2 FEEDBACKER	DEPTH
1016	FX2 OVERTONE	LOW
1017	FX2 OVERTONE	HIGH
1018	FX2 PHASER	TYPE
1019	FX3 FEEDBACKER	DEPTH
1020	FX3 OVERTONE	LOW
1021	FX3 OVERTONE	HIGH
1022	FX3 PHASER	TYPE
1023	SEND RETURN 1	ON OFF
1024	SEND RETURN 2	ON OFF
1025	MASTER DELAY ECHO	WOW & FLUTTER
1026	MASTER DELAY ECHO	SPACE HEAD
1027	MASTER DELAY ECHO	BINDRUM HEAD
1028	MASTER DELAY ECHO	SELECTOR
1029	COMP X-BASS	THRESHOLD
1030	FX1 COMP X-BASS	THRESHOLD
1031	FX1 DEFRETTER BASS	SENS
1032	FX1 DEFRETTER BASS	ATTACK
1033	FX1 DEFRETTER BASS	tone
1034	FX1 DEFRETTER BASS	EFFECT LEVEL
1035	FX1 DEFRETTER BASS	DIRECT MIX
1036	FX1 OCTAVE BASS	-20CT
1037	FX1 OCTAVE BASS	-10CT
1038	FX1 OCTAVE BASS	DIRECT LEVEL
1039	FX1 SLOW GEAR BASS	SENS
1040	FX1 SLOW GEAR BASS	RISE TIME
1041	FX1 SLOW GEAR BASS	LEVEL
1042	FX1 TOUCH WAH BASS	FILTER MODE
1043	FX1 TOUCH WAH BASS	POLARITY
1044	FX1 TOUCH WAH BASS	SENS
1045	FX1 TOUCH WAH BASS	FREQUENCY
1046	FX1 TOUCH WAH BASS	RESONANCE
1047	FX1 TOUCH WAH BASS	DECAY
1048	FX1 TOUCH WAH BASS	EFFECT LEVEL
1049	FX1 TOUCH WAH BASS	DIRECT MIX
1050	FX1 CHORUS BASS	TYPE
1051	FX1 CHORUS BASS	RATE
1052	FX1 CHORUS BASS	DEPTH
1053	FX1 CHORUS BASS	EFFECT LEVEL
1054	FX1 CHORUS BASS	LOW CUT
1055	FX1 CHORUS BASS	HIGH CUT
1056	FX1 FLANGER BASS	RATE
1057	FX1 FLANGER BASS	DEPTH
1058	FX1 FLANGER BASS	RESONANCE
1059	FX1 FLANGER BASS	MANUAL
1060	FX1 FLANGER BASS	TURBO
1061	FX1 FLANGER BASS	WAVEFORM
1062	FX1 FLANGER BASS	STEPRATE
1063	FX1 FLANGER BASS	SEPARATION
1064	FX1 FLANGER BASS	EFFECT LEVEL
1065	FX1 FLANGER BASS	LOW DAMP
1066	FX1 FLANGER BASS	HIGH DAMP
1067	FX1 FLANGER BASS	LOW CUT
1068	FX1 FLANGER BASS	HIGH CUT
1069	FX1 FLANGER BASS	DIRECT MIX
1070	FX2 COMP X-BASS	THRESHOLD
1071	FX2 DEFRETTER BASS	SENS
1072	FX2 DEFRETTER BASS	ATTACK
1073	FX2 DEFRETTER BASS	tone
1074	FX2 DEFRETTER BASS	EFFECT LEVEL
1075	FX2 DEFRETTER BASS	DIRECT MIX

(ver .2.00-)

(ver .3.00-)

#	Category	Target
1076	FX2 OCTAVE BASS	-20CT
1077	FX2 OCTAVE BASS	-10CT
1078	FX2 OCTAVE BASS	DIRECT LEVEL
1079	FX2 SLOW GEAR BASS	SENS
1080	FX2 SLOW GEAR BASS	RISE TIME
1081	FX2 SLOW GEAR BASS	LEVEL
1082	FX2 TOUCH WAH BASS	FILTER MODE
1083	FX2 TOUCH WAH BASS	POLARITY
1084	FX2 TOUCH WAH BASS	SENS
1085	FX2 TOUCH WAH BASS	FREQUENCY
1086	FX2 TOUCH WAH BASS	RESONANCE
1087	FX2 TOUCH WAH BASS	DECAY
1088	FX2 TOUCH WAH BASS	EFFECT LEVEL
1089	FX2 TOUCH WAH BASS	DIRECT MIX
1090	FX2 CHORUS BASS	TYPE
1091	FX2 CHORUS BASS	RATE
1092	FX2 CHORUS BASS	DEPTH
1093	FX2 CHORUS BASS	EFFECT LEVEL
1094	FX2 CHORUS BASS	LOW CUT
1095	FX2 CHORUS BASS	HIGH CUT
1096	FX2 FLANGER BASS	RATE
1097	FX2 FLANGER BASS	DEPTH
1098	FX2 FLANGER BASS	RESONANCE
1099	FX2 FLANGER BASS	MANUAL
1100	FX2 FLANGER BASS	TURBO
1101	FX2 FLANGER BASS	WAVEFORM
1102	FX2 FLANGER BASS	STEPRATE
1103	FX2 FLANGER BASS	SEPARATION
1104	FX2 FLANGER BASS	EFFECT LEVEL
1105	FX2 FLANGER BASS	LOW DAMP
1106	FX2 FLANGER BASS	HIGH DAMP
1107	FX2 FLANGER BASS	LOW CUT
1108	FX2 FLANGER BASS	HIGH CUT
1109	FX2 FLANGER BASS	DIRECT MIX
1110	FX3 COMP X-BASS	THRESHOLD
1111	FX3 DEFRETTER BASS	SENS
1112	FX3 DEFRETTER BASS	ATTACK
1113	FX3 DEFRETTER BASS	tone
1114	FX3 DEFRETTER BASS	EFFECT LEVEL
1115	FX3 DEFRETTER BASS	DIRECT MIX
1116	FX3 OCTAVE BASS	-20CT
1117	FX3 OCTAVE BASS	-10CT
1118	FX3 OCTAVE BASS	DIRECT LEVEL
1119	FX3 SLOW GEAR BASS	SENS
1120	FX3 SLOW GEAR BASS	RISE TIME
1121	FX3 SLOW GEAR BASS	LEVEL
1122	FX3 TOUCH WAH BASS	FILTER MODE
1123	FX3 TOUCH WAH BASS	POLARITY
1124	FX3 TOUCH WAH BASS	SENS
1125	FX3 TOUCH WAH BASS	FREQUENCY
1126	FX3 TOUCH WAH BASS	RESONANCE
1127	FX3 TOUCH WAH BASS	DECAY
1128	FX3 TOUCH WAH BASS	EFFECT LEVEL
1129	FX3 TOUCH WAH BASS	DIRECT MIX
1130	FX3 CHORUS BASS	TYPE
1131	FX3 CHORUS BASS	RATE
1132	FX3 CHORUS BASS	DEPTH
1133	FX3 CHORUS BASS	EFFECT LEVEL
1134	FX3 CHORUS BASS	LOW CUT
1135	FX3 CHORUS BASS	HIGH CUT
1136	FX3 FLANGER BASS	RATE
1137	FX3 FLANGER BASS	DEPTH
1138	FX3 FLANGER BASS	RESONANCE
1139	FX3 FLANGER BASS	MANUAL
1140	FX3 FLANGER BASS	TURBO
1141	FX3 FLANGER BASS	WAVEFORM
1142	FX3 FLANGER BASS	STEPRATE
1143	FX3 FLANGER BASS	SEPARATION
1144	FX3 FLANGER BASS	EFFECT LEVEL
1145	FX3 FLANGER BASS	LOW DAMP
1146	FX3 FLANGER BASS	HIGH DAMP
1147	FX3 FLANGER BASS	LOW CUT
1148	FX3 FLANGER BASS	HIGH CUT
1149	FX3 FLANGER BASS	DIRECT MIX
1150	MASTER	BASS MODE
1151	FX1 DISTORTION	TYPE
1152	FX1 DISTORTION	DRIVE
1153	FX1 DISTORTION	tone
1154	FX1 DISTORTION	EFFECT LEVEL
1155	FX1 DISTORTION	BOTTOM
1156	FX1 DISTORTION	DIRECT MIX
1157	FX1 DISTORTION	SOLO SW
1158	FX1 DISTORTION	SOLO LEVEL
1159	FX2 DISTORTION	TYPE
1160	FX2 DISTORTION	DRIVE
1161	FX2 DISTORTION	tone
1162	FX2 DISTORTION	EFFECT LEVEL
1163	FX2 DISTORTION	BOTTOM
1164	FX2 DISTORTION	DIRECT MIX
1165	FX2 DISTORTION	SOLO SW
1166	FX2 DISTORTION	SOLO LEVEL
1167	FX3 DISTORTION	TYPE
1168	FX3 DISTORTION	DRIVE
1169	FX3 DISTORTION	tone
1170	FX3 DISTORTION	EFFECT LEVEL
1171	FX3 DISTORTION	BOTTOM
1172	FX3 DISTORTION	DIRECT MIX
1173	FX3 DISTORTION	SOLO SW
1174	FX3 DISTORTION	SOLO LEVEL
1175	FX4	ON OFF
1176	FX4	TYPE
1177	FX4 AC GUITAR SIM	BODY
1178	FX4 AC GUITAR SIM	LOW
1179	FX4 AC GUITAR SIM	HIGH
1180	FX4 AC GUITAR SIM	LEVEL

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#	Category	Target	
1181	FX4 AC RESONANCE	TYPE	((*)
1182	FX4 AC RESONANCE	RESONANCE	((*)
1183	FX4 AC RESONANCE	tone	((*)
1184	FX4 AC RESONANCE	LEVEL	((*)
1185	FX4 AUTO WAH	FILTER MODE	((*)
1186	FX4 AUTO WAH	RATE	((*)
1187	FX4 AUTO WAH	DEPTH	((*)
1188	FX4 AUTO WAH	FREQUENCY	((*)
1189	FX4 AUTO WAH	RESONANCE	((*)
1190	FX4 AUTO WAH	WAVEFORM	((*)
1191	FX4 AUTO WAH	EFFECT LEVEL	((*)
1192	FX4 AUTO WAH	DIRECT MIX	((*)
1193	FX4 CHORUS	CHORUS TYPE	((*)
1194	FX4 CHORUS	RATE	((*)
1195	FX4 CHORUS	DEPTH	((*)
1196	FX4 CHORUS	PRE-DELAY	((*)
1197	FX4 CHORUS	WAVEFORM	((*)
1198	FX4 CHORUS	EFFECT LEVEL	((*)
1199	FX4 CHORUS	DIRECT LEVEL	((*)
1200	FX4 CHORUS	LOW CUT	((*)
1201	FX4 CHORUS	HIGH CUT	((*)
1202	FX4 CHORUS	OUTPUT MODE	((*)
1203	FX4 CHORUS DUAL	RATE 1	((*)
1204	FX4 CHORUS DUAL	DEPTH 1	((*)
1205	FX4 CHORUS DUAL	PRE-DELAY 1	((*)
1206	FX4 CHORUS DUAL	WAVEFORM 1	((*)
1207	FX4 CHORUS DUAL	EFFECT LEVEL 1	((*)
1208	FX4 CHORUS DUAL	LOW CUT 1	((*)
1209	FX4 CHORUS DUAL	HIGH CUT 1	((*)
1210	FX4 CHORUS DUAL	RATE 2	((*)
1211	FX4 CHORUS DUAL	DEPTH 2	((*)
1212	FX4 CHORUS DUAL	PRE-DELAY 2	((*)
1213	FX4 CHORUS DUAL	WAVEFORM 2	((*)
1214	FX4 CHORUS DUAL	EFFECT LEVEL 2	((*)
1215	FX4 CHORUS DUAL	LOW CUT 2	((*)
1216	FX4 CHORUS DUAL	HIGH CUT 2	((*)
1217	FX4 CHORUS PRIME	SWEETNESS	((*)
1218	FX4 CHORUS PRIME	BELL	((*)
1219	FX4 CHORUS CE-1	PREAMP SW	((*)
1220	FX4 CHORUS CE-1	PREAMP GAIN	((*)
1221	FX4 CHORUS CE-1	PREAMP LEVEL	((*)
1222	FX4 CHORUS BASS	TYPE	((*)
1223	FX4 CHORUS BASS	RATE	((*)
1224	FX4 CHORUS BASS	DEPTH	((*)
1225	FX4 CHORUS BASS	EFFECT LEVEL	((*)
1226	FX4 CHORUS BASS	LOW CUT	((*)
1227	FX4 CHORUS BASS	HIGH CUT	((*)
1228	FX4 CLASSIC-VIBE	MODE	((*)
1229	FX4 CLASSIC-VIBE	RATE	((*)
1230	FX4 CLASSIC-VIBE	DEPTH	((*)
1231	FX4 CLASSIC-VIBE	EFFECT LEVEL	((*)
1232	FX4 COMP	TYPE	((*)
1233	FX4 COMP	SUSTAIN	((*)
1234	FX4 COMP	ATTACK	((*)
1235	FX4 COMP	RATIO	((*)
1236	FX4 COMP	tone	((*)
1237	FX4 COMP	LEVEL	((*)
1238	FX4 COMP	DIRECT MIX	((*)
1239	FX4 COMP X-BASS	THRESHOLD	((*)
1240	FX4 DEFRETTER	SENS	((*)
1241	FX4 DEFRETTER	DEPTH	((*)
1242	FX4 DEFRETTER	ATTACK	((*)
1243	FX4 DEFRETTER	RESONANCE	((*)
1244	FX4 DEFRETTER	tone	((*)
1245	FX4 DEFRETTER	EFFECT LEVEL	((*)
1246	FX4 DEFRETTER	DIRECT MIX	((*)
1247	FX4 DEFRETTER BASS	SENS	((*)
1248	FX4 DEFRETTER BASS	ATTACK	((*)
1249	FX4 DEFRETTER BASS	tone	((*)
1250	FX4 DEFRETTER BASS	EFFECT LEVEL	((*)
1251	FX4 DEFRETTER BASS	DIRECT MIX	((*)
1252	FX4 DISTORTION	TYPE	((*)
1253	FX4 DISTORTION	DRIVE	((*)
1254	FX4 DISTORTION	tone	((*)
1255	FX4 DISTORTION	EFFECT LEVEL	((*)
1256	FX4 DISTORTION	BOTTOM	((*)
1257	FX4 DISTORTION	DIRECT MIX	((*)
1258	FX4 DISTORTION	SOLO SW	((*)
1259	FX4 DISTORTION	SOLO LEVEL	((*)
1260	FX4 FEEDBACKER	MODE	((*)
1261	FX4 FEEDBACKER	TRIGGER	((*)
1262	FX4 FEEDBACKER	DEPTH	((*)
1263	FX4 FEEDBACKER	RISE TIME	((*)
1264	FX4 FEEDBACKER	OCTAVE RISE TIME	((*)
1265	FX4 FEEDBACKER	FEEDBACK	((*)
1266	FX4 FEEDBACKER	OCTAVE FEEDBACK	((*)
1267	FX4 FEEDBACKER	VIB RATE	((*)
1268	FX4 FEEDBACKER	VIB DEPTH	((*)
1269	FX4 FLANGER	RATE	((*)
1270	FX4 FLANGER	DEPTH	((*)
1271	FX4 FLANGER	RESONANCE	((*)
1272	FX4 FLANGER	MANUAL	((*)
1273	FX4 FLANGER	TURBO	((*)
1274	FX4 FLANGER	WAVEFORM	((*)
1275	FX4 FLANGER	STEPRATE	((*)
1276	FX4 FLANGER	SEPARATION	((*)
1277	FX4 FLANGER	EFFECT LEVEL	((*)
1278	FX4 FLANGER	LOW DAMP	((*)
1279	FX4 FLANGER	HIGH DAMP	((*)
1280	FX4 FLANGER	LOW CUT	((*)
1281	FX4 FLANGER	HIGH CUT	((*)
1282	FX4 FLANGER	DIRECT MIX	((*)
1283	FX4 FLANGER BASS	RATE	((*)
1284	FX4 FLANGER BASS	DEPTH	((*)
1285	FX4 FLANGER BASS	RESONANCE	((*)

#	Category	Target	
1286	FX4 FLANGER BASS	MANUAL	((*)
1287	FX4 FLANGER BASS	TURBO	((*)
1288	FX4 FLANGER BASS	WAVEFORM	((*)
1289	FX4 FLANGER BASS	STEPRATE	((*)
1290	FX4 FLANGER BASS	SEPARATION	((*)
1291	FX4 FLANGER BASS	EFFECT LEVEL	((*)
1292	FX4 FLANGER BASS	LOW DAMP	((*)
1293	FX4 FLANGER BASS	HIGH DAMP	((*)
1294	FX4 FLANGER BASS	LOW CUT	((*)
1295	FX4 FLANGER BASS	HIGH CUT	((*)
1296	FX4 FLANGER BASS	DIRECT MIX	((*)
1297	FX4 HARMONIST	VOICE	((*)
1298	FX4 HARMONIST	HR1 HARMONY	((*)
1299	FX4 HARMONIST	HR1 PRE-DELAY	((*)
1300	FX4 HARMONIST	HR1 FEEDBACK	((*)
1301	FX4 HARMONIST	HR1 LEVEL	((*)
1302	FX4 HARMONIST	HR2 HARMONY	((*)
1303	FX4 HARMONIST	HR2 PRE-DELAY	((*)
1304	FX4 HARMONIST	HR2 LEVEL	((*)
1305	FX4 HARMONIST	DIRECT LEVEL	((*)
1306	FX4 HUMANIZER	MODE	((*)
1307	FX4 HUMANIZER	VOWEL1	((*)
1308	FX4 HUMANIZER	VOWEL2	((*)
1309	FX4 HUMANIZER	SENS	((*)
1310	FX4 HUMANIZER	RATE	((*)
1311	FX4 HUMANIZER	DEPTH	((*)
1312	FX4 HUMANIZER	MANUAL	((*)
1313	FX4 HUMANIZER	LEVEL	((*)
1314	FX4 OCTAVE	TYPE	((*)
1315	FX4 OCTAVE	-20CT	((*)
1316	FX4 OCTAVE	-10CT	((*)
1317	FX4 OCTAVE	DIRECT LEVEL	((*)
1318	FX4 OCTAVE	RANGE	((*)
1319	FX4 OCTAVE	POLY OCTAVE LEVEL	((*)
1320	FX4 OCTAVE BASS	-20CT	((*)
1321	FX4 OCTAVE BASS	-10CT	((*)
1322	FX4 OCTAVE BASS	DIRECT LEVEL	((*)
1323	FX4 OVERTONE	LOWER LEVEL	((*)
1324	FX4 OVERTONE	UPPER LEVEL	((*)
1325	FX4 OVERTONE	UNISON LEVEL	((*)
1326	FX4 OVERTONE	DIRECT LEVEL	((*)
1327	FX4 OVERTONE	DETUNE	((*)
1328	FX4 OVERTONE	LOW	((*)
1329	FX4 OVERTONE	HIGH	((*)
1330	FX4 OVERTONE	OUTPUT MODE	((*)
1331	FX4 PAN	RATE	((*)
1332	FX4 PAN	DEPTH	((*)
1333	FX4 PAN	WAVEFORM	((*)
1334	FX4 PAN	EFFECT LEVEL	((*)
1335	FX4 PAN	DIRECT MIX	((*)
1336	FX4 PHASER	TYPE	((*)
1337	FX4 PHASER	STAGE	((*)
1338	FX4 PHASER	RATE	((*)
1339	FX4 PHASER	DEPTH	((*)
1340	FX4 PHASER	RESONANCE	((*)
1341	FX4 PHASER	MANUAL	((*)
1342	FX4 PHASER	LOW DAMP	((*)
1343	FX4 PHASER	HIGH DAMP	((*)
1344	FX4 PHASER	LOW CUT	((*)
1345	FX4 PHASER	HIGH CUT	((*)
1346	FX4 PHASER	B1-PHASE	((*)
1347	FX4 PHASER	WAVEFORM	((*)
1348	FX4 PHASER	STEP RATE	((*)
1349	FX4 PHASER	SEPARATION	((*)
1350	FX4 PHASER	EFFECT LEVEL	((*)
1351	FX4 PHASER	DIRECT MIX	((*)
1352	FX4 PITCH SHIFTER	VOICE	((*)
1353	FX4 PITCH SHIFTER	PS1 PITCH	((*)
1354	FX4 PITCH SHIFTER	PS1 FINE	((*)
1355	FX4 PITCH SHIFTER	PS1 FEEDBACK	((*)
1356	FX4 PITCH SHIFTER	PS1 PRE-DELAY	((*)
1357	FX4 PITCH SHIFTER	PS1 LEVEL	((*)
1358	FX4 PITCH SHIFTER	PS1 MODE	((*)
1359	FX4 PITCH SHIFTER	PS2 PITCH	((*)
1360	FX4 PITCH SHIFTER	PS2 FINE	((*)
1361	FX4 PITCH SHIFTER	PS2 PRE-DELAY	((*)
1362	FX4 PITCH SHIFTER	PS2 LEVEL	((*)
1363	FX4 PITCH SHIFTER	PS2 MODE	((*)
1364	FX4 PITCH SHIFTER	DIRECT LEVEL	((*)
1365	FX4 RING MOD	INTELLIGENT	((*)
1366	FX4 RING MOD	FREQUENCY	((*)
1367	FX4 RING MOD	FREQ MOD RATE	((*)
1368	FX4 RING MOD	FREQ MOD DEPTH	((*)
1369	FX4 RING MOD	EFFECT LEVEL	((*)
1370	FX4 RING MOD	DIRECT MIX	((*)
1371	FX4 ROTARY	SPEED SELECT	((*)
1372	FX4 ROTARY	SLOW RATE	((*)
1373	FX4 ROTARY	FAST RATE	((*)
1374	FX4 ROTARY	RISE TIME	((*)
1375	FX4 ROTARY	FALL TIME	((*)
1376	FX4 ROTARY	MIC DISTANCE	((*)
1377	FX4 ROTARY	ROTOR HORN	((*)
1378	FX4 ROTARY	DRIVE	((*)
1379	FX4 ROTARY	EFFECT LEVEL	((*)
1380	FX4 ROTARY	DIRECT MIX	((*)
1381	FX4 SITAR SIM	SENS	((*)
1382	FX4 SITAR SIM	DEPTH	((*)
1383	FX4 SITAR SIM	RESONANCE	((*)
1384	FX4 SITAR SIM	BUZZ	((*)
1385	FX4 SITAR SIM	tone	((*)
1386	FX4 SITAR SIM	EFFECT LEVEL	((*)
1387	FX4 SITAR SIM	DIRECT MIX	((*)
1388	FX4 SLICER	PATTERN	((*)
1389	FX4 SLICER	RATE	((*)
1390	FX4 SLICER	ATTACK	((*)

#	Category	Target	
1391	FX4 SLICER	DUTY	[(*)
1392	FX4 SLICER	TRIGGER	[(*)
1393	FX4 SLICER	EFFECT LEVEL	[(*)
1394	FX4 SLICER	DIRECT MIX	[(*)
1395	FX4 SLOW GEAR	SENS	[(*)
1396	FX4 SLOW GEAR	RISE TIME	[(*)
1397	FX4 SLOW GEAR	LEVEL	[(*)
1398	FX4 SLOW GEAR BASS	SENS	[(*)
1399	FX4 SLOW GEAR BASS	RISE TIME	[(*)
1400	FX4 SLOW GEAR BASS	LEVEL	[(*)
1401	FX4 SOUND HOLD	TRIGGER	[(*)
1402	FX4 SOUND HOLD	RISE TIME	[(*)
1403	FX4 SOUND HOLD	EFFECT LEVEL	[(*)
1404	FX4 S-BEND	TRIGGER	[(*)
1405	FX4 S-BEND	PITCH	[(*)
1406	FX4 S-BEND	RISE TIME	[(*)
1407	FX4 S-BEND	FALL TIME	[(*)
1408	FX4 TOUCH WAH	FILTER MODE	[(*)
1409	FX4 TOUCH WAH	POLARITY	[(*)
1410	FX4 TOUCH WAH	SENS	[(*)
1411	FX4 TOUCH WAH	FREQUENCY	[(*)
1412	FX4 TOUCH WAH	RESONANCE	[(*)
1413	FX4 TOUCH WAH	DECAY	[(*)
1414	FX4 TOUCH WAH	EFFECT LEVEL	[(*)
1415	FX4 TOUCH WAH	DIRECT MIX	[(*)
1416	FX4 TOUCH WAH BASS	FILTER MODE	[(*)
1417	FX4 TOUCH WAH BASS	POLARITY	[(*)
1418	FX4 TOUCH WAH BASS	SENS	[(*)
1419	FX4 TOUCH WAH BASS	FREQUENCY	[(*)
1420	FX4 TOUCH WAH BASS	RESONANCE	[(*)
1421	FX4 TOUCH WAH BASS	DECAY	[(*)
1422	FX4 TOUCH WAH BASS	EFFECT LEVEL	[(*)
1423	FX4 TOUCH WAH BASS	DIRECT MIX	[(*)
1424	FX4 TREMOLO	RATE	[(*)
1425	FX4 TREMOLO	DEPTH	[(*)
1426	FX4 TREMOLO	WAVEFORM	[(*)
1427	FX4 TREMOLO	TRIGGER	[(*)
1428	FX4 TREMOLO	RISE TIME	[(*)
1429	FX4 TREMOLO	EFFECT LEVEL	[(*)
1430	FX4 TREMOLO	DIRECT MIX	[(*)
1431	FX4 VIBRATO	RATE	[(*)
1432	FX4 VIBRATO	DEPTH	[(*)
1433	FX4 VIBRATO	COLOR	[(*)
1434	FX4 VIBRATO	TRIGGER	[(*)
1435	FX4 VIBRATO	RISE TIME	[(*)
1436	FX4 VIBRATO	EFFECT LEVEL	[(*)
1437	FX4 VIBRATO	DIRECT MIX	[(*)
1438	MIXER 1	CH A LEVEL	
1439	MIXER 1	CH B LEVEL	
1440	MIXER 2	CH A LEVEL	
1441	MIXER 2	CH B LEVEL	
1442	MIXER 3	CH A LEVEL	
1443	MIXER 3	CH B LEVEL	
1444	PEDAL FX BEND	PITCH MIN	
1446	MASTER DELAY REVERSE	AUTO TRIGGER	
1447	MASTER DELAY GLITCH	DUTY	
1448	MASTER DELAY SDE-3000	FILTER	
1449	MASTER DELAY SDE-3000	TIME X2	
1450	MASTER DELAY SDE-3000	DELAY PHASE	
1451	MASTER DELAY SDE-3000	FEEDBACK PHASE	
1452	MASTER DELAY DD-20	tone	
1453	FX1 MST.FX	TYPE	
1454	FX1 MST.FX	DYNAMICS	
1455	FX1 MST.FX	tone	
1456	FX1 MST.FX	NATURAL	
1457	FX2 MST.FX	TYPE	
1458	FX2 MST.FX	DYNAMICS	
1459	FX2 MST.FX	tone	
1460	FX2 MST.FX	NATURAL	
1461	FX3 MST.FX	TYPE	
1462	FX3 MST.FX	DYNAMICS	
1463	FX3 MST.FX	tone	
1464	FX3 MST.FX	NATURAL	
1465	FX4 MST.FX	TYPE	[(*)
1466	FX4 MST.FX	DYNAMICS	[(*)
1467	FX4 MST.FX	tone	[(*)
1468	FX4 MST.FX	NATURAL	[(*)

* [StompBoxName]			
Offset	Address	Description	
00 00	0aaa aaaa	Name	(32 - 126)
00 01	0aaa aaaa	Name	(32 - 126)
00 02	0aaa aaaa	Name	(32 - 126)
00 03	0aaa aaaa	Name	(32 - 126)
00 04	0aaa aaaa	Name	(32 - 126)
00 05	0aaa aaaa	Name	(32 - 126)
00 06	0aaa aaaa	Name	(32 - 126)
00 07	0aaa aaaa	Name	(32 - 126)
00 08	0aaa aaaa	Name	(32 - 126)
00 09	0aaa aaaa	Name	(32 - 126)
00 0A	0aaa aaaa	Name	(32 - 126)
00 0B	0aaa aaaa	Name	(32 - 126)
00 0C	0aaa aaaa	Name	(32 - 126)
00 0D	0aaa aaaa	Name	(32 - 126)
00 0E	0aaa aaaa	Name	(32 - 126)
00 0F	0aaa aaaa	Name	(32 - 126)
00 00 00 10	Total Size		

* [SystemEfct]			
Offset	Address	Description	
00 00	0000 000a	PHRASE LOOP:MODE	(0 - 1)
00 01	0000 000a	PHRASE LOOP:REC ACTION	MONO, STEREO (0 - 1)
00 02	0aaa aaaa	METRONOME LEVEL	REC>PLAY>DUB, REC>DUB>PLAY (0 - 100)
00 03	0000 0aaa	MAIN:GROUND LIFT(+)	(0 - 5)
00 04	0000 00aa	TOTAL:METRONOME OUT(*)	1, 2, 3, 4, 5, 6 (0 - 2)
00 05	0000 0000	N/A(fixed value)	MAIN OUT, SUB OUT, MAIN+SUB (0)
00 06	0000 0000	N/A(fixed value)	(0)
00 07	0000 0000	N/A(fixed value)	(0)
00 08	0000 0000	N/A(fixed value)	(0)
00 09	0000 000a	OUTPUT:GROUND LIFT(**)	(0 - 1)
00 0A	0000 00aa	SEND RETURN:GROUND LIFT(**)	GND, LIFT (0 - 2)
			TYPE1, TYPE2, TYPE3
00 00 00 0B	Total Size		

\* [SystemInOut]

Offset	Address	Description
00 00	00aa aaaa	INPUT LEVEL (12 - 52) -20 - 0 - +20 [dB]
00 01	00aa aaaa	MAIN:AIRD OUTPUT SELECT (0 - 42) LINE/PHONES, RECORDING, JC-120 RETURN, JC-120 INPUT, Blues Cube Tour410 RETURN, Blues Cube Artist212 INPUT, Blues Cube Artist212 RETURN, Blues Cube Artist212 INPUT, WAZA Amp 412 RETURN, WAZA Amp 412 INPUT, WAZA Amp 212 RETURN, WAZA Amp 212 INPUT, KATANA-100/212 RETURN, KATANA-100/212 INPUT, KATANA-100 RETURN, KATANA-100 INPUT, TUBE COMBO 212 RETURN, TUBE COMBO 212 INPUT, TUBE COMBO 112 RETURN, TUBE COMBO 112 INPUT, TUBE STACK 412 RETURN, TUBE STACK 412 INPUT, USER 1, USER 2, KATANA-50 INPUT, NEXTONE-Artist RETURN, NEXTONE-Stage RETURN, MUSTANG 212 RETURN, Hot Rod Deluxe RETURN, Twin Reverb INPUT, AC30 INPUT, JCM2000 412 RETURN, JVM410H 412 RETURN, Rectifier 412 RETURN, TriAmp 412 RETURN, BASS AMP WITH TWEETER, BASS AMP NO TWEETER, KATANA-100/212 MkII POWER AMP IN, KATANA-100 MkII POWER AMP IN, KATANA-50 MkII POWER AMP IN, KATANA-100/212 GEN 3 POWER AMP IN, KATANA-100 GEN 3 POWER AMP IN, KATANA-50 GEN 3 POWER AMP IN
00 02	00aa aaaa	MAIN R:AIRD OUTPUT SELECT (0 - 42) LINE/PHONES, RECORDING, JC-120 RETURN, JC-120 INPUT, Blues Cube Tour410 RETURN, Blues Cube Artist212 INPUT, Blues Cube Artist212 RETURN, Blues Cube Artist212 INPUT, WAZA Amp 412 RETURN, WAZA Amp 412 INPUT, WAZA Amp 212 RETURN, WAZA Amp 212 INPUT, KATANA-100/212 RETURN, KATANA-100/212 INPUT, KATANA-100 RETURN, KATANA-100 INPUT, TUBE COMBO 212 RETURN, TUBE COMBO 212 INPUT, TUBE COMBO 112 RETURN, TUBE COMBO 112 INPUT, TUBE STACK 412 RETURN, TUBE STACK 412 INPUT, USER 1, USER 2, KATANA-50 INPUT, NEXTONE-Artist RETURN, NEXTONE-Stage RETURN, MUSTANG 212 RETURN, Hot Rod Deluxe RETURN, Twin Reverb INPUT, AC30 INPUT, JCM2000 412 RETURN, JVM410H 412 RETURN, Rectifier 412 RETURN, TriAmp 412 RETURN, BASS AMP WITH TWEETER, BASS AMP NO TWEETER, KATANA-100/212 MkII POWER AMP IN, KATANA-100 MkII POWER AMP IN, KATANA-50 MkII POWER AMP IN, KATANA-100/212 GEN 3 POWER AMP IN, KATANA-100 GEN 3 POWER AMP IN, KATANA-50 GEN 3 POWER AMP IN
00 03	00aa aaaa	MAIN L:LOW GAIN (12 - 52)
00 04	00aa aaaa	MAIN L:MID GAIN (12 - 52)
00 05	000a aaaa	MAIN L:MID FREQ (0 - 29) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz
00 06	0000 0aaa	MAIN L:MID Q (0 - 5) 0.5, 1, 2, 4, 8, 16
00 07	00aa aaaa	MAIN L:HIG GAIN (12 - 52)
00 08	000a aaaa	MAIN L:LOW CUT (0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 09	000a aaaa	MAIN L:HIG CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 0A	00aa aaaa	MAIN R:LOW GAIN (12 - 52)
00 0B	00aa aaaa	MAIN R:MID GAIN (12 - 52)
00 0C	000a aaaa	MAIN R:MID FREQ (0 - 29) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz
00 0D	0000 0aaa	MAIN R:MID Q (0 - 5) 0.5, 1, 2, 4, 8, 16
00 0E	00aa aaaa	MAIN R:HIG GAIN (12 - 52)
00 0F	000a aaaa	MAIN R:LOW CUT (0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz

Offset	Address	Description
00 10	000a aaaa	MAIN R:HIG CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 11	00aa aaaa	SUB:AIRD OUTPUT SELECT (0 - 42) LINE/PHONES, RECORDING, JC-120 RETURN, JC-120 INPUT, Blues Cube Tour410 RETURN, Blues Cube Artist212 INPUT, Blues Cube Artist212 RETURN, Blues Cube Artist212 INPUT, WAZA Amp 412 RETURN, WAZA Amp 412 INPUT, WAZA Amp 212 RETURN, WAZA Amp 212 INPUT, KATANA-100/212 RETURN, KATANA-100/212 INPUT, KATANA-100 RETURN, KATANA-100 INPUT, TUBE COMBO 212 RETURN, TUBE COMBO 212 INPUT, TUBE COMBO 112 RETURN, TUBE COMBO 112 INPUT, TUBE STACK 412 RETURN, TUBE STACK 412 INPUT, USER 1, USER 2, KATANA-50 INPUT, NEXTONE-Artist RETURN, NEXTONE-Stage RETURN, MUSTANG 212 RETURN, Hot Rod Deluxe RETURN, Twin Reverb INPUT, AC30 INPUT, JCM2000 412 RETURN, JVM410H 412 RETURN, Rectifier 412 RETURN, TriAmp 412 RETURN, BASS AMP WITH TWEETER, BASS AMP NO TWEETER, KATANA-100/212 MkII POWER AMP IN, KATANA-100 MkII POWER AMP IN, KATANA-50 MkII POWER AMP IN, KATANA-100/212 GEN 3 POWER AMP IN, KATANA-100 GEN 3 POWER AMP IN, KATANA-50 GEN 3 POWER AMP IN
00 12	00aa aaaa	SUB R:AIRD OUTPUT SELECT (0 - 42) LINE/PHONES, RECORDING, JC-120 RETURN, JC-120 INPUT, Blues Cube Tour410 RETURN, Blues Cube Artist212 INPUT, Blues Cube Artist212 RETURN, Blues Cube Artist212 INPUT, WAZA Amp 412 RETURN, WAZA Amp 412 INPUT, WAZA Amp 212 RETURN, WAZA Amp 212 INPUT, KATANA-100/212 RETURN, KATANA-100/212 INPUT, KATANA-100 RETURN, KATANA-100 INPUT, TUBE COMBO 212 RETURN, TUBE COMBO 212 INPUT, TUBE COMBO 112 RETURN, TUBE COMBO 112 INPUT, TUBE STACK 412 RETURN, TUBE STACK 412 INPUT, USER 1, USER 2, KATANA-50 INPUT, NEXTONE-Artist RETURN, NEXTONE-Stage RETURN, MUSTANG 212 RETURN, Hot Rod Deluxe RETURN, Twin Reverb INPUT, AC30 INPUT, JCM2000 412 RETURN, JVM410H 412 RETURN, Rectifier 412 RETURN, TriAmp 412 RETURN, BASS AMP WITH TWEETER, BASS AMP NO TWEETER, KATANA-100/212 MkII POWER AMP IN, KATANA-100 MkII POWER AMP IN, KATANA-50 MkII POWER AMP IN, KATANA-100/212 GEN 3 POWER AMP IN, KATANA-100 GEN 3 POWER AMP IN, KATANA-50 GEN 3 POWER AMP IN
00 13	00aa aaaa	SUB L:LOW GAIN (12 - 52)
00 14	00aa aaaa	SUB L:MID GAIN (12 - 52)
00 15	000a aaaa	SUB L:MID FREQ (0 - 29) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz
00 16	0000 0aaa	SUB L:MID Q (0 - 5) 0.5, 1, 2, 4, 8, 16
00 17	00aa aaaa	SUB L:HIG GAIN (12 - 52)
00 18	000a aaaa	SUB L:LOW CUT (0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 19	000a aaaa	SUB L:HIG CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 1A	00aa aaaa	SUB R:LOW GAIN (12 - 52)
00 1B	00aa aaaa	SUB R:MID GAIN (12 - 52)
00 1C	000a aaaa	SUB R:MID FREQ (0 - 29) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz
00 1D	0000 0aaa	SUB R:MID Q (0 - 5) 0.5, 1, 2, 4, 8, 16
00 1E	00aa aaaa	SUB R:HIG GAIN (12 - 52)

Offset	Address	Description	
00 1F	000a aaaa	SUB R:LOW CUT	(0 - 31)
		FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz	
00 20	000a aaaa	SUB R:HIGH CUT	(0 - 31)
		20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT	
00 21	0000 00aa	PHONES SETTING	(0 - 2)
		MAIN OUT, SUB OUT, MAIN+SUB	
00 22	00aa aaaa	TOTAL:NS THRESHOLD	(12 - 52)
			-20 - 0 - +20 [dB]
#	00 23	0000 aaaa	(0 - 200)
	00 24	0000 bbbb	0 - 200 [%]
	00 25	0000 000a	MAIN:LEVEL SELECT(*)
			(0 - 1)
#	00 26	0000 aaaa	(0 - 200)
	00 27	0000 bbbb	USB DRY:OUT
			0 - 200 [%]
#	00 28	0000 aaaa	(0 - 200)
	00 29	0000 bbbb	USB DRY:TO EFX
			0 - 200 [%]
	00 2A	0000 000a	N/A(fixed value)
			(1)
#	00 2B	0000 aaaa	(0 - 200)
	00 2C	0000 bbbb	USB MAIN:EFX OUT
			0 - 200 [%]
#	00 2D	0000 aaaa	(0 - 200)
	00 2E	0000 bbbb	USB MAIN:MIX LEVEL
			0 - 200 [%]
	00 2F	0000 000a	N/A(fixed value)
			(1)
#	00 30	0000 aaaa	(0 - 200)
	00 31	0000 bbbb	USB SUB:EFX OUT
			0 - 200 [%]
#	00 32	0000 aaaa	(0 - 200)
	00 33	0000 bbbb	USB SUB:MIX LEVEL
			0 - 200 [%]
	00 34	0000 000a	N/A(fixed value)
			(1)
#	00 35	0000 aaaa	(200)
	00 36	0000 bbbb	N/A(fixed value)
			(200)
#	00 37	0000 aaaa	(1)
	00 38	0000 bbbb	N/A(fixed value)
			(200)
	00 39	0000 000a	N/A(fixed value)
			(1)
	00 3A	0000 000a	SUB:LEVEL SELECT(*)
			(0 - 1)
			-10dBu, +4dBu
	00 3B	0aaa aaaa	SUB:OUTPUT LEVEL
			(0 - 100)
	00 3C	0000 000a	SUB:GROUND LIFT(*)
			(0 - 1)
			OFF, ON
	00 3D	0000 000a	MAIN:STEREO LINK
			(0 - 1)
			OFF, ON
	00 3E	0000 000a	SUB:STEREO LINK
			(0 - 1)
			OFF, ON
	00 3F	00aa aaaa	MAIN L:LEVEL
			(12 - 52)
			[dB]
	00 40	00aa aaaa	MAIN R:LEVEL
			(12 - 52)
			[dB]
	00 41	00aa aaaa	SUB L:LEVEL
			(12 - 52)
			[dB]
	00 42	00aa aaaa	SUB R:LEVEL
			(12 - 52)
			[dB]
	00 43	0000 00aa	SEND1 SETTING(**)
			(0 - 2)
			SEND, SUB OUT, SUB OUT AUX MUTE
	00 44	0000 00aa	SEND2 SETTING(**)
			(0 - 2)
			SEND, SUB OUT, SUB OUT AUX MUTE
00 00 00 45		Total Size	

\* [SetupEfct]

Offset	Address	Description	
00 00	0000 000a	N/A(fixed value)	(1)
00 01	0000 000a	MAIN:DIR MON	(0 - 1)
			OFF, ON
00 02	0000 000a	SUB:DIR MON	(0 - 1)
			OFF, ON
00 03	00aa aaaa	INPUT LEVEL R("INPUT" on GT-10000)	(12 - 52)
			[dB]
00 04	00aa aaaa	INPUT LEVEL L(**)	(12 - 52)
			[dB]
00 05	0000 000a	INPUT_L_SW(**)	(0 - 1)
			OFF, ON
00 00 00 06		Total Size	

\* [SystemPitch]

Offset	Address	Description	
#	00 00	0000 aaaa	(435 - 445)
	00 01	0000 bbbb	435 - 445 [Hz]
	00 02	0000 cccc	(0 - 5)
	00 03	0000 dddd	REFERENCE PITCH
			6-REGULAR, 6-DROP D, 7-REGULAR, 7-DROP A, 4-B REGULAR, 5-B REGULAR
	00 04	0000 0aaa	POLY TUNER TYPE
			(11 - 16)
	00 05	000a aaaa	POLY TUNER OFFSET
			-5, -4, -3, -2, -1, ----
	00 06	0000 00aa	TUNER OUTPUT
			(0 - 2)
			MUTE, BYPASS, THRU
00 00 00 07		Total Size	

\* [PatchEfect]

Offset	Address	Description
#	00 00	0000 aaaa
	00 01	0000 bbbb
	00 02	0000 cccc
	00 03	0000 dddd FOOT VOLUME:VOLUME MIN (0 - 1000) 0.0 - 100.0
#	00 04	0000 aaaa
	00 05	0000 bbbb
	00 06	0000 cccc
	00 07	0000 dddd FOOT VOLUME:VOLUME MAX (0 - 1000) 0.0 - 100.0
#	00 08	0000 aaaa
	00 09	0000 bbbb
	00 0A	0000 cccc
	00 0B	0000 dddd FOOT VOLUME:PEDAL POSITION (0 - 1000) 0.0 - 100.0
	00 0C	0000 00aa FOOT VOLUME:VOLUME CURVE (0 - 3)
	00 0D	0000 000a DIV1:MODE SLOW1, SLOW2, NORMAL, FAST (0 - 1)
	00 0E	0000 000a DIV1:CH SELECT SINGLE, DUAL (0 - 1)
	00 0F	0000 00aa DIV1 A:DYNAMIC A, B (0 - 2)
	00 10	0aaa aaaa DIV1 A:DYNA SENS OFF, POLAR+, POLAR- (0 - 100)
	00 11	0000 00aa DIV1 A:FILTER OFF, LPF, HPF (0 - 2)
	00 12	000a aaaa DIV1 A:CUTOFF FREQ (0 - 16) 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz
	00 13	0000 00aa DIV1 B:DYNAMIC (0 - 2)
	00 14	0aaa aaaa DIV1 B:DYNA SENS OFF, POLAR+, POLAR- (0 - 100)
	00 15	0000 00aa DIV1 B:FILTER OFF, LPF, HPF (0 - 2)
	00 16	000a aaaa DIV1 B:CUTOFF FREQ (0 - 16) 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz
	00 17	0000 000a MIX1:MODE (0 - 1)
	00 18	0aaa aaaa MIX1:A/B BALANCE STEREO, PAN L/R (0 - 100) 100:0, 100:2 - 100:100 - 2:100, 0:100
	00 19	0aaa aaaa MIX1:SPREAD (0 - 100)
	00 1A	0000 000a DIV2:MODE (0 - 1)
	00 1B	0000 000a DIV2:CH SELECT SINGLE, DUAL (0 - 1)
	00 1C	0000 00aa DIV2 A:DYNAMIC A, B (0 - 2)
	00 1D	0aaa aaaa DIV2 A:DYNA SENS OFF, POLAR+, POLAR- (0 - 100)
	00 1E	0000 00aa DIV2 A:FILTER OFF, LPF, HPF (0 - 2)
	00 1F	000a aaaa DIV2 A:CUTOFF FREQ (0 - 16) 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz
	00 20	0000 00aa DIV2 B:DYNAMIC (0 - 2)
	00 21	0aaa aaaa DIV2 B:DYNA SENS OFF, POLAR+, POLAR- (0 - 100)
	00 22	0000 00aa DIV2 B:FILTER OFF, LPF, HPF (0 - 2)
	00 23	000a aaaa DIV2 B:CUTOFF FREQ (0 - 16) 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz
	00 24	0000 000a MIX2:MODE (0 - 1)
	00 25	0aaa aaaa MIX2:A/B BALANCE STEREO, PAN L/R (0 - 100) 100:0, 100:2 - 100:100 - 2:100, 0:100
	00 26	0aaa aaaa MIX2:SPREAD (0 - 100)
	00 27	0000 000a DIV3:MODE (0 - 1)
	00 28	0000 000a DIV3:CH SELECT SINGLE, DUAL (0 - 1)
	00 29	0000 00aa DIV3 A:DYNAMIC A, B (0 - 2)
	00 2A	0aaa aaaa DIV3 A:DYNA SENS OFF, POLAR+, POLAR- (0 - 100)
	00 2B	0000 00aa DIV3 A:FILTER OFF, LPF, HPF (0 - 2)
	00 2C	000a aaaa DIV3 A:CUTOFF FREQ (0 - 16) 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz
	00 2D	0000 00aa DIV3 B:DYNAMIC (0 - 2)
	00 2E	0aaa aaaa DIV3 B:DYNA SENS OFF, POLAR+, POLAR- (0 - 100)
	00 2F	0000 00aa DIV3 B:FILTER OFF, LPF, HPF (0 - 2)
	00 30	000a aaaa DIV3 B:CUTOFF FREQ (0 - 16) 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz
	00 31	0000 000a MIX3:MODE (0 - 1)
	00 32	0aaa aaaa MIX3:A/B BALANCE STEREO, PAN L/R (0 - 100) 100:0, 100:2 - 100:100 - 2:100, 0:100
	00 33	0aaa aaaa MIX3:SPREAD (0 - 100)
	00 34	0000 000a SEND/RETURN 1/2:STEREO LINK (0 - 1)
	00 35	0000 000a SEND/RETURN 1:ON/OFF OFF, ON (0 - 1)
	00 36	0000 00aa SEND/RETURN 1:MODE OFF, ON (0 - 2)
	00 37	0000 aaaa NORMAL, DIRECT MIX, BRANCH OUT

Offset	Address	Description
#	00 38	0000 bbbb SEND/RETURN 1:SEND LEVEL (0 - 200)
	00 39	0000 aaaa
	00 3A	0000 bbbb SEND/RETURN 1:RETURN LEVEL (0 - 200)
	00 3B	0aaa aaaa SEND/RETURN 1:ADJUST (0 - 100)
	00 3C	0000 000a SEND/RETURN 2:ON/OFF (0 - 1)
	00 3D	0000 00aa SEND/RETURN 2:MODE OFF, ON (0 - 2)
	00 3E	0000 aaaa NORMAL, DIRECT MIX, BRANCH OUT
#	00 3F	0000 bbbb SEND/RETURN 2:SEND LEVEL (0 - 200)
	00 40	0000 aaaa
	00 41	0000 bbbb SEND/RETURN 2:RETURN LEVEL (0 - 200)
	00 42	0aaa aaaa SEND/RETURN 2:ADJUST (0 - 100)
	00 43	0000 000a N/A(fixed value) (1)
	00 44	0aaa aaaa LOOPER:PLAY LEVEL (0 - 100)
	00 45	0000 000a MAIN:STEREO LINK (0 - 1)
	00 46	00aa aaaa MAIN L:SP TYPE OFF, ORIGINAL, 1x8", 1x10", 1x12", 2x12", 4x10", 4x12", 8x12", USER 1, USER 2, USER 3, USER 4, B1x15", B1x18", B2x15", B4x10", B8x10", USER 5 - USER16, 1x12" 2, 2x12" 2, 2x12" 3, 2x12" 4, 2x12" 5, 4x10" 2, 4x12" 2, 4x12" 3, 4x12" 4, 4x12" 5 (0 - 39)
	00 47	0000 aaaa MAIN L:MIC TYPE DYN57, DYN421, CND451, CND87, FLAT, RBN121, BLEND A, BLEND B, BLEND C (0 - 8)
	00 48	0000 00aa MAIN L:MIC DISTANCE SHORT, MEDIUM, LONG (0 - 2)
	00 49	0000 aaaa MAIN L:MIC POSITION (0 - 10)
	00 4A	0aaa aaaa MAIN L:MIC LEVEL CENTER, 1cm - 10cm (0 - 100)
	00 4B	0aaa aaaa MAIN L:DIRECT MIX (0 - 100)
	00 4C	00aa aaaa MAIN R:SP TYPE OFF, ORIGINAL, 1x8", 1x10", 1x12", 2x12", 4x10", 4x12", 8x12", USER 1, USER 2, USER 3, USER 4, B1x15", B1x18", B2x15", B4x10", B8x10", USER 5 - USER16, 1x12" 2, 2x12" 2, 2x12" 3, 2x12" 4, 2x12" 5, 4x10" 2, 4x12" 2, 4x12" 3, 4x12" 4, 4x12" 5 (0 - 39)
	00 4D	0000 aaaa MAIN R:MIC TYPE DYN57, DYN421, CND451, CND87, FLAT, RBN121, BLEND A, BLEND B, BLEND C (0 - 8)
	00 4E	0000 00aa MAIN R:MIC DISTANCE SHORT, MEDIUM, LONG (0 - 2)
	00 4F	0000 aaaa MAIN R:MIC POSITION (0 - 10)
	00 50	0aaa aaaa MAIN R:MIC LEVEL CENTER, 1cm - 10cm (0 - 100)
	00 51	0aaa aaaa MAIN R:DIRECT MIX (0 - 100)
	00 52	0000 000a SUB:STEREO LINK OFF, ON (0 - 1)
	00 53	00aa aaaa SUB L:SP TYPE OFF, ORIGINAL, 1x8", 1x10", 1x12", 2x12", 4x10", 4x12", 8x12", USER 1, USER 2, USER 3, USER 4, B1x15", B1x18", B2x15", B4x10", B8x10", USER 5 - USER16, 1x12" 2, 2x12" 2, 2x12" 3, 2x12" 4, 2x12" 5, 4x10" 2, 4x12" 2, 4x12" 3, 4x12" 4, 4x12" 5 (0 - 39)
	00 54	0000 aaaa SUB L:MIC TYPE DYN57, DYN421, CND451, CND87, FLAT, RBN121, BLEND A, BLEND B, BLEND C (0 - 8)
	00 55	0000 00aa SUB L:MIC DISTANCE SHORT, MEDIUM, LONG (0 - 2)
	00 56	0000 aaaa SUB L:MIC POSITION (0 - 10)
	00 57	0aaa aaaa SUB L:MIC LEVEL CENTER, 1cm - 10cm (0 - 100)
	00 58	0aaa aaaa SUB L:DIRECT MIX (0 - 100)
	00 59	00aa aaaa SUB R:SP TYPE OFF, ORIGINAL, 1x8", 1x10", 1x12", 2x12", 4x10", 4x12", 8x12", USER 1, USER 2, USER 3, USER 4, B1x15", B1x18", B2x15", B4x10", B8x10", USER 5 - USER16, 1x12" 2, 2x12" 2, 2x12" 3, 2x12" 4, 2x12" 5, 4x10" 2, 4x12" 2, 4x12" 3, 4x12" 4, 4x12" 5 (0 - 39)
	00 5A	0000 aaaa SUB R:MIC TYPE DYN57, DYN421, CND451, CND87, FLAT, RBN121, BLEND A, BLEND B, BLEND C (0 - 8)
	00 5B	0000 00aa SUB R:MIC DISTANCE SHORT, MEDIUM, LONG (0 - 2)
	00 5C	0000 aaaa SUB R:MIC POSITION (0 - 10)
	00 5D	0aaa aaaa SUB R:MIC LEVEL CENTER, 1cm - 10cm (0 - 100)
	00 5E	0aaa aaaa SUB R:DIRECT MIX (0 - 100)
#	00 5F	0000 aaaa
#	00 60	0000 bbbb MASTER:PATCH LEVEL (0 - 200)
	00 61	0000 aaaa
	00 62	0000 bbbb
	00 63	0000 cccc
	00 64	0000 dddd MASTER:BPM (400 - 2500)
	00 65	0000 aaaa MASTER:KEY (0 - 11) C(Am), Db(Bbm), D(Bm), Eb(Cm), E(C#m), F(Dm), F#(D#m), G(Em), Ab(Fm), A(F#m), Bb(Gm), B(G#m)
	00 66	0000 000a MASTER:AMP CTL1 (0 - 1)
	00 67	0000 000a MASTER:AMP CTL2 OFF, ON (0 - 1)

Offset	Address	Description	
00 68	00aa aaaa	CHAIN ELEMENT1	(0 - 48) *4
00 69	00aa aaaa	CHAIN ELEMENT2	(0 - 48) *4
:			
01 18	00aa aaaa	CHAIN ELEMENT49	(0 - 48) *4
		From "CHAIN ELEMENT1" to "CHAIN ELEMENT49" are group parameters. The DT1 to each parameter is temporarily suspended, and the DT1 to the group parameter final address automatically checks the pending parameters, and if there is no problem, the value is set. If the value is incomplete it will not be set. Parameters before set are read out for the RQ1 to pending parameters. Pending values can not be read.	
01 19	0000 000a	MASTER:CARRYOVER	(0 - 1) OFF, ON

Offset	Address	Description	
01 1A	0000 000a	CONTROL/ASSIGN:TEMPO HOLD	(0 - 1) OFF, ON
01 1B	0aaa aaaa	CONTROL/ASSIGN:INPUT SENS	(0 - 100)
01 1C	0000 000a	BASS MODE	(0 - 1) OFF, ON
01 1D	0000 000a	FX EXPANSION(+)	(0 - 1) OFF, ON
01 1E	0000 000a	MAIN CH SELECT(+)	(0 - 1) L, R
01 1F	0000 000a	SUB CH SELECT(+)	(0 - 1) L, R
01 20	0000 000a	ROUTING(**)	(0 - 1) STEREO, SELECTOR
00 00 01 21	Total Size		

\*4 CHAIN ELEMENT TABLE

val	EFFECT
0	COMPRESSOR
1	DISTORTION 1
2	DISTORTION 2
3	AIRD PREAMP 1
4	AIRD PREAMP 2
5	NOISE SUPPRESSOR 1
6	NOISE SUPPRESSOR 2
7	FX 1
8	FX 2
9	FX 3
10	EQUALIZER 1
11	EQUALIZER 2
12	EQUALIZER 3
13	EQUALIZER 4
14	CHORUS
15	DELAY 1
16	DELAY 2
17	DELAY 3
18	DELAY 4
19	MASTER DELAY
20	FX4
21	REVERB
22	FOOT VOLUME
23	PEDAL FX
24	SEND/RETURN 1
25	SEND/RETURN 2
26	LOOPER
27	SUB SP.SIMULATOR L
28	SUB SP.SIMULATOR R
29	MAIN SP.SIMULATOR L
30	MAIN SP.SIMULATOR R
31	BYPASS SUB L
32	BYPASS SUB R
33	BYPASS MAIN L
34	BYPASS MAIN R
35	DIVIDER 1
36	BRANCH SPLIT1
37	MIXER 1
38	DIVIDER 2
39	BRANCH SPLIT2
40	MIXER 2
41	DIVIDER 3
42	BRANCH SPLIT3
43	MIXER 3
44	(RESERVED)
45	SUB OUT L
46	SUB OUT R
47	MAIN OUT L
48	MAIN OUT R

- \* Each effect must not appear duplicately.
- \* The order 45th is fixed positions as values of "44".
- \* The inner divider / mixer must be placed in the A or B path of the outer divider / mixer.
- \* When SEND/RETURN 1/2:STEREO LINK is on, SEND/RETURN 2 should be placed immediately after SEND/RETURN 1.
- \* When MAIN SP. STEREO LINK is on, BYPASS MAIN R should be placed before BYPASS MAIN L,  
and MAIN OUT L and MAIN OUT R should follows just after BYPASS MAIN L.
- \* When SUB SP. STEREO LINK is on, BYPASS SUB R should be placed before BYPASS SUB L,  
and SUB OUT L and SUB OUT R should follows just after BYPASS SUB L.



## \* [PatchEfc2]

Offset	Address	Description	
00 00	0aaa aaaa	N/A(fixed value)	(127)
00 01	0aaa aaaa	MIX1 A LEVEL	(0 - 100)
00 02	0aaa aaaa	MIX1 B LEVEL	(0 - 100)
00 03	0aaa aaaa	MIX2 A LEVEL	(0 - 100)
00 04	0aaa aaaa	MIX2 B LEVEL	(0 - 100)
00 05	0aaa aaaa	MIX3 A LEVEL	(0 - 100)
00 06	0aaa aaaa	MIX3 B LEVEL	(0 - 100)
00 00 00 07	Total Size		

## \* [PatchComp]

Offset	Address	Description	
00 00	0000 000a	SW	(0 - 1) OFF, ON
00 01	0000 0aaa	TYPE	(0 - 5) BOSS COMP, X-COMP, D-COMP, ORANGE, STEREO COMP, X-BASS COMP
00 02	0aaa aaaa	SUSTAIN	(0 - 100)
00 03	0aaa aaaa	ATTACK	(0 - 100)
00 04	0aaa aaaa	LEVEL	(0 - 100)
00 05	0aaa aaaa	TONE	(14 - 114) -50 - 50
00 06	000a aaaa	RATIO	(0 - 17) 1:1, 1.2:1, 1.4:1, 1.6:1, 1.8:1, 2:1, 2.3:1, 2.6:1, 3:1, 3.5:1, 4:1, 5:1, 6:1, 8:1, 10:1, 12:1, 20:1, INF:1
00 07	0aaa aaaa	DIRECT MIX	(0 - 100)
00 08	0aaa aaaa	THRESHOLD	(0 - 100)
00 00 00 09	Total Size		

## \* [PatchDist1, PatchDist2]

Offset	Address	Description	
00 00	0000 000a	SW	(0 - 1) OFF, ON
00 01	00aa aaaa	TYPE	(0 - 36) MID BOOST, CLEAN BOOST, TREBLE BOOST, CRUNCH, NATURAL OD, WARM OD, FAT DS, LEAD DS, METAL DS, OCT FUZZ, A-DIST, X-OD, X-DIST, BLUES OD, OD-1, T-SCREAM, TURBO OD, DIST, RAT, GUV DS, DIST+, METAL ZONE, '60S FUZZ, MUFF FUZZ, CENTA OD, HM-2, METAL CORE, BASS OD, BASS DS, BASS MT, BASS FUZZ, HI BAND DRIVE, X-BASS OD, BASS DRV, BASS D1, SD-1, DS-1
00 02	0aaa aaaa	DRIVE	(0 - 120)
00 03	0aaa aaaa	TONE	(14 - 114) -50 - 50
00 04	0aaa aaaa	LEVEL	(0 - 100)
00 05	0aaa aaaa	BOTTOM	(14 - 114) -50 - 50
00 06	0aaa aaaa	DIRECT MIX	(0 - 100)
00 07	0000 000a	SOLO SW	(0 - 1) OFF, ON
00 08	0aaa aaaa	SOLO LEVEL	(0 - 100)
00 00 00 09	Total Size		

## \* [PatchPreampA, PatchPreampB]

Offset	Address	Description	
00 00	0000 000a	SW	(0 - 1) OFF, ON
00 01	000a aaaa	TYPE	(0 - 31) TRANSPARENT, NATURAL, BOUTIQUE, SUPREME, MAXIMUM, JUGGERNAUT, X-CRUNCH, X-HI GAIN, X-MODDED, JC-120, TWIN COMBO, DELUXE COMBO, TWEED COMBO, DIAMOND AMP, BRIT STACK, RECTI STACK, MATCH COMBO, IBG COMBO, ORNG STACK, BGNR UB METAL, NATURAL BASS, X-DRIVE BASS, CONCERT, X-ULTRA, X-OPTIMA, X-TITAN, STUDIO BASS, SILVER TUBE, CLASSIC BLUE, SOLID STACK, FAT TUBE, DARK DRV
00 02	0aaa aaaa	GAIN	(0 - 120)
00 03	000a aaaa	SAG	(6 - 26) -10 - 10
00 04	000a aaaa	RESONANCE	(6 - 26) -10 - 10
00 05	0aaa aaaa	LEVEL	(0 - 100)
00 06	0aaa aaaa	BASS	(0 - 100)
00 07	0aaa aaaa	MIDDLE	(0 - 100)
00 08	0aaa aaaa	TREBLE	(0 - 100)
00 09	0aaa aaaa	PRESENCE	(0 - 100)
00 0A	0000 000a	BRIGHT	(0 - 1) OFF, ON
00 0B	0000 00aa	GAIN SW	(0 - 2) LOW, MIDDLE, HIGH
00 0C	0000 000a	SOLO SW	(0 - 1) OFF, ON
00 0D	0aaa aaaa	SOLO LEVEL	(0 - 100)
00 00 00 0E	Total Size		

## \* [PatchNs1, PatchNs2]

Offset	Address	Description	
00 00	0000 000a	SW	(0 - 1) OFF, ON
00 01	0aaa aaaa	THRESHOLD	(0 - 100)
00 02	0aaa aaaa	RELEASE	(0 - 100)
00 03	0000 00aa	DETECT	(0 - 2) INPUT, NS INPUT, FV OUT
00 00 00 04	Total Size		

## \* [PatchEq1, PatchEq2, PatchEq3, PatchEq4]

Offset	Address	Description	
00 00	0000 000a	SW	(0 - 1) OFF, ON
00 01	0000 000a	TYPE	(0 - 1) PARAMETRIC, GRAPHIC
00 02	00aa aaaa	LOW GAIN	(12 - 52) -20 - 0 - +20 [dB]
00 03	00aa aaaa	HIGH GAIN	(12 - 52) -20 - 0 - +20 [dB]
00 04	00aa aaaa	LEVEL	(12 - 52) -20 - 0 - +20 [dB]
00 05	000a aaaa	LOW-MID FREQ	(0 - 29) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz
00 06	0000 0aaa	LOW-MID Q	(0 - 5) 0.5, 1, 2, 4, 8, 16
00 07	00aa aaaa	LOW-MID GAIN	(12 - 52) -20 - 0 - +20 [dB]
00 08	000a aaaa	HIGH-MID FREQ	(0 - 29) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz
00 09	0000 0aaa	HIGH-MID Q	(0 - 5) 0.5, 1, 2, 4, 8, 16
00 0A	00aa aaaa	HIGH-MID GAIN	(12 - 52) -20 - 0 - +20 [dB]
00 0B	000a aaaa	LOW CUT	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 0C	000a aaaa	HIGH CUT	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 0D	00aa aaaa	LEVEL	(12 - 52) -20 - 0 - +20 [dB]
00 0E	00aa aaaa	31.5Hz	(12 - 52) -20 - 0 - +20 [dB]
00 0F	00aa aaaa	63Hz	(12 - 52) -20 - 0 - +20 [dB]
00 10	00aa aaaa	125Hz	(12 - 52) -20 - 0 - +20 [dB]
00 11	00aa aaaa	250Hz	(12 - 52) -20 - 0 - +20 [dB]
00 12	00aa aaaa	500Hz	(12 - 52) -20 - 0 - +20 [dB]
00 13	00aa aaaa	1kHz	(12 - 52) -20 - 0 - +20 [dB]
00 14	00aa aaaa	2kHz	(12 - 52) -20 - 0 - +20 [dB]
00 15	00aa aaaa	4kHz	(12 - 52) -20 - 0 - +20 [dB]
00 16	00aa aaaa	8kHz	(12 - 52) -20 - 0 - +20 [dB]
00 17	00aa aaaa	16kHz	(12 - 52) -20 - 0 - +20 [dB]
00 00 00 18	Total Size		

\* [PatchDelay1, PatchDelay2, PatchDelay3, PatchDelay4]

Offset	Address	Description
	00 00	0000 000a SW (0 - 1) OFF, ON
#	00 01	0000 aaaa
	00 02	0000 bbbb
	00 03	0000 cccc
	00 04	0000 dddd TIME (1 - 2018) 1ms - 2000ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote
	00 05	0aaa aaaa FEEDBACK (0 - 100)
	00 06	000a aaaa HIGH CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
	00 07	0aaa aaaa EFFECT LEVEL (0 - 120)
	00 08	0aaa aaaa DIRECT LEVEL (0 - 100)
	00 00 00 09	Total Size

\* [PatchMstDelay]

Offset	Address	Description
	00 00	0000 000a SW (0 - 1) OFF, ON
	00 01	000a aaaa TYPE (0 - 19) MONO, PAN, STEREO1, STEREO2, ANALOG, ANALOG ST, TAPE, REVERSE, SHIMMER, DUAL, WARP, TWIST, SPACE ECHO, TAPE ECHO PX, BIN DRUM ECHO, WARM, GLITCH, SDE-3000, DD-20 STANDARD, DD-20 ANALOG
#	00 02	0000 aaaa
	00 03	0000 bbbb
	00 04	0000 cccc
	00 05	0000 dddd TIME (1 - 4018) 1ms - 4000ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote
	00 06	0aaa aaaa FEEDBACK (0 - 100)
	00 07	000a aaaa HIGH CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
	00 08	0aaa aaaa EFFECT LEVEL (0 - 120)
	00 09	0aaa aaaa MOD RATE (0 - 100)
	00 0A	0aaa aaaa MOD DEPTH (0 - 100)
	00 0B	0aaa aaaa DUCK SENS (0 - 100)
	00 0C	0aaa aaaa DUCK PRE DEPTH (0 - 100)
	00 0D	0aaa aaaa DUCK POST DEPTH (0 - 100)
	00 0E	0aaa aaaa DIRECT LEVEL (0 - 100)
	00 0F	00aa aaaa PITCH (8 - 56) -24 - 24
	00 10	0aaa aaaa PITCH BAL (0 - 100)
	00 11	0aaa aaaa PITCH FEEDBACK (0 - 100)
	00 12	0000 00aa DUAL:MODE (0 - 2) SERIES, PARALLEL, L/R
	00 13	0000 00aa D1 TYPE (0 - 3) MONO, PAN, ANALOG, TAPE
#	00 14	0000 aaaa
	00 15	0000 bbbb
	00 16	0000 cccc
	00 17	0000 dddd D1 TIME (1 - 2018) 1ms - 2000ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote
	00 18	0aaa aaaa D1 FEEDBACK (0 - 100)
	00 19	000a aaaa D1 HIGH CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
	00 1A	0aaa aaaa D1 EFFECT LEVEL (0 - 120)
	00 1B	0000 00aa D2 TYPE (0 - 3) MONO, PAN, ANALOG, TAPE
#	00 1C	0000 aaaa
	00 1D	0000 bbbb
	00 1E	0000 cccc
	00 1F	0000 dddd D2 TIME (1 - 2018) 1ms - 2000ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote

Offset	Address	Description
	00 20	0aaa aaaa D2 FEEDBACK (0 - 100)
	00 21	000a aaaa D2 HIGH CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
	00 22	0aaa aaaa D2 EFFECT LEVEL (0 - 120)
	00 23	0000 000a TWIST:MODE (0 - 1) RISE->FALL, RISE->FADE
	00 24	0000 000a TRIGGER (0 - 1) OFF, ON
	00 25	0aaa aaaa RISE TIME (0 - 100)
	00 26	0aaa aaaa FALL TIME (0 - 100)
	00 27	0aaa aaaa LEVEL (0 - 100)
	00 28	0000 00aa STAGE (0 - 2) 4096, 4096x2, 4096x4
	00 29	0000 0aaa HEAD (0 - 4) 1, 1+2, 1+3, 2+3, 1+2+3
	00 2A	0aaa aaaa FADE TIME (0 - 100)
	00 2B	0aaa aaaa TAP TIME (0 - 100) [%]
	00 2C	0aaa aaaa WOW & FLUTTER (0 - 100)
	00 2D	0000 aaaa DRUM ECHO:HEAD (0 - 11) 1, 2, 3, 4, 1+2, 2+3, 3+4, 1+3, 2+4, 1+2+3, 2+3+4, 1+2+3+4
	00 2E	0000 00aa SELECTOR (0 - 2) ECHO, REPEAT, SWELL
	00 2F	0000 000a AUTO TRIGGER (0 - 1) OFF, ON
	00 30	0aaa aaaa DUTY (0 - 100)
	00 31	0aaa aaaa TONE (0 - 100)
	00 00 00 32	Total Size

\* [PatchMstDelay2]

Offset	Address	Description
	00 00	0000 000a FILTER (0 - 1) OFF, ON
	00 01	0000 000a TIMEx2 (0 - 1) OFF, ON
	00 02	0000 000a DELAY PHASE (0 - 1) NORMAL, INVERT
	00 03	0000 000a FBK PHASE (0 - 1) NORMAL, INVERT
	00 00 00 04	Total Size

## \* [PatchChorus]

Offset	Address	Description	
00 00	0000 000a	SW	(0 - 1) OFF, ON
00 01	0000 00aa	TYPE	(0 - 3) MONO, STEREO 1, STEREO 2, DUAL
00 02	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 03	0aaa aaaa	DEPTH	(0 - 100)
00 04	0aaa aaaa	PRE-DELAY	(0 - 80) 0.0ms, 0.5ms - 40.0ms
00 05	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 06	0000 000a	WAVEFORM	(0 - 1) TRI, SINE
00 07	000a aaaa	LOW CUT	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 08	000a aaaa	HIGH CUT	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 09	0aaa aaaa	RATE 1	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 0A	0aaa aaaa	DEPTH 1	(0 - 100)
00 0B	0aaa aaaa	PRE-DELAY 1	(0 - 80) 0.0ms, 0.5ms - 40.0ms
00 0C	0aaa aaaa	EFFECT LEVEL 1	(0 - 100)
00 0D	0000 000a	WAVEFORM 1	(0 - 1) TRI, SINE
00 0E	000a aaaa	LOW CUT 1	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 0F	000a aaaa	HIGH CUT 1	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 10	0aaa aaaa	RATE 2	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 11	0aaa aaaa	DEPTH 2	(0 - 100)
00 12	0aaa aaaa	PRE-DELAY 2	(0 - 80) 0.0ms, 0.5ms - 40.0ms
00 13	0aaa aaaa	EFFECT LEVEL 2	(0 - 100)
00 14	0000 000a	WAVEFORM 2	(0 - 1) TRI, SINE
00 15	000a aaaa	LOW CUT 2	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 16	000a aaaa	HIGH CUT 2	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 17	0aaa aaaa	DIRECT LEVEL	(0 - 100)
00 18	0000 000a	OUTPUT MODE	(0 - 1) MONO, STEREO
00 00 00 19	Total Size		

## \* [PatchReverb]

Offset	Address	Description	
00 00	0000 000a	SW	(0 - 1) OFF, ON
00 01	0000 aaaa	TYPE	(0 - 9) HALL1, HALL2, PLATE, ROOM1, ROOM2, AMBIENCE, SPRING, SHIMMER, DUAL, TERA ECHO
00 02	0aaa aaaa	DIRECT LEVEL	(0 - 100)
00 03	0aaa aaaa	LOW DAMP	(14 - 114) -50 - 50
00 04	0aaa aaaa	HIGH DAMP	(14 - 114) -50 - 50
00 05	0aaa aaaa	MOD RATE	(0 - 100)
00 06	0aaa aaaa	MOD DEPTH	(0 - 100)
00 07	0aaa aaaa	DUCK SENS	(0 - 100)
00 08	0aaa aaaa	DUCK PRE DEPTH	(0 - 100)
00 09	0aaa aaaa	DUCK POST DEPTH	(0 - 100)
00 0A	0aaa aaaa	TIME	(1 - 100) 0.1s, 0.2s - 10.0s
00 0B	0aaa aaaa	TONE	(14 - 114) -50 - 50
00 0C	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 0D	0000 aaaa	DENSITY	(1 - 10)
00 0E	0000 aaaa	#	
00 0F	0000 bbbb	PRE-DELAY	(0 - 200) [ms]
00 10	000a aaaa	LOW CUT	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 11	000a aaaa	HIGH CUT	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 12	00aa aaaa	PITCH 1	(8 - 56) -24 - 24
00 13	0aaa aaaa	LEVEL 1	(0 - 100)
00 14	0000 00aa	TYPE 1	(0 - 2) HALL, PLATE, ROOM
00 15	0aaa aaaa	TIME 1	(1 - 100) 0.1s, 0.2s - 10.0s
00 16	0aaa aaaa	TONE 1	(14 - 114) -50 - 50
00 17	0aaa aaaa	EFFECT LEVEL 1	(0 - 100)
00 18	0000 aaaa	DENSITY 1	(1 - 10)
00 19	0000 aaaa	#	
00 1A	0000 bbbb	PRE-DELAY 1	(0 - 200) [ms]
00 1B	000a aaaa	LOW CUT 1	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 1C	000a aaaa	HIGH CUT 1	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 1D	00aa aaaa	PITCH 2	(8 - 56) -24 - 24
00 1E	0aaa aaaa	LEVEL 2	(0 - 100)
00 1F	0000 00aa	TYPE 2	(0 - 2) HALL, PLATE, ROOM
00 20	0aaa aaaa	TIME 2	(1 - 100) 0.1s, 0.2s - 10.0s
00 21	0aaa aaaa	TONE 2	(14 - 114) -50 - 50
00 22	0aaa aaaa	EFFECT LEVEL 2	(0 - 100)
00 23	0000 aaaa	DENSITY 2	(1 - 10)
00 24	0000 aaaa	#	
00 25	0000 bbbb	PRE-DELAY 2	(0 - 200) [ms]
00 26	000a aaaa	LOW CUT 2	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 27	000a aaaa	HIGH CUT 2	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 28	0000 00aa	MODE	(0 - 2) MONO, STEREO1, STEREO2
00 29	0aaa aaaa	SPREAD TIME	(0 - 100)
00 2A	0aaa aaaa	FEEDBACK	(0 - 100)
00 2B	0000 000a	TRIGGER	(0 - 1) OFF, ON
00 00 00 2C	Total Size		

\* [PatchPedalFx]

Offset	Address	Description	
	00 00	0000 000a	SW (0 - 1) OFF, ON
	00 01	0000 000a	TYPE (0 - 1) PEDAL BEND, WAH
	00 02	00aa aaaa	PITCH MAX (8 - 56) -24 - 24
	00 03	0aaa aaaa	EFFECT LEVEL (0 - 100)
	00 04	0aaa aaaa	DIRECT MIX (0 - 100)
	00 05	0000 0aaa	WAH TYPE (0 - 6) CRY WAH, VO WAH, FAT WAH, LIGHT WAH, 7STRING WAH, RESO WAH, BASS WAH
#	00 06	0000 aaaa	
	00 07	0000 bbbb	
	00 08	0000 cccc	
	00 09	0000 dddd	PEDAL MIN (0 - 1000)
#	00 0A	0000 aaaa	
	00 0B	0000 bbbb	
	00 0C	0000 cccc	
	00 0D	0000 dddd	PEDAL MAX (0 - 1000)
#	00 0E	0000 aaaa	
	00 0F	0000 bbbb	
	00 10	0000 cccc	
	00 11	0000 dddd	WAH:PEDAL POSITION (0 - 1000)
#	00 12	0000 aaaa	
	00 13	0000 bbbb	
	00 14	0000 cccc	
	00 15	0000 dddd	PEDAL BEND:PEDAL POSITION (0 - 1000)
	00 16	00aa aaaa	PITCH MIN (8 - 56) -24 - 24
	00 00 00 17	Total Size	

\* [PatchFx1, PatchFx2, PatchFx3, PatchFx4(\*)]

Offset	Address	Description	
	00 00	0000 000a	FX SW (0 - 1) OFF, ON
	00 01	00aa aaaa	FX1 TYPE (0 - 33) AC GUITAR SIM, AC RESONANCE, AUTO WAH, CHORUS, CLASSIC-VIBE, COMPRESSOR, DEFRETTER, FEEDBACKER, FLANGER, HARMONIST, HUMANIZER, OCTAVE, OVERTONE, PAN, PHASER, PITCH SHIFTER, RING MOD, ROTARY, SITAR SIM, SLICER, SLOW GEAR, SOUND HOLD, S-BEND, TOUCH WAH, TREMOLO, VIBRATO, CHORUS BASS, DEFRETTER BASS, FLANGER BASS, OCTAVE BASS, SLOW GEAR BASS, TOUCH WAH BASS, DISTORTION, MASTERING FX
	00 00 00 02	Total Size	

\* [PatchFx1AGSim, PatchFx2AGSim, PatchFx3AGSim, PatchFx4AGSim(\*)]

Offset	Address	Description	
	00 00	0aaa aaaa	BODY (0 - 100)
	00 01	0aaa aaaa	LOW (0 - 100)
	00 02	0aaa aaaa	HIGH -50 - -1, 0, +1 - +50 (0 - 100)
	00 03	0aaa aaaa	LEVEL -50 - -1, 0, +1 - +50 (0 - 100)
	00 00 00 04	Total Size	

\* [PatchFx1AcReso, PatchFx2AcReso, PatchFx3AcReso, PatchFx4AcReso(\*)]

Offset	Address	Description	
	00 00	0000 00aa	TYPE (0 - 2) NATURAL, WIDE, BRIGHT
	00 01	0aaa aaaa	RESONANCE (0 - 100)
	00 02	0aaa aaaa	tone (14 - 114)
	00 03	0aaa aaaa	LEVEL -50 - 50 (0 - 100)
	00 00 00 04	Total Size	

\* [PatchFx1AWah, PatchFx2AWah, PatchFx3AWah, PatchFx4AWah(\*)]

Offset	Address	Description	
	00 00	0000 00aa	FILTER MODE (0 - 2) LPF, BPF, HPF
	00 01	0aaa aaaa	RATE (0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
	00 02	0aaa aaaa	DEPTH (0 - 100)
	00 03	0aaa aaaa	EFFECT LEVEL (0 - 100)
	00 04	0aaa aaaa	FREQUENCY (0 - 100)
	00 05	0aaa aaaa	RESONANCE (0 - 100)
	00 06	0000 000a	WAVEFORM (0 - 1) TRI, SINE
	00 07	0aaa aaaa	DIRECT MIX (0 - 100)
	00 00 00 08	Total Size	

\* [PatchFx1Chorus, PatchFx2Chorus, PatchFx3Chorus, PatchFx4Chorus(\*)]

Offset	Address	Description
00 00	0000 0aaa	TYPE (0 - 6) MONO, STEREO 1, STEREO 2, DUAL, PRIME, CE-1 CHORUS, CE-1 VIBRATO
00 01	0aaa aaaa	DIRECT LEVEL (0 - 100)
00 02	0000 000a	OUTPUT MODE (0 - 1) MONO, STEREO
00 03	0aaa aaaa	SWEETNESS (0 - 100)
00 04	0aaa aaaa	BELL (0 - 100)
00 05	0000 000a	PREAMP SW (0 - 1) OFF, ON
00 06	0aaa aaaa	PREAMP GAIN (0 - 100)
00 07	0aaa aaaa	PREAMP LEVEL (0 - 100)
00 08	0aaa aaaa	RATE (0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 09	0aaa aaaa	DEPTH (0 - 100)
00 0A	0aaa aaaa	PRE-DELAY (0 - 80) 0.0ms, 0.5ms - 40.0ms
00 0B	0aaa aaaa	EFFECT LEVEL (0 - 100)
00 0C	0000 000a	WAVEFORM (0 - 1) TRI, SINE
00 0D	000a aaaa	LOW CUT (0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 0E	000a aaaa	HIGH CUT (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 0F	0aaa aaaa	RATE 1 (0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 10	0aaa aaaa	DEPTH 1 (0 - 100)
00 11	0aaa aaaa	PRE-DELAY 1 (0 - 80) 0.0ms, 0.5ms - 40.0ms
00 12	0aaa aaaa	EFFECT LEVEL 1 (0 - 100)
00 13	0000 000a	WAVEFORM 1 (0 - 1) TRI, SINE
00 14	000a aaaa	LOW CUT 1 (0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 15	000a aaaa	HIGH CUT 1 (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 16	0aaa aaaa	RATE 2 (0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 17	0aaa aaaa	DEPTH 2 (0 - 100)
00 18	0aaa aaaa	PRE-DELAY 2 (0 - 80) 0.0ms, 0.5ms - 40.0ms
00 19	0aaa aaaa	EFFECT LEVEL 2 (0 - 100)
00 1A	0000 000a	WAVEFORM 2 (0 - 1) TRI, SINE
00 1B	000a aaaa	LOW CUT 2 (0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 1C	000a aaaa	HIGH CUT 2 (0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 00 00 1D	Total Size	

\* [PatchFx1CVibe, PatchFx2CVibe, PatchFx3CVibe, PatchFx4CVibe(\*)]

Offset	Address	Description
00 00	0000 000a	MODE (0 - 1) CHORUS, VIBRATO
00 01	0aaa aaaa	RATE (0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 02	0aaa aaaa	DEPTH (0 - 100)
00 03	0aaa aaaa	EFFECT LEVEL (0 - 100)
00 00 00 04	Total Size	

\* [PatchFx1Comp, PatchFx2Comp, PatchFx3Comp, PatchFx4Comp(\*)]

Offset	Address	Description
00 00	0000 0aaa	TYPE (0 - 5) BOSS COMP, X-COMP, D-COMP, ORANGE, STEREO COMP, X-BASS COMP
00 01	0aaa aaaa	SUSTAIN (0 - 100)
00 02	0aaa aaaa	ATTACK (0 - 100)
00 03	0aaa aaaa	LEVEL (0 - 100)
00 04	0aaa aaaa	tone (14 - 114) -50 - 50
00 05	000a aaaa	RATIO (0 - 17) 1:1, 1.2:1, 1.4:1, 1.6:1, 1.8:1, 2:1, 2.3:1, 2.6:1, 3:1, 3.5:1, 4:1, 5:1, 6:1, 8:1, 10:1, 12:1, 20:1, INF:1
00 06	0aaa aaaa	DIRECT MIX (0 - 100)
00 07	0aaa aaaa	THRESHOLD (0 - 100)
00 00 00 08	Total Size	

\* [PatchFx1Defretter, PatchFx2Defretter, PatchFx3Defretter, PatchFx4Defretter(\*)]

Offset	Address	Description
00 00	0aaa aaaa	SENS (0 - 100)
00 01	0aaa aaaa	DEPTH (0 - 100)
00 02	0aaa aaaa	tone (14 - 114) -50 - 50
00 03	0aaa aaaa	EFFECT LEVEL (0 - 100)
00 04	0aaa aaaa	ATTACK (0 - 100)
00 05	0aaa aaaa	RESONANCE (0 - 100)
00 06	0aaa aaaa	DIRECT MIX (0 - 100)
00 00 00 05	Total Size	

\* [PatchFx1DefretterBass, PatchFx2DefretterBass, PatchFx3DefretterBass, PatchFx4DefretterBass(\*)]

Offset	Address	Description
00 07	0aaa aaaa	SENS (0 - 100)
00 08	0aaa aaaa	ATTACK (0 - 100)
00 09	0aaa aaaa	tone (14 - 114) -50 - 50
00 0A	0aaa aaaa	EFFECT LEVEL (0 - 100)
00 0B	0aaa aaaa	DIRECT MIX (0 - 100)
00 00 00 05	Total Size	

\* [PatchFx1Feedbacker, PatchFx2Feedbacker, PatchFx3Feedbacker, PatchFx4Feedbacker(\*)]

Offset	Address	Description
00 00	0000 000a	MODE (0 - 1) NORMAL, OSC
00 01	0000 000a	TRIGGER (0 - 1) OFF, ON
00 02	0aaa aaaa	DEPTH (0 - 100)
00 03	0aaa aaaa	RISE TIME (0 - 100)
00 04	0aaa aaaa	OCT RISE TIME (0 - 100)
00 05	0aaa aaaa	FEEDBACK (0 - 100)
00 06	0aaa aaaa	OCT FEEDBACK (0 - 100)
00 07	0aaa aaaa	VIB RATE (0 - 100)
00 08	0aaa aaaa	VIB DEPTH (0 - 100)
00 00 00 09	Total Size	

\* [PatchFx1Flanger, PatchFx2Flanger, PatchFx3Flanger, PatchFx4Flanger(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 01	0aaa aaaa	DEPTH	(0 - 100)
00 02	0aaa aaaa	RESONANCE	(0 - 100)
00 03	0aaa aaaa	MANUAL	(0 - 100)
00 04	0000 000a	TURBO	(0 - 1) OFF, ON
00 05	0000 000a	WAVEFORM	(0 - 1) TRI, SINE
00 06	0aaa aaaa	STEP RATE	(0 - 119) OFF, 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 07	0000 aaaa	SEPARATION	(0 - 12) 0, 15 - 180
00 08	0aaa aaaa	EFFECT LEVEL	(0 - 100)
# 00 09	0000 aaaa		
00 0A	0000 bbbb	LOW DAMP	(28 - 128) -100 - 0
# 00 0B	0000 aaaa		
00 0C	0000 bbbb	HIGH DAMP	(28 - 128) -100 - 0
00 0D	000a aaaa	LOW CUT	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 0E	000a aaaa	HIGH CUT	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 0F	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 10	Total Size		

\* [PatchFx1Harmonist, PatchFx2Harmonist, PatchFx3Harmonist, PatchFx4Harmonist(\*)]

Offset	Address	Description	
00 00	0000 00aa	VOICE	(0 - 2) 1VOICE, 2MONO, 2STEREO
00 01	000a aaaa	HR1:HARMONY	(0 - 29) -2oct, -14th, -13th, -12th, -11th, -10th, -9th, -1oct, -7th, -6th, -5th, -4th, -3rd, -2nd, UNISON, +2nd, +3rd, +4th, +5th, +6th, +7th, +1oct, +9th, +10th, +11th, +12th, +13th, +14th, +2oct, USER
00 02	000a aaaa	HR2:HARMONY	(0 - 29) -2oct, -14th, -13th, -12th, -11th, -10th, -9th, -1oct, -7th, -6th, -5th, -4th, -3rd, -2nd, UNISON, +2nd, +3rd, +4th, +5th, +6th, +7th, +1oct, +9th, +10th, +11th, +12th, +13th, +14th, +2oct, USER
00 03	0aaa aaaa	HR1:LEVEL	(0 - 100)
# 00 04	0000 aaaa		
00 05	0000 bbbb		
00 06	0000 cccc		
00 07	0000 dddd	HR1:PRE-DELAY	(0 - 318) 0ms - 300ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote
00 08	0aaa aaaa	HR1:FEEDBACK	(0 - 100)
00 09	0aaa aaaa	DIRECT LEVEL	(0 - 100)
00 0A	0aaa aaaa	HR2:LEVEL	(0 - 100)
# 00 0B	0000 aaaa		
00 0C	0000 bbbb		
00 0D	0000 cccc		
00 0E	0000 dddd	HR2:PRE-DELAY	(0 - 318) 0ms - 300ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote
00 0F	00aa aaaa	HR1:C	(0 - 48)
00 10	00aa aaaa	HR1:Db	(0 - 48)
00 11	00aa aaaa	HR1:D	(0 - 48)
00 12	00aa aaaa	HR1:Eb	(0 - 48)
00 13	00aa aaaa	HR1:E	(0 - 48)
00 14	00aa aaaa	HR1:F	(0 - 48)
00 15	00aa aaaa	HR1:F#	(0 - 48)
00 16	00aa aaaa	HR1:G	(0 - 48)
00 17	00aa aaaa	HR1:Ab	(0 - 48)
00 18	00aa aaaa	HR1:A	(0 - 48)
00 19	00aa aaaa	HR1:Bb	(0 - 48)
00 1A	00aa aaaa	HR1:B	(0 - 48)
00 1B	00aa aaaa	HR2:C	(0 - 48)
00 1C	00aa aaaa	HR2:Db	(0 - 48)
00 1D	00aa aaaa	HR2:D	(0 - 48)
00 1E	00aa aaaa	HR2:Eb	(0 - 48)
00 1F	00aa aaaa	HR2:E	(0 - 48)
00 20	00aa aaaa	HR2:F	(0 - 48)
00 21	00aa aaaa	HR2:F#	(0 - 48)
00 22	00aa aaaa	HR2:G	(0 - 48)
00 23	00aa aaaa	HR2:Ab	(0 - 48)
00 24	00aa aaaa	HR2:A	(0 - 48)
00 25	00aa aaaa	HR2:Bb	(0 - 48)
00 26	00aa aaaa	HR2:B	(0 - 48)
00 00 00 27	Total Size		

\* [PatchFx1Humanizer, PatchFx2Humanizer, PatchFx3Humanizer, PatchFx4Humanizer(\*)]

Offset	Address	Description	
00 00	0000 000a	MODE	(0 - 1) PICKING, AUTO
00 01	0000 0aaa	VOWEL1	(0 - 4) a, e, i, o, u
00 02	0000 0aaa	VOWEL2	(0 - 4) a, e, i, o, u
00 03	0aaa aaaa	SENS	(0 - 100)
00 04	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 05	0aaa aaaa	DEPTH	(0 - 100)
00 06	0aaa aaaa	MANUAL	(0 - 100)
00 07	0aaa aaaa	LEVEL	(0 - 100)
00 00 00 08	Total Size		

\* [PatchFx1Octave, PatchFx2Octave, PatchFx3Octave, PatchFx4Octave(\*)]

Offset	Address	Description	
00 00	0000 000a	TYPE	(0 - 1) MONO, POLY
00 01	0aaa aaaa	-2OCT	(0 - 100)
00 02	0aaa aaaa	-1OCT	(0 - 100)
00 03	0aaa aaaa	DIRECT LEVEL	(0 - 100)
00 04	0aaa aaaa	RANGE	(0 - 100)
00 05	0aaa aaaa	OCTAVE LEVEL	(0 - 100)
00 00 00 06	Total Size		

\* [PatchFx10ctaveBass, PatchFx20ctaveBass, PatchFx30ctaveBass, PatchFx40ctaveBass(\*)]

Offset	Address	Description	
00 06	0aaa aaaa	-2OCT	(0 - 100)
00 07	0aaa aaaa	-1OCT	(0 - 100)
00 08	0aaa aaaa	DIRECT LEVEL	(0 - 100)
00 00 00 03	Total Size		

\* [PatchFx10ver tone, PatchFx20ver tone, PatchFx30ver tone, PatchFx40ver tone(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	LOWER LEVEL	(0 - 100)
00 01	0aaa aaaa	UPPER LEVEL	(0 - 100)
00 02	0aaa aaaa	UNISON LEVEL	(0 - 100)
00 03	0aaa aaaa	DIRECT LEVEL	(0 - 100)
00 04	0aaa aaaa	DETUNE	(0 - 100)
00 05	0000 000a	OUTPUT MODE	(0 - 1)
			MONO, STEREO
00 06	0aaa aaaa	LOW	(14 - 114)
			-50 - 50
00 07	0aaa aaaa	HIGH	(14 - 114)
			-50 - 50
00 00 00 08	Total Size		

\* [PatchFx1Pan, PatchFx2Pan, PatchFx3Pan, PatchFx4Pan(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	RATE	(0 - 118)
			0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 01	0aaa aaaa	DEPTH	(0 - 100)
00 02	0aaa aaaa	WAVEFORM	(0 - 100)
00 03	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 04	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 05	Total Size		

\* [PatchFx1Phaser, PatchFx2Phaser, PatchFx3Phaser, PatchFx4Phaser(\*)]

Offset	Address	Description	
00 00	0000 000a	TYPE	(0 - 1)
			PRIME, SCRIPT
00 01	0000 0aaa	STAGE	(0 - 4)
			2 STAGE, 4 STAGE, 8 STAGE, 16 STAGE, 24 STAGE
00 02	0aaa aaaa	RATE	(0 - 118)
			0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 03	0aaa aaaa	DEPTH	(0 - 100)
00 04	0aaa aaaa	RESONANCE	(0 - 100)
00 05	0aaa aaaa	MANUAL	(0 - 100)
00 06	0000 000a	WAVEFORM	(0 - 1)
			TRI, SINE
00 07	0aaa aaaa	STEP RATE	(0 - 119)
			OFF, 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 08	0000 000a	BI-PHASE	(0 - 1)
			OFF, ON
00 09	0000 aaaa	SEPARATION	(0 - 12)
			0, 15 - 180
#	00 0A	0000 aaaa	
#	00 0B	0000 bbbb	(28 - 128)
			-100 - 0
#	00 0C	0000 aaaa	
#	00 0D	0000 bbbb	(28 - 128)
			-100 - 0
00 0E	000a aaaa	LOW CUT	(0 - 31)
			FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 0F	000a aaaa	HIGH CUT	(0 - 31)
			20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 10	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 11	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 12	Total Size		

\* [PatchFx1PitchShift, PatchFx2PitchShift, PatchFx3PitchShift, PatchFx4PitchShift(\*)]

Offset	Address	Description	
00 00	0000 00aa	V0ICE	(0 - 2)
			1V0ICE, 2MONO, 2STEREO
00 01	00aa aaaa	PS1:PITCH	(8 - 56)
			-24 - 24
00 02	00aa aaaa	PS2:PITCH	(8 - 56)
			-24 - 24
00 03	0aaa aaaa	DIRECT LEVEL	(0 - 100)
00 04	0000 00aa	PS1:MODE	(0 - 3)
			FAST, MEDIUM, SLOW, MONO
00 05	0aaa aaaa	PS1:FINE	(14 - 114)
			-50 - 50
#	00 06	0000 aaaa	
#	00 07	0000 bbbb	
#	00 08	0000 cccc	
#	00 09	0000 dddd	(0 - 318)
			0ms - 300ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote
00 0A	0aaa aaaa	PS1:LEVEL	(0 - 100)
00 0B	0aaa aaaa	PS1:FEEDBACK	(0 - 100)
00 0C	0000 00aa	PS2:MODE	(0 - 3)
			FAST, MEDIUM, SLOW, MONO
00 0D	0aaa aaaa	PS2:FINE	(14 - 114)
			-50 - 50
#	00 0E	0000 aaaa	
#	00 0F	0000 bbbb	
#	00 10	0000 cccc	
#	00 11	0000 dddd	(0 - 318)
			0ms - 300ms, 32ndNote, Triplet16thNote, Dotted32ndNote, 16thNote, Triplet8thNote, Dotted16thNote, 8thNote, TripletQuarterNote, Dotted8thNote, QuarterNote, TripletHalfNote, DottedQuarterNote, HalfNote, TripletWholeNote, DottedHalfNote, WholeNote, DottedWholeNote, DoubleWholeNote
00 12	0aaa aaaa	PS2:LEVEL	(0 - 100)
00 00 00 13	Total Size		

\* [PatchFx1RingMod, PatchFx2RingMod, PatchFx3RingMod, PatchFx4RingMod(\*)]

Offset	Address	Description	
00 00	0000 000a	INTELLIGENT	(0 - 1)
			OFF, ON
00 01	0aaa aaaa	FREQUENCY	(0 - 100)
00 02	0aaa aaaa	FREQ MOD RATE	(0 - 118)
			0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 03	0aaa aaaa	FREQ MOD DEPTH	(0 - 100)
00 04	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 05	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 06	Total Size		

\* [PatchFx1Rotary, PatchFx2Rotary, PatchFx3Rotary, PatchFx4Rotary(\*)]

Offset	Address	Description	
00 00	0000 000a	SPEED SELECT	(0 - 1)
			SLOW, FAST
00 01	0aaa aaaa	SLOW RATE	(0 - 118)
			0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 02	0aaa aaaa	FAST RATE	(0 - 118)
			0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 03	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 04	0aaa aaaa	RISE TIME	(0 - 100)
00 05	0aaa aaaa	FALL TIME	(0 - 100)
00 06	0aaa aaaa	MIC DISTANCE	(0 - 100)
00 07	0aaa aaaa	ROTOR/HORN	(0 - 100)
			100:0, 100:2 - 100:100 - 2:100, 0:100
00 08	0aaa aaaa	DRIVE	(0 - 100)
00 09	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 0A	Total Size		

\* [PatchFx1SitarSim, PatchFx2SitarSim, PatchFx3SitarSim, PatchFx4SitarSim(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	SENS	(0 - 100)
00 01	0aaa aaaa	DEPTH	(0 - 100)
00 02	0aaa aaaa	tone	(14 - 114)
			-50 - 50
00 03	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 04	0aaa aaaa	RESONANCE	(0 - 100)
00 05	0aaa aaaa	BUZZ	(0 - 100)
00 06	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 07	Total Size		

\* [PatchFx1Slicer, PatchFx2Slicer, PatchFx3Slicer, PatchFx4Slicer(\*)]

Offset	Address	Description	
00 00	000a aaaa	PATTERN	(0 - 19) P1 - P20
00 01	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 02	0000 000a	TRIGGER	(0 - 1) OFF, ON
00 03	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 04	0aaa aaaa	ATTACK	(0 - 100)
00 05	0aaa aaaa	DUTY	(1 - 99)
00 06	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 07	Total Size		

\* [PatchFx1SlowGear, PatchFx2SlowGear, PatchFx3SlowGear, PatchFx4SlowGear(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	SENS	(0 - 100)
00 01	0aaa aaaa	RISE TIME	(0 - 100)
00 02	0aaa aaaa	LEVEL	(0 - 100)
00 00 00 03	Total Size		

\* [PatchFx1SlowGearBass, PatchFx2SlowGearBass, PatchFx3SlowGearBass, PatchFx4SlowGearBass(\*)]

Offset	Address	Description	
00 03	0aaa aaaa	SENS	(0 - 100)
00 04	0aaa aaaa	RISE TIME	(0 - 100)
00 05	0aaa aaaa	LEVEL	(0 - 100)
00 00 00 03	Total Size		

\* [PatchFx1SoundHold, PatchFx2SoundHold, PatchFx3SoundHold, PatchFx4SoundHold(\*)]

Offset	Address	Description	
00 00	0000 000a	TRIGGER	(0 - 1) OFF, ON
00 01	0aaa aaaa	RISE TIME	(0 - 100)
00 02	0aaa aaaa	EFFECT LEVEL	(0 - 120)
00 00 00 03	Total Size		

\* [PatchFx1SBend, PatchFx2SBend, PatchFx3SBend, PatchFx4SBend(\*)]

Offset	Address	Description	
00 00	0000 000a	TRIGGER	(0 - 1) OFF, ON
00 01	0000 0aaa	PITCH	(0 - 6) -3OCT, -2OCT, -1OCT, +1OCT, +2OCT, +3OCT, +4OCT
00 02	0aaa aaaa	RISE TIME	(0 - 100)
00 03	0aaa aaaa	FALL TIME	(0 - 100)
00 00 00 04	Total Size		

\* [PatchFx1TWah, PatchFx2TWah, PatchFx3TWah, PatchFx4TWah(\*)]

Offset	Address	Description	
00 00	0000 00aa	FILTER MODE	(0 - 2) LPF, BPF, HPF
00 01	0000 000a	POLARITY	(0 - 1) DOWN, UP
00 02	0aaa aaaa	SENS	(0 - 100)
00 03	0aaa aaaa	FREQUENCY	(0 - 100)
00 04	0aaa aaaa	RESONANCE	(0 - 100)
00 05	0aaa aaaa	DECAY	(0 - 100)
00 06	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 07	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 08	Total Size		

\* [PatchFx1TWahBass, PatchFx2TWahBass, PatchFx3TWahBass, PatchFx4TWahBass(\*)]

Offset	Address	Description	
00 08	0000 000a	FILTER MODE	(0 - 1) LPF, BPF
00 09	0000 000a	POLARITY	(0 - 1) DOWN, UP
00 0A	0aaa aaaa	SENS	(0 - 100)
00 0B	0aaa aaaa	FREQUENCY	(0 - 100)
00 0C	0aaa aaaa	RESONANCE	(0 - 100)
00 0D	0aaa aaaa	DECAY	(0 - 100)
00 0E	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 0F	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 08	Total Size		

\* [PatchFx1Tremolo, PatchFx2Tremolo, PatchFx3Tremolo, PatchFx4Tremolo(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 01	0aaa aaaa	DEPTH	(0 - 100)
00 02	0aaa aaaa	WAVEFORM	(0 - 100)
00 03	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 04	0000 000a	TRIGGER	(0 - 1) OFF, ON
00 05	0aaa aaaa	RISE TIME	(0 - 100)
00 06	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 07	Total Size		

\* [PatchFx1Vibrato, PatchFx2Vibrato, PatchFx3Vibrato, PatchFx4Vibrato(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 01	0aaa aaaa	DEPTH	(0 - 100)
00 02	0aaa aaaa	COLOR	(0 - 100)
00 03	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 04	0000 000a	TRIGGER	(0 - 1) OFF, ON
00 05	0aaa aaaa	RISE TIME	(0 - 100)
00 06	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 07	Total Size		

\* [PatchFx1ChorusBass, PatchFx2ChorusBass, PatchFx3ChorusBass, PatchFx4ChorusBass(\*)]

Offset	Address	Description	
00 00	0000 00aa	TYPE	(0 - 2) MONO, STEREO 1, STEREO 2
00 01	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 02	0aaa aaaa	DEPTH	(0 - 100)
00 03	0aaa aaaa	EFFECT LEVEL	(0 - 100)
00 04	000a aaaa	LOW CUT	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 05	000a aaaa	HIGH CUT	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 00 00 06	Total Size		



\* [PatchFx1FlangerBass, PatchFx2FlangerBass, PatchFx3FlangerBass, PatchFx4FlangerBass(\*)]

Offset	Address	Description	
00 00	0aaa aaaa	RATE	(0 - 118) 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 01	0aaa aaaa	DEPTH	(0 - 100)
00 02	0aaa aaaa	RESONANCE	(0 - 100)
00 03	0aaa aaaa	MANUAL	(0 - 100)
00 04	0000 000a	TURBO	(0 - 1) OFF, ON
00 05	0000 000a	WAVEFORM	(0 - 1) TRI, SINE
00 06	0aaa aaaa	STEP RATE	(0 - 119) OFF, 0 - 100, DoubleWholeNote, DottedWholeNote, WholeNote, DottedHalfNote, TripletWholeNote, HalfNote, DottedQuarterNote, TripletHalfNote, QuarterNote, Dotted8thNote, TripletQuarterNote, 8thNote, Dotted16thNote, Triplet8thNote, 16thNote, Dotted32ndNote, Triplet16thNote, 32ndNote
00 07	0000 aaaa	SEPARATION	(0 - 12) 0, 15 - 180
00 08	0aaa aaaa	EFFECT LEVEL	(0 - 100)
# 00 09	0000 aaaa		
00 0A	0000 bbbb	LOW DAMP	(28 - 128) -100 - 0
# 00 0B	0000 aaaa		
00 0C	0000 bbbb	HIGH DAMP	(28 - 128) -100 - 0
00 0D	000a aaaa	LOW CUT	(0 - 31) FLAT, 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz
00 0E	000a aaaa	HIGH CUT	(0 - 31) 20.0Hz, 25.0Hz, 31.5Hz, 40.0Hz, 50.0Hz, 63.0Hz, 80.0Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1.00kHz, 1.25kHz, 1.60kHz, 2.00kHz, 2.50kHz, 3.15kHz, 4.00kHz, 5.00kHz, 6.30kHz, 8.00kHz, 10.0kHz, 12.5kHz, 16.0kHz, 20.0kHz, FLAT
00 0F	0aaa aaaa	DIRECT MIX	(0 - 100)
00 00 00 10	Total Size		

\* [PatchFx1Dist, PatchFx2Dist, PatchFx3Dist, PatchFx4Dist(\*)]

Offset	Address	Description	
00 00	00aa aaaa	TYPE	(0 - 36) MID BOOST, CLEAN BOOST, TREBLE BOOST, CRUNCH, NATURAL OD, WARM OD, FAT DS, LEAD DS, METAL DS, OCT FUZZ, A-DIST, X-OD, X-DIST, BLUES OD, OD-1, T-SCREAM, TURBO OD, DIST, RAT, GUV DS, DIST+, METAL ZONE, '60S FUZZ, MUFF FUZZ, CENTA OD, HM-2, METAL CORE, BASS OD, BASS DS, BASS MT, BASS FUZZ, HI BAND DRIVE, X-BASS OD, BASS DRV, BASS DI, SD-1, DS-1
00 01	0aaa aaaa	DRIVE	(0 - 120)
00 02	0aaa aaaa	TONE	(14 - 114) -50 - 50
00 03	0aaa aaaa	LEVEL	(0 - 100)
00 04	0aaa aaaa	BOTTOM	(14 - 114) -50 - 50
00 05	0aaa aaaa	DIRECT MIX	(0 - 100)
00 06	0000 000a	SOLO SW	(0 - 1) OFF, ON
00 07	0aaa aaaa	SOLO LEVEL	(0 - 100)
00 00 00 08	Total Size		

\* [PatchFx1MasteringFx, PatchFx2MasteringFx, PatchFx3MasteringFx, PatchFx4MasteringFx(\*)]

Offset	Address	Description	
00 00	0000 aaaa	TYPE	(0 - 10) NATURAL COMP, MIXER COMP, LIVE COMP, NATURAL LIM, HARD LIM, SOLO, METAL, ACOUSTIC, ROCK, LOW BOOST, BRIGHTEN
00 01	00aa aaaa	DYNAMICS	(12 - 52) -20 - 20
00 02	00aa aaaa	TONE	(26 - 38) -6 - 6
00 03	0aaa aaaa	NATURAL	(14 - 114) -50 - 50
00 00 00 04	Total Size		

Function...	Transmitted	Recognized	Remarks
Basic Channel	Default Changed 1-16, OFF 1-16, OFF	1-16, OFF 1-16, OFF	Memorized
Mode	Default Messages Altered Mode 3 x *****	Mode 3 x x	
Note Number:	True Voice x *****	x *****	
Velocity	Note On Note Off	x x	
After Key's touch Ch's	x x	x x	
Pitch Bend	x	x	
Control Change	o 0-127	o 0-95	
Prog Change:	True Number o 0-127 *****	o 0-127 0-127	Program Number 1-128
System Exclusive	o	o	
System: Common:	Song Pos Song Sel Tune	x x x	
System: Realtime:	: Clock : Start Continue : Stop	o o x o	
Aux Message:	: All sound off : Reset All controllers Local On/Off : All notes Off : Active Sense : Reset	x x x x o x	
Notes			

Mode 1: OMNI ON, POLY Mode 2: OMNI ON, MONO o : Yes  
 Mode 3: OMNI OFF, POLY Mode 4: OMNI OFF, MONO x : No