

Effect Parameter

	OFS	bit	parameter	DATA (hex)		Value	
1✂: ## Amp Simulation	0		Amplifier Type	00	02	SS	EL84
	1		Wet/Dry	00	64	Dry	Wet
	2		Wet/Dry: Src	00	19	None	Tempo
	3		Wet/Dry: Amt	9C	64	-100	100
1✂: ## Compressor	0		Sensitivity	01	64	1	100
	1		Attack	01	64	1	100
	2		Pre LEQ Gain [dB]	E2	1E	-15	15
	3		Pre HEQ Gain [dB]	E2	1E	-15	15
	4		Output Level	00	64	0	100
	5		Wet/Dry	00	64	Dry	Wet
	6		Wet/Dry: Amt	9C	64	-100	100
	7		Wet/Dry: Src	00	19	None	Tempo
1✂: ## Limiter	15		EQ Trim	00	64	0	100
	0		Ratio	00	83	1.0:1	inf:1
	1		Threshold [dB]	D8	00	-40	0
	2		Attack	01	64	1	100
	3		Release	01	64	1	100
	4		Gain Adjust [dB]	F0	18	-16	24
	5		Side PEQ Cutoff [Hz]	01	C8	20	12.00k
	6		Q	00	5F	0.5	10
	7		Gain [dB]	DC	24	-18	18
	8		Wet/Dry	00	64	Dry	Wet
	9		Wet/Dry: Amt	9C	64	-100	100
	10		Wet/Dry: Src	00	19	None	Tempo
	11		Side PEQ Insert	00	01	Off	On
	12		Trigger Monitor	00	01	Off	On
	1✂: ## Gate	0		Threshold	00	64	0
1			Attack	01	64	1	100
2			Release	01	64	1	100
3			Delay Time [msec]	00	64	0	100
4			Envelope Select: Src	00	19	None	Tempo
5			Wet/Dry: Src	00	19	None	Tempo
6			Wet/Dry: Amt	9C	64	-100	100
7			Wet/Dry	00	64	Dry	Wet
9			Envelope Select	00	01	D-mod	Input
1✂: ## Overdrive/Hi-Gain	0	1 ... 7	Drive	00	64	0	100
	0		Mode	00	01	Off	On
	1		Direct Mix	00	32	0	50
	2		Output Level	00	32	0	50
	3		Wet/Dry	00	64	Dry	Wet
	4		Wet/Dry: Src	00	19	None	Tempo
	5		Wet/Dry: Amt	9C	64	-100	100
	6		Pre Low-cut	00	0A	0	10
	7	2 ... 7	Band4 Cutoff [Hz]	00	37	500	20
		0 ... 1	Band3 Cutoff [Hz]	01	3F	300	10.00k
	8	4 ... 7					
		0 ... 3	Band2 Cutoff [Hz]	00	3B	30	5.00k
	9	6 ... 7					
		0 ... 5	Band1 Cutoff [Hz]	00	31	20	1.00k
	10	2 ... 7	Band4: Q	00	3C	0.5	10
		0 ... 1	Band3: Q	00	3C	0.5	10
	11	4 ... 7					
		0 ... 3	Band2: Q	00	3C	0.5	10
	12	6 ... 7					
		0 ... 5	Band1: Q	00	3C	0.5	10
	13	2 ... 7	Band4: Gain [dB]	EE	12	-18	18
		0 ... 1	Band3: Gain [dB]	EE	12	-18	18
	14	4 ... 7					
		0 ... 3	Band2: Gain [dB]	EE	12	-18	18
15	6 ... 7						
	0 ... 5	Band1: Gain [dB]	EE	12	-18	18	

Effect Parameter

1✂: ## Parametric 4EQ

OFS	bit	parameter	DATA (hex)		Value	
0		Trim	00	64	0	100
1	7	Band4 Type	00	01	Peaking	Shelving-High
	1 ... 6	Band1 Cutoff [Hz]	00	31	20	1.00k
	0	Band1 Type	00	01	Peaking	Shelving-Low
2		Band1: Q	00	5F	0.5	10
3		Band1: Gain [dB]	DC	24	-18	18
4		Band2 Cutoff [Hz]	00	C7	50	10.00k
5		Band2: Q	00	5F	0.5	10
6		Band2: Gain [dB]	DC	24	-18	18
7		Band2 Dynamic Gain Src	00	19	None	Tempo
8		Band2 Dynamic Gain: Amt [dB]	DC	24	-18	18
9		Band3 Cutoff [Hz]	00	61	300	10.00k
10		Band3: Q	00	5F	0.5	10
11		Band3: Gain [dB]	DC	24	-18	18
12		Band4 Cutoff [Hz]	00	C3	500	20
13		Band4: Q	00	5F	0.5	10
14		Band4: Gain [dB]	DC	24	-18	18
15		Wet/Dry	00	64	Dry	Wet

1✂: ## Graphic 7Band EQ

0		Type	00	0B	1:Wide 1	12:Wide High
1		Trim	00	64	0	100
2		Band1 [dB]	DC	24	-18	18
3		Band2 [dB]	DC	24	-18	18
4		Band3 [dB]	DC	24	-18	18
5		Band4 [dB]	DC	24	-18	18
6		Band5 [dB]	DC	24	-18	18
7		Band6 [dB]	DC	24	-18	18
8		Band7 [dB]	DC	24	-18	18
9		Wet/Dry	00	64	Dry	Wet
10		Wet/Dry: Src	00	19	None	Tempo
11		Wet/Dry: Amt	9C	64	-100	100

1✂: ## Wah/AutoWah

0		Frequency Bottom	00	64	0	100
1		Frequency Top	00	64	0	100
2	6	Filter Mode	00	01	0	1
	1 ... 5	Sweep Mode: Src	00	19	None	Tempo
	0	Sweep Mode	00	01	0	1
3		Envelope Sens	00	64	0	100
4		Envelope Shape	9C	64	-100	100
5		Resonance	00	64	0	100
6		Wet/Dry	00	64	Dry	Wet
7		Wet/Dry: Src	00	19	None	Tempo
8		Wet/Dry: Amt	9C	64	-100	100
9		Response	00	0A	0	10

1✂: ## Random Filter

0		LFO Frequency [Hz]	01	C8	0.05	50
1		LFO Frequency [Hz]: Src	00	19	None	Tempo
2		LFO Frequency [Hz]: Amt	9C	64	-50	50
3		Cutoff	00	64	0	100
4		Depth	00	64	0	100
5		Depth: Src	00	19	None	Tempo
6		Depth: Amt	9C	64	-100	100
7		Resonance	00	64	0	100
8		Wet/Dry	9C	64	-Wet	Wet
9		Wet/Dry: Src	00	19	None	Tempo
10		Wet/Dry: Amt	9C	64	-100	100

1✂: ## Dyna Exciter

0		Blend	9C	64	-100	100
1		Blend: Src	00	19	None	Tempo
2		Blend: Amt	9C	64	-100	100
3		Emphatic Point	00	8C	0	140
4		Emphatic Point: Src	00	19	None	Tempo
5		Emphatic Point: Amt	9C	64	-100	100
6		EQ Trim	00	64	0	100
7		Pre LEQ Gain [dB]	E2	1E	-15	15
8		Pre HEQ Gain [dB]	E2	1E	-15	15
9		Wet/Dry	00	64	Dry	Wet
10		Wet/Dry: Src	00	19	None	Tempo
11		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

	OFS	bit	parameter	DATA (hex)		Value	
1✂: ## Sub Oscillator	0		OSC Mode	00	01	Note(Key Follow)	Fixed
	1		Note Interval	D0	00	-48	0
	2		Src (Fixed)	05	05	Note	Note
	3		Note Fine	9C	64	-100	100
	4		Fixed Frequency [Hz]	20	A0	10	80
	5		Fixed Frequency [Hz]: Src	00	19	None	Tempo
	6		Fixed Frequency [Hz]: Amt	B0	50	-80	80
	7		Envelope Pre LPF	01	64	1	100
	8		Envelope Sens	00	64	0	100
	9		Envelope Shape	9C	64	-100	100
	10		Wet/Dry	00	64	Dry	Wet
	11		Wet/Dry: Src	00	19	None	Tempo
12		Wet/Dry: Amt	9C	64	-100	100	
1✂: ## Decimator	0		Pre LPF	00	01	Off	On
	1		Sampling Freq [Hz]	0A	F0	1.00k	24.00k
	2		Sampling Freq [Hz]: Src	00	19	None	Tempo
	3		Sampling Freq [Hz]: Amt	88	78	-24.00✂k	24.00k
	4		High Damp [%]	00	64	0	100
	5		Wet/Dry	00	64	Dry	Wet
	6		Wet/Dry: Src	00	19	None	Tempo
7		Wet/Dry: Amt	9C	64	-100	100	
1✂: ## Chorus	0		LFO Waveform	00	01	Triangle	Sine
	1		LFO Frequency [Hz]	01	E6	0.02	20
	2		Pre Delay [msec]	00	8C	0	50
	3		Depth	00	64	0	100
	4		Wet/Dry	9C	64	-Wet	Wet
	5		LFO Frequency [Hz]: Amt	8D	73	-20	20
	6		Depth: Amt	9C	64	-100	100
	7		Wet/Dry: Amt	9C	64	-100	100
	8		EQ Trim	00	64	0	100
	9		Pre LEQ Gain [dB]	E2	1E	-15	15
	10		Pre HEQ Gain [dB]	E2	1E	-15	15
	11		LFO Frequency [Hz]: Src	00	19	None	Tempo
	12		Depth: Src	00	19	None	Tempo
13		Wet/Dry: Src	00	19	None	Tempo	
1✂: ## Harmonic Chorus	0		High/Low Split Point	01	64	1	100
	2		LFO Frequency [Hz]	01	E6	0.02	20
	3		Pre Delay [msec]	00	8C	0	50
	4		Depth	00	64	0	100
	5		Feedback	9C	64	-100	100
	6		High Damp [%]	00	64	0	100
	7		Low Level	00	64	0	100
	8		High Level	00	64	0	100
	9		Wet/Dry	00	64	Dry	Wet
	10		LFO Frequency [Hz]: Amt	8D	73	-20	20
	11		Depth: Amt	9C	64	-100	100
	12		Wet/Dry: Amt	9C	64	-100	100
	13		LFO Frequency [Hz]: Src	00	19	None	Tempo
	14		Depth: Src	00	19	None	Tempo
	15		Wet/Dry: Src	00	19	None	Tempo
1✂: ## Ensemble	0		Speed	01	64	1	100
	1		Depth	00	64	0	100
	2		Wet/Dry	00	64	Dry	Wet
	4		Speed: Amt	9C	64	-100	100
	5		Depth: Amt	9C	64	-100	100
	6		Wet/Dry: Amt	9C	64	-100	100
	7		Speed: Src	00	19	None	Tempo
	8		Depth: Src	00	19	None	Tempo
	9		Wet/Dry: Src	00	19	None	Tempo
	15		Shimmer	00	64	0	100

Effect Parameter

1✂: ## Flanger

OFS	bit	parameter	DATA (hex)		Value	
0		Delay Time [msec]	00	8C	0	50
1	2 ... 6	LFO Frequency [Hz]: Src	00	19	None	Tempo
	1	LFO Waveform	00	01	Triangle	Sine
2		LFO Shape	9C	64	-100	100
3		LFO Frequency [Hz]	01	E6	0.02	20
4		LFO Frequency [Hz]: Amt	8D	73	-20	20
5		Depth	00	64	0	100
6		Feedback	9C	64	-100	100
7		High Damp [%]	00	64	0	100
8		Wet/Dry	9C	64	-Wet	Wet
12		Wet/Dry: Src	00	19	None	Tempo
13		Wet/Dry: Amt	9C	64	-100	100

1✂: ## Tempo Flanger

0		Delay Time [msec]	00	8C	0	50
1		LFO Waveform	00	01	Triangle	Sine
2		LFO Shape	9C	64	-100	100
3		LFO Mode	00	01	Manual	D-mod
4		Src (fixed)	19	19	Tempo	Tempo
5		Tempo [beat/min]	1E	FA	30	250
6		Length	01	10	1	16
7		Length: /	01	10	1	16
8		Depth	00	64	0	100
9		Feedback	9C	64	-100	100
10		High Damp [%]	00	64	0	100
11		Wet/Dry	9C	64	-Wet	Wet
12		Wet/Dry: Src	00	19	None	Tempo
13		Wet/Dry: Amt	9C	64	-100	100

1✂: ## Envelope Flanger

0		Delay Bottom [msec]	00	8C	0	50
1		Delay Top [msec]	00	8C	0	50
2		Sweep Mode	00	01	EG	D-mod
3		Sweep Mode: Src	00	19	None	Tempo
4		EG Decay	01	64	1	100
5		Feedback	9C	64	-100	100
6		High Damp [%]	00	64	0	100
7		Wet/Dry	9C	64	-Wet	Wet
8		Wet/Dry: Src	00	19	None	Tempo
9		Wet/Dry: Amt	9C	64	-100	100

1✂: ## Phaser

0	2 ... 7	LFO Frequency [Hz]: Src	00	19	None	Tempo
	0 ... 1	LFO Waveform	00	01	Triangle	Sine
1		LFO Shape	9C	64	-100	100
2		LFO Frequency [Hz]	01	E6	0.02	20
3		LFO Frequency [Hz]: Amt	8D	73	-20	20
4		Manual	00	64	0	100
5		Depth	00	64	0	100
6		Resonance	9C	64	-100	100
7		High Damp [%]	00	64	0	100
8		Wet/Dry	9C	64	-Wet	Wet
12		Wet/Dry: Src	00	19	None	Tempo
13		Wet/Dry: Amt	9C	64	-100	100

1✂: ## Tempo Phaser

0		LFO Waveform	00	01	Triangle	Sine
1		LFO Shape	9C	64	-100	100
2		LFO Mode	00	01	0	1
3		Src (fixed)	19	19	Tempo	Tempo
4		Tempo [beat/min]	1E	FA	30	250
5		Length	01	10	1	16
6		Length: /	01	10	1	16
7		Manual	00	64	0	100
8		Depth	00	64	0	100
9		Resonance	9C	64	-100	100
10		High Damp [%]	00	64	0	100
11		Wet/Dry	9C	64	-Wet	Wet
12		Wet/Dry: Src	00	19	None	Tempo
13		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value	
1✂: ## Envelope Phaser	0		Manu Bottom	00 64	0	100
	1		Manu Top	00 64	0	100
	2		Sweep Mode	00 01	EG	D-mod
	3		Sweep Mode: Src	00 19	None	Tempo
	4		EG Decay	01 64	1	100
	5		Resonance	9C 64	-100	100
	6		High Damp [%]	00 64	0	100
	7		Wet/Dry	9C 64	-Wet	Wet
	8		Wet/Dry: Src	00 19	None	Tempo
	9		Wet/Dry: Amt	9C 64	-100	100
1✂: ## Vibrato	0		LFO Waveform	00 01	Triangle	Sine
	1		LFO Shape	9C 64	-100	100
	2		LFO Frequency [Hz]	01 E6	0.02	20
	3		Depth	00 64	0	100
	4		Wet/Dry	00 64	Dry	Wet
	5		LFO Frequency [Hz]: Amt	8D 73	-20	20
	6		Depth: Amt	9C 64	-100	100
	7		Wet/Dry: Amt	9C 64	-100	100
	8		LFO Frequency [Hz]: Src	00 1A	None	AUTOFADE
	9		Depth: Src	00 19	None	Tempo
	10		Wet/Dry: Src	00 19	None	Tempo
	11		AUTOFADE Src	00 19	None	Tempo
	12		Fade-In Rate	01 64	1	100
1✂: ## Resonator	0		Fine [cent]	FB 05	-50	50
	1		Trim	00 64	0	100
	2		Resonance	9C 64	-100	100
	3		LFO Frequency [Hz]	01 E6	0.02	20
	4		Wet/Dry	00 64	Dry	Wet
	5		Wet/Dry: Amt	9C 64	-100	100
	6		LFO Depth	9C 64	-100	100
	7		Pitch	00 6B	C0	B8
	8		High Damp [%]	00 64	0	100
	10		Wet/Dry: Src	00 19	None	Tempo
	11		Control Mode	00 01	Manual	LFO
1✂: ## Ring Modulator	0	7	OSC Mode	00 01	Fixed	Note (Key Follow)
		0 ... 6	Pre LPF	00 64	0	100
	1		Fixed Frequency [Hz]	00 E4	0	12.00k
	2		Fixed Frequency [Hz]: Src	00 19	None	Tempo
	3		Fixed Frequency [Hz]:Amt	8E 72	-12.00✂k	12.00✂k
	4		Note Offset	D0 30	-48	48
	5		Src (fixed)	05 05	Note	Note
	6		Note Fine	9C 64	-100	100
	7		LFO Frequency [Hz]	01 E6	0.02	20
	8		LFO Frequency [Hz]: Src	00 19	None	Tempo
	9		LFO Frequency [Hz]: Amt	8D 73	-20	20
	10		LFO Depth	00 64	0	100
	11		LFO Depth: Src	00 19	None	Tempo
	12		LFO Depth: Amt	9C 64	-100	100
	13		Wet/Dry	00 64	Dry	Wet
14		Wet/Dry: Src	00 19	None	Tempo	
15		Wet/Dry: Amt	9C 64	-100	100	
1✂: ## Tremolo	0		LFO Waveform	00 04	Triangle	Down
	1		LFO Shape	9C 64	-100	100
	2		LFO Frequency [Hz]	01 E6	0.02	20
	3		LFO Frequency [Hz]: Src	00 19	None	Tempo
	4		LFO Frequency [Hz]: Amt	8D 73	-20	20
	5		Depth	00 64	0	100
	6		Depth: Src	00 19	None	Tempo
	7		Depth: Amt	9C 64	-100	100
	8		Wet/Dry	00 64	Dry	Wet
	9		Wet/Dry: Src	00 19	None	Tempo
	10		Wet/Dry: Amt	9C 64	-100	100

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value	
1✂: ## Rotary Speaker	0		Speed Switch	00 01	Slow Fast	
	1		Horn Acceleration	00 64	0 100	
	2		Horn Ratio	31 C8	Stop 2	
	3		Rotor/Horn Balance	00 64	Rotor Horn	
	4		Wet/Dry	00 64	Dry Wet	
	5		Speed Switch: Src	00 19	None Tempo	
	6		Sw	00 01	Momentary Toggle	
	7		Wet/Dry: Src	00 19	None Tempo	
	8		Wet/Dry: Amt	9C 64	-100 100	
	10		Mic Distance	00 64	0 100	
1✂: ## Delay	0		Feedback	9C 64	-100 100	
	1		High Damp [%]	00 64	0 100	
	2		Low Damp [%]	00 64	0 100	
	3		Wet/Dry	00 64	Dry Wet	
	4		Feedback: Amt	9C 64	-100 100	
	5		Wet/Dry: Amt	9C 64	-100 100	
	6		Input Level D-mod: Amt	9C 64	-100 100	
	7		Feedback: Src	00 19	None Tempo	
	8		Wet/Dry: Src	00 19	None Tempo	
	9		Input Level D-mod: Src	00 19	None Tempo	
	14		Delay Time [msec]	00 1A90	0 680	
	15					
	1✂: ## Multitap Delay	0		Feedback	9C 64	-100 100
		1		High Damp [%]	00 64	0 100
		2		Low Damp [%]	00 64	0 100
3			Wet/Dry	00 64	Dry Wet	
5			Feedback: Amt	9C 64	-100 100	
6			Wet/Dry: Amt	9C 64	-100 100	
7			Input Level D-mod: Amt	9C 64	-100 100	
8			Tap1 Level	00 64	0 100	
9			Feedback: Src	00 19	None Tempo	
10			Wet/Dry: Src	00 19	None Tempo	
11			Input Level D-mod: Src	00 19	None Tempo	
12			Tap2 Time [msec]	00 1A90	0 6800	
13						
14			Tap1 Time [msec]	00 1A90	0 6800	
15						
1✂: ## Early Reflections	0		Type	00 03	Sharp Reverse	
	1		ER Time [msec]	0A 82	10 400	
	2		Pre Delay [msec]	00 C8	0 200	
	3		EQ Trim	00 64	0 100	
	4		Pre LEQ Gain [dB]	E2 1E	-15 15	
	5		Pre HEQ Gain [dB]	E2 1E	15 15	
	6		Wet/Dry	00 64	Dry Wet	
	7		Wet/Dry: Src	00 19	None Tempo	
	8		Wet/Dry: Amt	9C 64	-100 100	

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value
2¥: ## St. Amp Simulation	0		Amplifier Type	00 02	SS EL84
	1		Wet/Dry	00 64	Dry Wet
	2		Wet/Dry: Src	00 19	None Tempo
	3		Wet/Dry: Amt	9C 64	-100 100
2¥: ## Stereo Compressor	0		Sensitivity	01 64	1 100
	1		Attack	01 64	1 100
	2		Pre LEQ Gain [dB]	E2 1E	-15 15
	3		Pre HEQ Gain [dB]	E2 1E	-15 15
	4		Output Level	00 64	0 100
	5		Wet/Dry	00 64	Dry Wet
	6		Wet/Dry: Amt	9C 64	-100 100
	7		Wet/Dry: Src	00 19	None Tempo
	8		Envelope Select	00 01	0 1
2¥: ## Stereo Limiter	0		Ratio	00 83	1.0:1 inf:1
	1		Threshold [dB]	D8 00	-40 0
	2		Attack	01 64	1 100
	3		Release	01 64	1 100
	4		Gain Adjust [dB]	F0 18	-16 24
	5		Side PEQ Cutoff [Hz]	01 C8	20 12.00k
	6		Q	00 5F	0.5 10
	7		Gain [dB]	DC 24	-18 18
	8		Wet/Dry	00 64	Dry Wet
	9		Wet/Dry: Amt	9C 64	-100 100
	10		Wet/Dry: Src	00 19	None Tempo
	11		Side PEQ Insert	00 01	Off On
	12		Trigger Monitor	00 01	Off On
	13		Envelope Select	00 03	L/R Mix L/R Individually
	2¥: ## Multiband Limiter	0		Ratio	00 83
1			Threshold [dB]	D8 00	-40 0
2			Attack	01 64	1 100
3			Release	01 64	1 100
4			Gain Adjust [dB]	F0 18	-16 24
5			Low Offset [dB]	D8 00	-40 0
6			Mid Offset [dB]	D8 00	-40 0
7			High Offset [dB]	D8 00	-40 0
8			Wet/Dry	00 64	Dry Wet
9			Wet/Dry: Amt	9C 64	-100 100
10			Wet/Dry: Src	00 19	None Tempo
2¥: ## Stereo Gate	0		Threshold	00 64	0 100
	1		Attack	01 64	1 100
	2		Release	01 64	1 100
	3		Delay Time [msec]	00 64	0 100
	4		Envelope Select: Src	00 04	None Gate2+Sus
	5		Wet/Dry: Src	00 19	None Tempo
	6		Wet/Dry: Amt	9C 64	-100 100
	7		Wet/Dry	00 64	Dry Wet
	8		Type Select	00 02	Level Trigger Release
	9		Envelope Select	00 03	D-mod R Only
	10		Polarity	00 01	+ -
	14		Hold Time [msec]	00 0BB8	0 3000
	15				

Effect Parameter

2¥: ## OD/Hi-Gain Wah

OFS	bit	parameter	DATA (hex)		Value	
0	1 ... 7	Drive	01	64	1	100
	0	Drive Mode	00	01	Overdrive	Hi-Gain
1	7	Speaker Simulation	00	01	Off	On
	6	Wah	00	01	Off	On
2	0 ... 5	Direct Mix	00	32	0	50
	3 ... 7	Wah: Src	00	19	None	Tempo
3	0 ... 2	Wet/Dry: Src	00	19	None	Tempo
	6 ... 7	Wet/Dry	00	64	Dry	Wet
4	0 ... 5	Wet/Dry	00	64	Dry	Wet
	7	Output Level	00	32	0	50
5	0	Pre Low-cut	00	0A	0	10
	5 ... 7	Wah Sweep Range	F6	0A	-10	10
6	0 ... 4	Wah Sweep Range	F6	0A	-10	10
		Wet/Dry: Amt	9C	64	-100	100
7	2 ... 7	Band4 Cutoff [Hz]	00	37	500	20
	0 ... 1	Band3 Cutoff [Hz]	01	3F	300	10.00k
8	4 ... 7	Band2 Cutoff [Hz]	00	3B	30	5.00k
	0 ... 3	Band2 Cutoff [Hz]	00	3B	30	5.00k
9	6 ... 7	Band1 Cutoff [Hz]	00	31	20	1.00k
	0 ... 5	Band1 Cutoff [Hz]	00	31	20	1.00k
10	2 ... 7	Band4: Q	00	3C	0.5	10
	0 ... 1	Band3: Q	00	3C	0.5	10
11	4 ... 7	Band2: Q	00	3C	0.5	10
	0 ... 3	Band2: Q	00	3C	0.5	10
12	6 ... 7	Band1: Q	00	3C	0.5	10
	0 ... 5	Band1: Q	00	3C	0.5	10
13	2 ... 7	Band4: Gain [dB]	EE	12	-18	18
	0 ... 1	Band3: Gain [dB]	EE	12	-18	18
14	4 ... 7	Band2: Gain [dB]	EE	12	-18	18
	0 ... 3	Band2: Gain [dB]	EE	12	-18	18
15	6 ... 7	Band1: Gain [dB]	EE	12	-18	18
	0 ... 5	Band1: Gain [dB]	EE	12	-18	18

2¥: ## St. Parametric 4EQ

0		Trim	00	64	0	100
1	7	Band4 Type	00	01	Peaking	Shelving-High
	1 ... 6	Band1 Cutoff [Hz]	00	31	20	1.00k
	0	Band1 Type	00	01	Peaking	Shelving-Low
2		Band1: Q	00	5F	0.5	10
3		Band1: Gain [dB]	DC	24	-18	18
4		Band2 Cutoff [Hz]	00	C7	50	10.00k
5		Band2: Q	00	5F	0.5	10
6		Band2: Gain [dB]	DC	24	-18	18
7		Band2 Dynamic Gain Src	00	19	None	Tempo
8		Band2 Dynamic Gain: Amt [dB]	DC	24	-18	18
9		Band3 Cutoff [Hz]	00	61	300	10.00k
10		Band3: Q	00	5F	0.5	10
11		Band3: Gain [dB]	DC	24	-18	18
12		Band4 Cutoff [Hz]	00	C3	500	20
13		Band4: Q	00	5F	0.5	10
14		Band4: Gain [dB]	DC	24	-18	18
15		Wet/Dry	00	64	Dry	Wet

2¥: ## St. Graphic 7EQ

0		Type	00	0B	1:Wide 1	12:Wide High
1		Trim	00	64	0	100
2		Band1 [dB]	DC	24	-18	18
3		Band2 [dB]	DC	24	-18	18
4		Band3 [dB]	DC	24	-18	18
5		Band4 [dB]	DC	24	-18	18
6		Band5 [dB]	DC	24	-18	18
7		Band6 [dB]	DC	24	-18	18
8		Band7 [dB]	DC	24	-18	18
9		Wet/Dry	00	64	Dry	Wet
10		Wet/Dry: Src	00	19	None	Tempo
11		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

2✂: ## Graphic 13Band EQ

OFS	bit	parameter	DATA (hex)		Value	
0	1 ... 7	Trim	00	64	0	100
	0	Band1 [dB]	DC	24	-18	18
1	2 ... 7	Band2 [dB]	DC	24	-18	18
	0 ... 1					
2	3 ... 7	Band3 [dB]	DC	24	-18	18
	0 ... 2					
3	4 ... 7	Band4 [dB]	DC	24	-18	18
	0 ... 3					
4	5 ... 7	Band5 [dB]	DC	24	-18	18
	0 ... 4					
5	6 ... 7	Band6 [dB]	DC	24	-18	18
	0 ... 5					
6	7	Band7 [dB]	DC	24	-18	18
	0 ... 6					
7	1 ... 7	Band8 [dB]	DC	24	-18	18
	0	Type	00	01	A	B
8		Band9 [dB]	DC	24	-18	18
9		Band10 [dB]	DC	24	-18	18
10		Band11 [dB]	DC	24	-18	18
11		Band12 [dB]	DC	24	-18	18
12		Band13 [dB]	DC	24	-18	18
13		Wet/Dry	00	64	Dry	Wet
14		Wet/Dry: Src	00	19	None	Tempo
15		Wet/Dry: Amt	9C	64	-100	100
2✂: ## St. Random Filter						
0		AUTOFADE Src	00	19	None	Tempo
1		Fade-In Rate	01	64	1	100
2		LFO Frequency [Hz]	01	C6	0.05	50
3		LFO Frequency [Hz]: Src	00	1A	None	AUTOFADE
4		LFO Frequency [Hz]: Amt	9C	64	-100	100
5		Cutoff	00	64	0	100
6		Depth	00	64	0	100
7		Depth: Src	00	1A	None	AUTOFADE
8		Depth: Amt	9C	64	-100	100
9		Resonance	00	64	0	100
10		Spread	9C	64	-100	100
11		Wet/Dry	9C	64	-Wet	Wet
12		Wet/Dry: Src	00	1A	None	AUTOFADE
13		Wet/Dry: Amt	9C	64	-100	100
2✂: ## Stereo Enhancer						
0		Exciter Blend	9C	64	-100	100
1		Exciter Blend: Amt	9C	64	-100	100
2		Emphatic Point	00	8C	0	140
3		Emphatic Point: Amt	9C	64	-100	100
4		Enhancer Dly L [msec]	00	8C	0	50
5		Enhancer Dly R [msec]	00	8C	0	50
6		Enhancer Width: Amt	9C	64	-100	100
7		Wet/Dry: Amt	9C	64	-100	100
8	0 ... 6	EQ Trim	00	64	0	100
9	1 ... 7	Enhancer Ambience	00	64	0	100
	0	Enhancer Width	00	64	0	100
10	2 ... 7	Emphatic Point: Src	00	19	None	Tempo
	0 ... 1					
11	5 ... 7	Exciter Blend: Src	00	19	None	Tempo
	0 ... 4					
12	2 ... 6	Wet/Dry: Src	00	19	None	Tempo
	0 ... 1	Wet/Dry	00	64	Dry	Wet
13	3 ... 7	Pre HEQ Gain [dB]	E2	1E	-15	15
	0 ... 2					
14	4 ... 7	Pre LEQ Gain [dB]	E2	1E	-15	15
	0 ... 3					
15	5 ... 7	Enhancer Width: Src	00	19	None	Tempo
	0 ... 4					

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value	
2¥: ## Talking Modulator	0		Manual Voice Control	00 64	Bottom	Top
	1		Manual Voice Control: Src	00 19	None	Tempo
	2		Voice Top	00 04	A	0
	3		Voice Center	00 04	A	0
	4		Voice Bottom	00 04	A	0
	5		Formant Shift	9C 64	-100	100
	6		Resonance	00 64	0	100
	7		Wet/Dry	00 64	Dry	Wet
	8		Wet/Dry: Src	00 19	None	Tempo
9		Wet/Dry: Amt	9C 64	-100	100	
2¥: ## Stereo Decimator	0		Pre LPF	00 01	Off	On
	1		Sampling Freq [Hz]	0A F0	1.00k	24.00k
	2		Sampling Freq [Hz]: Src	00 19	None	Tempo
	3		Sampling Freq [Hz]: Amt	88 78	-24.00¥k	24.00k
	4		High Damp [%]	00 64	0	100
	5		Wet/Dry	00 64	Dry	Wet
	6		Wet/Dry: Src	00 19	None	Tempo
7		Wet/Dry: Amt	9C 64	-100	100	
2¥: ## Stereo Chorus	0		LFO Frequency [Hz]	01 E6	0.02	20
	1		LFO Phase [degree]	EE 12	-180	180
	2		L Pre Delay [msec]	00 8C	0	50
	3		R Pre Delay [msec]	00 8C	0	50
	4	7	LFO Waveform	00 01	Triangle	Sine
		0 ... 6	Depth	00 64	0	100
	5		Spread	9C 64	-100	100
	6		Wet/Dry	9C 64	-Wet	Wet
	7		LFO Frequency [Hz]: Amt	8D 73	-20	20
	8		Depth: Amt	9C 64	-100	100
	9		Wet/Dry: Amt	9C 64	-100	100
	10		EQ Trim	00 64	0	100
	11	1 ... 6	Pre HEQ Gain [dB]	E2 1E	-15	15
		0 ... 7	Pre LEQ Gain [dB]	E2 1E	-15	15
	12	0 ... 2	Fade-In Rate	01 64	1	100
13	4 ... 7					
	0 ... 3	AUTOFADESrc	00 19	None	Tempo	
14	7					
	2 ... 6	Wet/Dry: Src	00 1A	None	AUTOFADE	
	0 ... 1	Depth: Src	00 1A	None	AUTOFADE	
15	5 ... 7					
	0 ... 4	LFO Frequency [Hz]: Src	00 1A	None	AUTOFADE	
2¥: ## St. HarmonicChorus	0		High/Low Split Point	01 64	1	100
	1		LFO Phase [degree]	EE 12	-180	180
	2		LFO Frequency [Hz]	01 E6	0.02	20
	3		Pre Delay [msec]	00 8C	0	50
	4	7	LFO Waveform	00 01	Triangle	Sine
		0 ... 6	Depth	00 64	0	100
	5		Feedback	9C 64	-100	100
	6		High Damp [%]	00 64	0	100
	7		Low Level	00 64	0	100
	8		High Level	00 64	0	100
	9		Wet/Dry	00 64	Dry	Wet
	10		LFO Frequency [Hz]: Amt	8D 73	-20	20
	11		Depth: Amt	9C 64	-100	100
	12		Wet/Dry: Amt	9C 64	-100	100
	13		LFO Frequency [Hz]: Src	00 19	None	Tempo
14		Depth: Src	00 19	None	Tempo	
15		Wet/Dry: Src	00 19	None	Tempo	

Effect Parameter

2✂: ## Multitap Chorus/Dly

OFS	bit	parameter	DATA (hex)		Value	
0		Tap1 Feedback	9C	64	-100	100
1		Tap1 Feedback: Amt	9C	64	-100	100
2		Wet/Dry: Amt	9C	64	-100	100
3	4 ... 7	Tap1: Pan	FA	06	L6	R6
	0 ... 3	Tap4: Pan	FA	06	L6	R6
4	4 ... 7	Tap2: Level	FA	06	L6	R6
	0 ... 3	Tap3: Pan	FA	06	L6	R6
5	0 ... 5	Wet/Dry	00	64	Dry	Wet
6						
	2 ... 6	Tap1 Feedback: Src	00	19	None	Tempo
	0 ... 1	Tap2: Level	00	1E	0	570
7	5 ... 7					
	0 ... 4	Tap3: Level	00	1E	0	30
8	3 ... 7	Tap1: Level	00	1E	0	30
	0 ... 2	Tap2(180) [msec]	00	7F	0	570
9	4 ... 7					
	0 ... 3	Tap2: Depth	00	1E	0	30
10	7					
	2 ... 6	Tap3: Depth	00	1E	0	30
	0 ... 1	Tap1: Depth	00	1E	0	30
11	5 ... 7					
	0 ... 4	Tap4: Depth	00	1E	0	30
12	3 ... 7	Tap4: Level	00	1E	0	30
	0 ... 2	LFO Frequency [Hz]	01	3F	0.02	13
13	5 ... 7					
	0 ... 4	Tap3(090) [msec]	00	7F	0	570
14	6 ... 7					
	0 ... 5	Tap1(000) [msec]	00	7F	0	570
15	7					
	0 ... 6	Tap4(270) [msec]	00	7F	0	570

2✂: ## Ensemble

0		Speed	01	64	1	100
1		Depth	00	64	0	100
2		Wet/Dry	00	64	Dry	Wet
4		Speed: Amt	9C	64	-100	100
5		Depth: Amt	9C	64	-100	100
6		Wet/Dry: Amt	9C	64	-100	100
7		Speed: Src	00	19	None	Tempo
8		Depth: Src	00	19	None	Tempo
9		Wet/Dry: Src	00	19	None	Tempo
15		Shimmer	00	64	0	100

2✂: ## Stereo Flanger

0	6	FB Mode	00	01	0	1
	5	LFO Waveform	00	01	Triangle	Sine
	0 ... 4	AUTOFADE Src	00	19	None	Tempo
1		Fade-In Rate	01	64	1	100
2		Delay Time [msec]	00	8C	0	50
3		LFO Shape	9C	64	-100	100
4		LFO Phase [degree]	EE	12	-180	180
5		LFO Frequency [Hz]	01	E6	0.02	20
6		LFO Frequency [Hz]: Src	00	1A	None	AUTOFADE
7		LFO Frequency [Hz]: Amt	8D	73	-20	20
8		Depth	00	64	0	100
9		Feedback	9C	64	-100	100
10		High Damp [%]	00	64	0	100
11		Spread	9C	64	-100	100
12		Wet/Dry	9C	64	-Wet	Wet
13		Wet/Dry: Src	00	1A	None	AUTOFADE
14		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

2✂: ## St. Random Flanger

OFS	bit	parameter	DATA (hex)		Value	
0		Delay Time [msec]	00	8C	0	50
1	2 ... 7	LFO Frequency [Hz]: Src	00	19	None	Tempo
	1	FB Mode	00	01	Normal	Cross
	0	LFO Waveform	00	01	Step-Tri	Random
2		LFO Phase [degree]	EE	12	-180	180
3		LFO Frequency [Hz]	01	E6	0.02	20
4		LFO Step Freq [Hz]	01	C8	0.05	50
5		Depth	00	64	0	100
6		Feedback	9C	64	-100	100
7		High Damp [%]	00	64	0	100
8		Spread	9C	64	-100	100
9		Wet/Dry	9C	64	-Wet	Wet
10		LFO Frequency [Hz]: Amt	8D	73	-20	20
11		LFO Step Freq [Hz]: Amt	9C	64	-50	50
12		Wet/Dry: Src	00	19	None	Tempo
13		Wet/Dry: Amt	9C	64	-100	100

2✂: ## St. Tempo Flanger

0		Fade-In Rate	01	64	1	100
1		Delay Time [msec]	00	8C	0	50
2		LFO Shape	9C	64	-100	100
3		LFO Phase [degree]	EE	12	-180	180
4		Src (fixed)	19	19	Tempo	Tempo
5		Tempo [beat/min]	1E	FA	30	250
6		Length	01	10	1	16
7		Length: /	01	10	1	16
8		Depth	00	64	0	100
9		Feedback	9C	64	-100	100
10		High Damp [%]	00	64	0	100
11		Spread	9C	64	-100	100
12		Wet/Dry	9C	64	-Wet	Wet
13		Wet/Dry: Src	00	1A	None	AUTOFADE
14		Wet/Dry: Amt	9C	64	-100	100
15	7	FB Mode	00	01	Normal	Cross
	6	LFO Mode	00	01	Manual	D-mod
	5	LFO Waveform	00	01	Triangle	Sine
	0 ... 4	AUTOFADE Src	00	19	None	AUTOFADE

2✂: ## Stereo Phaser

0	2 ... 7	LFO Frequency [Hz]: Src	00	1A	None	AUTOFADE
	1	LFO Waveform	00	01	Triangle	Sine
1		LFO Shape	9C	64	-100	100
2		LFO Phase [degree]	EE	12	-180	180
3		LFO Frequency [Hz]	01	E6	0.02	20
4		LFO Frequency [Hz]: Amt	8D	73	-20	20
5		Manual	00	64	0	100
6		Depth	00	64	0	100
7		Resonance	9C	64	-100	100
8		High Damp [%]	00	64	0	100
9		Spread	9C	64	-100	100
10		Wet/Dry	9C	64	-Wet	Wet
11		Wet/Dry: Src	00	1A	None	AUTOFADE
12		Wet/Dry: Amt	9C	64	-100	100
13		AUTOFADE Src	00	19	None	Tempo
14		Fade-In Rate	01	64	1	100

2✂: ## St. Random Phaser

0		LFO Waveform	00	02	Step-Tri	Random
1		LFO Phase [degree]	EE	12	-180	180
2		LFO Frequency [Hz]	01	E6	0.02	20
3		LFO Frequency [Hz]: Src	00	19	None	Tempo
4		LFO Frequency [Hz]: Amt	8D	73	-20	20
5		LFO Step Freq [Hz]	01	C8	0.05	50
6		LFO Step Freq [Hz]: Amt	9C	64	-50	50
7		Manual	00	64	0	100
8		Depth	00	64	0	100
9		Resonance	9C	64	-100	100
10		High Damp [%]	00	64	0	100
11		Spread	9C	64	-100	100
12		Wet/Dry	9C	64	-Wet	Wet
13		Wet/Dry: Src	00	19	None	Tempo
14		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

2✂: ## St. Tempo Phaser

OFS	bit	parameter	DATA (hex)		Value	
0		Fade-In Rate	01	64	1	100
1		LFO Shape	9C	64	-100	100
2		LFO Phase [degree]	EE	12	-180	180
3		Src (fixed)	19	19	Tempo	Tempo
4		Tempo [beat/min]	1E	FA	30	250
5		Length	01	10	1	16
6		Length: /	01	10	1	16
7		Manual	00	64	0	100
8		Depth	00	64	0	100
9		Resonance	9C	64	-100	100
10		High Damp [%]	00	64	0	100
11		Spread	9C	64	-100	100
12		Wet/Dry	9C	64	-Wet	Wet
13		Wet/Dry: Src	00	1A	None	AUTOFADE
14		Wet/Dry: Amt	9C	64	-100	100
15	6	LFO Mode	00	01	Manual	D-mod
15	5	LFO Waveform	00	01	Triangle	Sine
15	0 ... 4	AUTOFADE Src	00	19	None	Tempo
0		LFO1 Frequency [Hz]	01	FA	0.02	30
1		LFO2 Frequency [Hz]	01	FA	0.02	30
2		L Pre Delay [msec]	00	8C	0	50
3	7	LFO1 Waveform	00	01	Triangle	Sine
	0 ... 6	Depth1	00	64	0	100
4	7	LFO2 Waveform	00	01	Triangle	Sine
	0 ... 6	Depth2	00	64	0	100
5		Feedback	9C	64	-100	100
6	7	LFO Phase Sw	00	01	0 degree	180 degree
	0 ... 6	High Damp [%]	00	64	0	100
7		Wet/Dry	9C	64	-Wet	Wet
8		LFO1 Frequency [Hz]: Amt	83	7D	-30	30
9		LFO2 Frequency [Hz]: Amt	83	7D	-30	30
10		Depth1: Amt	9C	64	-100	100
11		Depth2: Amt	9C	64	-100	100
12		Wet/Dry: Amt	9C	64	-100	100
13		R Pre Delay [msec]	00	8C	0	50
14	2 ... 6	LFO1 Frequency [Hz]: Src	00	19	None	Tempo
	0 ... 1	Depth1: Src	00	19	None	Tempo
15	5 ... 7					
	0 ... 4	Wet/Dry: Src	00	19	None	Tempo
0		LFO Waveform	00	01	Triangle	Sine
1		LFO Shape	9C	64	-100	100
2		LFO Frequency [Hz]	01	E6	0.02	20
3		Depth	00	64	0	100
4		Wet/Dry	00	64	Dry	Wet
5		LFO Frequency [Hz]: Amt	8D	73	-20	20
6		Depth: Amt	9C	64	-100	100
7		Wet/Dry: Amt	9C	64	-100	100
8		LFO Frequency [Hz]: Src	00	1A	None	AUTOFADE
9		Depth: Src	00	19	None	Tempo
10		Wet/Dry: Src	00	19	None	Tempo
11		AUTOFADE Src	00	19	None	Tempo
12		Fade-In Rate	01	64	1	100
14		Fade-In Delay [msec]	00	C8	0	200

2✂: ## St. Bi-phase Mod.

2✂: ## Stereo Vibrato

Effect Parameter

2✶: ## 2-Voice Resonator

OFS	bit	parameter	DATA (hex)		Value	
0	4 ... 7	Voice2: Fine [cent]	FB	05	-50	50
	0 ... 3	Voice1: Fine [cent]	FB	05	-50	50
1	7	LFO/D-mod Invert	00	01	Off	On
	0 ... 6	Trim	00	64	0	100
2		Voice1: Resonance	9C	64	-100	100
3		Voice2: Resonance	9C	64	-100	100
4		LFO Frequency [Hz]	01	E6	0.02	20
5		Wet/Dry: Amt	9C	64	-100	100
6		Mod Depth	9C	64	-100	100
7	4 ... 7	Voice2: Pan	FA	06	L6	R6
	0 ... 3	Voice1: Pan	FA	06	L6	R6
8	2 ... 6	Wet/Dry: Src	00	19	None	Tempo
	0 ... 1	D-mod Src	00	19	None	Tempo
9	5 ... 7					
10	0 ... 4	Wet/Dry	00	64	Dry	Wet
	6 ... 7					
11	0 ... 5	Voice2: Level	00	64	0	100
	7					
12	0 ... 6	Voice1: Level	00	64	0	100
	4 ... 5	Control Mode	00	02	Manual	D-mod
13	0 ... 3	Voice2: High Damp [%]	00	64	0	100
	5 ... 7					
14	0 ... 4	Voice1: High Damp [%]	00	64	0	100
	6 ... 7					
15	0 ... 5	Voice2: Pitch	00	6B	C0	B8
	7					
15	0 ... 6	Voice1: Pitch	00	6B	C0	B8

2✶: ## Doppler

0		LFO Mode	00	01	0	1
1		LFO Mode: Src	00	19	None	Tempo
2		LFO Frequency [Hz]	01	E6	0.02	20
3		LFO Frequency [Hz]: Src	00	19	None	Tempo
4		LFO Frequency [Hz]: Amt	8D	73	-20	20
5		Pitch Depth	00	64	0	100
6		Pitch Depth: Src	00	19	None	Tempo
7		Pitch Depth: Amt	9C	64	-100	100
8		Pan Depth	9C	64	-100	100
9		Pan Depth: Src	00	19	None	Tempo
10		Pan Depth: Amt	9C	64	-100	100
11		Wet/Dry	00	64	Dry	Wet
12		Wet/Dry: Src	00	19	None	Tempo
13		Wet/Dry: Amt	9C	64	-100	100

2✶: ## Stereo Tremolo

0		AUTOFADE Src	00	19	None	Tempo
1		Fade-In Rate	01	64	1	100
2		LFO Waveform	00	04	Triangle	Down
3		LFO Shape	9C	64	-100	100
4		LFO Phase [degree]	EE	12	-180	180
5		LFO Frequency [Hz]	01	E6	0.02	20
6		LFO Frequency [Hz]: Src	00	1A	None	AUTOFADE
7		LFO Frequency [Hz]: Amt	8D	73	-20	20
8		Depth	00	64	0	100
9		Depth: Src	00	1A	None	AUTOFADE
10		Depth: Amt	9C	64	-100	100
11		Wet/Dry	00	64	Dry	Wet
12		Wet/Dry: Src	00	1A	None	AUTOFADE
13		Wet/Dry: Amt	9C	64	-100	100

2✶: ## Stereo Auto Pan

0		LFO Waveform	00	01	Triangle	Sine
1		LFO Shape	9C	64	-100	100
2		LFO Phase [degree]	EE	12	-180	180
3		LFO Frequency [Hz]	01	E6	0.02	20
4		LFO Frequency [Hz]: Src	00	19	None	Tempo
5		LFO Frequency [Hz]: Amt	8D	73	-20	20
6		Depth	00	64	0	100
7		Depth: Src	00	19	None	Tempo
8		Depth: Amt	9C	64	-100	100
9		Wet/Dry	00	64	Dry	Wet
10		Wet/Dry: Src	00	19	None	Tempo
11		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

2✂: ## St. Envelope Pan

OFS	bit	parameter	DATA (hex)		Value	
0		Pan Mode	00	01	EG	D-mod
1		Pan Mode: Src	00	19	None	Tempo
2		EG Attack	01	64	1	100
3		EG Release	01	64	1	100
4		Lch Start Offset	00	64	L	R
5		Lch: Destination Offset	00	64	L	R
6		Rch Start Offset	00	64	L	R
7		Rch: Destination Offset	00	64	L	R
8		Wet/Dry	00	64	Dry	Wet
9		Wet/Dry: Src	00	19	None	Tempo
10		Wet/Dry: Amt	9C	64	-100	100

2✂: ## Stereo Dyna Pan

0		Trigger Source	00	19	None	Tempo
1		Trigger Direction	00	01	Attack	Release
2		Panning Mode	00	01	Alternate	Random
3		Count	01	10	1	16
4		Reset Interval	00	64	0	100
5		Panning Rate	01	64	1	100
6		Panning Rate: Src	00	19	None	Tempo
7		Panning Rate: Amt	9C	64	-100	100
8		Lch Start Offset	00	64	L	R
9		Lch: Destination Offset	00	64	L	R
10		Rch Start Offset	00	64	L	R
11		Rch: Destination Offset	00	64	L	R
12		Wet/Dry	00	64	Dry	Wet
13		Wet/Dry: Src	00	19	None	Tempo
14		Wet/Dry: Amt	9C	64	-100	100

2✂: ## Phaser+Tremolo

0		LFO Frequency [Hz]	01	E6	0.02	20
1		LFO Frequency [Hz]: Amt	8D	73	-20	20
2		Phaser Manual	00	64	0	100
3		Phaser Depth: Amt	9C	64	-100	100
4		Phaser Resonance	9C	64	-100	100
5		Phaser Wet/Dry	9C	64	-Wet	Wet
6		Tremolo LFO Shape	9C	64	-100	100
7		Tremolo Depth: Amt	9C	64	-100	100
8		Wet/Dry	00	64	Dry	Wet
9		Wet/Dry: Amt	9C	64	-100	100
10	1 ... 7	Phaser Depth	00	64	0	100
	0	Phaser LFO [degree]	FA	06	-180	180
11	5 ... 7					
	0 ... 4	LFO Frequency [Hz]: Src	00	19	None	Tempo
12	1 ... 7	Tremolo Depth	00	64	0	100
	0	Tremolo LFO [degree]	FA	06	-180	180
13	5 ... 7					
	0 ... 4	Phaser Depth: Src	00	19	None	Tempo
14	2 ... 7	Wet/Dry: Src	00	19	None	Tempo
	0 ... 1	Tremolo Depth: Src	00	19	None	Tempo
15	4 ... 7					
	0 ... 3	Diff Tremolo<->Phaser	FA	06	-180	180

2✂: ## Shimmer

0		Envelope Sens	00	64	0	100
1		Envelope Shape	9C	64	-100	100
2		LFO Waveform	00	04	Triangle	Down
3		LFO Shape	9C	64	-100	100
4		LFO Phase [degree]	EE	12	-180	180
5		LFO Frequency [Hz]	01	E6	0.02	20
6		LFO Frequency [Hz]: Amt	8D	73	-20	20
7		Depth	00	64	0	100
8		Depth: Amt	9C	64	-100	100
9		Wet/Dry	00	64	Dry	Wet
10		Wet/Dry: Src	00	19	None	Tempo
11		Wet/Dry: Amt	9C	64	-100	100

2✂: ## Detune

0		Pitch Shift [cent]	9C	64	-100	100
1		Pitch Shift [cent]: Src	00	19	None	Tempo
2		Pitch Shift [cent]: Amt	9C	64	-100	100
3		Delay Time [msec]	00	BE	0	1000
4		High Damp [%]	00	64	0	100
5		Wet/Dry	00	64	Dry	Wet
6		Wet/Dry: Src	00	19	None	Tempo
7		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

2✂: ## Pitch Shifter

OFS	bit	parameter	DATA (hex)		Value	
0		Input Level	00	64	0	100
1		Input Level: Src	00	19	None	Tempo
2		Input Level: Amt	9C	64	-100	100
3		Mode	00	02	Slow	Fast
4		Pitch Shift [1/2tone]	E8	18	-24	24
5		Pitch Shift [1/2tone]: Src	00	19	None	Tempo
6		Pitch Shift [1/2tone]: Amt	E8	18	-24	24
7		Fine [cent]	9C	64	-100	100
8		Fine [cent]: Amt	9C	64	-100	100
9		Delay Time [msec]	00	BE	0	1000
10		Feedback	9C	64	-100	100
11		High Damp [%]	00	64	0	100
12		Wet/Dry	00	64	Dry	Wet
13		Wet/Dry: Src	00	19	None	Tempo
14		Wet/Dry: Amt	9C	64	-100	100

2✂: ## Pitch Shift Mod.

0		Pitch Shift [cent]	9C	64	-100	100
1		LFO Waveform	00	01	Triangle	Square
2		LFO Frequency [Hz]	01	E6	0.02	20
3		LFO Frequency [Hz]: Src	00	19	None	Tempo
4		LFO Frequency [Hz]: Amt	8D	73	-20	20
5		Depth	9C	64	-100	100
6		Depth: Src	00	19	None	Tempo
7		Depth: Amt	9C	64	-100	100
8		Pan	00	64	0	100
9		Wet/Dry	00	64	Dry	Wet
10		Wet/Dry: Src	00	19	None	Tempo
11		Wet/Dry: Amt	9C	64	-100	100

2✂: ## Rotary Speaker

0	1	Speed Switch	00	01	Slow	Fast
	0	Mode Switch	00	01	Stop	Ratate
1		Rotor Acceleration	00	64	0	100
2		Rotor Ratio	31	C8	Stop	2
3		Horn Acceleration	00	64	0	100
4		Horn Ratio	31	C8	Stop	2
5		Rotor/Horn Balance	00	64	Rotor	Horn
6	0 ... 6	Mic Distance	00	32	0	50
7	0 ... 6	Mic Spread	00	32	0	50
8		Wet/Dry	00	64	Dry	Wet
9		Manual Speed Control	00	19	0	25
10		Mode Switch: Src	00	19	None	Tempo
11		Mode Switch: Sw	00	01	Momentary	Toggle
12		Speed Switch: Src	00	19	None	Tempo
13		Speed Switch: Sw	00	01	Momentary	Toggle
14		Wet/Dry: Src	00	19	None	Tempo
15		Wet/Dry: Amt	9C	64	-100	100

2✂: ## Dual Delay

0		L Feedback	9C	64	-100	100
1		R Feedback	9C	64	-100	100
2		Amt L	9C	64	-100	100
3		Amt R	9C	64	-100	100
4		L Wet/Dry: Amt	9C	64	-100	100
5		R Wet/Dry: Amt	9C	64	-100	100
6	1 ... 7	L Low Damp [%]	00	64	0	100
	0	R High Damp [%]	00	64	0	100
7	2 ... 7					
	0 ... 1	R Wet/Dry	00	64	Dry	Wet
8	3 ... 7					
	0 ... 2	L Wet/Dry	00	64	Dry	Wet
9	4 ... 7					
	0 ... 3	L High Damp [%]	00	64	0	100
10	5 ... 7					
	0 ... 4	R Low Damp [%]	00	64	0	100
11	6 ... 7					
	1 ... 5	Input Level D-mod: Src	00	19	None	Tempo
	0	L Wet/Dry: Src	00	19	None	Tempo
12	4 ... 7					
	0 ... 3	L Delay Time [msec]	00	1A90	0	680
13						
14	6 ... 7					
	0 ... 5	R Delay Time [msec]	00	1A90	0	680
15						

Effect Parameter

2☒: ## Stereo Delay

OFS	bit	parameter	DATA (hex)		Value	
0		Feedback	9C	64	-100	100
1		High Damp [%]	00	64	0	100
2		Low Damp [%]	00	64	0	100
3		Wet/Dry	00	64	Dry	Wet
4		Spread	9C	64	-100	100
5		Feedback: Amt	9C	64	-100	100
6		Wet/Dry: Amt	9C	64	-100	100
7		Input Level D-mod: Amt	9C	64	-100	100
8		Spread: Amt	9C	64	-100	100
9	7	Stereo/Cross	00	01	Stereo	Cross
	0 ... 4	Spread: Src	00	19	None	Tempo
10	2 ... 7	Feedback: Src	00	19	None	Tempo
	0 ... 1	Wet/Dry: Src	00	19	None	Tempo
11	5 ... 7					
	0 ... 4	Input Level D-mod: Src	00	19	None	Tempo
12		R Delay Time [msec]	00	1A90	0	680
13						
14		L Delay Time [msec]	00	1A90	0	680
15						

2☒: ## St. Multitap Delay

0		Feedback	9C	64	-100	100
1	6 ... 7	Mode	00	03	Normal	Cross Pan2
	0 ... 4	Spread: Src	00	19	None	Tempo
2	2 ... 6	Feedback: Src	00	19	None	Tempo
	0 ... 1	Wet/Dry: Src	00	19	None	Tempo
3	5 ... 7	Wet/Dry: Src	00	19	None	Tempo
	0 ... 4	Input Level D-mod: Src	00	19	None	Tempo
4		Spread	9C	64	-100	100
5		Feedback: Amt	9C	64	-100	100
6		Wet/Dry: Amt	9C	64	-100	100
7		Input Level D-mod: Amt	9C	64	-100	100
8		Spread: Amt	9C	64	-100	100
9	1 ... 7	Tap1 Level	00	64	0	100
	0	Wet/Dry	00	64	Dry	Wet
10	2 ... 7					
	0 ... 1	Low Damp [%]	00	64	0	100
11	3 ... 7					
	0 ... 2	High Damp [%]	00	64	0	100
12	4 ... 7					
	0 ... 3	Tap2 Time [msec]	00	1A90	0	680
13						
14	6 ... 7					
	0 ... 5	Tap1 Time [msec]	00	1A90	0	680
15						

2☒: ## L/C/R Delay

0		Feedback	9C	64	-100	100
1		Feedback: Amt	9C	64	-100	100
2		Wet/Dry: Amt	9C	64	-100	100
3		Input Level D-mod: Amt	9C	64	-100	100
4	1 ... 7	Wet/Dry	00	64	Dry	Wet
	0	High Damp [%]	00	64	0	100
5	2 ... 7					
	0 ... 1	Low Damp [%]	00	64	0	100
6	3 ... 7					
	0 ... 2	Spread	00	32	0	50
7	5 ... 7					
	0 ... 4	Feedback: Src	00	19	None	Tempo
8	3 ... 7	Wet/Dry: Src	00	19	None	Tempo
	0 ... 2	Input Level D-mod: Src	00	19	None	Tempo
9	6 ... 7					
	0 ... 5	L: Level	00	32	0	50
10	2 ... 7	C: Level	00	32	0	50
	0 ... 1	R: Level	00	32	0	50
11	4 ... 7					
	0 ... 3	L Delay Time [msec]	00	550	0	1360
12						
13		C Delay Time [msec]	00	550	0	1360
14	4 ... 7					
	0 ... 3	R Delay Time [msec]	00	550	0	1360
15						

Effect Parameter

2✂: ## Tempo Delay

OFS	bit	parameter	DATA (hex)		Value	
0		Feedback	9C	64	-100	100
1	0 ... 6	Count [times]	00	60	0	96
2	7	Feedback Count	00	01	Off	On
	0 ... 6	Low Damp [%]	00	64	0	100
3	7	Mode	00	01	Manual	D-mod
	0 ... 6	Wet/Dry	00	64	Dry	Wet
4		Feedback: Amt	9C	64	-100	100
5		Wet/Dry: Amt	9C	64	-100	100
6		Input Level D-mod: Amt	9C	64	-100	100
7	1 ... 7	High Damp [%]	00	64	0	100
	0	Src (fixed)	19	19	Tempo	Tempo
8	4 ... 7					
	0 ... 3	Src (fixed)	01	01	Gate1	Gate1
9	7					
	2 ... 6	Wet/Dry: Src	00	19	None	Tempo
	0 ... 1	Input Level D-mod: Src	00	19	None	Tempo
10	5 ... 7					
	0 ... 4	Feedback: Src	00	19	None	Tempo
11		Time Adjust [%]	FC18	x3E8	-10	10
12						
13		Length	01	60	1	96
14		Length: /	01	60	1	96
15		Tempo [beat/min]	1E	FA	30	250

2✂: ## St. Modulation Delay

0		L Feedback	9C	64	-100	100
1		R Feedback	9C	64	-100	100
2		L Depth	00	C8	0	200
3		R Depth	00	C8	0	200
4		LFO Shape	9C	64	-100	100
5		LFO Frequency [Hz]	01	E6	0.02	20
6		Wet/Dry: Amt	9C	64	-100	100
7	7	LFO Waveform	00	01	Triangle	Sine
	6	Modulation Mode	00	01	LFO	D-mod
	0 ... 5	L LFO Phase [degree]	EE	12	-180	180
8		Wet/Dry	9C	64	-Wet	Wet
9	7	LFO Sync	00	01	Off	On
	2 ... 6	D-mod Modulation: Src	00	19	None	Tempo
	0 ... 1	LFO Sync: Src	00	19	None	Tempo
10	5 ... 7					
	0 ... 4	Wet/Dry: Src	00	19	None	Tempo
11	7	D-mod Modulation	00	01	L/R: +/+	L/R: +/-
	0 ... 6	Response	00	1E	0	30
12	2 ... 7	R LFO Phase [degree]	EE	12	-180	180
	0 ... 1	R Delay Time [msec]	00	1388	0	500
13						
14	5 ... 7					
	0 ... 4	L Delay Time [msec]	00	1388	0	500
15						

2✂: ## St. Dynamic Delay

0		Threshold	00	64	0	100
1		Attack	01	64	1	100
2		Release	01	64	1	100
3		Feedback	9C	64	-100	100
4		High Damp [%]	00	64	0	100
5		Low Damp [%]	00	64	0	100
6		Spread	9C	64	-100	100
7		Wet/Dry	00	64	Dry	Wet
8		Wet/Dry: Amt	9C	64	-100	100
9		Wet/Dry: Src	00	19	None	Tempo
10		Control Target	00	03	None	FB
11		Polarity	00	01	+	-
12		L Delay Time [msec]	00	1A90	0	680
13						
14		R Delay Time [msec]	00	1A90	0	680
15						

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value
2✂: ## Random Panning Dly	0		L Feedback	9C 64	-100 100
	1		R Feedback	9C 64	-100 100
	2		L Panning Speed [Hz]	01 E6	0.02 20
	3		R Panning Speed [Hz]	01 E6	0.02 20
	4		Panning Spread	00 64	0 100
	5		L Delay Level	00 64	0 100
	6		R Delay Level	00 64	0 100
	7		Wet/Dry	00 64	Dry Wet
	8		Wet/Dry: Src	00 19	None Tempo
	9		Wet/Dry: Amt	9C 64	-100 100
	12		R Delay Time [msec]	00 1A90	0 680
	13				
	14		L Delay Time [msec]	00 1A90	0 680
	15				
	2✂: ## Early Reflections	0		Type	00 03
1			ER Time [msec]	0A AA	10 800
2			Pre Delay [msec]	00 C8	0 200
3			EQ Trim	00 64	0 100
4			Pre LEQ Gain [dB]	E2 1E	-15 15
5			Pre HEQ Gain [dB]	E2 1E	15 15
6			Wet/Dry	00 64	Dry Wet
7			Wet/Dry: Src	00 19	None Tempo
8			Wet/Dry: Amt	9C 64	-100 100
2✂: ## Reverb-Hall	0		Reverb Time [sec]	01 64	0.1 10
	1		High Damp [%]	00 64	0 100
	2		Pre Delay [msec]	00 C8	0 200
	3		Pre Delay Thru [%]	00 64	0 100
	4		EQ Trim	00 64	0 100
	5		Pre LEQ Gain [dB]	F1 0F	-15 15
	6		Pre HEQ Gain [dB]	F1 0F	-15 15
	7		Wet/Dry	00 64	Dry Wet
	8		Wet/Dry: Src	00 19	None Tempo
	9		Wet/Dry: Amt	9C 64	-100 100
2✂: ## Reverb-SmoothHall	0		Reverb Time [sec]	01 64	0.1 10
	1		High Damp [%]	00 64	0 100
	2		Pre Delay [msec]	00 C8	0 200
	3		Pre Delay Thru [%]	00 64	0 100
	4		EQ Trim	00 64	0 100
	5		Pre LEQ Gain [dB]	F1 0F	-15 15
	6		Pre HEQ Gain [dB]	F1 0F	-15 15
	7		Wet/Dry	00 64	Dry Wet
	8		Wet/Dry: Src	00 19	None Tempo
	9		Wet/Dry: Amt	9C 64	-100 100
2✂: ## Reverb-Room	0		Reverb Time [sec]	01 1E	0.1 3
	1		High Damp [%]	00 64	0 100
	2		Pre Delay [msec]	00 C8	0 200
	3		Pre Delay Thru [%]	00 64	0 100
	4		ER Level	00 64	0 100
	5		Reverb Level	00 64	0 100
	6		EQ Trim	00 64	0 100
	7		Pre LEQ Gain [dB]	F1 0F	-15 15
	8		Pre HEQ Gain [dB]	F1 0F	-15 15
	9		Wet/Dry	00 64	Dry Wet
	10		Wet/Dry: Src	00 19	None Tempo
	11		Wet/Dry: Amt	9C 64	-100 100
2✂: ## Reverb-BrightRoom	0		Reverb Time [sec]	01 1E	0.1 3
	1		High Damp [%]	00 64	0 100
	2		Pre Delay [msec]	00 C8	0 200
	3		Pre Delay Thru [%]	00 64	0 100
	4		ER Level	00 64	0 100
	5		Reverb Level	00 64	0 100
	6		EQ Trim	00 64	0 100
	7		Pre LEQ Gain [dB]	F1 0F	-15 15
	8		Pre HEQ Gain [dB]	F1 0F	-15 15
	9		Wet/Dry	00 64	Dry Wet
	10		Wet/Dry: Src	00 19	None Tempo
	11		Wet/Dry: Amt	9C 64	-100 100

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value
2¥: ## Reverb-Wet Plate	0		Reverb Time [sec]	01 64	0.1 10
	1		High Damp [%]	00 64	0 100
	2		Pre Delay [msec]	00 C8	0 200
	3		Pre Delay Thru [%]	00 64	0 100
	4		EQ Trim	00 64	0 100
	5		Pre LEQ Gain [dB]	F1 0F	-15 15
	6		Pre HEQ Gain [dB]	F1 0F	-15 15
	7		Wet/Dry	00 64	Dry Wet
	8		Wet/Dry: Src	00 19	None Tempo
9		Wet/Dry: Amt	9C 64	-100 100	
2¥: ## Reverb-Dry Plate	0		Reverb Time [sec]	01 64	0.1 10
	1		High Damp [%]	00 64	0 100
	2		Pre Delay [msec]	00 C8	0 200
	3		Pre Delay Thru [%]	00 64	0 100
	4		EQ Trim	00 64	0 100
	5		Pre LEQ Gain [dB]	F1 0F	-15 15
	6		Pre HEQ Gain [dB]	F1 0F	-15 15
	7		Wet/Dry	00 64	Dry Wet
	8		Wet/Dry: Src	00 19	None Tempo
9		Wet/Dry: Amt	9C 64	-100 100	

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value
4¥: ## Piano Body/Damper	0		Sound Board Depth	00 64	0 100
	1		Damper Depth	00 64	0 100
	2		Damper Depth: Src	00 19	None Tempo
	3		Tone	01 64	1 100
	4		Mid Shape	00 24	0 36
	5		Wet/Dry	00 64	Dry Wet
	6		Wet/Dry: Src	00 19	None Tempo
	7		Wet/Dry: Amt	9C 64	-100 100
	8		Tune	FB 05	-50 50
4¥: ## St. Mlt.band Limiter	0		Ratio	00 83	1.0:1 inf:1
	1		Threshold [dB]	D8 00	-40 0
	2		Attack	01 64	1 100
	3		Release	01 64	1 100
	4		Gain Adjust [dB]	F0 18	-16 24
	5		Low Offset [dB]	D8 00	-40 0
	6		Mid Offset [dB]	D8 00	-40 0
	7		High Offset [dB]	D8 00	-40 0
	8		Wet/Dry	00 64	Dry Wet
	9		Wet/Dry: Amt	9C 64	-100 100
	10		Wet/Dry: Src	00 19	None Tempo
4¥: ## OD/Hyper-Gain Wah	0	1 7	Drive	01 78	1 120
		0	Drive Mode	00 01	Overdrive Hyper-Gain
	1	7	Speaker Simulation	00 01	Off On
		6	Wah	00 01	Off On
		0 ... 5	Direct Mix	00 32	0 50
	2	3 ... 7	Wah: Src	00 19	None Tempo
		0 ... 2	Wet/Dry: Src	00 19	None Tempo
	3	6 ... 7	Wet/Dry	00 64	Dry Wet
		0 ... 5	Wet/Dry	00 64	Dry Wet
	4	7	Output Level	00 32	0 50
		1 ... 6	Pre Low-cut	00 0A	0 10
	5	5 ... 7	Wah Sweep Range	F6 0A	-10 10
		0 ... 4	Wah Sweep Range	F6 0A	-10 10
	6	7	Wet/Dry: Amt	9C 64	-100 100
		2 ... 7	Band4 Cutoff [Hz]	00 37	500 20
		0 ... 1	Band3 Cutoff [Hz]	01 3F	300 10.00k
	8	4 ... 7	Band2 Cutoff [Hz]	00 3B	30 5.00k
		0 ... 3	Band2 Cutoff [Hz]	00 3B	30 5.00k
	9	6 ... 7	Band1 Cutoff [Hz]	00 31	20 1.00k
		0 ... 5	Band1 Cutoff [Hz]	00 31	20 1.00k
	10	2 ... 7	Band4: Q	00 3C	0.5 10
		0 ... 1	Band3: Q	00 3C	0.5 10
	11	4 ... 7	Band2: Q	00 3C	0.5 10
		0 ... 3	Band2: Q	00 3C	0.5 10
12	6 ... 7	Band1: Q	00 3C	0.5 10	
	0 ... 5	Band1: Q	00 3C	0.5 10	
13	2 ... 7	Band4: Gain [dB]	EE 12	-18 18	
	0 ... 1	Band3: Gain [dB]	EE 12	-18 18	
14	4 ... 7	Band2: Gain [dB]	EE 12	-18 18	
	0 ... 3	Band2: Gain [dB]	EE 12	-18 18	
15	6 ... 7	Band1: Gain [dB]	EE 12	-18 18	
	0 ... 5	Band1: Gain [dB]	EE 12	-18 18	

Effect Parameter

4✂: ## St. Graphic 13EQ

OFS	bit	parameter	DATA (hex)		Value		
0	1 ... 7	Trim	00	64	0	100	
	0	Band1 [dB]	DC	24	-18	18	
1	2 ... 7	Band2 [dB]	DC	24	-18	18	
	0 ... 1						
2	3 ... 7	Band3 [dB]	DC	24	-18	18	
	0 ... 2						
3	4 ... 7	Band4 [dB]	DC	24	-18	18	
	0 ... 3						
4	5 ... 7	Band5 [dB]	DC	24	-18	18	
	0 ... 4						
5	6 ... 7	Band6 [dB]	DC	24	-18	18	
	0 ... 5						
6	7	Band7 [dB]	DC	24	-18	18	
	0 ... 6						
7	1 ... 7	Band8 [dB]	DC	24	-18	18	
	0	Type	00	01	A	B	
8		Band9 [dB]	DC	24	-18	18	
9		Band10 [dB]	DC	24	-18	18	
10		Band11 [dB]	DC	24	-18	18	
11		Band12 [dB]	DC	24	-18	18	
12		Band13 [dB]	DC	24	-18	18	
13		Wet/Dry	00	64	Dry	Wet	
14		Wet/Dry: Src	00	19	None	Tempo	
15		Wet/Dry: Amt	9C	64	-100	100	
4✂: ## Vocoder	0	Lch (Carrier) Trim	00	64	0	100	
	1	Rch (Modulator) Trim	00	64	0	100	
	2	Mod High Mix	00	64	0	100	
	3	Vocoder/Carrier	00	64	0	100	
	4	Vocoder/Carrier: Src	00	19	None	Tempo	
	5	Vocoder/Carrier: Amt	9C	64	-100	100	
	6	Wet/Dry	00	64	Dry	Wet	
	7	Wet/Dry: Src	00	19	None	Tempo	
	8	Wet/Dry: Amt	9C	64	-100	100	
4✂: ## St. HarmonicChorus	0	LFO Waveform	00	01	Triangle	Sine	
	0 ... 6	High/Low Split Point	01	64	1	100	
	1	4 ... 7	LFO Phase [degree]: High	FA	06	-180	180
		0 ... 3	LFO Phase [degree]: Low	FA	06	-180	180
	2	LFO Frequency [Hz]: High	01	E6	0.02	20	
	3	LFO Step Freq [Hz]: High	01	C8	0.05	50	
	4	LFO Frequency [Hz]: Low	01	E6	0.02	20	
	5	Pre Delay [msec]: High	00	8C	0	50	
	6	Pre Delay [msec]: Low	00	8C	0	50	
	7	6 ... 7	Depth D-mod	00	02	Low	Both
		0 ... 5	Depth: High	00	64	0	100
	8	7	Depth: Low	00	64	0	100
		0 ... 6					
	9	6 ... 7	LFO Freq D-mod	00	02	Low	Both
		0 ... 5	High/Low Balance	00	64	Low	High
	10	7	Wet/Dry	00	64	Dry	Wet
		0 ... 6					
	11		LFO Freq D-mod: Amt	8D	73	-20	20
	12		Depth D-mod: Amt	9C	64	-100	100
	13		Wet/Dry: Amt	9C	64	-100	100
14	7	LFO Step Freq [Hz]	00	01	Off	On	
	2 ... 6	LFO Freq D-mod: Src	00	19	None	Tempo	
	0 ... 1	Depth D-mod: Src	00	19	None	Tempo	
15	5 ... 7	Wet/Dry: Src	00	19	None	Tempo	
	0 ... 4						

Effect Parameter

4¥: ## Multitap Chorus/Dly

OFS	bit	parameter	DATA (hex)		Value	
0		Tap1 Feedback	9C	64	-100	100
1		Tap1 Feedback: Src	00	19	None	Tempo
2		Wet/Dry: Amt	9C	64	-100	100
3	6 ... 7	Panning Preset	00	03	1:L123456R	4:L145632R
	0 ... 5	LFO Frequency [Hz]	01	3F	0.02	13
4	3 ... 7	Tap1 Feedback: Src	00	19	None	Tempo
	0 ... 2	Wet/Dry	00	64	Dry	Wet
5	4 ... 7	Tap4: Depth	00	1E	0	30
	0 ... 3	Tap4: Depth	00	1E	0	30
6	7	Tap2: Depth	00	1E	0	30
	2 ... 6	Tap2: Depth	00	1E	0	30
7	0 ... 1	Tap5: Depth	00	1E	0	30
	5 ... 7	Tap3: Depth	00	1E	0	30
8	0 ... 4	Tap3: Depth	00	1E	0	30
	6 ... 7	Tap4: Status	00	03	Always On	Off->On(dm)
9	4 ... 5	Tap2: Status	00	03	Always On	Off->On(dm)
	2 ... 3	Tap5: Status	00	03	Always On	Off->On(dm)
10	0 ... 1	Tap3: Status	00	03	Always On	Off->On(dm)
	3 ... 7	Tap1: Depth	00	1E	0	30
11	0 ... 2	Tap6: Depth	00	1E	0	30
	6 ... 7	Tap4(240) [msec]	00	7F	0	570
12	0 ... 5	Tap2(180) [msec]	00	7F	0	570
	7	Tap1: Status	00	03	0	3
13	6 ... 7	Tap6: Status	00	03	0	3
	4 ... 5	Tap5(120) [msec]	00	7F	0	570
14	0 ... 3	Tap3(060) [msec]	00	7F	0	570
	5 ... 7	Tap1(000) [msec]	00	7F	0	570
15	0 ... 4	Tap6(300) [msec]	00	7F	0	570
	6 ... 7	Speed	01	64	1	100
0		Depth	00	64	0	100
1		Wet/Dry	00	64	Dry	Wet
2		Speed: Amt	9C	64	-100	100
3		Depth: Amt	9C	64	-100	100
4		Wet/Dry: Amt	9C	64	-100	100
5		Speed: Src	00	19	None	Tempo
6		Depth: Src	00	19	None	Tempo
7		Wet/Dry: Src	00	19	None	Tempo
8		LFO Waveform	00	01	Triangle	Sine
9		Pre HEQ Gain [dB]	E2	1E	-15	15
10		Pre LEQ Gain [dB]	E2	1E	-15	15
11		Spread	9C	64	-100	100
12		EQ Trim	00	64	0	100
13		Shimmer	00	64	0	100

4¥: ## Stereo Ensemble

Effect Parameter

4✂: ## St. Tempo Flanger

OFS	bit	parameter	DATA (hex)		Value	
0		Delay Time [msec]	00	8C	0	50
1		LFO Shape	9C	64	-100	100
2		Tempo [beat/min]	1E	FA	30	250
3		Feedback	9C	64	-100	100
4		Spread	9C	64	-100	100
5		Wet/Dry	9C	64	-Wet	Wet
6		Wet/Dry: Amt	9C	64	-100	100
7	7	FB Mode	00	01	Normal	Cross
	2 ... 6	Src (fixed)	19	19	Tempo	Tempo
	1	LFO Mode	00	01	Manual	D-mod
	0	LFO Sync	00	01	Off	On
8	5 ... 7	LFO Waveform	00	04	Triangle	Random
	0 ... 4	LFO Sync: Src	00	19	None	Tempo
9	4 ... 7	LFO Rch Phase [degree]	FA	06	-180	180
	0 ... 3	LFO Lch Phase [degree]	FA	06	-180	180
10	1 ... 7	Depth	00	64	0	100
	0	Step: /	00	1F	1	32
11	4 ... 7					
	0 ... 3	Length	00	0F	1	16
12	1 ... 7	Depth: Amt	-50	32	-50	50
	0	Depth: Src	00	19	None	Tempo
13	4 ... 7					
	0 ... 3	Length: /	00	0F	1	16
14	3 ... 7	Wet/Dry: Src	00	19	None	Tempo
	0 ... 2	High Damp [%]	00	64	0	100
15	4 ... 7					
	0 ... 3	Step	00	0F	1	16
0		LFO Shape	9C	64	-100	100
1		Tempo [beat/min]	1E	FA	30	250
2		Depth: Amt	9C	64	-100	100
3		Resonance	9C	64	-100	100
4		Spread	9C	64	-100	100
5		Wet/Dry	9C	64	-Wet	Wet
6		Wet/Dry: Amt	9C	64	-100	100
7	2 ... 7	Src (fixed)	19	19	Tempo	Tempo
	1	LFO Mode	00	01	Manual	D-mod
	0	LFO Sync	00	01	Off	On
8	5 ... 7	LFO Waveform	00	04	Triangle	Random
	0 ... 4	LFO Sync: Src	00	19	None	Tempo
9	4 ... 7	Rch Phase [deg]	FA	06	-180	180
	0 ... 3	LFO Lch Phase [deg]	FA	06	-180	180
10	1 ... 7	Manual	00	64	0	100
	0	Step: /	00	1F	1	32
11	4 ... 7					
	0 ... 3	Length	00	0F	1	16
12	3 ... 7	Depth: Src	00	19	None	Tempo
	0 ... 2	Depth	00	64	0	100
13	4 ... 7					
	0 ... 3	Length: /	00	0F	1	16
14	3 ... 7	Wet/Dry: Src	00	19	None	Tempo
	0 ... 2	High Damp [%]	00	64	0	100
15	4 ... 7					
	0 ... 3	Step	00	0F	1	16

4✂: ## St. Tempo Phaser

Effect Parameter

4✎: ## St. Pitch Shifter

OFS	bit	parameter	DATA (hex)		Value	
0		Input Level	00	64	0	100
1		Input Level: Amt	9C	64	-100	100
2		Pitch Shift [1/2tone]	E8	18	-24	24
3		Pitch Shift [1/2tone]: Src	00	19	None	Tempo
4		Pitch Shift [1/2tone]: Amt	E8	18	-24	24
5		Fine [cent]	9C	64	-100	100
6		Fine [cent]: Amt	9C	64	-100	100
7		Lch Delay [msec]	00	BE	0	1000
8		Rch Delay [msec]	00	BE	0	1000
9		Feedback	9C	64	-100	100
10		High Damp [%]	00	64	0	100
11		Spread	9C	64	-100	100
12		Wet/Dry	00	64	Dry	Wet
13		Wet/Dry: Src	00	19	None	Tempo
14		Wet/Dry: Amt	9C	64	-100	100
15	7	L/R Pitch	00	01	Normal	Up/Down
	5 ... 6	Mode	00	02	Slow	Fast
	0 ... 4	Input Level: Src	00	19	None	Tempo

4✎: ## 2Band Pitch Shifter

0		Low Fine [cent]	9C	64	-100	100
1		Low Fine [cent]: Amt	9C	64	-100	100
2		Low High Damp [%]	00	64	0	100
3		High Pitch [1/2tone]	E8	18	-24	24
4		High Pitch [1/2tone]: Amt	E8	18	-24	24
5		High Fine [cent]	9C	64	-100	100
6		High Fine [cent]: Amt	9C	64	-100	100
7		High High Damp [%]	00	64	0	100
8		High/Low Split Point	01	64	1	100
9		High/Low Balance	00	64	Low	High
10		Spread	9C	64	-100	100
11		Wet/Dry	00	64	Dry	Wet
12		Wet/Dry: Amt	9C	64	-100	100
13	2 ... 7	Low Pitch [1/2tone]	E8	18	-24	24
	0 ... 1	Mode	00	02	0	2
14	3 ... 7	Wet/Dry: Src	00	19	None	Tempo
	0 ... 2	Low Pitch [1/2tone]: Amt	E8	18	-24	24
15	5 ... 7					
	0 ... 4	Low Pitch [1/2tone]: Src	00	19	None	Tempo

4✎: ## Rotary Speaker OD

0	4 ... 7	Overdrive Tone	00	0F	0	15
	0 ... 3	Overdrive Level	00	32	0	50
1	6 ... 7					
	0 ... 5	Overdrive Gain	00	32	0	50
2	3 ... 7	Manual Speed Control	00	19	None	Tempo
		Speed Switch	00	01	Slow	Fast
	1	Mode Switch	00	01	Stop	Ratate
	0	Speaker Simulation	00	01	Off	On
3		Rotor Acceleration	00	64	0	100
4		Rotor Ratio	31	C8	Stop	2
5		Horn Acceleration	00	64	0	100
6		Horn Ratio	31	C8	Stop	2
7		Rotor/Horn Balance	00	64	0	100
8	7	Mode Switch: Sw	00	01	Momentary	Toggle
	0 ... 6	Mic Distance	00	32	0	50
9	7	Speed Switch: Sw	00	01	Momentary	Toggle
	0 ... 6	Mic Spread	00	32	0	50
10		Wet/Dry	00	64	Dry	Wet
	7	Overdrive	00	01	Off	On
	2 ... 6	Wet/Dry: Src	00	19	None	Tempo
11	0 ... 1	Speed Switch: Src	00	19	None	Tempo
	5 ... 7					
12	0 ... 4	Mode Switch: Src	00	19	None	Tempo
		Overdrive: Src	00	19	None	Tempo
13		Overdrive: Sw	00	01	Momentary	Toggle
14		Overdrive: Sw	00	01	Momentary	Toggle
15		Wet/Dry: Amt	9C	64	-100	100

Effect Parameter

4✂: ## Early Reflections

OFS	bit	parameter	DATA (hex)		Value	
0		Type	00	03	Sharp	Reverse
1		ER Time [msec]	0A	FA	10	1600
2		Pre Delay [msec]	00	C8	0	200
3		EQ Trim	00	64	0	100
4		Pre LEQ Gain [dB]	E2	1E	-15	15
5		Pre HEQ Gain [dB]	E2	1E	15	15
6		Wet/Dry	00	64	Dry	Wet
7		Wet/Dry: Src	00	19	None	Tempo
8		Wet/Dry: Amt	9C	64	-100	100

4✂: ## L/C/R Long Delay

0		Feedback	9C	64	-100	100
1		Feedback: Amt	9C	64	-100	100
2		Wet/Dry: Amt	9C	64	-100	100
3		Input Level D-mod: Amt	9C	64	-100	100
4	1 ... 7	Wet/Dry	00	64	Dry	Wet
	0	High Damp [%]	00	64	0	100
5	2 ... 5					
	0 ... 1	Low Damp [%]	00	64	0	100
6	3 ... 7					
	0 ... 2	Spread	00	32	0	50
7	5 ... 7					
	0 ... 4	Feedback: Src	00	19	None	Tempo
8	3 ... 7	Wet/Dry: Src	00	19	None	Tempo
	0 ... 1	Input Level D-mod: Src	00	19	None	Tempo
9	6 ... 7					
	0 ... 5	L: Level	00	32	0	50
10	2 ... 7	C: Level	00	32	0	50
	0 ... 1	R: Level	00	32	0	50
11	4 ... 7					
	0 ... 3	L Delay Time [msec]	00	0AAA	0	2730
12						
13	...	C Delay Time [msec]	00	0AAA	0	2730
14	4 ... 7					
	0 ... 3	R Delay Time [msec]	00	0AAA	0	2730
15						

4✂: ## Stereo Long Delay

0		Feedback	9C	64	-100	100
1		High Damp [%]	00	64	0	100
2		Low Damp [%]	00	64	0	100
3		Wet/Dry	00	64	Dry	Wet
4		Spread	9C	64	-100	100
5		Feedback: Amt	9C	64	-100	100
6		Wet/Dry: Amt	9C	64	-100	100
7		Input Level D-mod: Amt	9C	64	-100	100
8		Spread: Amt	9C	64	-100	100
9	7	Stereo/Cross	00	01	Stereo	Cross
	0 ... 4	Spread: Src	00	19	None	Tempo
10	2 ... 7	Feedback: Src	00	19	None	Tempo
	0 ... 1	Wet/Dry: Src	00	19	None	Tempo
11	5 ... 7					
	0 ... 4	Input Level D-mod: Src	00	19	None	Tempo
12		R Delay Time [msec]	00	3520	0	1360
13						
14		L Delay Time [msec]	00	3520	0	1360
15						

Effect Parameter

4✕: ## Dual Long Delay

OFS	bit	parameter	DATA (hex)		Value	
0		L Feedback	9C	64	-100	100
1		R Feedback	9C	64	-100	100
2		Amt L	9C	64	-100	100
3		Amt R	9C	64	-100	100
4		L Wet/Dry: Amt	9C	64	-100	100
5		R Wet/Dry: Amt	9C	64	-100	100
6	1 ... 7	L Low Damp [%]	00	64	0	100
	0	R High Damp [%]	00	64	0	100
7	2 ... 7					
	0 ... 1	R Wet/Dry	00	64	Dry	Wet
8	3 ... 7					
	0 ... 2	L Wet/Dry	00	64	Dry	Wet
9	4 ... 7					
	0 ... 3	L High Damp [%]	00	64	0	100
10	5 ... 7					
	0 ... 4	R Low Damp [%]	00	64	0	100
11	6 ... 7					
	1 ... 5	Input Level D-mod: Src	00	19	None	Tempo
	0	L Wet/Dry: Src	00	19	None	Tempo
12	4 ... 7					
	0 ... 3	L Delay Time [msec]	00	3520	0	1360
13						
14	6 ... 7					
	0 ... 5	R Delay Time [msec]	00	3520	0	1360
15	... 7					

4✕: ## St. Tempo Delay

0		Feedback	9C	64	-100	100
1	0 ... 6	Count [times]	00	60	0	96
2	7	Feedback Count	00	01	Off	On
	0 ... 6	Low Damp [%]	00	64	0	100
3	7	Mode	00	01	Manual	D-mod
	0 ... 6	Wet/Dry	00	64	Dry	Wet
4		Feedback: Amt	9C	64	-100	100
5		Wet/Dry: Amt	9C	64	-100	100
6		Input Level D-mod: Amt	9C	64	-100	100
7	1 ... 7	High Damp [%]	00	64	0	100
	0	Mode: Src (fixed)	19	19	Tempo	Tempo
8	4 ... 7					
	0 ... 3	Feedback Count: Src (fixed)	01	01	Gate1	Gate1
9	7					
	2 ... 6	Wet/Dry: Src	00	19	None	Tempo
	0 ... 1	Input Level D-mod: Src	00	19	None	Tempo
10	5 ... 7					
	0 ... 4	Feedback: Src	00	19	None	Tempo
11		Time Adjust [%]	FC18	x3E8	-10	10
12						
13		Length	01	60	1	96
14		Length: /	01	60	1	96
15		Tempo [beat/min]	1E	FA	30	250

4✕: ## Hold Delay

0		REC Control Src	00	19	None	Tempo
1		RST Control Src	00	19	None	Tempo
2		Manual REC Control	00	01	0	1
3		Manual RST Control	00	01	0	1
4		Pan	9C	64	-100	100
5		Pan: Src	00	19	None	Tempo
6		Pan: Amt	9C	64	-100	100
7		Wet/Dry	00	64	Dry	Wet
8		Wet/Dry: Src	00	19	None	Tempo
9		Wet/Dry: Amt	9C	64	-100	100
14		Loop Time [msec]	00	0A8C	0	2700
15						

Effect Parameter

MM ## Flanger

OFS	bit	parameter	DATA (hex)		Value	
0		Delay Time [msec]	00	8C	0	50
1	1	FB Mode	00	01	0	1
	0	LFO Waveform	00	01	Triangle	Sine
2		LFO Shape	9C	64	-100	100
3		LFO Phase [degree]	EE	12	-180	180
4		LFO Frequency [Hz]	01	E6	0.02	20
5		LFO Frequency [Hz]: Src	00	19	None	Tempo
6		LFO Frequency [Hz]: Amt	8D	73	-20	20
7		Depth	00	64	0	100
8		Feedback	9C	64	-100	100
9		High Damp [%]	00	64	0	100
10		Spread	00	64	0	100
11		Output Level	9C	64	-100	100
12		Output Level: Amt	9C	64	-100	100
13		EQ Trim	00	64	0	100
14	2 ... 6	HEQ [dB]	F1	0F	-15	15
	0 ... 1	LEQ [dB]	F1	0F	-15	15
15	5 ... 7					
	0 ... 4	Output Level: Src	00	19	None	Tempo

MM ## Phaser

0		LFO Waveform	00	01	Triangle	Sine
1		LFO Shape	9C	64	-100	100
2		LFO Phase [degree]	EE	12	-180	180
3		LFO Frequency [Hz]	01	E6	0.02	20
4		LFO Frequency [Hz]: Src	00	19	None	Tempo
5		LFO Frequency [Hz]: Amt	8D	73	-20	20
6		Manual	00	64	0	100
7		Depth	00	64	0	100
8		Resonance	9C	64	-100	100
9		High Damp [%]	00	64	0	100
10		Spread	00	64	0	100
11		Output Level	9C	64	-100	100
12		Output Level: Amt	9C	64	-100	100
13		EQ Trim	00	64	0	100
14	2 ... 6	HEQ [dB]	F1	0F	-15	15
	0 ... 1	LEQ [dB]	F1	0F	-15	15
15	5 ... 7					
	0 ... 4	Output Level: Src	00	19	None	Tempo

MM ## Multitap Chorus/Dly

0		Tap1 Feedback	9C	64	-100	100
1		Tap1 Feedback: Amt	9C	64	-100	100
2		Output Level: Amt	9C	64	-100	100
3		Output Level	00	64	0	100
4		LFO Frequency [Hz]	01	E6	0.02	20
5		Tap3: Depth	00	64	0	100
6	2 ... 5	Tap3: Pan	FA	06	L6	R6
	0 ... 1	Output Level: Src	00	19	None	Tempo
7	5 ... 7					
	0 ... 4	Tap1 Feedback: Src	00	19	None	Tempo
8	4 ... 7	Tap1: Pan	FA	06	L6	R6
	0 ... 3	Tap1: Depth	00	64	0	100
9	5 ... 7					
	0 ... 4	Tap2: Depth	00	64	0	100
10	6 ... 7					
	0 ... 5	Tap3: Level	00	64	0	100
11	7					
	0 ... 6	Tap1: Level	00	64	0	100
12	4 ... 7	Tap2: Pan	FA	06	L6	R6
	0 ... 3	Tap2: Level	00	64	0	100
13	5 ... 7					
	0 ... 4	Tap3(180) [msec]	00	7F	0	127
14	6 ... 7					
	0 ... 5	Tap1(090) [msec]	00	7F	0	127
15	7					
	0 ... 6	Tap2(000) [msec]	00	7F	0	127

Effect Parameter

	OFS	bit	parameter	DATA (hex)	Value	
MM ## Ensemble	0		Speed	01 64	1	100
	1		Depth	00 64	0	100
	2		Output Level	00 64	0	100
	4		Speed: Amt	9C 64	-100	100
	5		Depth: Amt	9C 64	-100	100
	6		Output Level: Amt	9C 64	-100	100
	7		Speed: Src	00 19	None	Tempo
	8		Depth: Src	00 19	None	Tempo
	9		Output Level: Src	00 19	None	Tempo
	15		Shimmer	00 64	0	100
MM ## Chorus	0		LFO Frequency [Hz]	01 E6	0.02	20
	1		LFO Phase [degree]	EE 12	-180	180
	2		L Pre Delay [msec]	00 8C	0	50
	3		R Pre Delay [msec]	00 8C	0	50
	4	7	LFO Waveform	00 01	Triangle	Sine
		0 ... 6	Depth	00 64	0	100
	5		Spread	9C 64	-100	100
	6		Output Level	9C 64	-100	100
	7		LFO Frequency [Hz]: Amt	8D 73	-20	20
	8		Depth: Amt	9C 64	-100	100
	9		Output Level: Amt	9C 64	-100	100
	10		EQ Trim	00 64	0	100
	11	1 ... 6	Pre HEQ Gain [dB]	F1 0F	-15	15
		0	Pre LEQ Gain [dB]	F1 0F	-15	15
	12	3 ... 7				
	14	2 ... 6	Output Level: Src	00 19	None	Tempo
		0 ... 1	Depth: Src	00 19	None	Tempo
	15	5 ... 7				
		0 ... 4	LFO Frequency [Hz]: Src	00 19	None	Tempo
	MM ## L/C/R Delay	0		Feedback	9C 64	-100
1		1 ... 7	C: Level	00 32	0	50
		0	L: Level	00 32	0	50
2		2 ... 7				
		0 ... 1	L Delay Time [msec]	00 02A8	0	680
3						
4		1 ... 7	High Damp [%]	00 64	0	100
		0	Feedback: Amt	9C 64	-100	100
5		1 ... 7				
		0	R: Level	00 32	0	50
6		2 ... 7				
		0 ... 1	C Delay Time [msec]	00 02A8	0	680
7						
8		1 ... 7	Spread	00 32	0	50
		0	Input Level D-mod: Amt	9C 64	-100	100
9		1 ... 7				
		0	Low Damp [%]	00 64	0	100
10		2 ... 7				
		0 ... 1	R Delay Time [msec]	00 02A8	0	680
11						
12	2 ... 7	Output Level: Src	00 19	None	Tempo	
	0 ... 1	Input Level D-mod: Src	00 19	None	Tempo	
13	5 ... 7					
	0 ... 4	Feedback: Src	00 19	None	Tempo	
14		Output Level	00 64	0	100	
15		Output Level: Amt	9C 64	-100	100	

Effect Parameter

MR ## L/C/R Long Delay

OFS	bit	parameter	DATA (hex)		Value	
0	3 ... 7	Feedback: Src	00	19	None	Tempo
	0 ... 2	L Delay Time [msec]	00	07D0	0	2000
1						
2	3 ... 7	Input Level D-mod: Src	00	19	None	Tempo
	0 ... 2	C Delay Time [msec]	00	07D0	0	2000
3						
4	3 ... 7	Output Level: Src	00	19	None	Tempo
	0 ... 2	R Delay Time [msec]	00	07D0	0	2000
5						
6	1 ... 7	Low Damp [%]	00	64	0	100
	0	High Damp [%]	00	64	0	100
7	2 ... 7					
8	0 ... 1	R: Level	00	32	0	50
	4 ... 7					
9	0 ... 3	C: Level	00	32	0	50
	6 ... 7					
10	0 ... 5	L: Level	00	32	0	50
10		Feedback	9C	64	-100	100
11		Feedback: Amt	9C	64	-100	100
12		Input Level D-mod: Amt	9C	64	-100	100
13		Spread	00	32	0	50
14		Output Level	00	64	0	100
15		Output Level: Amt	9C	64	-100	100

MR ## Delay/Reverb

0		Feedback	9C	64	-100	100
1	3 ... 7	Level	00	1E	0	30
	0 ... 2	C Delay Time [msec]	00	7F	0	680
2	4 ... 7					
3	0 ... 3	Level	00	1E	0	30
	0 ... 6	L Delay Time [msec]	00	7F	0	680
4	3 ... 7	Pre Delay Thru	00	1E	0	30
	0 ... 2	Pre Delay [msec]	00	C8	0	200
5	3 ... 7					
6	0 ... 2	Delay: High Damp [%]	00	64	0	100
	4 ... 7					
7	0 ... 3	Level	00	1E	0	30
	0 ... 6	R Delay Time [msec]	00	7F	0	680
8		Output Level: Amt	9C	64	-100	100
9	6 ... 7	LEQ [dB]	F1	0F	-15	15
	0 ... 2	EQ Trim	00	1E	0	30
10	6 ... 7					
	0 ... 5	Reverb Time [sec]	01	64	0.1	10
11	7					
12	0 ... 6	Delay: Low Damp [%]	00	64	0	100
	2 ... 6	Output Level: Src	00	19	None	Tempo
13	0 ... 1	Output Level	00	64	0	100
	3 ... 7					
14	1 ... 2	Spread Control	00	02	Delay	Both
	0	Spread	00	1E	0	30
15	4 ... 7					
	0 ... 3	HEQ [dB]	F1	0F	-15	15
15	7					
	0 ... 6	High Damp [%]	00	64	0	100

Effect Parameter

MR ## Reverb-Room

OFS	bit	parameter	DATA (hex)		Value	
0	3 ... 7	EQ Trim	00	1E	0	30
	0 ... 2	Pre Delay Thru	00	1E	0	30
1	6 ... 7					
	0 ... 5	Pre Delay [msec]	00	C8	0	200
2	6 ... 7					
	0 ... 5	High Damp [%]	00	64	0	100
3	7					
	0 ... 6	Reverb Time [sec]	01	1E	0.1	3
4		Output Level: Amt	9C	64	-100	100
5	1 ... 7	ER2 Delay [msec]	00	7D	0	200
	0	ER1 Delay [msec]	00	7D	0	200
6	2 ... 7					
	0 ... 1	HEQ [dB]	F1	0F	-15	15
7	5 ... 7					
	0 ... 4	LEQ [dB]	F1	0F	-15	15
8	2 ... 6	Output Level: Src	00	19	None	Tempo
	0 ... 1	Output Level	00	64	0	100
9	3 ... 7					
	0 ... 2	Spread	00	64	0	100
10	6 ... 7					
	0 ... 5	ER4 Delay [msec]	00	7D	0	200
11	7					
	0 ... 6	ER3 Delay [msec]	00	7D	0	200
12	5 ... 7	ER1: Pan	00	06	L	R
	0 ... 4	ER1: Level	00	1E	0	30
13	5 ... 7	ER2: Pan	00	06	L	R
	0 ... 4	ER2: Level	00	1E	0	30
14	5 ... 7	ER3: Pan	00	06	L	R
	0 ... 4	ER3: Level	00	1E	0	30
15	5 ... 7	ER4: Pan	00	06	L	R
	0 ... 4	ER4: Level	00	1E	0	30
MR ## Reverb-Bright Room						
0	3 ... 7	EQ Trim	00	1E	0	30
	0 ... 2	Pre Delay Thru	00	1E	0	30
1	6 ... 7					
	0 ... 5	Pre Delay [msec]	00	C8	0	200
2	6 ... 7					
	0 ... 5	High Damp [%]	00	64	0	100
3	7					
	0 ... 6	Reverb Time [sec]	01	1E	0.1	3
4		Output Level: Amt	9C	64	-100	100
5	1 ... 7	ER2 Delay [msec]	00	7D	0	200
	0	ER1 Delay [msec]	00	7D	0	200
6	2 ... 7					
	0 ... 1	HEQ [dB]	F1	0F	-15	15
7	5 ... 7					
	0 ... 4	LEQ [dB]	F1	0F	-15	15
8	2 ... 6	Output Level: Src	00	19	None	Tempo
	0 ... 1	Output Level	00	64	0	100
9	3 ... 7					
	0 ... 2	Spread	00	64	0	100
10	6 ... 7					
	0 ... 5	ER4 Delay [msec]	00	7D	0	200
11	7					
	0 ... 6	ER3 Delay [msec]	00	7D	0	200
12	5 ... 7	ER1: Pan	00	06	L	R
	0 ... 4	ER1: Level	00	1E	0	30
13	5 ... 7	ER2: Pan	00	06	L	R
	0 ... 4	ER2: Level	00	1E	0	30
14	5 ... 7	ER3: Pan	00	06	L	R
	0 ... 4	ER3: Level	00	1E	0	30
15	5 ... 7	ER4: Pan	00	06	L	R
	0 ... 4	ER4: Level	00	1E	0	30

Effect Parameter

MR ## Reverb-Hall

OFS	bit	parameter	DATA (hex)		Value	
0	3 ... 7	EQ Trim	00	1E	0	30
	0 ... 2	Pre Delay Thru	00	1E	0	30
1	6 ... 7					
	0 ... 5	Pre Delay [msec]	00	C8	0	200
2	6 ... 7					
	0 ... 5	High Damp [%]	00	64	0	100
3	7					
	0 ... 6	Reverb Time [sec]	01	64	0.1	10
4		Output Level: Amt	9C	64	-100	100
5	1 ... 7	ER2 Delay [msec]	00	7D	0	200
	0	ER1 Delay [msec]	00	7D	0	200
6	2 ... 7					
	0 ... 1	HEQ [dB]	F1	0F	-15	15
7	5 ... 7					
	0 ... 4	LEQ [dB]	F1	0F	-15	15
8	2 ... 6	Output Level: Src	00	19	None	Tempo
	0 ... 1	Output Level	00	64	0	100
9	3 ... 7					
	0 ... 2	Spread	00	64	0	100
10	6 ... 7					
	0 ... 5	ER4 Delay [msec]	00	7D	0	200
11	7					
	0 ... 6	ER3 Delay [msec]	00	7D	0	200
12	5 ... 7	ER1: Pan	00	06	L	R
	0 ... 4	ER1: Level	00	1E	0	30
13	5 ... 7	ER2: Pan	00	06	L	R
	0 ... 4	ER2: Level	00	1E	0	30
14	5 ... 7	ER3: Pan	00	06	L	R
	0 ... 4	ER3: Level	00	1E	0	30
15	5 ... 7	ER4: Pan	00	06	L	R
	0 ... 4	ER4: Level	00	1E	0	30
<hr/>						
0	3 ... 7	EQ Trim	00	1E	0	30
	0 ... 2	Pre Delay Thru	00	1E	0	30
1	6 ... 7					
	0 ... 5	Pre Delay [msec]	00	C8	0	200
2	6 ... 7					
	0 ... 5	High Damp [%]	00	64	0	100
3	7					
	0 ... 6	Reverb Time [sec]	01	64	0.1	10
4		Output Level: Amt	9C	64	-100	100
5	1 ... 7	ER2 Delay [msec]	00	7D	0	200
	0	ER1 Delay [msec]	00	7D	0	200
6	2 ... 7					
	0 ... 1	HEQ [dB]	F1	0F	-15	15
7	5 ... 7					
	0 ... 4	LEQ [dB]	F1	0F	-15	15
8	2 ... 6	Output Level: Src	00	19	None	Tempo
	0 ... 1	Output Level	00	64	0	100
9	3 ... 7					
	0 ... 2	Spread	00	64	0	100
10	6 ... 7					
	0 ... 5	ER4 Delay [msec]	00	7D	0	200
11	7					
	0 ... 6	ER3 Delay [msec]	00	7D	0	200
12	5 ... 7	ER1: Pan	00	06	L	R
	0 ... 4	ER1: Level	00	1E	0	30
13	5 ... 7	ER2: Pan	00	06	L	R
	0 ... 4	ER2: Level	00	1E	0	30
14	5 ... 7	ER3: Pan	00	06	L	R
	0 ... 4	ER3: Level	00	1E	0	30
15	5 ... 7	ER4: Pan	00	06	L	R
	0 ... 4	ER4: Level	00	1E	0	30

MR ## Reverb-Smooth Hall

Effect Parameter

MR ## Reverb-Wet Plate

OFS	bit	parameter	DATA (hex)		Value	
0	3 ... 7	EQ Trim	00	1E	0	30
	0 ... 2	Pre Delay Thru	00	1E	0	30
1	6 ... 7					
	0 ... 5	Pre Delay [msec]	00	C8	0	200
2	6 ... 7					
	0 ... 5	High Damp [%]	00	64	0	100
3	7					
	0 ... 6	Reverb Time [sec]	01	64	0.1	10
4		Output Level: Amt	9C	64	-100	100
5	1 ... 7	ER2 Delay [msec]	00	7D	0	200
	0	ER1 Delay [msec]	00	7D	0	200
6	2 ... 7					
	0 ... 1	HEQ [dB]	F1	0F	-15	15
7	5 ... 7					
	0 ... 4	LEQ [dB]	F1	0F	-15	15
8	2 ... 6	Output Level: Src	00	19	None	Tempo
	0 ... 1	Output Level	00	64	0	100
9	3 ... 7					
	0 ... 2	Spread	00	64	0	100
10	6 ... 7					
	0 ... 5	ER4 Delay [msec]	00	7D	0	200
11	7					
	0 ... 6	ER3 Delay [msec]	00	7D	0	200
12	5 ... 7	ER1: Pan	00	06	L	R
	0 ... 4	ER1: Level	00	1E	0	30
13	5 ... 7	ER2: Pan	00	06	L	R
	0 ... 4	ER2: Level	00	1E	0	30
14	5 ... 7	ER3: Pan	00	06	L	R
	0 ... 4	ER3: Level	00	1E	0	30
15	5 ... 7	ER4: Pan	00	06	L	R
	0 ... 4	ER4: Level	00	1E	0	30
0	3 ... 7	EQ Trim	00	1E	0	30
	0 ... 2	Pre Delay Thru	00	1E	0	30
1	6 ... 7					
	0 ... 5	Pre Delay [msec]	00	C8	0	200
2	6 ... 7					
	0 ... 5	High Damp [%]	00	64	0	100
3	7					
	0 ... 6	Reverb Time [sec]	01	64	0.1	10
4		Output Level: Amt	9C	64	-100	100
5	1 ... 7	ER2 Delay [msec]	00	7D	0	200
	0 ... 0	ER1 Delay [msec]	00	7D	0	200
6	2 ... 7					
	0 ... 1	HEQ [dB]	F1	0F	-15	15
7	5 ... 7					
	0 ... 4	LEQ [dB]	F1	0F	-15	15
8	2 ... 6	Output Level: Src	00	19	None	Tempo
	0 ... 1	Output Level	00	64	0	100
9	3 ... 7					
	0 ... 2	Spread	00	64	0	100
10	6 ... 7					
	0 ... 5	ER4 Delay [msec]	00	7D	0	200
11	7					
	0 ... 6	ER3 Delay [msec]	00	7D	0	200
12	5 ... 7	ER1: Pan	00	06	L	R
	0 ... 4	ER1: Level	00	1E	0	30
13	5 ... 7	ER2: Pan	00	06	L	R
	0 ... 4	ER2: Level	00	1E	0	30
14	5 ... 7	ER3: Pan	00	06	L	R
	0 ... 4	ER3: Level	00	1E	0	30
15	5 ... 7	ER4: Pan	00	06	L	R
	0 ... 4	ER4: Level	00	1E	0	30

MR ## Reverb-Dry Plate