

# The GS-10's Quick Settings

Version 1.0.1.

Copyright © 2005-6 by Markwin J. van den Berg.

The GS-10 contains so-called 'Quick Settings', by which the user can set individual effects to specific, predefined positions. These Quick Settings are accessible via the 'QUICK FX' button on the GS-10 itself (see pp. 22-23 in the Owner's Manual), and can also be set from the GS-10 Editor program.

This document contains a number of lists and tables concerning these Quick Settings:

1. A simple list of the Quick Setting numbers and names.
2. Simple tables consisting of the Quick Setting numbers and names and (in some cases) some further categorization: the FX-1 and FX-2 tables specify the actual effect types, and the Assign table specifies whether EXP PEDAL or CTL 1 is used as Source.
3. Detailed tables: these contain all Quick Setting parameters.

Obviously the simple list and tables aren't very interesting, but might still come in handy in certain circumstances.

The detailed tables are probably more generally useful: they enable you to see at a glance exactly what you get if you select particular Quick Settings. Note that some of these tables also appear in the documents pertaining to the corresponding effects; you may find some discussion of these Quick Settings in those documents.

FX-1

1: VINTAGE WAH  
 2: MODERN FAT  
 3: RESO WAH  
 4: BASS WAH  
 5: T.WAH UP  
 6: T.WAH DOWN  
 7: AUTO WAH  
 8: MOD WAH  
 9: BASS T.WAH  
 10: FAT TONE  
 11: MILD TONE  
 12: BRIGHT TONE  
 13: 'S'to'H'  
 14: 'H'to'HF'  
 15: 'S'to Hollow  
 16: 'H'to Hollow  
 17: 'S'to AC  
 18: 'H'to AC  
 19: STEREO COMP  
 20: MILD COMP  
 21: BRIGHT COMP  
 22: ATTACK COMP  
 23: STEREO LIMIT  
 24: DEEP LIMIT  
 25: ATTACK LIMIT  
 26: GUITAR ENH 1  
 27: GUITAR ENH 2  
 28: BASS ENH 1  
 29: BASS ENH 2  
 30: SLOW GEAR 1  
 31: SLOW GEAR 2  
 32: SLOW GEAR 3  
 33: FAST TREM  
 34: MEDIUM TREM  
 35: SLOW TREM  
 36: DEEP TREM  
 37: LIGHT TREM  
 38: FRETLESS Gt  
 39: FRETLESS Bs  
 40: E.SITAR  
 41: BOWING  
 42: RING MOD 1  
 43: RING MOD 2  
 44: RING -1oct  
 45: FEEDBACKER

Compressor

1: NORMAL COMP  
 2: DEEP COMP  
 3: LIGHT COMP

Overdrive/Distortion

1: FAT BOOSTER  
 2: VINTAGE OD-1  
 3: BLUES CRUNCH  
 4: HI GAIN OD  
 5: POWER DIST  
 6: NATURAL OD  
 7: FAT DIST  
 8: CLASSIC DS  
 9: VINTAGE FUZZ  
 10: SOLID DRIVE  
 11: POWER METAL

12: METAL LEAD  
 13: HEAVY DIST  
 14: BASS DRIVE  
 15: BASS MIX

Preamp/Speaker Simulator

1: BRIGHT JC  
 2: JAZZ TONE  
 3: WARM & CLEAN  
 4: BLACK PANEL  
 5: BLUES COMBO  
 6: CRUNCH LEAD  
 7: BRIT COMBO  
 8: MATCH COMBO  
 9: BG COMBO  
 10: SMOOTH COMBO  
 11: VINTAGE MS  
 12: MODERN MS  
 13: POWER STACK  
 14: HEAVY STACK  
 15: T-AMP LEAD  
 16: HiGAIN STACK  
 17: METAL DRIVE  
 18: BASS CLEAN  
 19: BASS STACK  
 20: BASS DRIVE

Equalizer

1: FAT LEAD  
 2: CUTTING 1  
 3: MID BOOST  
 4: MILD TONE  
 5: BRIGHT TONE  
 6: POWER METAL  
 7: CUTTING 2  
 8: TIGHT LOW  
 9: BS LOW BOOST  
 10: BS MID BOOST  
 11: FLAT

FX-2

1: VINTAGE PH  
 2: LIGHT PHASE  
 3: SUPER PHASE  
 4: Bi-PHASE  
 5: STEP PHASE  
 6: FLANGER  
 7: Hi BAND FL  
 8: LIGHT FL  
 9: FAST FLANGE  
 10: STEREO FL  
 11: BASS FLANGE  
 12: HARMONY in C  
 13: -3rd + -5th  
 14: -1oct+ -5th  
 15: PS +1 OCTAVE  
 16: PS -1 OCTAVE  
 17: PS PERFCT5th  
 18: DETUNE MONO  
 19: DETUNE ST  
 20: -1oct+DETUNE  
 21: FULL RNGE OC  
 22: LOWR RNGE OC  
 23: P.BEND UP

24: P.BEND DOWN  
 25: 2x2 CHORUS  
 26: TIGHT CE  
 27: BRIGHT CE  
 28: MILD CHORUS  
 29: FAST PAN  
 30: SLOW PAN  
 31: STEREO GATE  
 32: RHODES PAN  
 33: LIGHT PAN  
 34: FAST VIBRATO  
 35: SLOW VIBRATO  
 36: LightVIBRATO  
 37: FAST UNI-V  
 38: MEDIUM UNI-V  
 39: SLOW UNI-V  
 40: DEEP UNI-V  
 41: LIGHT UNI-V  
 42: MILD ROTARY  
 43: DEEP ROTARY  
 44: 400ms DELAY  
 45: 300ms DELAY  
 46: 200ms DELAY  
 47: DOUBLING  
 48: COMB FILTER  
 49: AUTO HU a-i  
 50: AUTO HU o-i  
 51: PICKNG HU  
 52: RANDOM HU  
 53: SLICER 1  
 54: SLICER 2  
 55: SLICER 3  
 56: SLICER 4  
 57: SLICER 5  
 58: AUTO RIFF 1  
 59: AUTO RIFF 2  
 60: AUTO RIFF 3  
 61: AUTO RIFF 4  
 62: AUTO RIFF 5  
 63: SQUARE LEAD  
 64: PWM LEAD  
 65: SAW LEAD  
 66: Gt.BRASS  
 67: SYNTH BASS1  
 68: SYNTH BASS2  
 69: RESO LEAD  
 70: SYNTH PAD  
 71: Gt.BOW  
 72: SLOW ATTACK  
 73: LOOSE Bs.SIM  
 74: TIGHT Bs.SIM  
 75: FAT LEAD EQ  
 76: CUTTING EQ  
 77: MID BOOST EQ  
 78: MILD TONE EQ  
 79: BRIGHT EQ  
 80: BS LOW BOOST  
 81: BS MID BOOST  
 82: FLAT EQ

Delay

1: MEDIUM DLY1  
 2: MEDIUM DLY2  
 3: MEDIUM DLY3  
 4: MILD DELAY  
 5: SHORT DELAY  
 6: ANALOG DELAY  
 7: LONG TAP DLY  
 8: DOUBLING  
 9: TEMPO DD4/4  
 10: TEMPO DD3/4  
 11: STEREO DELAY  
 12: ST. DOUBLING

Chorus

1: MONO CHORUS  
 2: STEREO CE 1  
 3: STEREO CE 2  
 4: ANALOG CE  
 5: DIMENSION  
 6: LIGHT CE  
 7: SLOW CHORUS  
 8: PRE DLY CE  
 9: FAST CHORUS  
 10: DEEP CHORUS  
 11: DOUBLING CE  
 12: BASS CHORUS

Reverb

1: NORMAL PLATE  
 2: AMBIENCE  
 3: BRIGHT ROOM  
 4: DARK ROOM  
 5: BRIGHT HALL  
 6: DARK HALL  
 7: RICH PLATE  
 8: LIVE HOUSE  
 9: LARGE HALL  
 10: SMALL ROOM

Assign

1: PEDAL WAH  
 2: PEDAL BEND  
 3: FOOT VOLUME  
 4: COMP ON/OFF  
 5: OD/DS ON/OFF  
 6: DELAY ON/OFF  
 7: CHRUS ON/OFF  
 8: FX-1 ON/OFF  
 9: FX-2 ON/OFF  
 10: DLY TIME TAP  
 11: MSTR BPM TAP  
 12: CH SEL INC

## FX-1

No.	Name	Type
1	VINTAGE WAH	Pedal Wah
2	MODERN FAT	
3	RESO WAH	
4	BASS WAH	
5	T.WAH UP	Auto Wah
6	T.WAH DOWN	
7	AUTO WAH	
8	MOD WAH	
9	BASS T.WAH	Tone Modify
10	FAT TONE	
11	MILD TONE	
12	BRIGHT TONE	
13	'S'to'H'	
14	'H'to'HF'	
15	'S'to Hollow	
16	'H'to Hollow	
17	'S'to AC	
18	'H'to AC	
19	STEREO COMP	Advanced Compressor
20	MILD COMP	
21	BRIGHT COMP	
22	ATTACK COMP	
23	STEREO LIMIT	Limiter
24	DEEP LIMIT	
25	ATTACK LIMIT	
26	GUITAR ENH 1	Enhancer
27	GUITAR ENH 2	
28	BASS ENH 1	
29	BASS ENH 2	Slow Gear
30	SLOW GEAR 1	
31	SLOW GEAR 2	
32	SLOW GEAR 3	Tremolo
33	FAST TREM	
34	MEDIUM TREM	
35	SLOW TREM	
36	DEEP TREM	
37	LIGHT TREM	Defretter
38	FRETLESS Gt	
39	FRETLESS Bs	
40	E.SITAR	
41	BOWING	Ring Modulator
42	RING MOD 1	
43	RING MOD 2	
44	RING - 1oct	
45	FEEDBACKER	Feedbacker

## Compressor

No.	Name
1	NORMAL COMP
2	DEEP COMP
3	LIGHT COMP

## Overdrive/Distortion

No.	Name
1	FAT BOOSTER
2	VINTAGE OD-1
3	BLUES CRUNCH
4	HI GAIN OD
5	POWER DIST
6	NATURAL OD
7	FAT DIST
8	CLASSIC DS
9	VINTAGE FUZZ
10	SOLID DRIVE
11	POWER METAL
12	METAL LEAD
13	HEAVY DIST
14	BASS DRIVE
15	BASS MIX

## Preamp/Speaker Simulator

No.	Name
1	BRIGHT JC
2	JAZZ TONE
3	WARM & CLEAN
4	BLACK PANEL
5	BLUES COMBO
6	CRUNCH LEAD
7	BRIT COMBO
8	MATCH COMBO
9	BG COMBO
10	SMOOTH COMBO
11	VINTAGE MS
12	MODERN MS
13	POWER STACK
14	HEAVY STACK
15	T-AMP LEAD
16	HiGAIN STACK
17	METAL DRIVE
18	BASS CLEAN
19	BASS STACK
20	BASS DRIVE

## Equalizer

No.	Name
1	FAT LEAD
2	CUTTING 1
3	MID BOOST
4	MILD TONE
5	BRIGHT TONE
6	POWER METAL
7	CUTTING 2
8	TIGHT LOW
9	BS LOW BOOST
10	BS MID BOOST
11	FLAT

## FX-2

No.	Name	Type
1	VINTAGE PH	Phaser
2	LIGHT PHASE	
3	SUPER PHASE	
4	Bi-PHASE	
5	STEP PHASE	
6	FLANGER	Flanger
7	Hi BAND FL	
8	LIGHT FL	
9	FAST FLANGE	
10	STEREO FL	
11	BASS FLANGE	Harmonist
12	HARMONY in C	
13	-3rd + -5th	
14	-1oct+ -5th	
15	PS +1 OCTAVE	Pitch Shifter
16	PS -1 OCTAVE	
17	PS PERFCT5th	
18	DETUNE MONO	
19	DETUNE ST	
20	-1oct+DETUNE	
21	FULL RNGE OC	Octave
22	LOWR RNGE OC	
23	P.BEND UP	Pedal Bend
24	P.BEND DOWN	
25	2×2 CHORUS	2×2 Chorus
26	TIGHT CE	
27	BRIGHT CE	
28	MILD CHORUS	
29	FAST PAN	Pan
30	SLOW PAN	
31	STEREO GATE	
32	RHODES PAN	
33	LIGHT PAN	

34	FAST VIBRATO	Vibrato
35	SLOW VIBRATO	
36	LightVIBRATO	
37	FAST UNI-V	Uni-V
38	MEDIUM UNI-V	
39	SLOW UNI-V	
40	DEEP UNI-V	
41	LIGHT UNI-V	
42	MILD ROTARY	Rotary
43	DEEP ROTARY	
44	400ms DELAY	Short Delay
45	300ms DELAY	
46	200ms DELAY	
47	DOUBLING	
48	COMB FILTER	
49	AUTO HU a-i	Humanizer
50	AUTO HU o-i	
51	PICKNG HU	
52	RANDOM HU	Slicer
53	SLICER 1	
54	SLICER 2	
55	SLICER 3	
56	SLICER 4	
57	SLICER 5	
58	AUTO RIFF 1	Auto Riff
59	AUTO RIFF 2	
60	AUTO RIFF 3	
61	AUTO RIFF 4	
62	AUTO RIFF 5	
63	SQUARE LEAD	Guitar Synthesizer
64	PWM LEAD	
65	SAW LEAD	
66	Gt.BRASS	
67	SYNTH BASS1	
68	SYNTH BASS2	
69	RESO LEAD	
70	SYNTH PAD	
71	Gt.BOW	Bass Simulator
72	SLOW ATTACK	
73	LOOSE Bs.SIM	
74	TIGHT Bs.SIM	Stereo Equalizer
75	FAT LEAD EQ	
76	CUTTING EQ	
77	MID BOOST EQ	
78	MILD TONE EQ	
79	BRIGHT EQ	
80	BS LOW BOOST	
81	BS MID BOOST	
82	FLAT EQ	

## Delay

No.	Name
1	MEDIUM DLY1
2	MEDIUM DLY2
3	MEDIUM DLY3
4	MILD DELAY
5	SHORT DELAY
6	ANALOG DELAY
7	LONG TAP DLY
8	DOUBLING
9	TEMPO DD4/4
10	TEMPO DD3/4
11	STEREO DELAY
12	ST. DOUBLING

## Assign

No.	Name	Pedal
1	PEDAL WAH	Expression
2	PEDAL BEND	
3	FOOT VOLUME	
4	COMP ON/OFF	Control
5	OD/DS ON/OFF	
6	DELAY ON/OFF	
7	CHRUS ON/OFF	
8	FX-1 ON/OFF	
9	FX-2 ON/OFF	
10	DLY TIME TAP	
11	MSTR BPM TAP	
12	CH SEL INC	

## Chorus

No.	Name
1	MONO CHORUS
2	STEREO CE 1
3	STEREO CE 2
4	ANALOG CE
5	DIMENSION
6	LIGHT CE
7	SLOW CHORUS
8	PRE DLY CE
9	FAST CHORUS
10	DEEP CHORUS
11	DOUBLING CE
12	BASS CHORUS

## Reverb

No.	Name
1	NORMAL PLATE
2	AMBIENCE
3	BRIGHT ROOM
4	DARK ROOM
5	BRIGHT HALL
6	DARK HALL
7	RICH PLATE
8	LIVE HOUSE
9	LARGE HALL
10	SMALL ROOM

## FX-1: Pedal Wah

Quick Setting		Parameters		
No.	Name	Type	Pedal Position	Level
1	VINTAGE WAH	CRY Wah	50	100
2	MODERN FAT	Fat Wah	50	100
3	RESO WAH	Reso Wah	50	100
4	BASS WAH	Bass Wah	50	100

## FX-1: Auto Wah

Quick Setting		Parameters							
No.	Name	Mode	Polarity	Sensitivity	Frequency	Peak	Rate	Depth	Level
5	T.WAH UP	BPF	Up	50	15	50	50	0	100
6	T.WAH DOWN	BPF	Down	20	80	50	50	0	100
7	AUTO WAH	BPF	Up	0	15	50	55	58	100
8	MOD WAH	LPF	Up	0	25	15	75	70	100
9	BASS T.WAH	LPF	Up	45	10	85	50	0	100

## FX-1: Tone Modify

Quick Setting		Parameters			
No.	Name	Type	Low	High	Level
10	FAT TONE	Fat	0	0	100
11	MILD TONE	Mild	0	0	100
12	BRIGHT TONE	Enhance	0	0	100
13	'S'to'H'	'S' → 'H'	0	0	100
14	'H'to'HF'	'H' → 'HF'	0	0	100
15	'S'to Hollow	'S' → Hollow	0	0	100
16	'H'to Hollow	'H' → Hollow	0	0	100
17	'S'to AC	'S' → AC	0	0	100
18	'H'to AC	'H' → AC	0	0	100

## FX-1: Advanced Compressor

Quick Setting		Parameters				
No.	Name	Type	Sustain	Attack	Tone	Level
19	STEREO COMP	Stereo Comp	50	40	0	50
20	MILD COMP	BOSS Comp	20	40	-30	50
21	BRIGHT COMP	Stereo Comp	50	40	+30	50
22	ATTACK COMP	D-Comp	65	40	0	40

## FX-1: Limiter

Quick Setting		Parameters					
No.	Name	Type	Attack	Threshold	Ratio	Release	Level
23	STEREO LIMIT	Stereo LM	40	60	5:1	20	25
24	DEEP LIMIT	Vtg Rack U	30	40	∞:1	20	30
25	ATTACK LIMIT	Rack 160D	80	60	5:1	10	25

### FX-1: Enhancer

Quick Setting		Parameters		
No.	Name	Sensitivity	Frequency	Mix Level
26	GUITAR ENH 1	40	3.15 kHz	60
27	GUITAR ENH 2	50	1.00 kHz	80
28	BASS ENH 1	40	1.25 kHz	40
29	BASS ENH 2	50	2.50 kHz	40

### FX-1: Slow Gear

Quick Setting		Parameters	
No.	Name	Sensitivity	Rise Time
30	SLOW GEAR 1	50	30
31	SLOW GEAR 2	50	60
32	SLOW GEAR 3	50	90

### FX-1: Tremolo

Quick Setting		Parameters		
No.	Name	Wave Shape	Rate	Depth
33	FAST TREM	100	90	50
34	MEDIUM TREM	100	80	50
35	SLOW TREM	100	70	50
36	DEEP TREM	100	85	80
37	LIGHT TREM	0	85	40

### FX-1: Defretter

Quick Setting		Parameters						
No.	Name	Tone	Sensitivity	Attack	Depth	Resonance	Effect Level	Direct Level
38	FRETLESS Gt	-10	50	45	0	80	100	0
39	FRETLESS Bs	-40	20	30	20	80	100	0
40	E.SITAR	+10	50	100	20	100	100	0
41	BOWING	-50	70	100	0	5	100	0

### FX-1: Ring Modulator

Quick Setting		Parameters			
No.	Name	Mode	Frequency	Effect Level	Direct Level
42	RING MOD 1	Normal	50	100	0
43	RING MOD 2	Normal	80	50	100
44	RING -1oct	Intelligent	24	100	100

### FX-1: Feedbacker

Quick Setting		Parameters						
No.	Name	Mode	Rise Time	Rise Time (▲)	Feedback Level	Feedback Level (▲)	Vibrato	
							Rate	Depth
45	FEEDBACKER	Natural	70	85	30	0	85	8

## Compressor

Quick Setting		Parameters	
No.	Name	Sustain	Level
1	NORMAL COMP	50	50
2	DEEP COMP	75	45
3	LIGHT COMP	25	80

## Overdrive/Distortion

Quick Setting		Parameters					
No.	Name	Type	Drive	Bass	Treble	Effect Level	Direct Level
1	FAT BOOSTER	Booster	50	-20	-20	50	0
2	VINTAGE OD-1	OD-1	40	0	0	60	0
3	BLUES CRUNCH	Blues OD	40	0	0	60	0
4	HI GAIN OD	Turbo OD	50	0	0	50	0
5	POWER DIST	Distortion	50	0	0	50	0
6	NATURAL OD	Natural OD	60	0	0	50	0
7	FAT DIST	RAT	60	0	0	50	0
8	CLASSIC DS	DST+	60	0	0	50	0
9	VINTAGE FUZZ	'60s FUZZ	50	0	0	50	0
10	SOLID DRIVE	Solid DS	80	0	0	45	0
11	POWER METAL	Heavy Metal	70	0	0	50	0
12	METAL LEAD	Metal Zone	70	0	0	50	0
13	HEAVY DIST	Loud	80	0	0	45	0
14	BASS DRIVE	Bass OD	50	0	0	50	0
15	BASS MIX	Bass OD	30	0	0	30	50

## Equalizer

Quick Setting		Parameters								
No.	Name	Low	Low-Middle			High-Middle			High	Level
		Equalizer	Frequency	Q	Equalizer	Frequency	Q	Equalizer	Equalizer	
1	FAT LEAD	0 dB	800 Hz	1	+10 dB	6.30 kHz	1	+4 dB	0 dB	-4 dB
2	CUTTING 1	-4 dB	1.00 kHz	1	-8 dB	8.00 kHz	1	+4 dB	0 dB	+3 dB
3	MID BOOST	-2 dB	500 Hz	1	+8 dB	8.00 kHz	1	+4 dB	0 dB	-2 dB
4	MILD TONE	0 dB	500 Hz	1	+2 dB	2.00 kHz	0.5	+5 dB	-20 dB	0 dB
5	BRIGHT TONE	-2 dB	500 Hz	1	0 dB	4.00 kHz	1	+4 dB	0 dB	0 dB
6	POWER METAL	0 dB	100 Hz	1	+6 dB	1.00 kHz	1	-4 dB	+6 dB	0 dB
7	CUTTING 2	-4 dB	500 Hz	1	+6 dB	2.50 kHz	1	-6 dB	+8 dB	-1 dB
8	TIGHT LOW	-15 dB	315 Hz	0.5	+5 dB	4.00 kHz	1	0 dB	0 dB	0 dB
9	BS LOW BOOST	+10 dB	63.0 Hz	1	+10 dB	4.00 kHz	1	0 dB	+4 dB	-4 dB
10	BS MID BOOST	0 dB	315 Hz	1	+8 dB	4.00 kHz	1	+2 dB	-2 dB	-1 dB
11	FLAT	0 dB	500 Hz	1	0 dB	4.00 kHz	1	0 dB	0 dB	0 dB



## Preamp/Speaker Simulator

Quick Setting		Parameters														
No.	Name	Preamp Type	Preamp Section								Speaker/Mic Section					
			Gain	Tone				Level	Bright	Gain SW	Speaker Type	Mic				Direct Level
				Bass	Middle	Treble	Presence					Type	Distance	Position	Level	
1	BRIGHT JC	JC-120	45	50	50	50	0	50	On	Middle	Original	CND451	Off Mic	5 cm	100	0
2	JAZZ TONE	Jazz Combo	50	60	60	40	0	50	Off	Middle	Original	DYN421	On Mic	5 cm	100	0
3	WARM & CLEAN	Warm Clean	50	50	50	50	0	50	Off	Middle	Original	DYN57	On Mic	5 cm	100	0
4	BLACK PANEL	Clean TWIN	80	50	50	50	0	45	Off	Middle	Original	DYN57	On Mic	5 cm	100	0
5	BLUES COMBO	Blues	60	50	50	50	0	50	Off	Middle	Original	DYN57	On Mic	5 cm	100	0
6	CRUNCH LEAD	Wild Crunch	80	60	60	50	0	45		Middle	Original	DYN57	Off Mic	5 cm	100	0
7	BRIT COMBO	VO Drive	50	50	50	50	0	50		Middle	Original	DYN57	On Mic	5 cm	100	0
8	MATCH COMBO	MATCH Drive	70	50	50	50	0	45		Middle	Original	DYN57	On Mic	5 cm	100	0
9	BG COMBO	BG Lead	50	50	50	50	0	45	Off	Middle	Original	DYN57	On Mic	5 cm	100	0
10	SMOOTH COMBO	Smooth Drive	50	50	50	65	30	50		Middle	Original	CND451	Off Mic	5 cm	100	0
11	VINTAGE MS	MS1959(I)	100	50	50	50	0	50		Middle	Original	DYN57	On Mic	5 cm	100	0
12	MODERN MS	MS HiGain	90	50	50	70	0	50		Middle	Original	DYN421	On Mic	5 cm	100	0
13	POWER STACK	Power Stack	65	40	70	50	0	50		Middle	Original	DYN421	On Mic	5 cm	100	0
14	HEAVY STACK	R-FIER Red	80	50	50	50	0	45		Middle	Original	DYN57	On Mic	5 cm	100	0
15	T-AMP LEAD	T-Amp Lead	100	60	80	50	0	50		Middle	Original	DYN57	On Mic	5 cm	100	0
16	HiGAIN STACK	Lead Stack	60	70	60	80	30	50		Middle	Original	CND87	Off Mic	5 cm	100	0
17	METAL DRIVE	5150 Drive	70	50	50	50	0	50		Middle	Original	DYN57	On Mic	5 cm	100	0
18	BASS CLEAN	Bass Clean	50	50	50	50	0	50		Middle	Original	DYN421	On Mic	5 cm	100	0
19	BASS STACK	CONCERT 810	70	50	50	50	0	45	Off	Middle	Original	CND87	Off Mic	5 cm	100	0
20	BASS DRIVE	Bass Crunch	120	70	50	70	0	50		Middle	Original	DYN421	On Mic	5 cm	100	0

**FX-2: Phaser**

Quick Setting		Parameters							
No.	Name	Type	Rate	Depth	Manual	Resonance	Step Rate	Effect Level	Direct Level
1	VINTAGE PH	4 Stage	70	50	55	0	Off	70	0
2	LIGHT PHASE	8 Stage	50	50	75	30	Off	40	60
3	SUPER PHASE	12 Stage	15	60	85	95	Off	30	0
4	Bi-PHASE	Bi-Phase	15	50	70	70	Off	22	0
5	STEP PHASE	12 Stage	15	60	85	90	70	30	0

**FX-2: Flanger**

Quick Setting		Parameters							
No.	Name	Rate	Depth	Manual	Resonance	Separation	Low Cut Filter	Effect Level	Direct Level
6	FLANGER	25	50	75	80	0	Flat	70	0
7	Hi BAND FL	25	40	85	50	0	400 Hz	70	0
8	LIGHT FL	25	50	75	80	0	Flat	35	70
9	FAST FLANGE	70	20	85	0	0	Flat	70	0
10	STEREO FL	20	55	80	80	100	Flat	70	0
11	BASS FLANGE	30	50	60	60	0	630 Hz	70	0

**FX-2: Harmonist**

Quick Setting		Parameters									
No.	Name	Voice	Voice 1				Voice 2			Key	Direct Level
			Harmony	Pre Delay	Feedback	Level	Harmony	Pre Delay	Level		
12	HARMONY in C	1-Voice	-3rd	0 ms	0	100				C (Am)	100
13	-3rd + -5th	2-Stereo	-3rd	0 ms	0	50	-5th	0 ms	50	C (Am)	100
14	-1oct+ -5th	2-Mono	-1 oct	0 ms	0	100	-5th	0 ms	100	C (Am)	100

### FX-2: Pitch Shifter

Quick Setting		Parameters												
No.	Name	Voice	Voice 1						Voice 2					Direct Level
			Mode	Pitch	Fine	Pre Delay	Feedback	Level	Mode	Pitch	Fine	Pre Delay	Level	
15	PS +1 OCTAVE	1-Voice	Slow	+12	0	0 ms	0	50						100
16	PS -1 OCTAVE	1-Voice	Medium	-12	0	0 ms	0	100						100
17	PS PERFCT5th	1-Voice	Medium	+7	0	0 ms	0	100						100
18	DETUNE MONO	1-Voice	Medium	0	+10	0 ms	0	100						100
19	DETUNE ST	2-Stereo	Medium	0	+10	0 ms	0	50	Medium	0	-10	0 ms	50	100
20	-1oct+DETUNE	2-Mono	Medium	-12	0	0 ms	0	100	Medium	0	+10	0 ms	100	100

### FX-2: Octave

Quick Setting		Parameters		
No.	Name	Range	Octave Level	Direct Level
21	FULL RNGE OC	Range 1	100	100
22	LOWR RNGE OC	Range 4	100	100

### FX-2: Pedal Bend

Quick Setting		Parameters				
No.	Name	Pitch Min	Pitch Max	Pedal Position	Effect Level	Direct Level
23	P.BEND UP	0	+12	100	100	0
24	P.BEND DOWN	0	-12	100	100	0

### FX-2: 2×2 Chorus

Quick Setting		Parameters									
No.	Name	Crossover Frequency	Low				High				
			Rate	Depth	Pre Delay	Level	Rate	Depth	Pre Delay	Level	
25	2×2 CHORUS	800 Hz	20	20	8.0 ms	50	40	50	4.0 ms	100	
26	TIGHT CE	1.00 kHz	20	20	4.0 ms	30	40	50	4.0 ms	100	
27	BRIGHT CE	200 Hz	40	50	4.0 ms	0	40	50	4.0 ms	100	
28	MILD CHORUS	1.00 kHz	40	50	10.0 ms	100	40	50	2.0 ms	0	

### FX-2: Pan

Quick Setting		Parameters		
No.	Name	Wave Shape	Rate	Depth
29	FAST PAN	0	90	100
30	SLOW PAN	0	20	100
31	STEREO GATE	100	70	100
32	RHODES PAN	30	80	50
33	LIGHT PAN	10	80	30

### FX-2: Vibrato

Quick Setting		Parameters			
No.	Name	Rate	Depth	Trigger	Rise Time
34	FAST VIBRATO	80	15	On	80
35	SLOW VIBRATO	60	20	On	80
36	LightVIBRATO	70	10	On	80

### FX-2: Uni-V

Quick Setting		Parameters		
No.	Name	Rate	Depth	Level
37	FAST UNI-V	90	30	70
38	MEDIUM UNI-V	75	40	70
39	SLOW UNI-V	50	50	70
40	DEEP UNI-V	70	80	70
41	LIGHT UNI-V	80	10	70

### FX-2: Rotary

Quick Setting		Parameters					
No.	Name	Speed Select	Rate		Rise Time	Fall Time	Depth
			Slow	Fast			
42	MILD ROTARY	Slow	32	85	50	50	20
43	DEEP ROTARY	Fast	10	85	50	50	80

### FX-2: Short Delay

Quick Setting		Parameters		
No.	Name	Delay Time	Feedback	Effect Level
44	400ms DELAY	400 ms	20	10
45	300ms DELAY	300 ms	30	10
46	200ms DELAY	200 ms	40	10
47	DOUBLING	30 ms	0	70
48	COMB FILTER	5 ms	0	70

### FX-2: Humanizer

Quick Setting		Parameters							
No.	Name	Mode	Vowel 1	Vowel 2	Sensitivity	Rate	Depth	Manual	Level
49	AUTO HU a-i	Auto	a	i		50	100	50	100
50	AUTO HU o-i	Auto	o	i		50	100	50	100
51	PICKNG HU	Picking	a	e	50	50	100		100
52	RANDOM HU	Random				50	100		100

### FX-2: Slicer

Quick Setting		Parameters		
No.	Name	Pattern	Rate	Trigger Sensitivity
53	SLICER 1	P1	50	50
54	SLICER 2	P5	50	50
55	SLICER 3	P9	50	50
56	SLICER 4	P11	50	50
57	SLICER 5	P16	50	50

### FX-2: Auto Riff

Quick Setting		Parameters								
No.	Name	Phrase	Loop	Tempo	Sensitivity	Key	Attack	Hold	Effect Level	Direct Level
58	AUTO RIFF 1	Preset 3	Off	85	100	C (Am)	50	Off	100	0
59	AUTO RIFF 2	Preset 4	Off	85	100	C (Am)	50	Off	100	0
60	AUTO RIFF 3	Preset 10	Off	85	100	C (Am)	50	Off	100	0
61	AUTO RIFF 4	Preset 19	Off	85	100	C (Am)	50	Off	100	0
62	AUTO RIFF 5	Preset 21	Off	85	100	C (Am)	50	Off	100	0

## FX-2: Guitar Synth

Quick Setting		Parameters																
No.	Name	Sensitivity	Wave	Chromatic	Octave Shift	PWM		Cutoff Frequency	Resonance	Filter			Attack	Release	Velocity	Hold	Synth Level	Direct Level
						Rate	Depth			Sensitivity	Decay	Depth						
63	SQUARE LEAD	100	Square	Off	0	50	0	50	15	0	50	0	0	10	0	Off	44	0
64	PWM LEAD	100	Square	Off	0	50	50	75	10	0	50	+20	0	10	0	Off	40	0
65	SAW LEAD	100	Saw	Off	0			50	20	0	50	+30	5	10	0	Off	40	0
66	Gt.BRASS	100	Brass					50	0	0	50	0	0	50	0		40	0
67	SYNTH BASS1	100	Square	Off	-1	40	50	50	70	0	70	+50	0	10	0	Off	35	0
68	SYNTH BASS2	100	Square	Off	-1	50	0	50	20	0	50	+30	0	10	0	Off	35	0
69	RESO LEAD	100	Square	Off	0	50	50	75	80	0	60	-60	10	70	0	Off	35	0
70	SYNTH PAD	100	Square	On	0	70	50	25	50	0	80	+50	Decay	80	0	Off	40	0
71	Gt.BOW	100	Bow					100	0	0	50	-100	49	50	0		40	0
72	SLOW ATTACK	100	Saw	Off	0			75	20	0	70	+50	94	70	0	Off	40	0

## FX-2: Bass Simulator

Quick Setting		Parameters	
No.	Name	Character	Level
73	LOOSE Bs.SIM	Loose	100
74	TIGHT Bs.SIM	Tight	100

## FX-2: Stereo Equalizer

Quick Setting		Parameters								
No.	Name	Low	Low-Middle			High-Middle			High	Level
		Equalizer	Frequency	Q	Equalizer	Frequency	Q	Equalizer	Equalizer	
75	FAT LEAD EQ	0 dB	800 Hz	1	+10 dB	6.30 kHz	1	+4 dB	0 dB	-4 dB
76	CUTTING EQ	-4 dB	1.00 kHz	1	-8 dB	8.00 kHz	1	+4 dB	0 dB	+3 dB
77	MID BOOST EQ	-2 dB	500 Hz	1	+8 dB	8.00 kHz	1	+4 dB	0 dB	-2 dB
78	MILD TONE EQ	0 dB	500 Hz	1	+2 dB	2.00 kHz	0.5	+5 dB	-20 dB	0 dB
79	BRIGHT EQ	-2 dB	500 Hz	1	0 dB	4.00 kHz	1	+4 dB	0 dB	0 dB
80	BS LOW BOOST	+10 dB	63.0 Hz	1	+10 dB	4.00 kHz	1	0 dB	+4 dB	-4 dB
81	BS MID BOOST	0 dB	315 Hz	1	+8 dB	4.00 kHz	1	+2 dB	-2 dB	-1 dB
82	FLAT EQ	0 dB	500 Hz	1	0 dB	4.00 kHz	1	0 dB	0 dB	0 dB

## Delay

Quick Setting		Parameters					
No.	Name	Type	Delay Time	Tap Time	Feedback	High Cut Filter	Effect Level
1	MEDIUM DLY1	Single	420 ms		20	Flat	10
2	MEDIUM DLY2	Single	600 ms		10	Flat	10
3	MEDIUM DLY3	Single	300 ms		32	Flat	10
4	MILD DELAY	Single	400 ms		20	4.00 kHz	15
5	SHORT DELAY	Single	180 ms		40	Flat	40
6	ANALOG DELAY	Single	300 ms		30	2.00 kHz	40
7	LONG TAP DLY	Pan	1600 ms	50%	20	Flat	15
8	DOUBLING	Single	30 ms		0	Flat	70
9	TEMPO DD4/4	Single	BPM Q		20	Flat	30
10	TEMPO DD3/4	Single	BPM E.		10	Flat	100
11	STEREO DELAY	Stereo	300 ms		30	Flat	35
12	ST. DOUBLING	Stereo	36 ms		0	Flat	100

## Chorus

Quick Setting		Parameters						
No.	Name	Mode	Rate	Depth	Pre Delay	Low Cut Filter	High Cut Filter	Effect Level
1	MONO CHORUS	Mono	40	50	4.0 ms	Flat	Flat	100
2	STEREO CE 1	Stereo 1	40	50	4.0 ms	Flat	Flat	100
3	STEREO CE 2	Stereo 2	40	50	4.0 ms	Flat	Flat	100
4	ANALOG CE	Mono	40	50	4.0 ms	Flat	2.00 kHz	100
5	DIMENSION	Stereo 1	30	50	5.0 ms	Flat	8.00 kHz	100
6	LIGHT CE	Mono	30	45	4.0 ms	Flat	Flat	50
7	SLOW CHORUS	Stereo 1	20	75	2.0 ms	Flat	Flat	100
8	PRE DLY CE	Stereo 1	20	50	10.0 ms	Flat	Flat	100
9	FAST CHORUS	Mono	75	15	2.0 ms	Flat	Flat	100
10	DEEP CHORUS	Stereo 1	50	50	10.0 ms	Flat	Flat	100
11	DOUBLING CE	Stereo 1	20	30	30.0 ms	Flat	Flat	50
12	BASS CHORUS	Stereo 1	40	30	4.0 ms	500 Hz	2.00 kHz	100

## Reverb

Quick Setting		Parameters						
No.	Name	Type	Reverb Time	Pre Delay	Low Cut Filter	High Cut Filter	Density	Effect Level
1	NORMAL PLATE	Plate	2.8 s	0 ms	110 Hz	6.00 kHz	8	8
2	AMBIENCE	Ambience	0.8 s	0 ms	Flat	4.00 kHz	2	30
3	BRIGHT ROOM	Room	2.1 s	10 ms	200 Hz	Flat	8	12
4	DARK ROOM	Room	1.8 s	10 ms	55.0 Hz	6.00 kHz	4	12
5	BRIGHT HALL	Hall 1	3.0 s	30 ms	55.0 Hz	4.00 kHz	10	8
6	DARK HALL	Hall 2	3.5 s	30 ms	110 Hz	6.00 kHz	8	8
7	RICH PLATE	Plate	3.0 s	10 ms	55.0 Hz	8.00 kHz	10	16
8	LIVE HOUSE	Room	2.0 s	5 ms	55.0 Hz	3.00 kHz	4	15
9	LARGE HALL	Hall 1	4.0 s	30 ms	55.0 Hz	3.00 kHz	5	20
10	SMALL ROOM	Ambience	1.6 s	5 ms	55.0 Hz	8.00 kHz	5	30

## Assign

Quick Setting		Parameters						
No.	Name	Target	Target Range		Source	Source Mode	Active Range	
			Min	Max			Lo	Hi
1	PEDAL WAH	PW: Pdl Position	0	100	EXP PEDAL	Normal	0	127
2	PEDAL BEND	PB: Pdl Position	0	100	EXP PEDAL	Normal	0	127
3	FOOT VOLUME	FV: Level	0	100	EXP PEDAL	Normal	0	127
4	COMP ON/OFF	CS: On/Off	Off	On	CTL 1	Toggle	0	127
5	OD/DS ON/OFF	OD: On/Off	Off	On	CTL 1	Toggle	0	127
6	DELAY ON/OFF	DD: On/Off	Off	On	CTL 1	Toggle	0	127
7	CHRUS ON/OFF	CE: On/Off	Off	On	CTL 1	Toggle	0	127
8	FX-1 ON/OFF	FX1: On/Off	Off	On	CTL 1	Toggle	0	127
9	FX-2 ON/OFF	FX2: On/Off	Off	On	CTL 1	Toggle	0	127
10	DLY TIME TAP	Delay Time (Tap)	Off	On	CTL 1	Normal	0	127
11	MSTR BPM TAP	Master BPM (Tap)	Off	On	CTL 1	Normal	0	127
12	CH SEL INC	CH Select Inc	Off	On	CTL 1	Normal	0	127