

GENERAL MIDI

BANK 0



0	Grand Piano
1	Bright Piano
2	Electric Grand Piano
3	Honky Tonk
4	E-Piano Tines
5	E-Piano FM
6	Harpsichord
7	Clavinet
8	Celesta
9	Glockenspiel
10	Music Box
11	Vibraphon
12	Marimba
13	Xylophon
14	Tubular Bell
15	Dulcimer
16	Drawbar Organ
17	Percussive Organ
18	Rock Organ
19	Church Organ
20	Reed Organ
21	Accordion
22	Harmonica
23	Accordion Tango
24	Nylon Guitar
25	Acoustic Steel
26	Jazz Guitar
27	Guitar clean
28	Guitar mute clean
29	Overdrive Guitar
30	Distortion Guitar
31	Guitar harmonics

32	Upright Jazz Bass
33	E-Bass fingered
34	E-Bass picked
35	Fretless Bass
36	Slap Bass 1
37	Slap Bass 2
38	Synth Bass 1
39	Synth Bass 2
40	Violin
41	Viola
42	Cello
43	Contrabass
44	Tremolo Strings
45	Pizzicato Strings
46	Harp
47	Timpani
48	String Ensemble 1
49	String Ensemble 2
50	Synth Strings 1
51	Synth Strings 2
52	Choir Aahs
53	Voice Dohs
54	Synth Voice
55	Orchestra Hit
56	Trumpet
57	Trombone
58	Tuba
59	Trp. Mute
60	Horn
61	Brass Section
62	Synth Brass 1
63	Synth Brass 2

GENERAL MIDI

BANK 0

64	Sopran Sax
65	Alto Sax
66	Tenor Sax
67	Bariton Sax
68	Oboe
69	English Horn
70	Bassoon
71	Clarinet
72	Piccolo
73	Flute
74	Recorder
75	Pan Flute
76	Blown Bottle
77	Shakuhachi
78	Whistle
79	Ocarina
80	Square Lead
81	Saw Lead
82	Calliope
83	Chiffer Lead
84	Charang
85	Solo Vox
86	5th Saw wave
87	Bass & Lead
88	New Age
89	Warm Pad
90	Polysynth
91	Choir pad
92	Bowed
93	Metallic
94	Halo pad
95	Sweep

96	Rain
97	Soundtrack 5th
98	Crystal
99	Atmosphere
100	Brightness
101	Goblins
102	Echoes
103	Sci-fi Star
104	Sitar
105	Banjo
106	Shamisen
107	Koto
108	Kalimba
109	Bag pipe
110	Fiddle
111	Shanai
112	Tinkle Bell
113	Agogo
114	Steel Drums
115	Woodblock
116	Taiko Drum
117	Melodic Tom
118	Synth Drum
119	Reverse Cymbal
120	Guitar Noise
121	Breath Noise
122	Seashore
123	Bird
124	Telephon
125	Helicopter
126	Applaus
127	Gunshot

## Piano Bank MSB 1

Prg.		
00	Grand Piano	
02	Rock Piano	
04	Classic Grand Piano	
06	Honky Tonk	
07	Grand Latin Octave	
08	Upright Piano	
09	Grand Piano	Layered EP-FM
10	Grand Piano & E-Grand Rock	Layered MKS & CP Attack
11	Grand Piano	Layered Pad
12	Grand Piano	Layered Strings
100	Grand Piano	pp samples only
101	Grand Piano	p samples only
102	Grand Piano	mp samples only
127	Silence - no sound	

## E-Piano Bank MSB 2

Prg.		
0	Electric Grand	
1	Electric Grand & Mic. Attack	
2	Electric Grand MKS	MKS & Grand
3	Electric Grand Mic. Attack	curved velocity - layer this sound
4	E-Piano MK1 Classic	
5	E-Piano MK1 Classic	soft
6	E-Piano MK1 Classic	Layered MKS
7	E-Piano MK1 Classic	Vibrato 1
8	E-Piano MK1 Classic	Layered Bell
9	E-Piano MK1 Classic	Layered EP-FM
10	E-Piano MK1 Classic	Layered Pad
11	E-Piano V3 Bella	
12	E-Piano V3 Bella	Note-off 1 Octave up
13	E-Piano V3 Bella	Layered Cortales
14	E-Piano V3 Bella	Layered Pad
15	E-Piano Wurl. A200	
16	E-Piano Wurl. A200	Vibrato 1
17	E-Piano Wurl. A200	Vibrato 2

## E-Piano Bank MSB 2

Prg.		
18	E-Piano DX Classic	
19	E-Piano FM	
20	E-Piano FM	Layered Bell
21	E-Piano FM	Filter
22	E-Piano FM	Note-off
23	E-Piano FM	Layered MKS
24	E-Piano FM	Vibrato 1
25	E-Piano FM	Vibrato 2
26	E-Piano FM	Layered Pad
27	E-Piano FM	Layered Bell & Pad
127	Silence - no sound	

## Organ Bank MSB 3

Prg.		
0	Organ 776555678 slow	slow Rotary
1	Organ 776555678 fast	fast Rotary
2	Organ 800000568 slow	slow Rotary
3	Organ 800000568 fast	fast Rotary
4	Organ 008530000 slow	slow Rotary
5	Organ 008530000 fast	fast Rotary
6	Organ 800000000 slow	slow Rotary
7	Organ 800000000 fast	fast Rotary
8	Organ 807800000 slow	slow Rotary
9	Organ 807800000 fast	fast Rotary
10	Organ 804708000 slow	slow Rotary
11	Organ 804708000 fast	fast Rotary
12	Organ 800008000 slow	slow Rotary
13	Organ 800008000 fast	fast Rotary
14	Organ 800000008 slow	slow Rotary
15	Organ 800000008 fast	fast Rotary
16	Organ 687600000 slow	slow Rotary
17	Organ 687600000 fast	fast Rotary
18	Organ 888 perc slow	
19	Rock Organ	
20	Ham Full	
21	Ham L100 Retro KW1	
22	Ham L100 Retro KW2	

# Organ

Bank MSB 3

Prg.		
23	German Organ DB slow	
24	German Organ DB fast	
25	German Organ FL slow	
26	German Organ FL fast	
27	Version UK	
28	Theatre Organ Mighty Tower	
29	Theatre Organ + Xylophone Reiteration	
30	Theatre Organ + Glocken Reiteration	
31	Theatre Organ Piston 2	
32	Theatre O. Piston 2+ Xylo. Reiteration	
33	Theatre O. Piston 2 + Glocken Reiteration	
34	Theatre Organ Royal	
35	Theatre O. Royal + Xylo. Reiteration	
36	Theatre O. Royal + Glocken Reiteration	
37	Theatre Organ Pedal Bass	
38	Organ House	
39	Combo Retro Vibrato 1	
40	Combo Retro Vibrato 2	
41	Classic Organ Tutti 1	
42	Classic Organ Tutti 2	
43	Classic Organ Pipe Flute	
44	Classic Organ Pipe Combi	
45	Classic Organ Pedal Flute 16	
118	Theatre Organ Glocken Hit	
119	Theatre Organ Glocken short	
120	Theatre Organ Glocken Reiteration	
121	Theatre Organ Xylophone Hit	
122	Theatre Organ Xylo. Reiteration	
123	Theatre Organ Xylo. Hit & Reiteration	
124	T. O. Glocken Reiteration	velocity dynamic
125	T. O. Xylo Reiteration	velocity dynamic
126	Organ Click	
127	Silence - no sound	

# Organ - Drawbar Registrations

Bank MSB 4

Prg.	Attitudes of	16	5 <sup>1/3</sup>	8	4	2 <sup>2/3</sup>	2	1 <sup>3/5</sup>	1 <sup>1/3</sup>	1	Percussion
00	Jimmy Smith	8	8	8							Perc 3
01	Joey DeFrancesco	8	8	8						8	Perc 2
02	Charles Earland	8	8	8	8						Perc 3
03	Brian Auger	8	8	8	6						Perc 2
04	Garner-Set	8					8	8	8	8	Perc 3
05	Piano Set	8									Perc 2
06	Walter Wanderley	8			7						Perc 2
07	Whistle	8								8	Perc 2
08	Gospel Set	8		8	8	4	4			8	Perc 2
09	Blues Set	8	8	5	3	2	3	5	8	8	Perc 3
10	EasyListening	8		8		8		8		8	Perc 2
11	Jimmy Smith	8	8								Perc 3
12	Jimmy Smith	8		8							Perc 3
13	Joey Defrancesco	8	8	7	6				4		Perc 3
14	Ballad 2	8				2					Perc 2
15	Jesse Crawford	8			8						Perc 3
16	Joey Defrancesco	8	3	8							Perc 3
17	Booker T. Jones	8	8	8	6	3					Perc 3
18	Green Onions	8		8	8					8	Perc 3
19	Matthew Fisher	8			8		8				Perc 2
20	Jimmy McGriff Gospel	8	8	8	6					6	Perc 2
21	Chords			4	3	7					Perc 3
22	Chords			8	4						Perc 2
23	Walter Wanderley			8	8					6	Perc 3
24	Walter Wanderley			8			8				Perc 3
25	Lenny Dee	8	8	8				8			Perc 2
26	Lenny Dee	8		8		8		8		8	Perc 3
27	Lenny Dee		8	8				8	8	8	Perc 2
28	Ethel Smith	8	8	8	8					8	Perc 2
29	Ken Griffin	8		8	8		8			8	Perc 2
30	Jon Lord	8	8	8							Perc 2
31	Jimmy Smith	8	8								Perc 2
32	Jimmy Smith	8		8							Perc 2
33	Exclusive	8		8							Perc 2 & 3 Repetition
34	Exclusive	8	3	8							Perc 2 & 3 Repetition

## Organ - Drawbar Registrations

Bank MSB 4

Prg.		16	5 <sup>1/3</sup>	8	4	2 <sup>2/3</sup>	2	1 <sup>3/5</sup>	1 <sup>1/3</sup>	1	Percussion
35	Standard	8	8	8				7	6	6	Perc 2
36	Standard	8	8	8	5	5	5	6	6	6	Perc 2
37	Standard	8	8	8	8	8	8				Perc 3
38	Standard	8	8	8	5	4	4	8	8	8	Perc 3
39	Standard	8			8	8	8	7	6	6	Perc 3
40	Experiment	8	8	8			6				Perc 1 exp.
41	Experiment	8	7			6		5			Perc 1 exp.
42	Experiment	8	8	8	8	5					Perc 1 <sup>3/5</sup> exp.
43	Experiment	8	7		6	5					Perc 8 exp.
44	Standard	8	7		6		7				Perc 3

## Organ - Drawbars

Bank MSB 4

Prg.	
45	Bars 1st Three
46	Bars 1st Four
47	Bar 16
48	Bars 16 + 8
49	Bar 8
50	Bar 5 1/3
51	Vib A (HPF)
52	Vib B (HPF)
53	Full Organ (HPF)
54	Highest (HPF)
55	Middle Mixed (HPF)
56	Bars 1st Three
57	Bars 1st Four
58	Bar 16
59	Bar 16 & 8
60	Bar 8
61	Bar 5 1/3
62	Bar 4
63	Bar 2 2/3
64	Bar 2
65	Bar 1 3/5
66	Bar 1 1/3
67	Bar 1

Prg.	
68	Percussion 2
69	Percussion 2 long
70	Percussion 3
71	Percussion 3 long
72	Organ Click
127	Silence - no sound

## Perc. Tuned Instr. Bank MSB 5

Prg.	
0	Music Box
1	Music Box octave delay
2	Music Box octave delay - soft Attack
3	Vibraphone
4	Vibraphone short Release
5	Vibraphone soft Attack
6	Vibraphone no Vibrato
7	Vibraphone no Vibrato shot Release
8	Vibraphone fast Tremolo
9	Celeste
10	Tinkle
11	Marimba
12	Marimba octave delay
13	Marimba & Xylophone
14	Xylophone
15	Xylophone octave delay
16	Tubular Bell
17	Tubular Bell 2
18	Timpani
19	Kalimba
20	Cortales
21	Steel drums
22	Alpin Bells Hit
23	Alpin Bells Roll
24	Alpin Bells Hit & Roll
25	Bells
127	Silence - no sound

## String Instr.

Bank MSB 6

Prg.	
0	Harp
1	Harp & Octave
2	Clavinet 1
3	Clavinet 2
4	Zither
5	Dulcimer 3 strings
6	Dulcimer 3 strings+
7	Dulcimer 3 strings Tremolo
8	Dulcimer 3 strings bowed
9	Dulcimer 5 strings
10	Dulcimer 5 strings+
11	Dulcimer 5 strings Tremolo
12	Dulcimer 5 strings bowed
13	Harp
14	Harp long
127	Silence - no sound

## Guitar

Bank MSB 7

Prg.	
00	Guitar Nylon
01	Guitar Nylon soft
02	Guitar Nylon Octave
03	G. Nylon Slide velo. 116-127
04	Guitar Nylon Harmonics
05	Guitar Steel 1
06	Guitar Steel 1 soft
07	Guitar Steel 1 hard
08	Guitar Steel 1 double
09	Guitar Steel 1 mute
10	Guitar Steel 1 bowed
11	Guitar Steel 2
12	Guitar Steel 2 soft Attack
13	Guitar Steel 3
14	Guitar Steel 3 soft Attack
15	Banjo
16	Banjo Slide velo. 116-127
17	Mandoline Italian
18	Mandoline Ensemble Tremolo
19	Mandoline Ensemble
20	M. Ens. Split velo. 116-127 Split

## Guitar

Bank MSB 7

Prg.	
21	Git. Jazz 1
22	Git. Jazz 2
23	Git. Jazz & Octave
24	Pedal Steel Vibrato
25	Pedal Steel
26	Pedal Steel bowed
27	P. Steel Slide velo. 116-127
28	Guitar Jazz 3
29	Guitar Jazz 3 Chicken Picking
30	Guitar Jazz 4
31	Guitar Jazz 4 Chicken Picking
32	E-Guitar 1 US clean
33	E-Guitar 1 US mute
34	E-Guitar 2 BR clean HPF
35	E-Guitar 2 BR mute HPF
36	E-Guitar Overdrive
37	E-Guitar Distortion
38	Rhythm Guitar
39	Rhythm Guitar
123	Nylon Guitar Percussion
124	Guitar stroke
125	Guitar noise
126	Guitar ghost note
127	Silence - no sound

## Accordion

Bank MSB 8

Prg.	
00	Harmonica
01	Harmonica Slide velo. 116-127
02	Harmonica Vibrato
03	Accordina
04	Accordion Musette 888
05	Accordion Musette 888+16
06	Accordion Musette 4+888
07	Accordion Musette 4+888+16
08	Accordion Musette Vintage Italian
09	Accordion Vintage Musette VM 888
10	Accordion Vintage Musette VM 888+16
11	Accordion Vintage Musette VM 4+888
12	Accordion V. Musette VM 4+888+16
13	Accordion Musette 888 Benelux
14	Accordion Musette 888 Germany
15	Accordion Musette 888 Italy Retro
16	Accordion Musette 888 French
17	Accordion 88 French
18	Accordion 88+16
19	Accordion 4+88
20	Accordion 4+88+16
21	Tango 8+16
22	Tango 8+16 Repetition
23	Accordion Celeste 88 French
24	Accordion Celeste 88+16
25	Accordion Celeste 4+88+16
26	Accordion Celeste VE10 88 French
27	Accordion Celeste VE10 88+16
28	Accordion Super VI - Reed 8
29	Accordion Super VI - Reed 4+8
30	Accordion Super VI - Reed 88
31	Accordion Super VI - Reed 4+16
32	Accordion Super VI - Reed 4+88
33	Accordion Super VI - Reed 8+16
34	Accordion Super VI - Reed 4+8+16
35	Accordion Super VI - Reed 88+16
36	Accordion Super VI - Reed 4+88+16
37	Big Musette
38	Accordion 16
39	Accordion 8+16
40	Accordion 4+8+16
41	Accordion 4+16
42	Accordion 888
43	Accordion 888+
44	Accordion 888++
45	Accordion 888+++
46	Accordion 8
47	Accordion 8+16
48	Accordion 4+8+16
49	Accordion 4+8
50	Melodeon 8
51	Melodeon 88 flat
52	Melodeon 88 medium
53	Melodeon 88 wide
54	Melodeon 816
55	Melodeon Tradition Austria „Steirische“
56	Melodeon Tradition Norway „Corona“
57	Melodeon Tradition Irish „Saturn“
58	Melodeon Tradition Swiss „Örgeli“
59	Melodeon Tradition Benelux „Serena“
117	Jew's harp
127	Silence - no sound

## Full Strings & Disco Strings

Bank MSB 9

Prg.		
00	Full Strings 1 Chamber Emotion	velocity to Attack
01	Full Strings 1 Chamber short	Release shot
02	Full Strings 1 Chamber medium	Release medium
03	Full Strings 1 Chamber long	Release long
04	Full Strings 1 Chamber slow	Slow Attack
05	Full Strings 2 short	Release shot
06	Full Strings 2 medium	Release medium
07	Full Strings 2 long	Release long
08	Full Strings 2 forte	forte only
09	Full Strings 2 piano	piano only
10	Full Strings 3 Emotion	velocity to Attack time
11	Full Strings 3 FAD	layered 4
12	Full Strings 3 slow	slow
13	Full Strings 3	standard
14	Full Strings Tremolo	
15	Full Strings Pizzicato	

## Solo Strings

Bank MSB 10

Prg.		
0	Geige	
1	Geige	soft Attack
5	Geige Slide	velo. 116-127 Slide
6	Celtic Fiddle	
8	Celtic Fiddle Slide	velo. 116-127 Slide
9	Classic Solo Violin	velocity dynamic
10	Classic Solo Violin	marcato
16	Classic Solo Viola	velocity dynamic
17	Classic Solo Viola	marcato
23	Classic Solo Cello	velocity dynamic
24	Classic Solo Cello	marcato
30	Classic Solo Contra Bass	velocity dynamic
31	Classic Solo Contra Bass	marcato
127	Silence - no sound	

## Synth Strings

Bank MSB 11

Prg.		
0	Strings PWM	
1	Strings PWM - up	
2	Strings PWM - ENV	
3	Strings PWM - notch	
4	Strings MKS	
5	Strings MKS II	
6	Strings MKS LP24	
7	Strings MKS Rise	
8	Strings Retro Solino	
9	Stringmaster Retro	
10	Strings M12	
11	Strings M12	
12	Strings M12	
13	Strings M12 Notch	
14	Strings M12 Notch	
15	Strings M12 Notch	
33	OB Strings fast	
34	OB Strings slow	
35	OB Strings II mono LPF	
36	OB Strings II mono BPF	
37	OB Strings II mono HPF	
127	Silence - no sound	

## Brass Solo

Bank MSB 12

Prg.		
0	Trumpet 1	velo. split 48 - 96
1	Trumpet 1	velo. split 64
2	Trumpet 1	piano only
3	Trumpet 1	mezzo only
4	Trumpet 1	forte only
5	Trumpet 1	velocity zone 116-127 fall
6	Trumpet 1	velocity zone 116-127 goup
7	Trumpet 1	velocity zone 116-127 Slide
8	Trumpet 2 Ivan	
9	Trumpet 2 Ivan	4 velocity split
10	Trumpet 2 Ivan 1/4 note	
11	Trumpet 2 Ivan 1/4 note	4 velocity split
12	Trumpet 3 Vibrato	5 velocity split
13	Trumpet 3 Vibrato soft	3 velocity split - soft version
14	Trumpet 3 Vibrato hard	3 velocity split - hard only
15	Trumpet 3 Vibrato 2	Modell 2
16	Trumpet 3 Vibrato sfz	sfz
17	Trumpet 3 Vibrato leagto	leagto
18	Trumpet 3 High Lead - no Vibrato	ff Lead only

## Brass Solo

Bank MSB 12

Prg.		
19	Cornet	
20	Cornet	soft
21	Cornet	hard
22	Cornet	portamento Attack
23	Trumpet mute	
24	Trumpet mute AV	Repetition / Auto Variation
25	Flugelhorn	
26	Trombone Vibrato	
27	Trombone	
28	Trombone damper	
29	F-Horn	
30	Tenorhorn	
31	Tenorhorn Vibrato	
32	Alphorn	
33	Baritone horn Vibrato	
34	Baritone horn staccato	
35	Tuba	
36	Tuba soft	
127	Silence	no sound

## Brass Section

Bank MSB 13

Prg.		
0	US Trumpet Section	dynamic split
1	US Trumpet Section forte	forte
2	US Trumpet Section mezzo	mezzo
3	US Trumpet Section fast fall	fast fall
4	US Trumpet Section medium fall	medium fall
5	US Trumpet Section Split	velo. 116-127 fall
6	US Trombone Section	dynamic split
7	US Trombone Section forte	forte
8	US Trombone Section mezzo	mezzo
9	US Trombone Section fast fall	fast fall
10	US Trombone Section medium fall	medium fall
11	US Trombone Section Split	velo. 116-127 fall
12	US Trump. & Trombone Section	dynamic split
13	US Trump. & Trombone Section forte	forte
14	US Trump. & Trombone Section mz	mezzo
15	Flugelhorn Duo	
16	Tenorhorn Ensemble Vibrato	
17	Alphorn Duett	
18	Alphorn Trio	
19	Alphorn Ensemble	
127	Silence - no sound	

## Classic Brass

Bank MSB 14

Prg.		
06	Classic Horn Solo	
20	Horn Ensemble	velocity split
21	Horn Ensemble	piano only
22	Horn Ensemble	staccato
126	Horn Ensemble	Riff up
127	Silence - no sound	

## Saxophon

Bank MSB 15

Prg.			
00	Soprano Sax	dynamic split	
01	Soprano Sax softer	softer zones	
02	Soprano Sax harder	harder zones	
03	Soprano Sax and noise	breath noise	
04	Soprano Sax Slide	velo. 116-127 Slide	
05	Soprano Sax II more Vibrato		
06	Alto Sax	dynamic split	
07	Alto Sax softer	softer zones	
08	Alto Sax harder	harder zones	
09	Alto Sax breath	breath noise	
10	Alto Sax Slide	velo. 116-127 Slide	
11	Tenor Sax	dynamic split	
12	Tenor Sax softer	softer zones	
13	Tenor Sax harder	harder zones	
14	Tenor Sax breath	breath noise	
15	Tenor Sax Slide	velo. 116-127 Slide	
16	Max Jazz Tenor	velo. split 116	Random Key & breath noise
17	Max Jazz Tenor	velo. split 64	Random Key & breath noise
18	Max Jazz Tenor soft	soft only	Random Key & breath noise
19	Max Jazz Tenor	velo. split 96	
20	Max Jazz Tenor Vibrato less delay	velo. split 96	
21	Max Jazz Tenor soft	soft only	breath noise
22	Max Jazz Tenor Slide	velo. 116-127 Slide	Random Key & breath noise
23	Max Jazz Tenor Slide soft	velo. 116-127 Slide	Random Key & breath noise
24	Tenor Sax Funky		
25	Tenor Sax Funky growl		
26	Tenor Sax Funky Split	velo. split 116	
27	Baritone Sax		
28	Sax Section 1		
29	Sax Section 2		
126	Sax Breath Noise only		
127	Silence - no sound		

## Winds

Bank MSB 16

Prg.			
0	Clarinet		
1	Clarinet soft		
2	Clarinet Slide	velocity zone 116-127 Slide	
3	Hugo Clarinet - no loop		
4	Hugo Clarinet Slide	velocity zone 116-127 Slide	
5	Clarinet Vito Tradition	2 zone velocity Repetition	
6	Clarinet Vito Tradition	4 zone velocity	
7	Clarinet Vito Tradition soft	soft velocity 1-97	
8	Clarinet Vito Tradition	staccato 2 zone velocity Repetition	
9	Clarinet Vito Tradition	staccato 4 zone velocity	
10	Piccolo		
11	Flute		
12	Flute EQ		
13	Flute High Pass Filter		
14	Low Whistle		
15	Panflute		
16	Shakuhachi		
17	Celtic High Whistle		
18	Celtic High Whistle Grace note AV	Auto Grace note	
19	C. High Wh. Slide	velocity zone 116-127 Slide	
20	Bottle		
21	Bottle Q		
22	Bottle LFO		
23	Whistle		
24	Okarina		
25	Highland Pipers & Drone Ensemble	split note 60 - c1	
26	Ullian Piper & Drone		
27	Ullian Piper & Drone Grace note AV	Auto Grace note	
28	Ullian Piper & Dr. Slide	velocity zone 116-127 Slide	
29	Ullian Drone & Chords		
30	Border Pipe		
31	Border Pipe AV	Auto Grace note	
32	Border Pipe Slide	velocity zone 116-127 Slide	
33	Border Pipe Drone		
127	Silence	no sound	



## Classic Winds

Bank MSB 17

Prg.		
0	Classic Flute	
1	Classic Flute	just piano
2	Classic Flute	staccato
3	Oboe	
4	Oboe	just piano
5	Oboe	staccato
6	English horn	
7	English horn	just piano
8	English horn	staccato
9	Classic Clarinet	
10	Classic Clarinet	just piano
11	Classic Clarinet	staccato
12	Bassoon	
17	Flute Ensemble	
18	Clarinet Ensemble	
127	Silence - no sound	no sound

## Choir

Bank MSB 18

Prg.		
00	Classic Choir Aah	
01	Classic Choir Aah	Filter
02	Classic Choir Ooh	
03	Classic Choir Ooh	Filter
04	Choir Pop Ooh	
05	Choir Pop Ooh	Filter
06	Synth Voice	
07	Classic Voice	
08	Boys Aah	
09	Boys Bap	
10	Boys Daa	
11	Boys Doo Bass	
12	Boys Doo	
13	Boys Falsetto Ooh	
14	Boys Hmm	
15	Boys Laa	
16	Boys Mix Ooh	
17	Boys Ooh	
18	Girls Aah	
19	Girls Doo	
20	Girls Ooh	
21	Voiceless	
126	Voice Kit	mapping like Drum Kit 58
127	Silence - no sound	

## Bass

Bank MSB 19

Prg.		
00	E-Bass 1	
01	E-Bass 1 & Note-off	
02	E-Bass 1 Slide	velocity zone 116-127 Slide
03	E-Bass 2	
04	E-Bass 2 & Note-off	
05	E-Bass 3	
06	E-Bass 3 Slide	velocity zone 116-127 Slide
07	E-Bass 4	
08	E-Bass 5 Picking 1	
09	E-Bass 5 Picking 1 & Note-off	
10	E-Bass 6 Picking 2	
11	E-Bass 6 Picking 2 & Note-off	
12	E-Bass 7	
13	E-Bass 7	Repetition
14	E-Bass 7 & Note-off	Repetition
15	E-Bass Fretless	
16	E-Bass Slap 1	
17	E-Bass Slap 1 & Note-off	
18	E-Bass Slap 2	
19	E-Bass Slap 2 & Note-off	
20	Upright Jazz Bass	Random
21	Upright Jazz Bass & Note-off	Random
22	Upright Jazz Bass	velocity split at 96 & 105
23	Upright Jazz Bass & Note-off	velocity split at 96 & 105
24	Upright Jazz Bass	velocity split 120
25	Upright Jazz Bass & Note-off	velocity split 120
26	Upright Jazz Bass	no finger Attack
27	Upright Bass	finger Attack
28	Upright Bass	more finger Attack
29	Upright Bass	no finger Attack
30	Upright Bass DI	
31	Upright Bass DI	no finger Attack
32	Upright Bass DI long Release	
33	Upright Bass DI long Release	no finger Attack
34	Bowed Upright Bass	
35	Bowed Upright Bass	shorter Release
127	Silence	no sound

## Synthesizer

Bank MSB 20

Prg.	
0	Bells & Pad
1	Digital Pad
2	OBX & Wavebell
3	DX1 Toy
4	Star Theme
5	Brightness
6	OB & Noise
7	Atmos
8	Brass Comp
9	Brass Rex
10	Polysynth Classic
11	Halo Pad
12	Caliope
13	Charang
14	Fairly Space
15	Echo Drop
16	VF Vox
17	Bass & Lead
18	Fantasia
19	Bowed Glass
20	Soft Pad
21	Ice Rain
22	Goblin
23	SoundTrack
24	Atmosguitar
25	Bottle soft
26	Polysynth Classic 5th
27	SquareLead
28	P5Brass
29	Saw

Prg.	
30	SawEnv
31	C-Lead
32	SoloVox
33	MetalPad
34	JunoSweep
35	Vangbrass
36	Crystal
37	FM8
38	Mo55
39	DXBell
40	OBS1
41	OBSOft
42	Hook
43	FMPluk
44	FMBrazz
45	Ice
46	BoHook
47	VPhrase
48	VP1
49	Grace
50	Noise
51	Digirace
52	Shinner
53	Pad-A
54	Vibro
55	Digisi
56	Alex
57	VZBell
58	VZ1
59	Mizoo

## Synthesizer & Bass

Bank MSB 20

Prg.	
60	Bellko
61	Bellz
62	AnalogOB
63	M3Osc
64	M12Brass
65	M12Brass ENV
66	OBLead
67	OBArp
68	OBell
69	OBrass
70	Mach1
71	Brazza
72	Brasso
73	T8SuperBrass
74	T8SuperBrass ENV
75	Dells
76	Pulse
77	Pulso
78	PWD24
79	Xypho
80	Charpo
81	Jippo
82	JXArp
83	Bamarimba
84	JCO10
85	JXBell
86	StabBrass
87	Clouds
88	BellHit HP Filter
89	OBNoise
90	Noise down
91	Voxo (Notch filter 12)
92	APad Notch (Notch filter 12)

Prg.	
116	Classic Synth Bass
117	Classic Synth Bass Rezo
118	JBass 1
119	JBass 2
120	JBass 3
121	JBass soft
122	CS Classic Bass
123	MoBass
124	MoBass ENV
125	XBass 1
126	XBass 2
127	Silence - no sound

## FX & Percussion

Bank MSB 21

Prg.		
00	Orchestra Hit Major	
01	Orchestra Hit Minor	
62	Synth FX down	
63	Synth FX up	
64	Drum Kit	Map Drum Kit 0
65	Percussion Kit	Map Drum Kit 56
66	Classic Percussion	Map Drum Kit 48
67	Drumkit Accordion Map 67	control with cc56 layered Snare stroke & cc57 Cymbals
68	Drumkit Accordion Map 67	control with cc56 layered Snare stroke
127	Silence - no sound	

# Marimba

Bank MSB 46

Prg.		
0	Marimba stereo	Curve hard vel. 96 - hard layer vol -3db
1	Marimba stereo	Curve hard vel. 96 - hard layer vol -5db
2	Marimba stereo	Curve hard vel. 96 - hard layer vol -7db
3	Marimba stereo	Curve medium vel. 61 - hard layer vol -3db
4	Marimba stereo	Curve medium vel. 61 - hard layer vol -5db
5	Marimba stereo	Curve medium vel. 61 - hard layer vol -7db
6	Marimba stereo	soft layer only
7	Marimba stereo	soft layer only - filter dynamic
8	Marimba stereo Tremolo 2.9	Curve hard vel. 96 - hard layer vol -7db
9	Marimba stereo Tremolo 3.9	Curve hard vel. 96 - hard layer vol -7db
10	Marimba stereo Tremolo 4.9	Curve hard vel. 96 - hard layer vol -7db
11	Marimba stereo Tremolo 5.9	Curve hard vel. 96 - hard layer vol -7db
12	Marimba stereo Tremolo 2.9	Curve medium vel. 61 - hard layer vol -2db
13	Marimba stereo Tremolo 3.9	Curve medium vel. 61 - hard layer vol -2db
14	Marimba stereo Tremolo 4.9	Curve medium vel. 61 - hard layer vol -2db
15	Marimba stereo Tremolo 5.9	Curve medium vel. 61 - hard layer vol -2db
16	Marimba stereo Tremolo 2.9	soft layer only
17	Marimba stereo Tremolo 3.9	soft layer only
18	Marimba stereo Tremolo 4.9	soft layer only
19	Marimba stereo Tremolo 5.9	soft layer only
20	Marimba stereo dynamic detune	Curve hard vel. 96 - hard layer vol -3db
21	Marimba stereo dynamic detune	Curve hard vel. 96 - hard layer vol -7db
22	Marimba stereo dynamic detune	Curve hard vel. 61 - hard layer vol -3db
23	Marimba stereo dynamic detune	Curve hard vel. 61 - hard layer vol -7db
24	Marimba stereo detune	Curve hard vel. 96 - hard layer vol -3db
25	Marimba stereo detune	Curve hard vel. 61 - hard layer vol -7db
26	Marimba stereo dynamic LFO	Curve hard vel. 96 - hard layer vol -3db
27	Marimba stereo dynamic LFO	Curve hard vel. 96 - hard layer vol -7db
28	Marimba stereo dynamic LFO	Curve hard vel. 61 - hard layer vol -3db
29	Marimba stereo dynamic LFO	Curve hard vel. 61 - hard layer vol -7db
30	Marimba stereo dynamic LFO	soft layer only
31	Marimba stereo	one sample only A
32	Marimba stereo	one sample only B
127	Silence - no sound	no sound

# Vibraphone 1 stereo

Bank MSB 47

Prg.		
0	Vibraphone 1 stereo	Curve soft vel. 30 - hard layer vol -3db
1	Vibraphone 1 stereo	Curve soft vel. 30 - hard layer vol -7db
2	Vibraphone 1 stereo	Curve medium vel. 70 - hard layer vol -3db
3	Vibraphone 1 stereo	Curve medium vel. 70 - hard layer vol -7db
4	Vibraphone 1 stereo	Curve hard vel. 96 - hard layer vol -3db
5	Vibraphone 1 stereo	Curve hard vel. 96 - hard layer vol -7db
6	Vibraphone 1 stereo Tremolo 2.9 (30)	Curve soft vel. 30 - hard layer vol -3db
7	Vibraphone 1 stereo Tremolo 3.9	Curve soft vel. 30 - hard layer vol -3db
8	Vibraphone 1 stereo Tremolo 4.9	Curve soft vel. 30 - hard layer vol -3db
9	Vibraphone 1 stereo Tremolo 5.9	Curve soft vel. 30 - hard layer vol -3db
10	Vibraphone 1 stereo Tremolo 2.9	Curve soft vel. 30 - hard layer vol -7db
11	Vibraphone 1 stereo Tremolo 3.9	Curve soft vel. 30 - hard layer vol -7db
12	Vibraphone 1 stereo Tremolo 4.9	Curve soft vel. 30 - hard layer vol -7db
13	Vibraphone 1 stereo Tremolo 5.9	Curve soft vel. 30 - hard layer vol -7db
14	Vibraphone 1 stereo Tremolo 2.9 (70)	Curve soft vel. 70 - hard layer vol -3db
15	Vibraphone 1 stereo Tremolo 3.9	Curve soft vel. 70 - hard layer vol -3db
16	Vibraphone 1 stereo Tremolo 4.9	Curve soft vel. 70 - hard layer vol -3db
17	Vibraphone 1 stereo Tremolo 5.9	Curve soft vel. 70 - hard layer vol -3db
18	Vibraphone 1 stereo Tremolo 2.9	Curve soft vel. 70 - hard layer vol -7db
19	Vibraphone 1 stereo Tremolo 3.9	Curve soft vel. 70 - hard layer vol -7db
20	Vibraphone 1 stereo Tremolo 4.9	Curve soft vel. 70 - hard layer vol -7db
21	Vibraphone 1 stereo Tremolo 5.9	Curve soft vel. 70 - hard layer vol -7db
22	Vibraphone 1 stereo Tremolo 2.9 (96)	Curve soft vel. 96 - hard layer vol -3db
23	Vibraphone 1 stereo Tremolo 3.9	Curve soft vel. 96 - hard layer vol -3db
24	Vibraphone 1 stereo Tremolo 4.9	Curve soft vel. 96 - hard layer vol -3db
25	Vibraphone 1 stereo Tremolo 5.9	Curve soft vel. 96 - hard layer vol -3db
26	Vibraphone 1 stereo Tremolo 2.9	Curve soft vel. 96 - hard layer vol -7db
27	Vibraphone 1 stereo Tremolo 3.9	Curve soft vel. 96 - hard layer vol -7db
28	Vibraphone 1 stereo Tremolo 4.9	Curve soft vel. 96 - hard layer vol -7db
29	Vibraphone 1 stereo Tremolo 5.9	Curve soft vel. 96 - hard layer vol -7db
30	Vibraphone 1 stereo	layer only soft
31	Vibraphone 1 stereo Tremolo 2.9	layer only soft
32	Vibraphone 1 stereo Tremolo 3.9	layer only soft
33	Vibraphone 1 stereo Tremolo 4.9	layer only soft
34	Vibraphone 1 stereo Tremolo 5.9	layer only soft

## Vibraphone 1 stereo

Bank MSB 47

Prg.		
35	Vibraphone 1 stereo - go up	Curve soft vel. 30 - hard layer vol -3db
36	Vibraphone 1 stereo - go up	Curve soft vel. 93 - hard layer vol -3db
37	Vibraphone 1 stereo - only as layer	Curve soft vel. 30 - hard layer vol -3db
38	Vibraphone 1 stereo - only as layer	Curve soft vel. 70 - hard layer vol -3db
39	Vibraphone 1 stereo - only as layer	Curve soft vel. 90 - hard layer vol -3db
127	Silence - no sound	

## Vibraphone 2

Bank MSB 48

Prg.		
0	Vibraphone 2	Curve soft vel. 30 - hard layer vol -10db
1	Vibraphone 2	Curve soft vel. 30 - hard layer vol -7db
2	Vibraphone 2	Curve soft vel. 56 - hard layer vol -10db
3	Vibraphone 2	Curve soft vel. 56 - hard layer vol -7db
4	Vibraphone 2	Curve soft vel. 72 - hard layer vol -10db
5	Vibraphone 2	Curve soft vel. 72 - hard layer vol -7db
6	Vibraphone 2	Curve soft vel. 96 - hard layer vol -10db
7	Vibraphone 2	Curve soft vel. 96 - hard layer vol -7db
8	Vibraphone 2	Curve soft vel. 114 - hard layer vol -7db
9	Vibraphone 2	soft layer only

## Vibraphone 2

Bank MSB 48

Prg.		
10	Vibraphone 2 Tremolo 2.9	Curve soft vel. 30 - hard layer vol -10db
11	Vibraphone 2 Tremolo 3.9	Curve soft vel. 30 - hard layer vol -10db
12	Vibraphone 2 Tremolo 4.9	Curve soft vel. 30 - hard layer vol -10db
13	Vibraphone 2 Tremolo 5.9	Curve soft vel. 30 - hard layer vol -10db
14	Vibraphone 2 Tremolo 2.9	Curve soft vel. 30 - hard layer vol -7db
15	Vibraphone 2 Tremolo 3.9	Curve soft vel. 30 - hard layer vol -7db
16	Vibraphone 2 Tremolo 4.9	Curve soft vel. 30 - hard layer vol -7db
17	Vibraphone 2 Tremolo 5.9	Curve soft vel. 30 - hard layer vol -7db
18	Vibraphone 2 Tremolo 2.9	Curve soft vel. 96 - hard layer vol -10db
19	Vibraphone 2 Tremolo 3.9	Curve soft vel. 96 - hard layer vol -10db
20	Vibraphone 2 Tremolo 4.9	Curve soft vel. 96 - hard layer vol -10db
21	Vibraphone 2 Tremolo 5.9	Curve soft vel. 96 - hard layer vol -10db
22	Vibraphone 2 Tremolo 2.9	Curve soft vel. 96 - hard layer vol -7db
23	Vibraphone 2 Tremolo 3.9	Curve soft vel. 96 - hard layer vol -7db
24	Vibraphone 2 Tremolo 4.9	Curve soft vel. 96 - hard layer vol -7db
25	Vibraphone 2 Tremolo 5.9	Curve soft vel. 96 - hard layer vol -7db
26	Vibraphone 2 Tremolo 2.9	soft layer only
27	Vibraphone 2 Tremolo 3.9	soft layer only
28	Vibraphone 2 Tremolo 4.9	soft layer only
29	Vibraphone 2 Tremolo 5.9	soft layer only
30	Vibraphone 2 go up	Curve soft vel. 30 - hard layer vol -10db
31	Vibraphone 2 go up	Curve soft vel. 96 - hard layer vol -7db
32	Vibraphone 2 Bend	Curve soft vel. 30 - hard layer vol -10db
33	Vibraphone 2 Bend	Curve soft vel. 96 - hard layer vol -7db
34	Vibraphone 2 - only as layer	Curve soft vel. 30 - hard layer vol -3db
35	Vibraphone 2 - only as layer	Curve soft vel. 70 - hard layer vol -3db
36	Vibraphone 2 - only as layer	Curve soft vel. 90 - hard layer vol -3db
127	Silence - no sound	

Prg.		
0	Vibraphon 3 MC	
1	Vibraphon 3 MC	softer dynamic layer freq
2	Vibraphon 3 MC	softer dynamic layer volume and freq.
3	Vibraphone 3 Tremolo 2.9	
4	Vibraphone 3 Tremolo 3.9	
5	Vibraphone 3 Tremolo 4.9	
6	Vibraphone 3 Tremolo 5.9	
7	Vibraphone 3 Tremolo 2.9	softer dynamic layer freq
8	Vibraphone 3 Tremolo 3.9	softer dynamic layer freq
9	Vibraphone 3 Tremolo 4.9	softer dynamic layer freq
10	Vibraphone 3 Tremolo 5.9	softer dynamic layer freq
11	Vibraphone 3 Tremolo 2.9	softer dynamic layer volume and freq.
12	Vibraphone 3 Tremolo 3.9	softer dynamic layer volume and freq.
13	Vibraphone 3 Tremolo 4.9	softer dynamic layer volume and freq.
14	Vibraphone 3 Tremolo 5.9	softer dynamic layer volume and freq.
15	Vibraphone 3	bowed
127	Silence - no sound	

## Mallets

Bank MSB 50

Prg.		
0	Xylophone	
1	Xylophone	filter curve
2	Xylophone	only as layer
3	Glockenspiel	Release 780
4	Glockenspiel	Release 680
5	Glockenspiel	Release 570
6	Glockenspiel	Decay 590
7	Glockenspiel	only as layer
8	Glockenspiel	soft attack
9	Cortales	Decay 750
10	Cortales	Decay 580
11	Cortales	Decay 530
12	Cortales	Tremolo 4
13	Cortales	Tremolo 5
14	Cortales	only as layer
15	Timpani 1	
16	Timpani 2	4 layer
17	Timpani 2	3 layer
18	Timpani 2	2 layer
19	Timpani 2	only forte
20	MC Timpani 3	4 layer - sp. 32/64 /116 stereo pan
21	MC Timpani 3	4 layer - sp. 32/64/96 stereo pan
22	MC Timpani 3	4 layer - sp. 32/64/116
23	MC Timpani 3	4 layer - sp. 32/64/96
24	MC Timpani 3	3 layer - sp. 32/95
25	MC Timpani 3	3 layer - sp. 48/84
26	MC Timpani 3	2 layer - sp. 95
27	MC Timpani 3 (low velo. up)	4 layer - sp. 32/64 /116 stereo pan
28	MC Timpani 3 (low velo. up)	4 layer - sp. 32/64/96 stereo pan
29	MC Timpani 3 (low velo. up)	4 layer - sp. 32/64/116
30	MC Timpani 3 (low velo. up)	4 layer - sp. 32/64/96
31	MC Timpani 3 (low velo. up)	3 layer - sp. 32/95
32	MC Timpani 3 (low velo. up)	3 layer - sp. 48/84
33	MC Timpani 3 (low velo. up)	2 layer - sp. 95

## Mallets

Bank MSB 50

Prg.		
34	MC Chimes	long release
35	MC Chimes	medium release
36	MC Chimes	short release
37	MC Chimes Round Robin	long release
38	MC Chimes Round Robin	medium release
39	MC Chimes Round Robin	short release
40	MC Chimes	LFO slow
41	Celesta	
42	Celesta	short release
43	Celesta	LFO 2.9
44	Celesta	LFO 3.9
45	Celesta	LFO 4.9
46	Celesta	High Pass Filter
47	Steel Drum	
48	Steel Drum	only as layer to use
49	Steel Drum Mix 1	
50	Steel Drum Mix 2	
51	Steel Drum Mix delay	only for experiment
100	MC Orchestra Percussion	Map page
127	Silence	no sound

## Synth-Mallets

Bank MSB 51

Prg.		
00	FM Vibra	
01	FM Vibra	soft attack
02	FM Vibra	Tremolo 2.9
03	FM Vibra	Tremolo 3.9
04	FM Vibra	Tremolo 4.9
05	FM Vibra	Tremolo 5.9
06	Wooden Hit	Release 700
07	Wooden Hit	Decay 700
08	Wooden Hit	soft attack
09	X-Bell	Release 700
10	X-Bell	Decay 700
11	X-Bell	soft attack
12	FM-Tubula	Release 700
13	FM-Tubula	Decay 700
14	FM-Tubula	soft attack
15	FM-Steel	Release 700
16	FM-Steel	Decay 700
17	FM-Steel	soft attack
18	SynPan	Release 700
19	SynPan	Decay 700
20	SynPan	soft attack
21	Hard Mallet Syn	
22	Synth Tackl	
23	Synth Tackl	soft attack
24	Reso noise	stereo
25	Reso noise	mono
26	Reso C note	only C
127	Silence	no sound

## Drum Kit (Channel 10)

ACOUSTIC STANDARD	
0	Standard
1	Pop 1
2	Pop 2
3	Hit
4	Vintage
5	Rock
6	Latin
7	Tradition Buzzer Snare
ROOM & OVERHEAD	
8	Standard
9	Pop 1
10	Pop 2
11	Studio
12	Vintage
13	Rock
14	Hit 1
15	Hit 2
POWER KITS	
16	Rock 1
17	Rock 2
18	Rock 3
19	Rock 4
ELECTRONIC & DANCE	
24	Dance
25	Electric
26	808/909
27	808
28	606
29	Dance
30	Dance
31	House

ACOUSTIC JAZZ	
32	Light
33	Medium
34	Radio King
DRUM KITS - ACOUSTIC BRUSH	
40	Medium 1
41	Medium 2
DRUM KITS - ACOUSTIC BRUSH	
48	Classic Percussion
49	Concert Band
DRUM KITS - Specials	
56	Latin Percussion
58	Vocal Kit
DRUM KITS - layered	
67	Drumkit mit cc56 Snare Hit - cc57 Cym



### 2ND DRUM KIT

After power on the drum kits are only available on parts with active DRUM MODE. The default MIDI channel for this is MIDI channel 10. You can also set a second part to DRUM MODE with a System Exclusive command.



	Nr.	Prg. 0 Standard Kit	Prg. 1 Standard Kit	Prg. 2 Standard Kit	Prg. 3 Standard Kit	Prg. 4 Standard Kit	Prg. 5 Standard Kit	Prg. 6 Standard Kit	Prg. 7 Standard Kit		Nr.	Prg. 0 - 7	
G	7	Dance Kick	~	~	~	~	~	~	~		E	64	Conga low [Repetition]
	8	Dance Kick	~	~	~	~	~	~	~		F	65	Timbale high [Repetition]
A	9	Dance Kick	~	~	~	~	~	~	~			66	Timbale low [Repetition]
	10	Dance Kick	~	~	~	~	~	~	~		G	67	Agogo high [Repetition]
	11	Dance Kick	~	~	~	~	~	~	~			68	Agogo low [Repetition]
C	12	Dance Kick	~	~	~	~	~	~	~		A	69	Cabasa [Repetition]
	13	Surdo Mute	~	~	~	~	~	~	~			70	Maracas [Repetition]
D	14	Surdo Open	~	~	~	~	~	~	~			71	Whistle
	15	Hi Q	~	~	~	~	~	~	~		C	72	Whistle
E	16	Whipe Slap	~	~	~	~	~	~	~			73	Guiro short
F	17	Scratch	~	~	~	~	~	~	~		D	74	Guiro long
	18	Scratch	~	~	~	~	~	~	~			75	Claves
G	19	Finger Snap	~	~	~	~	~	~	~		E	76	Woodblock low
	20	Click Noise	~	~	~	~	~	~	~		F	77	Woodblock hi
A	21	Metronom Click	~	~	~	~	~	~	~			78	Cuica mute
	22	Metronom Bell	~	~	~	~	~	~	~		G	79	Cuica open
	23	Seq. Click	~	~	~	~	~	~	~			80	Triangle mute (5)
C	24	Seq. Click	~	~	~	~	~	~	~		A	81	Triangle open (5)
	25	Brush Tap	~	~	~	~	~	~	~			82	Shaker
D	26	Brush Swirl	~	~	~	~	~	~	~			83	Jingle Bell
	27	Brush Slap	~	~	~	~	~	~	~		C	84	Chimes
E	28	Brush Tap Swirl	~	~	~	~	~	~	~			85	Tamburin Hit 1
F	29	Snare Roll	~	~	~	~	~	~	~		D	86	Tamburin Hit 2
	30	Castagnet	~	~	~	~	~	~	~			87	Tamburin Hit 3
G	31	Snare soft LS Cravio.	Snare soft EZ GMS Piccolo	Snare soft EZ Roge.	Snare soft LS Bronze	Snare soft QA 5.5 Radio King	Snare soft LS SG	Snare soft CR	Snare soft QA Latin		E	88	Tamburin Hit 4
	32	Sticks	~	Sticks	~	~	~	~	~		F	89	E-Snare
A	33	Bass Drum LS Ludw.	Bass Drum EZGMS 2	Bass Drum EZ GMS	Bass Drum LS Studio	Bass Drum QA MAS	Bass Drum AD LL	Bass Drum Modern 1	Bass Drum QA Latin			90	E-Snare
	34	Snare Var. LS Cravio.	Snare Var. EZ GMS Piccolo	Snare Var. EZ Roge.	Snare Var. LS Bronze	Snare Var. QA 5.5 Radio King	Snare Var. LS SG	Snare Var. CR	Snare Var. QA Latin		G	91	E-Snare
	35	Bass Drum LS Ludw.	Bass Drum EZ GMS 2	Bass Drum EZ GMS	Bass Drum LS Studio	Bass Drum QA MAS	Bass Drum AD LL	Bass Drum Modern 2	Bass Drum QA Latin			92	E-Snare
C	36	Bass Drum LS Ludw.	Bass Drum EZ GMS 2	Bass Drum EZ GMS	Bass Drum LS Studio	Bass Drum QA MAS	Bass Drum AD LL	Bass Drum Modern 3	Bass Drum QA Latin		A	93	E-Snare
	37	Sidestick LS Cravio.	Sidestick EZB Piccolo	Sidestick EZ Roge.	Sidestick LS Bronze	Sidestick QA 5.5 Radio King	Sidestick LS SG	Sidestick CR	Sidestick QA Latin			94	E-Snare
D	38	Snare LS Cravio.	Snare EZB Piccolo	Snare EZ Roge	Snare LS Bronze	Snare QA 5.5 Radio King	Snare LS SG	Snare CR	Snare QA Latin			95	E-Snare
	39	Clap	~	~	~	~	~	~	~		C	96	E-Snare
E	40	Snare Rimshot LS Cravio.	Snare Rimshot EZB Piccolo	Snare Rimshot EZ Roge.	Snare Rimshot LS Bronze	Snare RS QA 5.5 Radio King	Snare Rimshot LS SG	Snare Rimshot CR	Snare Rimshot QA Latin			97	E-Snare
F	41	Tom Low Low EZ GMS	~	~	~	~	~	~	~		D	98	E-Snare
	42	HiHat closed (0)	~	~	~	~	~	~	~			99	E-Snare
G	43	Tom Low EZ GMS	~	~	~	~	~	~	~		E	100	E-Snare
	44	HiHat Pedal (0)	~	~	~	~	~	~	~		F	101	E-Snare
A	45	Tom Medium L. EZ GMS	~	~	~	~	~	~	~			102	E-Snare
	46	HiHat open (0)	~	~	~	~	~	~	~		G	103	E-Snare
	47	Tom Medium EZ GMS	~	~	~	~	~	~	~			104	E-Claps
C	48	Tom High EZ GMS	~	~	~	~	~	~	~		A	105	E-Claps
	49	Crash Cymbal 1	~	~	~	~	~	~	~			106	E-Claps
D	50	Tom High High EZ GMS	~	~	~	~	~	~	~			107	E-Claps
	51	Ride Cymbal 1 [Repetition]	~	~	~	~	~	~	~		C	108	E-Claps
E	52	China Cymbal	~	~	~	~	~	~	~			109	Claps Hit 1
F	53	Ride Cup	~	~	~	~	~	~	~		D	110	Claps Hit 2
	54	Tambourin [Repetition]	~	~	~	~	~	~	~			111	Claps Hit 3
G	55	Splash Cymbal	~	~	~	~	~	~	~		E	112	Claps Hit 4
	56	Cowbell	~	~	~	~	~	~	~		F	113	Stomp 1
A	57	Crash Cymbal 2	~	~	~	~	~	~	~			114	Stomp 2
	58	Vibraslap	~	~	~	~	~	~	~		G	115	Stomp 3
	59	Ride Cymbal 2 [Repetition]	~	~	~	~	~	~	~			116	Reverse Stomp
C	60	Bongo high [Repetition]	~	~	~	~	~	~	~		A	117	Reverse Snare
	61	Bongo low [Repetition]	~	~	~	~	~	~	~			118	Reverse Clap
D	62	Conga mute [Repetition]	~	~	~	~	~	~	~			119	Reverse BD
	63	Conga open [Repetition]	~	~	~	~	~	~	~		C	120	HiHat Open 1/2
												121	Cym. Crash NL
											D	122	Cym. Ride NL
												123	Cym. Cup NL
											E	124	Cym. Splash NL
												125	Reverse Cym.

	Nr.	Prg. 8 Overhead Kit	Prg. 9 Overhead Kit	Prg. 10 Overhead Kit	Prg. 11 Overhead Kit	Prg. 12 Overhead Kit	Prg. 13 Overhead Kit	Prg. 14 Overhead Kit	Prg. 15 Overhead Kit		Nr.	Prg. 8 - 15
G	7	Dance Kick	~	~	~	~	~	~	~	E	64	Conga low [Repetition]
	8	Dance Kick	~	~	~	~	~	~	~	F	65	Timbale high [Repetition]
A	9	Dance Kick	~	~	~	~	~	~	~		66	Timbale low [Repetition]
	10	Dance Kick	~	~	~	~	~	~	~	G	67	Agogo high [Repetition]
	11	Dance Kick	~	~	~	~	~	~	~		68	Agogo low [Repetition]
C	12	Dance Kick	~	~	~	~	~	~	~	A	69	Cabasa [Repetition]
	13	Surdo Mute	~	~	~	~	~	~	~		70	Maracas [Repetition]
D	14	Surdo Open	~	~	~	~	~	~	~		71	Whistle
	15	Hi Q	~	~	~	~	~	~	~	C	72	Whistle
E	16	Whipe Slap	~	~	~	~	~	~	~		73	Guiro short
F	17	Scratch	~	~	~	~	~	~	~	D	74	Guiro long
	18	Scratch	~	~	~	~	~	~	~		75	Claves
G	19	Finger Snap	~	~	~	~	~	~	~	E	76	Woodblock low
	20	Click Noise	~	~	~	~	~	~	~	F	77	Woodblock hi
A	21	Metronom Click	~	~	~	~	~	~	~		78	Cuica mute
	22	Metronom Bell	~	~	~	~	~	~	~	G	79	Cuica open
	23	Seq. Click	~	~	~	~	~	~	~		80	Triangle mute (5)
C	24	Seq. Click	~	~	~	~	~	~	~	A	81	Triangle open (5)
	25	Brush Tap	~	~	~	~	~	~	~		82	Shaker
D	26	Brush Swirl	~	~	~	~	~	~	~		83	Jingle Bell
	27	Brush Slap	~	~	~	~	~	~	~	C	84	Chimes
E	28	Brush Tap Swirl	~	~	~	~	~	~	~		85	Tamburin Hit 1
F	29	Snare Roll	~	~	~	~	~	~	~	D	86	Tamburin Hit 2
	30	Castagnet	~	~	~	~	~	~	~		87	Tamburin Hit 3
G	31	Snare soft QA 12x15 WFL	Snare soft QA 4x14SW	Snare soft QA 4x15 Ludw.	Snare soft QA 5x14 Leedy	Snare soft QA 5x14 Ludwig	Snare soft QA 6.5x14 Lud.	Snare soft QA Black Beauty	Snare soft QA 7x14 Radio K.	E	88	Tamburin Hit 4
	32	Sticks	~	~	~	~	~	~	~	F	89	E-Snare
A	33	Bass Drum EZ GMS	Bass Drum EZ GMS 2	Bass Drum LS Ludw.	Bass Drum AD LL	Bass Drum QA Latin	Bass Drum AD Tam.	Bass Drum LS IC	Bass Drum LS Studio		90	E-Snare
	34	Snare Var. QA 12x15 WFL	Snare Var. QA 4x14SW	Snare Var. QA 4x15 Ludw.	Snare Var. QA 5x14 Leedy	Snare Var. QA 5x14 Ludw.	Snare Var. QA 6.5x14 Lud.	Snare Var. QA Black Beauty	Snare Var. QA 7x14 Radio K.	G	91	E-Snare
	35	Bass Drum EZ GMS	Bass Drum EZ GMS 2	Bass Drum LS Ludw.	Bass Drum AD LL	Bass Drum QA Latin	Bass Drum AD Tam.	Bass Drum LS IC	Bass Drum LS Studio		92	E-Snare
C	36	Bass Drum EZ GMS	Bass Drum EZ GMS 2	Bass Drum LS Ludw.	Bass Drum AD LL	Bass Drum QA Latin	Bass Drum AD Tam.	Bass Drum LS IC	Bass Drum LS Studio	A	93	E-Snare
	37	Sidestick QA 12x15 WFL	Sidestick QA 4x14SW	Sidestick QA 4x15 Ludw.	Sidestick QA 5x14 Leedy	Sidestick QA 5x14 Ludw.	Sidestick QA 6.5x14 Lud.	Sidestick QA Black Beauty	Sidestick QA 7x14 Radio K.		94	E-Snare
D	38	Snare QA 12x15 WFL	Snare QA 4x14SW	Snare QA 4x15 Ludw.	Snare QA 5x14 Leedy	Snare QA 5x14 Ludw.	Snare QA 6.5x14 Lud.	Snare QA Black Beauty	Snare QA 7x14 Radio K.		95	E-Snare
	39	Clap	~	~	~	~	~	~	~	C	96	E-Snare
E	40	Snare RS QA 12x15 WFL	Snare Rimshot QA 4x14SW	Snare RS QA 4x15 Ludw.	Snare RS QA 5x14 Leedy	Snare RS QA 5x14 Ludw.	Snare RS QA 6.5x14 Lud.	Snare RS QA Black Beauty	Snare RS QA 7x14 Radio K.		97	E-Snare
F	41	Tom Low EZ GMS Overhead	~	~	~	~	~	~	~	D	98	E-Snare
	42	HiHat closed (0)	~	~	~	~	~	~	~		99	E-Snare
G	43	Tom Low EZ GMS Overhead	~	~	~	~	~	~	~	E	100	E-Snare
	44	HiHat Pedal (0)	~	~	~	~	~	~	~	F	101	E-Snare
A	45	Tom M. L. EZ GMS Overhead	~	~	~	~	~	~	~		102	E-Snare
	46	HiHat open (0)	~	~	~	~	~	~	~	G	103	E-Snare
	47	Tom M. EZ GMS Overhead	~	~	~	~	~	~	~		104	E-Claps
C	48	Tom High EZ GMS Overhead	~	~	~	~	~	~	~	A	105	E-Claps
	49	Crash Cymbal 1	~	~	~	~	~	~	~		106	E-Claps
D	50	Tom High High EZ GMS Ov.	~	~	~	~	~	~	~		107	E-Claps
	51	Ride Cymbal 1 [Repetition]	~	~	~	~	~	~	~	C	108	E-Claps
E	52	China Cymbal	~	~	~	~	~	~	~		109	Claps Hit 1
F	53	Ride Cup	~	~	~	~	~	~	~	D	110	Claps Hit 2
	54	Tambourin [Repetition]	~	~	~	~	~	~	~		111	Claps Hit 3
G	55	Splash Cymbal	~	~	~	~	~	~	~	E	112	Claps Hit 4
	56	Cowbell	~	~	~	~	~	~	~	F	113	Stomp 1
A	57	Crash Cymbal 2	~	~	~	~	~	~	~		114	Stomp 2
	58	Vibraslap	~	~	~	~	~	~	~	G	115	Stomp 3
	59	Ride Cymbal 2 [Repetition]	~	~	~	~	~	~	~		116	Reverse Stomp
C	60	Bongo high [Repetition]	~	~	~	~	~	~	~	A	117	Reverse Snare
	61	Bongo low [Repetition]	~	~	~	~	~	~	~		118	Reverse Clap
D	62	Conga mute [Repetition]	~	~	~	~	~	~	~		119	Reverse BD
	63	Conga open [Repetition]	~	~	~	~	~	~	~	C	120	HiHat Open 1/2
											121	Cym. Crash NL
										D	122	Cym. Ride NL
											123	Cym. Cup NL
										E	124	Cym. Splash NL
											125	Reverse Cym.

	Nr.	Prg. 16 Power Kit	Prg. 17 Power Kit	Prg. 18 Power Kit	Prg. 19 Power Kit
G	7	Dance Kick	~	~	~
	8	Dance Kick	~	~	~
A	9	Dance Kick	~	~	~
	10	Dance Kick	~	~	~
	11	Dance Kick	~	~	~
C	12	Dance Kick	~	~	~
	13	Surdo Mute	~	~	~
D	14	Surdo Open	~	~	~
	15	Hi Q	~	~	~
E	16	Whipe Slap	~	~	~
F	17	Scratch	~	~	~
	18	Scratch	~	~	~
G	19	Finger Snap	~	~	~
	20	Click Noise	~	~	~
A	21	Metronom Click	~	~	~
	22	Metronom Bell	~	~	~
	23	Seq. Click	~	~	~
C	24	Seq. Click	~	~	~
	25	Brush Tap	~	~	~
D	26	Brush Swirl	~	~	~
	27	Brush Slap	~	~	~
E	28	Brush Tap Swirl	~	~	~
F	29	Snare Roll	~	~	~
	30	Castagnet	~	~	~
G	31	Snare soft AD Sono	Snare soft LS Ludw.	Snare soft QA Gadd Power	Snare soft QA Gadd Power
	32	Sticks	~	~	~
A	33	Bass Drum AD Tama	Bass Drum QA Gadd	Bass Drum LS Ludwig	Bass Drum AD LL
	34	Snare Var. AD Sonor	Snare Var. LS Ludw.	Snare Var. QA Gadd Power	Snare Var. QA Gadd Power
	35	Bass Drum AD Tama	Bass Drum QA Gadd	Bass Drum LS Ludwig	Bass Drum AD LL
C	36	Bass Drum AD Tama	Bass Drum QA Gadd	Bass Drum LS Ludwig	Bass Drum AD LL
	37	Sidestick AD Sono	Sidestick LS Ludw.	Sidestick QA Gadd Power	Sidestick QA Gadd Power
D	38	Snare AD Sono	Snare LS Ludw.	Snare QA Gadd Power	Snare QA Gadd Power
	39	Clap	~	~	~
E	40	Snare Rimshot AD Sono	Snare Rimshot LS Ludw.	Snare RS QA Gadd Power	Snare RS QA Gadd Power
F	41	Tom Low SG	~	~	~
	42	HiHat closed (0)	~	~	~
G	43	Tom Low SG	~	~	~
	44	HiHat Pedal (0)	~	~	~
A	45	Tom M. L. SG	~	~	~
	46	HiHat open (0)	~	~	~
	47	Tom M. SG	~	~	~
C	48	Tom High SG	~	~	~
	49	Crash Cymbal 1	~	~	~
D	50	Tom High High SG	~	~	~
	51	Ride Cymbal 1 [Repetition]	~	~	~
E	52	China Cymbal	~	~	~
F	53	Ride Cup	~	~	~
	54	Tambourin [Repetition]	~	~	~
G	55	Splash Cymbal	~	~	~
	56	Cowbell Rock	Cowbell Rock	Cowbell Rock	Cowbell Rock
A	57	Crash Cymbal 2	~	~	~
	58	Vibraslap	~	~	~
	59	Ride Cymbal 2 [Repetition]	~	~	~
C	60	Bongo high [Repetition]	~	~	~
	61	Bongo low [Repetition]	~	~	~
D	62	Conga mute [Repetition]	~	~	~
	63	Conga open [Repetition]	~	~	~

	Nr.	Prg. 16 - 19
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guiro short
D	74	Guiro long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute (5)
A	81	Triangle open (5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

	Nr.	Prg. 24 Dance Kit	Prg. 25 Electro Kit	Prg. 26 808/909 Kit	Prg. 27 909 Kit	Prg. 28 Analog Kit	Prg. 29 Dance Kit	Prg. 30 Dance Kit	Prg. 31 House Kit		Nr.	Prg. 24 - 31
G	7	E-Kick	~	~	~	~	~	~	~	E	64	E-Conga low
	8	E-Kick	~	~	~	~	~	~	~	F	65	E-Timbale high
A	9	E-Kick	~	~	~	~	~	~	~		66	E-Timbale low
	10	E-Kick	~	~	~	~	~	~	~	G	67	E-Agogo high
	11	E-Kick	~	~	~	~	~	~	~		68	E-Agogo low
C	12	E-Kick	~	~	~	~	~	~	~	A	69	E-Cabasa
	13	E-Kick	~	~	~	~	~	~	~		70	E-Maracas
D	14	E-Kick	~	~	~	~	~	~	~		71	E-Whistle
	15	Hi Q	~	~	~	~	~	~	~	C	72	E-Whistle
E	16	Whipe Slap	~	~	~	~	~	~	~		73	E-Guiro short
F	17	Scratch	~	~	~	~	~	~	~	D	74	E-Guiro long
	18	Scratch	~	~	~	~	~	~	~		75	E-Claves
G	19	Finger Snap	~	~	~	~	~	~	~	E	76	E-Woodblock low
	20	Click Noise	~	~	~	~	~	~	~	F	77	E-Woodblock hi
A	21	Metronom Click	~	~	~	~	~	~	~		78	E-Cuica mute
	22	Metronom Bell	~	~	~	~	~	~	~	G	79	E-Cuica open
	23	Seq. Click	~	~	~	~	~	~	~		80	E-Triangle mute
C	24	Seq. Click	~	~	~	~	~	~	~	A	81	E-Triangle open
	25	E-Kick	~	~	~	~	~	~	~		82	E-Shaker
D	26	E-Kick	~	~	~	~	~	~	~		83	E-Jingle Bell
	27	E-Kick	~	~	~	~	~	~	~	C	84	E-Chimes
E	28	E-Kick	~	~	~	~	~	~	~		85	Tamburin Hit 1
F	29	E-Kick	~	~	~	~	~	~	~	D	86	Tamburin Hit 2
	30	E-Kick	~	~	~	~	~	~	~		87	Tamburin Hit 3
G	31	Elec Snare	~	~	~	~	~	~	~	E	88	Tamburin Hit 4
	32	E-Kick	~	~	~	~	~	~	~	F	89	E-Snare
A	33	E-Kick	~	~	~	~	~	~	~		90	E-Snare
	34	Elec Snare	~	~	~	~	~	~	~	G	91	E-Snare
	35	Dance BD	Elec BD	909 BD	909 BD	606 BD	Dance BD	Dance BD	Dance BD		92	E-Snare
C	36	Dance BD	Elec BD	808 BD	909 BD	80 BD	Dance BD	Dance BD	Dance BD	A	93	E-Snare
	37	Rim 808	Rim 808	808 Rim	909 Rim	606 Rim	909 Rim	909 Rim	909 Rim		94	E-Snare
D	38	Elec Snare 1	Elec Snare	808 Snare	909 Snare	808 Snare	Dance Snare	Dance Snare	Dance Snare		95	E-Snare
	39	Clap 808	Clap 808	Clap 808	Clap 808	Clap 80	Hit Clap	Hit Clap	Hit Clap	C	96	E-Snare
E	40	Elec Snare 2	Elec Snare 2	909 Snare	909 Snare	Snare 85	Dance Snare	Dance Snare	Dance Snare		97	E-Snare
F	41	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	808 Tom	909 Tom	909 Tom	909 Tom	D	98	E-Snare
	42	HH 909	HH elec	808 HHat cl.	909 HHat cl.	HHat cl. 85	909 HHat cl.	909 HHat cl.	909 HHat cl.		99	E-Snare
G	43	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	E	100	E-Snare
	44	HH 909	HH elec	808 HHat P.	909 HHat P.	HHat cl. 85	909 HHat e.	909 HHat e.	909 HHat e.	F	101	E-Snare
A	45	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	808 Tom	909 Tom	909 Tom	909 Tom		102	E-Snare
	46	HH 909	HH elec	808 HH. op.	909 HH. op.	HHat cl. 85	909 HH. op.	909 HH. op.	909 HH. op.	G	103	E-Snare
	47	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom		104	E-Claps
C	48	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom	808 Tom	909 Tom	909 Tom	909 Tom	A	105	E-Claps
	49	E-Crash 909	Crash 909	808 Cym	909 Cym	808 Cym	808 Cym	808 Cym	808 Cym		106	E-Claps
D	50	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	90 Tom	Tom 85	90 Tom	90 Tom	90 Tom		107	E-Claps
	51	E-Ride 909	~	~	~	~	~	~	~	C	108	E-Claps
E	52	E-China	~	~	~	~	~	~	~		109	E-Claps
F	53	E-Cup 66	~	~	~	~	~	~	~	D	110	E-Claps
	54	E-Tamb. 77	~	~	~	~	~	~	~		111	E-Claps
G	55	E-Splash Cymbal	~	~	~	~	~	~	~	E	112	E-Claps
	56	E-Cowbell	~	~	~	~	~	~	~	F	113	E-Claps
A	57	E-Crash Cymbal 2	~	~	~	~	~	~	~		114	E-Claps
	58	E-Vibraslap	~	~	~	~	~	~	~	G	115	E-Claps
	59	E-Ride Cymbal 2	~	~	~	~	~	~	~		116	E-Claps
C	60	E-Bongo high	~	~	~	~	~	~	~	A	117	E-Claps
	61	E-Bongo low	~	~	~	~	~	~	~		118	E-Claps
D	62	E-Conga mute	~	~	~	~	~	~	~		119	E-Claps
	63	E-Conga open	~	~	~	~	~	~	~	C	120	E-Claps
											121	Cym. Crash NL
										D	122	Cym. Ride NL
											123	Cym. Cup NL
										E	124	Cym. Splash NL
											125	Reverse Cym.

	Nr.	Prg. 32 Jazz Kit	Prg. 33 Jazz Kit	Prg. 34 Jazz Kit	Prg. 35 Jazz Kit
G	7	Dance Kick	~	~	~
	8	Dance Kick	~	~	~
A	9	Dance Kick	~	~	~
	10	Dance Kick	~	~	~
	11	Dance Kick	~	~	~
C	12	Dance Kick	~	~	~
	13	Surdo Mute	~	~	~
D	14	Surdo Open	~	~	~
	15	Hi Q	~	~	~
E	16	Whipe Slap	~	~	~
F	17	Scratch	~	~	~
	18	Scratch	~	~	~
G	19	Finger Snap	~	~	~
	20	Click Noise	~	~	~
A	21	Metronom Click	~	~	~
	22	Metronom Bell	~	~	~
	23	Seq. Click	~	~	~
C	24	Seq. Click	~	~	~
	25	Brush Tap	~	~	~
D	26	Brush Swirl	~	~	~
	27	Brush Slap	~	~	~
E	28	Brush Tap Swirl	~	~	~
F	29	Snare Roll	~	~	~
	30	Castagnet	~	~	~
G	31	Snare soft LS Ludw.	Snare soft Monti.	Snare soft QA Vintage	Snare soft 714 Slinger
	32	Sticks	~	~	~
A	33	Bass Drum AD Prem.	Bass Drum Yam.	Bass Drum LS Ludw.	Bass Drum GMS open
	34	Snare Var. LS Ludw.	Snare Var. Monti.	Snare Var. QA Vintage	Snare Var. 714 Slinger
	35	Bass Drum AD Prem.	Bass Drum Yam.	Bass Drum LS Ludw.	Bass Drum GMS open
C	36	Bass Drum AD Prem.	Bass Drum Yam.	Bass Drum LS Ludw.	Bass Drum GMS open
	37	Sidestick LS Ludw.	Sidestick Monti.	Sidestick QA Vintage	Sidestick 714 Slinger
D	38	Snare LS Ludw.	Snare Monti.	Snare QA Vintage	Snare 714 Slinger
	39	Clap	~	~	~
E	40	Snare Rimshot LS Ludw.	Snare Rimshot Monti.	Snare Rimshot QA Vintage	Snare Rimshot 714 Slinger
F	41	Tom Low Low Jazz	~	~	~
	42	HiHat closed (0)	~	~	~
G	43	Tom Low Jazz	~	~	~
	44	HiHat Pedal (0)	~	~	~
A	45	Tom Medium L. Jazz	~	~	~
	46	HiHat open (0)	~	~	~
	47	Tom Medium EZ Jazz	~	~	~
C	48	Tom High Jazz	~	~	~
	49	Crash Cymbal 1	~	~	~
D	50	Tom High High Jazz	~	~	~
	51	Ride Cymbal 1 [Repetition]	~	~	~
E	52	China Cymbal	~	~	~
F	53	Ride Cup	~	~	~
	54	Tambourin [Repetition]	~	~	~
G	55	Splash Cymbal	~	~	~
	56	Cowbell	~	~	~
A	57	Crash Cymbal 2	~	~	~
	58	Vibraslap	~	~	~
	59	Ride Cymbal 2 [Repetition]	~	~	~
C	60	Bongo high [Repetition]	~	~	~
	61	Bongo low [Repetition]	~	~	~
D	62	Conga mute [Repetition]	~	~	~
	63	Conga open [Repetition]	~	~	~

	Nr.	Prg. 40 Brush Kit	Prg. 41 Brush Kit
G	7	Snare Brush LS Monti.	Snare Brush LS Monti.
	8	Snare Brush LS Monti.	Snare Brush LS Monti.
A	9	Snare Brush LS Monti.	Snare Brush LS Monti.
	10	Snare Brush LS Monti.	Snare Brush LS Monti.
	11	Snare Brush LS Monti.	Snare Brush LS Monti.
C	12	Snare Brush LS Monti.	Snare Brush LS Monti.
	13	Surdo Mute	~
D	14	Surdo Open	~
	15	Hi Q	~
E	16	Whipe Slap	~
F	17	Scratch	~
	18	Scratch	~
G	19	Finger Snap	~
	20	Click Noise	~
A	21	Metronom Click	~
	22	Metronom Bell	~
	23	Seq. Click	~
C	24	Seq. Click	~
	25	Snare Brush LS Monti.	Snare Brush LS Monti.
D	26	Snare Brush LS Monti.	Snare Brush LS Monti.
	27	Snare Brush LS Monti.	Snare Brush LS Monti.
E	28	Snare Brush LS Monti.	Snare Brush LS Monti.
F	29	Snare Brush LS Monti.	Snare Brush LS Monti.
	30	Snare Brush LS Monti.	Snare Brush LS Monti.
G	31	Snare Brush LS Monti.	Snare Brush LS Monti.
	32	Sticks	~
A	33	Bass Drum AD Prem.	Bass Drum Yam.
	34	Snare Var. Brush LS Monti.	Snare Var. Brush LS Monti.
	35	Bass Drum AD Prem.	Bass Drum Yam.
C	36	Bass Drum AD Prem.	Bass Drum Yam.
	37	Sidestick Brush LS Monti.	Sidestick Brush LS Monti.
D	38	Snare Brush LS Monti.	Snare Brush LS Monti.
	39	Clap	~
E	40	Snare RS Brush LS Monti.	Snare RS Brush LS Monti.
F	41	Tom Low Low Brush	~
	42	HiHat closed (0)	~
G	43	Tom Low Brush	~
	44	HiHat Pedal (0)	~
A	45	Tom Medium Brush	~
	46	HiHat open (0)	~
	47	Tom Medium Brush	~
C	48	Tom High Brush	~
	49	Brush Crash Cymbal 1	~
D	50	Tom High High Brush	~
	51	Brush Ride Cymbal 1 [Repe.]	~
E	52	China Cymbal	~
F	53	Brush Ride Cup	~
	54	Tambourin [Repetition]	~
G	55	Splash Cymbal	~
	56	Cowbell	~
A	57	Brush Crash Cymbal 2	~
	58	Vibraslap	~
	59	Brush Ride Cymbal 2 [Repe.]	~
C	60	Bongo high [Repetition]	~
	61	Bongo low [Repetition]	~
D	62	Conga mute [Repetition]	~
	63	Conga open [Repetition]	~

	Nr.	Prg. 32-41
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guiro short
D	74	Guiro long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute(5)
A	81	Triangle open(5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

	Nr.	Prg. 48 Orchestra
G	7	-
	8	Gran Casa
A	9	Gran Casa
	10	Gran Casa
	11	Gran Casa
C	12	Gran Casa
	13	Gran Casa
D	14	Gran Casa
	15	Gran Casa
E	16	Gran Casa
F	17	Gran Casa
	18	GC. forte
G	19	GC. medium
	20	GC. piano
A	21	-
	22	-
	23	Gong
C	24	-
	25	-
D	26	-
	27	Closed HH
E	28	Pedal Ped.
F	29	Open HH.
	30	Ride Cymbal
G	31	Ride Cymbal
	32	-
A	33	-
	34	-
	35	Gran Casa
C	36	Gran Casa
	37	-
D	38	Concert Sn.
	39	Castanets
E	40	Concert Sn.
F	41	Timpani
	42	Timpani
G	43	Timpani
	44	Timpani
A	45	Timpani
	46	Timpani
	47	Timpani
C	48	Timpani
	49	Timpani
D	50	Timpani
	51	Timpani
E	52	Timpani
F	53	Timpani
	54	Tamburin
G	55	Concert Cy.
	56	Concert Cy.
A	57	Concert Cy.
	58	Concert Cy.
	59	Concert Cy.
C	60	Concert Cy.
	61	Concert Cy.
D	62	Concert Cy.
	63	Concert Cy.

	Nr.	
E	64	Concert Cy.
F	65	Concert Cy.
	66	Cymbal Roll
G	67	Castanet 1
	68	Castanet 2
A	69	Castanet Roll
	70	-
	71	-
C	72	Triangle op.
	73	Triangle mute
D	74	Triangle roll
	75	-
E	76	-
F	77	Wind. dwn.
	78	Wind. up
G	79	-
	80	-
A	81	Tambourin
	82	Tambourin
	83	Tambourin Roll
C	84	-
	85	-
D	86	-
	87	-
E	88	Applaus
F	89	C. Snare pp
	90	C. Snare p
G	91	C. Snare mp
	92	C. Snare mf
A	93	C. Snare f
	94	C. Snare ff
	95	C. Snare pp
C	96	C. Snare p
	97	C. Snare mp
D	98	C. Snare mf
	99	C. Snare f
E	100	C. Snare ff
F	101	Snare Roll p
	102	Snare Roll p
G	103	Snare Roll m
	104	Snare Roll m
A	105	Snare Roll f
	106	Snare Roll f
	107	Snare Ro.dyn
C	108	Snare Ro.dyn
	109	Snare Ro.dyn
D	110	Snare Ro.dyn
	111	Snare Ro.dyn
E	112	Snare Ro.dyn
F	113	Opera Gong
	114	Opera Gong
G	115	Opera Gong
	116	Opera Gong
A	117	Opera Gong
	118	Opera Gong
	119	Opera Gong
C	120	Opera Gong
	121	Opera Gong
D	122	Opera Gong
	123	Opera Gong
E	124	Intro Tune

	Nr.	Prg. 49 Concert Ba.
G	7	-
	8	-
A	9	-
	10	-
	11	-
C	12	-
	13	-
D	14	-
	15	-
E	16	-
F	17	-
	18	-
G	19	-
	20	Snare 3
A	21	Snare 4
	22	Snare 5
	23	Snare 6
C	24	Snare 7
	25	Snare 8
D	26	Snare 9
	27	Snare brush 1
E	28	Snare brush 2
F	29	Snare brush 3
	30	Bass drum
G	31	Bass drum
	32	Bass drum
A	33	Bass drum
	34	Bass drum
	35	Bass drum
C	36	Bass drum
	37	Rim
D	38	Snare 1 - velosp.
	39	Claps
E	40	Snare 2 - velosp.
F	41	Tom LL
	42	Hi hat closed
G	43	Tom L
	44	Hi hat pedal
A	45	Tom M
	46	Hi hat open
	47	Tom MH
C	48	Tom H
	49	Crash
D	50	Tom H
	51	Ride
E	52	Crash
F	53	Ride cup
	54	Tambourin
G	55	Splash
	56	Cowbell
A	57	Crash
	58	Vibraslap
	59	Ride
C	60	Timpani C
	61	Timpani Cis
D	62	Timpani D
	63	Timpani Es

	Nr.	
E	64	Timpani E
F	65	Timpani F
	66	Timpani Fis
G	67	Timpani G
	68	Timpani As
A	69	Timpani A
	70	Timpani Bb
	71	Timpani H
C	72	Timpani C
	73	Timpani Cis
D	74	Gran Casa
	75	Gran Casa
E	76	Gran Casa
F	77	Gran Casa
	78	Gran Casa
G	79	Gran Casa
	80	Gran Casa
A	81	Gran Casa open
	82	Gran Casa 2
	83	Gran Casa stop
C	84	Gran Casa 2
	85	Gran Casa & Cymbal
D	86	Gran Casa 3
	87	Gran Casa open
E	88	Concert Cy.
F	89	Concert Cy.
	90	Concert Cy.
G	91	Concert Cy. open
	92	Concert Cy. 1/2a
A	93	Concert Cy. 1/2b
	94	Concert Sn.
	95	Concert Sn.
C	96	Concert Sn. 1.
	97	Concert Sn. 2.
D	98	Concert Sn. 3.
	99	Concert Sn. 4.
E	100	Concert Sn. Rim 1.
F	101	Concert Sn. Rim 2.
	102	Concert Sn. Rim 3.
G	103	Concert Sn. Rim 4.
	104	Concert Sn. Rim
A	105	Concert Sn. Flam
	106	Concert Sn. Flam
	107	Concert Sn. Flam
C	108	Concert Sn. Roll 1
	109	Concert Sn. 2 Acc.
D	110	Concert Sn. soft
	111	Concert Sn. Roll 1
	112	Concert Sn. Roll 2 Acc.
	113	Concert Sn. Roll 3

	Nr.	Prg. 56 Latin Percus.
G	7	-
	8	-
A	9	-
	10	-
	11	-
C	12	-
	13	Cajon Low
D	14	Cajon Slap
	15	Cajon Tip
E	16	Claves High
F	17	Claves Low
	18	Claps
G	19	-
	20	Finger Snap
A	21	Castanet
	22	Conga High
	23	Conga High
C	24	Conga High
	25	Conga Mute
D	26	Conga Mute
	27	Conga Mute
E	28	Conga Mute
F	29	Conga Low
	30	Conga Low
G	31	Conga Low
	32	Conga Mute
A	33	Conga Mute
	34	Conga Mute
	35	Conga Mute
C	36	Bongo High
	37	Bongo High
D	38	Bongo High
	39	Bongo High Mute
E	40	Bongo High Mute
F	41	Bongo High Mute
	42	Bongo Low
G	43	Bongo Low
	44	Bongo Low
A	45	Bongo Low Mute
	46	Bongo Low Mute
	47	Bongo Low Mute
C	48	Timbale
	49	-
D	50	-
	51	-
E	52	-
F	53	-
	54	Timbale
G	55	-
	56	-
A	57	-
	58	-
	59	-
C	60	Cowbell
	61	Cowbell
D	62	Cowbell
	63	Cowbell

	Nr.	
E	64	Guiro
F	65	Guiro
	66	Guiro
G	67	Guiro
	68	Tambourine
A	69	Tambourine
	70	Tambourine
	71	Tambourine
C	72	Maracas
	73	Shaker
D	74	Cabasa
	75	Cuica
E	76	Cuica
F	77	Cowbell
	78	Cowbell
G	79	Shekere
	80	Shekere Tone
A	81	Triangle Mute
	82	Triangle
	83	-
C	84	-
	85	-
D	86	-
	87	-
E	88	-
F	89	-
	90	-
G	91	-
	92	-
A	93	-
	94	-
	95	-
C	96	-
	97	-
D	98	-
	99	-
E	100	-
F	101	-
	102	-
G	103	-
	104	-
A	105	-
	106	-
	107	-
C	108	-
	109	-
D	110	-
	111	-
E	112	-
F	113	-
	114	-
G	115	-
	116	-
A	117	-
	118	-
	119	-
C	120	-
	121	-
D	122	-
	123	-
E	124	-

	Nr.	Prg. 58 Voice Kit
G	7	-
	8	-
A	9	-
	10	-
	11	-
C	12	-
	13	-
D	14	-
	15	-
E	16	-
F	17	Breath 1
	18	Breath 2
G	19	Finger Snaps
	20	Male Count: 'One'
A	21	Male Count: 'Two'
	22	Male Count: 'Three'
	23	Male Count: 'Four'
C	24	Male Count: 'a'
	25	Female Count: 'One'
D	26	Female Count: 'Two'
	27	Female Count: 'Three'
E	28	Female Count: 'Four'
F	29	Female Count: 'a'
	30	Vocal Bass Drum 3
G	31	Vocal Snare 4
	32	Vocal Rim Shot
A	33	Vocal Bass Drum 2
	34	Vocal Snare 3
	35	Vocal Bass Drum 1
C	36	Vocal Bass Drum
	37	Vocal Cross Stick
D	38	Vocal Snare 1
	39	Vocal Clap
E	40	Vocal Snare 2
F	41	Vocal Floor Tom
	42	Vocal Closed Hi Hat
G	43	Vocal Low Tom
	44	Vocal Pedal Hi Hat
A	45	Vocal Mid Tom 2
	46	Vocal Open Hi Hat
	47	Vocal Mid Tom 1
C	48	Vocal Hi Tom 2
	49	Vocal Crash Cymbal
D	50	Vocal High Tom 1
	51	Vocal Ride Cymbal
E	52	Male Ad Lib 1
F	53	Male Ad Lib 2
	54	Male Ad Lib 3
G	55	Male Ad Lib 4
	56	Male Ad Lib 5
A	57	Male Ad Lib 6
	58	Vibra Slap
	59	Male: 'Hmm Hmm
C	60	Female: 'Next'
	61	Female: 'Here We Go'
D	62	Female: 'Play With Acc.'
	63	Female: 'Manual Play'

	Nr.	
E	64	Female: 'Better L- Next Time!'
F	65	Female: 'Please Pr. Any Pads'
	66	Female: 'Go'
G	67	Female: 'Ouch'
	68	Female: 'Uh Oh'
A	69	Female: 'Chuckle'
	70	Female: 'Oh Yeah'
	71	Female: 'Yep'
C	72	Female: 'Fantastic! New..
	73	-
D	74	-
	75	-
E	76	-
F	77	-
	78	Vocal Cuica High
G	79	Vocal Cuica Low
	80	Male 'All Right'
A	81	Male 'Get Down'
	82	Male 'Chicka'
	83	Male 'Ku-Chi-Ka'
C	84	Male 'Everybody Come..
	85	Male 'Huh'
D	86	Male 'That's Good!'
	87	Male 'Ow!'
E	88	Male 'Yeah!'
F	89	Male 'Ah'
	90	Male 'That's Bad'
G	91	Male 'Hit The Note'
	92	-
A	93	-

		<b>Prg. 67</b>
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7 - 11	Concert bass drum & Cymbal
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**MIDI CTL.  
NOTE 12-23**  
MIDI controller  
for volume adjust  
cc57 Bassdrum  
cc56 Cymbal

12 - 23	Bass & Ride
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**MIDI CTL.  
NOTE 12-23**  
MIDI controller  
for volume adjust  
cc57 BD  
cc56 Ride

24 - 35	Kick & HiHat Pedal
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**MIDI CTL.  
NOTE 24-35**  
MIDI controller  
for volume adjust  
cc57 BD  
cc56 HiHat Pedal

C	36	BD
	37	Rim cc56 & HiHat cc59
D	38	Snare cc56 & HiHat cc59
	39	Clap cc 56 & HiHat cc59
E	40	Snare cc 56 & HiHat cc59
F	41	Tom Low Low
	42	HiHat closed (2) SCOTLAND
G	43	Tom Low
	44	HiHat Pedal (2) SCOTLAND
A	45	Tom Medium L.
	46	HiHat open (2) SCOTLAND
	47	Tom Medium
C	48	Tom High
	49	Crash Cymbal 1
D	50	Tom High High
	51	Ride Cymbal 1
E	52	China Cymbal
F	53	Ride Cup
	54	Tambourin
G	55	Splash Cymbal
	56	Cowbell
A	57	Crash Cymbal 2
	58	Vibraslap
	59	Ride Cymbal 2

C	60	Brush roll A & Ride
	61	Brush roll B & Ride
D	62	Brush roll C & Ride
	63	Brush Mix A & Ride
E	64	Brush Mix A long swirl & Ride
F	65	Brush Mix B & Ride
	66	Brush Mix B long swirl & Ride
G	67	Brush Tap single hit & Ride
	68	Brush Tap single hit & Ride
A	69	Brush Tap single hit & Ride
	70	Brush swish & Ride
	71	Brush swish & Ride

**MIDI CTL.  
NOTE 60-71**  
MIDI controller  
for volume adjust  
cc57 Brush  
cc56 Ride

Nr.	<b>Prg. 67</b>	
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C	72	Brush roll A & HiHat
	73	Brush roll B & HiHat
	74	Brush roll C & HiHat
D	75	Brush Mix A & HiHat
E	76	Brush Mix A long swirl & HiHat
F	77	Brush Mix B & HiHat
	78	Brush Mix B long swirl & HiHat
G	79	Brush Tap single hit & HiHat
	80	Brush Tap single hit & HiHat
	81	Brush Tap single hit & HiHat
	82	Brush swish & HiHat
	83	Brush swish & HiHat

**MIDI CTL.  
NOTE 72-83**  
MIDI controller  
for volume adjust  
cc57 Brush  
cc56 HiHat Pedal

C	84	Stick Roll & HiHat
	85	Stick Roll & HiHat
D	86	Stick Rim & HiHat
	87	Stick & roll * roll fade & HiHat
E	88	Stick & roll * linear 2 & HiHat
F	89	Stick & roll * linear 3 & HiHat
	90	Stick & roll * linear 4 & HiHat
G	91	Stick single stroke & HiHat
	92	Stick single stroke & HiHat
A	93	Stick single sroke & HiHat
	94	Stick roll accent & HiHat
	95	Stick roll no accent & HiHat

**MIDI CTL.  
NOTE 84-95**  
MIDI controller  
for volume adjust  
cc57 Snare stick  
cc56 HiHat Pedal

C	96	Stick Roll & Ride
	97	Stick Roll & Ride
D	98	Stick Rim & Ride
	99	Stick & roll * roll fade & Ride
E	100	Stick & roll * linear 2 & Ride
F	101	Stick & roll * linear 3 & Ride
	102	Stick & roll * linear 4 & Ride
G	103	Stick single stroke & Ride
	104	Stick single stroke & Ride
A	105	Stick single sroke & Ride
	106	Stick roll accent & Ride
	107	Stick roll no accent & Ride

**MIDI CTL.  
NOTE 96-107**  
MIDI controller  
for volume adjust  
cc57 Snare stick  
cc56 Ride

C	108	SC HiHat Pedal A (3)
	109	SC HiHat Pedal B (3)
D	110	SC HiHat Pedal C (3)
	111	SC HiHat closed A (3)
E	112	SC HiHat closed B (3)
F	113	SC HiHat open (3)
	114	Rim cc56 & Ride cc59
G	115	Claps cc56 & Ride cc59

	116	Stick 3 Roll & Ride
	117	Stick 3 Roll & Ride
	118	Stick 3 Roll & HiHat
	119	Concert BD and Cymbal
	120	Concert BD and Cymbal open
	121	Concert BD low
	122	Concert BD
	123	Concert BD
	124	Concert BD
	125	Concert Cymbal medium
	126	Concert Cymbal open

**MIDI CTL.  
NOTE 96-107**  
MIDI controller  
for volume adjust  
cc57 Snare stick  
cc56 Cymbals



	Nr.	Sound MSB 49 / Prg. 100 KSU	
C	36	Grand Casa	4 layer - 48/64/120
	37		
D	38	Grand Casa copy	4 layer - 48/64/120
	39		
E	40	Grand Casa	only piano
F	41	Grand Casa	only mezzo
	42		
G	43	Grand Casa	only forte
	44		
A	45	Grand Casa	only ff
	46		
	47		
C	48	Cymbal	open piano
	49		
D	50	Cymbal	open mezzo
	51		
E	52	Cymbal	open forte
F	53	Cymbal	half open piano
	54		
G	55	Cymbal	half open forte
	56		
A	57	Cymbal	stop
	58		
	59		
C	60	Snare	4 layer - 32/84/120
	61		
D	62	Snare copy	4 layer - 32/84/120
	63		
E	64	Snare copy	4 layer - 32/84/120
F	65	Snare copy	4 layer - 32/84/120
	66		
G	67		
	68		
A	69		
	70		
	71		
C	72	Snare	piano
	73		
D	74	Snare	mezzo
	75		
E	67	Snare	forte
F	77	Snare	ff
	78	Snare fast roll	piano (-5db)
G	79	Snare fast roll	piano
	80	Snare fast roll	mezzo (-5db)
A	81	Snare fast roll	mezzo
	82	Snare slow roll	mezzo (-5db)
	83	Snare slwo roll	mezzo

	Nr.	Sound MSB 49 / Prg. 100 KSU	
C	84	Snare (no buzzer)	3 layer 32/84
	85		
D	86	Snare (no buzzer)	piano
	87		
E	88	Snare (no buzzer)	mezzo
F	89	Snare (no buzzer)	forte
	90		
G	91		
	92	Snare (no buzzer) fast roll	piano (-5db)
A	93	Snare (no buzzer) fast roll	piano
	94	Snare (no buzzer) fast roll	mezzo (-5db)
	95	Snare (no buzzer) fast roll	mezzo
C	96	Tambourin	3 layer - 48/96
	97		
D	98	Tambourin	piano
	99		
E	100	Tambourin	mzzo
F	101	Tambourin	forte
	102		
G	103		
	104		
A	105		
	106		
B	107		
C	108	Cymbal Crash 1	soft
	109		
D	110	Cymbal Crash 1	hard
	111		
E	112	Cymbal Crash 2	soft
F	113	Cymbal Crash 2	soft
G	115		
A	117		
B	120		

## V3SOUND - MIDI IMPLEMENTATION

	Recognized	
Basic Default	1 - 16	
Mode	3 poly mode	
Messages		
Note number	* 12-109	* depends on sounds
Velocity Note ON	9nH <sub>1</sub> y=1-127 o	
Note OFF	9nH <sub>1</sub> y=0 x	
Key aftertouch	o	
Channel aftertouch	o	
Pitch Bend	0-12	
Bank Select	00	* value depends on sound board - see page 3-13
Controller	01 - Modulation	
	05 - Portamento time	
	06 - Data Entry	
	07 - Volume	
	10 - Panorama	
	11 - Expression	
	64 - Sustain	
	65 - Portamento	
	66 - Sostenuito	
	71 - Filter resonance	
	72 - ENVELOPE Release	
	73 - ENVELOPE Attack	
	74 - Filter cutoff	
	75 - ENVELOPE Decay	
	76 - Vibrato rate	
	77 - Vibrato depth	
	78 - Vibrato delay	

	84 - Portamento control	
	91 - Reverb send	
	93 - Chorus send	
	120 - All sound off	
	121 - Reset all controllers	
	123 - All note off	
	126 - Mono-mode	
	127 - Poly-mode	
RPN 0000H	BnH 65H 00H 64H 00H 06H vv	Pitch bend sensitive in semitone (default=2)
RPN 0001H Fine tune in cent	BnH 65H 00H 64H 01H 06H vv	vv=00 -100 vv=40H 0 vv=7FH +100
RPN 0002H Coarse tune half tone	BnH 65H 00H 64H 02H 06H vv	vv=00 -64 vv=40H 0 vv=7FH +64
NRPN 18rrH	BnH 63H 18H 62H rr 06H vv	Pitch coarse of perc. rr in semitone (vv=40H->no modif)
NRPN 1ArRH	BnH 63H 1AH 62H rr 06H vv	Level of perc. sound rr (vv=00 to 7FH)
NRPN 1CrRH	BnH 63H 1CH 62H rr 06H vv	Pan of perc. sound rr (40H = middle)
NRPN 1DrrH	BnH 63H 1DH 62H rr 06H vv	Reverb send level of perc rr (vv=00 to 7FH)
AUX AUDIO OUT	BnH 63H 38H 62H rr 06H vv	rr = MIDI channel - CH1 = 00 CH2 = 01 vv = 0 MAIN 127=AUX
(Reverb return is fixed in Main out)		Example :Set CH1 to AUX - send 3 MIDI controllers: For all parts with MIDI-channel 1 cc99 value 56 + cc98 value 00 + cc06 value 127 * depends on sound board
Program Change :	0-127	
System Exclusive:		
SYSEX	F0H 7EH 7FH 09H 01H F7H	General MIDI Reset
SYSEX	F0H 7FH 7FH 04H 01H 00H II F7H	Master volume (II=0 to 127, default 127)
SYSEX DSP1	F0h,41h,00h,42h,12h,40h,7Fh,xxh,00h,F7h xxh=Effect 00h=HALL1 01h=HALL2 02h=ROOM1 03h=ROOM2 04h=ROOM3" 05h=PLATE1 06h=PLATE2 07h=PLATE3 08h=CHORUS 09h=FLANGE 0Ah=DELAY1 0Bh=DELAY2 0Ch=CHORUS/ROOM1 0Dh=CHORUS/ROOM2 0Eh=VOCCANCEL 0Fh=ROTARY SPEAKER	
SYSEX DSP2	F0h,41h,00h,42h,12h,40h,01h,38h,xxh,00h,F7h	xxh=Effect 0h=CHORUS 1 01h=CHORUS 2 02h=CHORUS 3 03h=CHORUS 4 04h=FEEDBACK 05h=FLANGER 06h=SHORT DELAY 07h=FB DELAY