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sounds

sonority

sound list
midi implementation



V3SOUND.COM

V3SOUND

Celtic

SOUNDLIST



Prg.	Accordions scottish tuned	
1	HOH	Col. 888
2	HOH	Col. 888-16
3	HOH	Col. 4-888
4	HOH	Col. 4-888-16
5	HOH	Domino 888
6	HOH	Domino 888-16
7	HOH	Domino 4-888
8	HOH	Domino 4-888-16
9	HOH	J. Shand 888
10	HOH	J. Shand 888-16
11	HOH	J. Shand 4-888
12	HOH	J. Shand 4-888-16
Accordions irish tuned		
13	BOR	Irish 888
14	BOR	Irish 888-16
15	BOR	Irish 4-888
16	BOR	Irish 4-888-16
17	PMA	Irish 88
18	PMA	Irish 88-16
19	PMA	Irish 4-88
20	PMA	Irish 48816
21	PMA	Irish 8
22	PMA	Irish 8-16
23	PMA	Irish 4-8
24	PMA	Irish 4-8-16
Accordions standard tuned		
25	PMA	V3 8+88 wide
26	PMA	V3 8+88 wide dark
27	PMA	V3 8+88+8 wide
28	PMA	V3 8+88 small
29	HOH	Harmon 4816
30	HOH	Harmon 4816 (4+)
31	HOH	Harmon 4816 (4++)
32	HOH	Harmon 4816 (4+++)
33	BUG	Reed 16
34	ALG	Reed 4

Melodeons & Concertina		
35	BRA	Irish tuned Melodeon 88
36	WMA	8+8 tune small
37	WMA	8+8 tune medium
38	WMA	8+8 tune wide
39	WMA	8+ Acc. 8 tune small
40	WMA	8+ Acc. 8 tune med.
41	WMA	8+ Acc. 8 tune wide
42		Concertina

Legend	
round robin	Articulation happen automatically
Repetition	Straight samples changes automatically
Slices	Rhythm patterns find MIDI-files in our homepage
Prg. 117-120	Could be mixed with any reed instrument

ALL BRAND/PRODUCT NAMES ARE REGISTERED TRADEMARKS OF THEIR RESPECTIVE HOLDERS	
HOH	Hohner
BOR	Borsini
PMA	Pietro Mario
BUG	Bugari
ALG	Alpengold
BRA	Brandoni
WMA	Weltmeister

High Whistle (Repetition)	
43	High Whistle
44	High Whistle - round robin grace notes
45	High Whistle - slide up velocity 116-127
46	High Whistle - just grace notes to use in MIDI-files
Low Whistle	
47	Low Whistle
48	Low Whistle - slide up velocity 116-127
Pipes (Repetition)	
49	Bag Pipe
50	Bag Pipe - round robin grace notes
51	Bag Pipe - slide up velocity 116-127 note no. 120 birls to use in MIDI-files
52	Bag Pipe - just grace notes to use in MIDI-files
53	Bad Pipe - drone
Ullian Pipe (Repetition)	
54	Ullian Pipe
55	Ullian Pipe - round robin grace notes
56	Ullian Pipe - slide up velocity 116-127 note no. 120 birls to use in MIDI-files
57	Ullian Pipe - just grace notes to use in MIDI-files
58	Ullian Pipe - drone & chord
Pipe Group (Repetition)	
59	Highland Pipes
60	Highland Pipes - round robin grace notes
61	Highland Pipes - just grace notes to use in MIDI-files
62	Highland Pipes - drone
Fiddle (Repetition)	
63	Fiddle
64	Fiddle - less attack
65	Fiddle - slide up velocity 116-127
66	Fiddle - slide up slow velocity 116-127
Banjo (Repetition)	
67	Banjo
68	Banjo - slide up velocity 116-127
Harp	
69	Harp
70	Harp less release

Mandolin	
71	Mandolin
Steel Guitar	
72	Steel Guitar
Piano	
73	Grand Piano - full dynamic
74	Grand Piano - very soft dynamic
75	Grand Piano - soft dynamic
76	Grand Piano - medium dynamic
77	Grand Piano - hard dynamic
78	Grand Piano - no velocity
Contrabass	
79	Contrabass
80	Contrabass more release
81	CB more finger noise
82	CB more finger noise& release
83	CB no finger noise
84	CB no finger noise & release
empty	
85-116 empty	
Noise partial	
117	Key off
118	Attack layer linear
119	Attack layer concave
120	Attack Layer concace offset 50
Drums	
121	Drum kit manual - page xxx
122	Drum kit 70 - page xxx
123	Drum kit 71 - page xxx
124	Drum kit Pipe band - page xxx
Bodhran slices (for MIDI-files)	
125	Bodhran slices 1
126	Bodhran slices 2
127	Bodhran slices 3
Silence	
128	Silence

MAPPING

BANK MSB 71 PRG. 121

C	12	Ride Repetition	cc56
	23		
C	24	Ride Repetition velocity 1-127	cc56
	35		
		Bass Drum	cc57
C	36	Ride Repetition velocity 1-115	cc56
	47	Crash Repetition velocity 116-127	
		Bass Drum	cc57
C	48	Bass Drum	cc57
	59		
C	60	HiHat Pedal	cc56
	71		
C	72	HiHat Pedal	cc56
	83	Bass Drum	cc57

MAPPING

BANK MSB 71 PRG. 122

Note Nr.		Note Nr.		Note Nr.	
1	Snare roll	C 60	Brush roll A & Ride	90	Stick & roll * linear 4 & HiHat
2	Snare roll	61	Brush roll B & Ride	G 91	Stick single stroke & HiHat
3	Drum Stick	D 62	Brush roll C & Ride	92	Stick single stroke & HiHat
4 - 11	Concert bass drum & Cymbal	63	Brush Mix A & Ride	A 93	Stick single stroke & HiHat
12 - 23	Bass & Ride	E 64	Brush Mix A long swirl & Ride	94	Stick roll accent & HiHat
24 - 35	Kick & HiHat Pedal	F 65	Brush Mix B & Ride	95	Stick roll no accent & HiHat
C 36	BD	66	Brush Mix B long swirl & Ride	C 96	Stick Roll & Ride
37	Rim cc56 & HiHat cc59	G 67	Brush Tap single hit & Ride	97	Stick Roll & Ride
D 38	Snare cc56 & HiHat cc59	68	Brush Tap single hit & Ride	D 98	Stick Rim & Ride
39	Clap cc 56 & HiHat cc59	A 69	Brush Tap single hit & Ride	99	Stick & roll * roll fade & Ride
E 40	Snare cc 56 & HiHat cc59	70	Brush swish & Ride	E 100	Stick & roll * linear 2 & Ride
F 41	Tom Low Low	71	Brush swish & Ride	F 101	Stick & roll * linear 3 & Ride
42	HiHat closed (2) SCOTLAND	C 72	Brush roll A & HiHat	102	Stick & roll * linear 4 & Ride
G 43	Tom Low	73	Brush roll B & HiHat	G 103	Stick single stroke & Ride
44	HiHat Pedal (2) SCOTLAND	74	Brush roll C & HiHat	104	Stick single stroke & Ride
A 45	Tom Medium L.	D 75	Brush Mix A & HiHat	A 105	Stick single stroke & Ride
46	HiHat open (2) SCOTLAND	E 76	Brush Mix A long swirl & HiHat	106	Stick roll accent & Ride
47	Tom Medium	F 77	Brush Mix B & HiHat	107	Stick roll no accent & Ride
C 48	Tom High	78	Brush Mix B long swirl & HiHat	C 108	SC HiHat Pedal A (3)
49	Crash Cymbal 1	G 79	Brush Tap single hit & HiHat	109	SC HiHat Pedal B (3)
D 50	Tom High High	80	Brush Tap single hit & HiHat	D 110	SC HiHat Pedal C (3)
51	Ride Cymbal 1	81	Brush Tap single hit & HiHat	111	SC HiHat closed A (3)
E 52	China Cymbal	82	Brush swish & HiHat	E 112	SC HiHat closed B (3)
F 53	Ride Cup	83	Brush swish & HiHat	F 113	SC HiHat open (3)
54	Tambourin	C 84	Stick Roll & HiHat	114	Rim cc56 & Ride cc59
G 55	Splash Cymbal	85	Stick Roll & HiHat	G 115	Claps cc56 & Ride cc59
56	Cowbell	D 86	Stick Rim & HiHat	116	Stick 3 Roll & Ride
A 57	Crash Cymbal 2	87	Stick & roll * roll fade & HiHat	A 117	Stick 3 Roll & Ride
58	Vibraslap	E 88	Stick & roll * linear 2 & HiHat	118	Stick 3 Roll & HiHat
59	Ride Cymbal 2	F 89	Stick & roll * linear 3 & HiHat	119	Concert BD and Cymbal
				C 120	Concert BD and Cymbal open
				121	Concert BD low
				D 122	Concert BD
				123	Concert BD
				E 124	Concert BD
				125	Concert Cymbal medium
				126	Concert Cymbal open



Adjust volume of layered sounds with MIDI controller cc56 drums cc57 cymbals

MAPPING

BANK MSB 71 PRG. 123

Program 123 use the same mapping as program 122, but no cymbals are layered with other drums.

MAPPING

DRUMKIT 70 & 71

Drumkits 70 & 71 use the same mapping as program 122 and 123.

Drumkits 70 & 71 are available on MIDI channel 10. Drums with BANK 71 PRG. 122 are ready to use on MIDI Channels 1-9 and 11-16.



V3SOUND

100 Accordions

SOUNDLIST

100 ACCORDIONS

BANK MSB 72

Prg.	Alpin Accordions		R
01	HOH	Alpina 888	
02	HOH	Alpina 4+888+16	
03	HOH	Alpina 4+888	
04	HOH	Alpina 888+16	
05	ZUP	Alpin 888	
06	ZUP	Alpin 88	
07	ZUP	Alpin 4+88	
08	ZUP	Alpin 88+16	
09	ZUP	Alpin 4+88+16	
10	ZUP	Alpin 8 Reed (Cassotto)	
11	ZUP	Alpin 8+8 tune med.	
12	ZUP	Alpin 8+8 tune flat	
13	ZUP	Alpin 8+8 tune small	
14	ZUP	Alpin 8+8 tune wide	
15	ZUP	Alpin 8+16	
16	ZUP	Alpin 4	
	French Accordions		
17	MAU	Musette 888	
18	MAU	Musette 888+16	
19	MAU	Musette 4+888	
20	MAU	Musette 4+888+16	
21	HOH	88	◆
22	HOH	88+16	◆
23	HOH	816	◆
24	HOH	4+816	◆
25	CAV	Ve10 88	
26	CAV	Ve10 88+16	
27	CAV	Ve10 88+1616	
28	CAV	Ve10 1616 (Cassotto)	
29	CAV	Ve10 1616+8	
30	CAV	Ve10 1616+5th	Exm
31	CAV	Ve10 88+8 flat	Exm ◆
32	CAV	Ve10 88+8 dark	Exm ◆
33	CAV	Ve10 4+88	Exm ◆
34	HOH	Musette Fun 888	
35	HOH	Flash 88	
36	HOH	Flash 88+16	
37	HOH	Flash 88+8 flat	
38	HOH	Flash 88+1616	
39	HOH	Flash 1616 (Cassotto)	◆
40	HOH	Flash 1616+8	◆
41	HOH	Flash 1616+16	Exm ◆
42	CAV	Vintage 8 Reed	
43	CAV	Vintage 8 Reed	Spc
44	CAV	Vintage 4 Reed	
45	CAV	Vintage 88	
46	CAV	Vintage 88+8	

	Italian Accordions		R
47	GAL	888 Musette Vintage	
48	SCA	VI Vintage 8 (Cassotto)	
49	SCA	VI Vintage 88	
50	SCA	VI 8+8 flat	
51	SCA	VI 8+8 flat +	
52	SCA	VI 8+8 medium	
53	SCA	VI 8+8+8 medium +	
54	SCA	VI 8+8+8 wide	
55	SCA	VI 8+8+8 wide +	
56	SCA	VI Vintage 4	
57	SCA	VI Vintage 4+8	
58	SCA	VI Vintage 4+16	◆
59	SCA	VI Vintage 4+88	
60	SCA	VI Vintage 8+16	◆
61	SCA	VI Vintage 4+8+16	◆
62	SCA	VI Vintage 88+16	◆
63	SCA	VI Vintage 4+88+16	◆
64	SCA	VI Vintage 16	◆
65	BAL	888 Musette	
66	BUG	16 Reed	
67	MEN	888 Retro Musette	
68	BAM	8 Reed	Spc
69	BAM	+SCVI 8+8 (2x Cassotto)	Exm
70	BAM	+SCVI 8+8 (2x Cassotto)	Exm
	Cajun		
71	HOH	4+8+16	
72	HOH	4+8+8+16	
73	HOH	8+8	
74	HOH	4+8	
75	HOH	4+8+8+16 (PEV)	Exm
76	HOH	8+8 (PEV)	Exm
	Accordions Benelux		
77	PIM	88	
78	ACC	888 Musette	
79	ACC	888+8 Musette	Exm
	German Accordion		
80	HOH	GOL 88	
	Austrian Squeeze Box		
81	MÜL	888 St. Leonhard	

Legend	
Exm	Experimental sounds
R ◆	Samples change any hit
Spc	Bellow change overtone spectrum
PEV	One reed slide up by attack
OCB	Octave break

100 ACCORDIONS

BANK MSB 72

	Melodeons & more		
82	HOH	Corso 888 Vintage	
83	WEM	8 Reed	
84	WEM	8+8 small	
85	WEM	8+8 medium	
86	WEM	8+8 wide	
87	WEM	8+8+8 small	
88	WEM	8+8+8 medium	
89	WEM	8+8+8 wide	
90	WEM	888	
91	WEM	888+8	Exm
92	WEM	8+16	
93	SER	88	
94	VIC	Bandoneon	
95	ACD	Accordina	
	Schwyzer Örgeli		
96	NUS	888	
97	NUS	88	
98	NUS	888+8	Exm
99	NUS	888+16	Exm

ALL BRAND/PRODUCT NAMES ARE REGISTERED TRADEMARKS OF THEIR RESPECTIVE HOLDERS	
HOH	Hohner
ZUP	Zupan
MAU	Maugein
CAV	Cavagnolo
GAL	Galanti
SCA	Scandalli
BAL	Ballone Burini
BUG	Bugari
MEN	Mengascini
BAM	Bugari Armando
PIM	Piermaria
ACC	Accardiola
MÜL	Müller
WEM	Weltmeister
SER	Serinelli
VIC	Victoria
NUS	Nussbaumer
AEM	Aemmitaler
	Cordavox



USE THIS KEY RANGE
Bass / note number 33-47
Chord / note number 60-71

Accordion Bass		
100	SCA	VI Bass
101	VIC	Bass
102	BUG	Bass 16
103	BUG	Bass 8
104	BUG	Bass 4
105	BUG	Bass 2
106	BUG	Bass 16+8
107	BUG	Bass 16+8+4
108	SCA	VI Bass + BUG Bass 16
Accordion Chord		
109	SCA	VI Chord (Octave break 47/48) (OCB)
110	BUG	4
111	BUG	8
112	BUG	4+8
113	BUG	2+4
Melodeon		
114	WEM	Melodeon Bass
115	WEM	Melodeon Bass less Attack noise
116	WEM	Melodeon Chord note 60-71 (OCB)
Schwyzer Örgeli Bass		
117	AEM	Örgeli Bass
Accordion Drawbar (Exm)		
118	V3	Drawbar FULL 888888888
119	V3	Drawbar 888
120	V3	Drawbar 888000678
121	V3	Drawbar 88
122	V3	Drawbar 800008000
123	V3	Drawbar 807800000
Noise and partial		
124	V3	Key OFF
125	V3	Attack Layer linear
126	V3	Attack Layer concave
127	V3	Attack Layer convave offset 50
128		Silence

100 ACCORDIONS

BANK MSB 73

Prg.	CORDAVOX ELECTRONIC ACC.		
01	Clar+Vib 48 long release	46	Vib flute 48 long release
02	Clar+Vib 48 medium release	47	Vib flute 48 medium release
03	Clar+Vib 48 short release	48	Vib flute 48 short release
04	Clar+Vib 8 long release	49	Vib flute 4-8 long release
05	Clar+Vib 8 medium release	50	Vib flute 4-8 medium release
06	Clar+Vib 8 short release	51	Vib flute 4-8 short release
07	Clar+Vib long release	52	Vib flute 48 LFO 1 long release
08	Clar+Vib medium release	53	Vib flute 48 LFO 1 med release
09	Clar+Vib short release	54	Vib flute 48 LFO 1 short rel.
10	Mix 1 long release	55	Vib flute 48 LFO 2 long release
11	Mix 1 medium release	56	Vib flute 48 LFO 2 med release
12	Mix 1 short release	57	Vib flute 48 LFO 2 short rel.
13	Mix 2 long release	58	Vib flute 48 LFO 3 long release
14	Mix 2 medium release	59	Vib flute 48 LFO 3 med release
15	Mix 2 short release	60	Vib flute 48 LFO 3 short rel.
16	Mix 3 long release		
17	Mix 3 medium release		
18	Mix 3 short release		
19	Mix 4 long release		
20	Mix 4 medium release		
21	Mix 4 short release		
22	Vib flute 48 long release		
23	Vib flute 48 medium release		
24	Vib flute 48 short release		
25	Vib flute 8 long release		
26	Vib flute 8 medium release		
27	Vib flute 8 short release		
28	Vib flute 4+8 long release		
29	Vib flute 4+8 medium release		
30	Vib flute 4+8 short release		
31	Vib flute 8 long release		
32	Vib flute 8 medium release		
33	Vib flute 8 short release		
34	Vib flute LFO 1 long release		
35	Vib flute LFO 1 med. release		
36	Vib flute LFO 1 short release		
37	Vib flute LFO 2 long release		
38	Vib flute LFO 2 med. release		
39	Vib flute LFO 2 short release		
40	Vib flute LFO 3 long release		
41	Vib flute LFO 3 med. release		
42	Vib flute LFO 3 short release		
43	Vib flute 484 long release		
44	Vib flute 484 medium release		
45	Vib flute 484 short release		

MAPPING

DRUMKIT 72

Note Nr.		Note Nr.		Note Nr.	
1	Snare roll	C 60	Brush roll A	90	Stick & roll * linear 4
2	Snare roll	61	Brush roll B	G 91	Stick single stroke
3	Drum Stick	D 62	Brush roll C	92	Stick single stroke
4 - 11	Concert bass drum	63	Brush Mix A	A 93	Stick single stroke
12 - 23	Concert bass drum	E 64	Brush Mix A long swirl	94	Stick roll accent
24 - 35	BD	F 65	Brush Mix B	95	Stick roll no accent
C 36	BD	66	Brush Mix B long swirl	C 96	Stick Roll
37	Rim	G 67	Brush Tap single hit	97	Stick Roll
D 38	Snare	68	Brush Tap single hit	D 98	Stick Rim
39	Clap	A 69	Brush Tap single hit	99	Stick & roll * roll fade
E 40	Snare	70	Brush swish	E 100	Stick & roll * linear 2
F 41	Tom Low Low	71	Brush swish	F 101	Stick & roll * linear 3
42	HiHat closed (2)	C 72	Brush roll A	102	Stick & roll * linear 4
G 43	Tom Low	73	Brush roll B	G 103	Stick single stroke
44	HiHat Pedal (2)	74	Brush roll C	104	Stick single stroke
A 45	Tom Medium L.	D 75	Brush Mix A	A 105	Stick single stroke
46	HiHat open (2)	E 76	Brush Mix A long swirl	106	Stick roll accent
47	Tom Medium	F 77	Brush Mix B	107	Stick roll no accent
C 48	Tom High	78	Brush Mix B long swirl	C 108	SC HiHat Pedal A (3)
49	Crash Cymbal 1	G 79	Brush Tap single hit	109	SC HiHat Pedal B (3)
D 50	Tom High High	80	Brush Tap single hit	D 110	SC HiHat Pedal C (3)
51	Ride Cymbal 1	81	Brush Tap single hit	111	SC HiHat closed A (3)
E 52	China Cymbal	82	Brush swish	E 112	SC HiHat closed B (3)
F 53	Ride Cup	83	Brush swish	F 113	SC HiHat open (3)
54	Tambourin	C 84	Stick Roll	114	Rim
G 55	Splash Cymbal	85	Stick Roll	G 115	Claps
56	Cowbell	D 86	Stick Rim	116	Stick 3 Roll
A 57	Crash Cymbal 2	87	Stick & roll * roll fade	A 117	Stick 3 Roll
58	Vibraslap	E 88	Stick & roll * linear 2	118	Stick 3 Roll
59	Ride Cymbal 2	F 89	Stick & roll * linear 3	119	Concert BD
				C 120	Concert BD
				121	Concert BD low
				D 122	Concert BD
				123	Concert BD
				E 124	Concert BD
				125	Concert Cymbal medium
				126	Concert Cymbal open

GENERAL MIDI MAIN

BANK 0



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

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

GENERAL MIDI MAIN

BANK 0

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

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

VARIATION SOUNDS

Sound bank 55 offers the same sounds as GM sound bank 0. But all sounds has more volume and the sound use OSC overlapping. All sounds in this sound bank needs more polyphony as in Bank 0.

MSB	Prg.	
55	1	Grand Piano
56	1	Classic Grand Piano
57	1	Rock Piano
58	1	Grand Stack 1 FM
59	1	Grand Piano Tinkle
60	1	Grand Piano and Pad
55	2	Bright Piano
56	2	Octave Piano
57	2	Bright Rock Piano
58	2	Grand Stack 2 EP
59	2	Grand Piano just Pad
60	2	Grand Piano Tremolo
55	3	Electric Grand Piano
56	3	Electric Grand Piano 2
57	3	Electric Grand Piano Trem.
58	3	Electric Grand Piano Stack
59	3	Electric Grand Piano Trem.
60	3	Electric Grand Piano hard Atk
55	4	Honky Tonk
56	4	E-Piano Wurly
57	4	E-Piano Wurly Trem. slow
58	4	E-Piano Wurly Tinkle
59	4	E-Piano Wurly Trem. fast
60	4	E-Piano Wurly Tinkle Trem.sl.
55	5	E-Piano Tines
56	5	E-Piano Tines Tinkle
57	5	E-Piano Tines Tremolo slow
58	5	E-Piano Tines Stack Bells
59	5	E-Piano Tines Tremolo fast
60	5	E-Piano Tines Tinkle Trem. sl.
55	6	E-Piano FM
56	6	E-Piano FM B
57	6	E-Piano FM filter
58	6	E-Piano FM detuned
59	6	E-Piano FM soft pad
60	6	E-Piano FM soft pad tremolo

MSB	Prg.	
55	7	Harpsichord
56	7	Harpsichord plus octave
57	7	Harpsichord octave delay
58	7	Har. Oct. delay long release
55	8	Clavinet
56	8	Clavinet filter
55	9	Celesta
56	9	Celesta Tinkle
57	9	Celesta Tinkle filter
58	9	Celesta just Attack
59	9	Celesta Tinkle and Pad
60	9	Celesta Tinkle octave delay
55	10	Glockenspiel
55	11	Music Box
56	11	Music Box oct. delay
57	11	Music Box oct. delay soft Atk.
55	12	Vibraphon
56	12	Vibraphon short release
57	12	Vibraphon soft Attack
58	12	Vibraphon no Vib.
59	12	Vibraphon no Vib. shot Rel.
60	12	Vibraphon fast Tremolo
55	13	Marimba
56	13	Marimba octave delay
57	13	Marimba & Xylo.octave delay
58	13	Marimba & Xylophon
55	14	Xylophon
56	14	Xylophon octave delay
55	15	Tubular Bell
56	15	Tubular Bell 2
55	16	Dulcimer
56	16	Dulcimer bright
57	16	Dulcimer 3
58	16	Dulcimer 3 out of tune
59	16	Dulcimer Tremolo
60	16	Dulcimer Fade in

VARIATION SOUNDS

MSB	Prg.	
55	17	Drawbar Organ
56	17	Ham 776555678 slow
57	17	Ham 776555678 fast
58	17	Ham 800000568 slow
59	17	Ham 800000568 fast
60	17	Ham 807800000 slow
55	18	Percussive Organ
56	18	Entertainer Organ Germany 1
57	18	Entertainer Organ Germany 2
58	18	Vintage German Organ 1
59	18	Vintage German Organ 2
60	18	Ham 807800000 fast
55	19	Rock Organ
56	19	Organ FL 1
57	19	Organ FL 2
58	19	Ham 800000000 slow
59	19	Ham 800000000 fast
55	20	Church Organ
56	20	Church Organ 2
57	20	Church Organ Flutes
55	21	Reed Organ
56	21	Theatre Organ Mighty
57	21	Theatre Organ Piston
58	21	Theatre Organ Acc
55	22	Accordion
56	22	Accordion Alpin 888
57	22	Accordion French Musette
58	22	Accordion French Celeste
59	22	Steirische Harmonika
60	22	Vox 4 Hawaii soft pad
55	23	Harmonica
55	24	Accordion Tango
56	24	Accordion Reed 16 Jazz
57	24	Accordion Reed 8 SCVI
58	24	Melodeon 8
59	24	Bandoneon
60	24	Vox 4 Hawaii fast

MSB	Prg.	
55	25	Nylon Guitar (120FX)
56	25	Ny. Git. soft (120FX)
57	25	Ny. Git. hard layer (120FX)
58	25	Ny. Git. death note (120FX)
59	25	Ny. Git. oct. Arp (120FX)
60	25	N.Git. Slide vel. 116 (120FX)
55	26	Acoustic Steel (120FX)
56	26	Acoustic Steel soft layers
57	26	Acoustic Steel hard (120FX)
58	26	Ac. Steel Double (120FX)
59	26	Acoustic Steel fall (120FX)
60	26	Acoustic Steel Slide (120FX)
55	27	Jazz Guitar (120FX)
56	27	Jazz Guitar - note off (120FX)
57	27	Jazz Guitar Mute (120FX)
58	27	Jazz Guitar Mute DN (120FX)
59	27	Jazz Guitar Octave
55	28	Guitar clean (120FX)
56	28	Guitar clean soft EQ (120FX)
57	28	Guitar clean - PAD (120FX)
58	28	Guitar clean - stop (120FX)
59	28	Acoustic Steel Mute (120FX)
55	29	Guitar mute clean (120FX)
56	29	Guitar mute HPF (120FX)
55	30	Overdrive Guitar (120FX) ²
56	30	Overdrive Guitar 8th (120FX) ²
57	30	Ov. Git. Death note (120FX) ²
55	31	Distortion Guitar (120FX) ²
56	31	Distortion Guitar 8th (120FX) ²
57	31	Dis. Gt. Death note (120FX) ²
55	32	Guitar harmonics
56	32	Nylon Guitar harmonics

VARIATION SOUNDS

MSB	Prg.	
55	33	Upright Jazz Bass
56	33	Upright Jazz Bass more Atk.
57	33	Upright JB no finger Atk.
55	34	E-Bass fingered
56	34	E-Bass fingered EQ1
57	34	E-Bass fingered EQ2
58	34	E-Bass fingered HQ
60	34	E-Bass fing. Slide vel 116
55	35	E-Bass picked
56	35	E-Bass picked dark
55	36	Fretless Bass
55	37	Slap Bass 1 (120FX)
55	37	Slap Bass 1 (120FX)
56	36	Slap Bass 2 (120FX)
56	38	Slap Bass 2 (120FX)
55	39	Synth Bass 1
56	39	Synth Bass 1 Reso
57	39	Synth Bass 1 Reso
58	39	Synth Bass 1 filter
55	40	Synth Bass 2
56	40	Synth Bass 2 Reso
57	40	Synth Bass 2 Reso
58	40	Synth Bass 2 filter
55	41	Violin
55	42	Viola
55	43	Cello
55	44	Contrabass
55	45	Tremolo Strings
55	46	Pizzicato Strings
55	47	Harp
55	48	Timpani

MSB	Prg.	
55	49	String Ensemble 1 20314
56	49	String Ensemble 1 ENV fast
57	49	String Ensemble 1 detache
58	49	String Ensemble 1 Layer
55	50	String Ensemble 2 20301ADL
56	50	String Ensemble 2 slow
57	50	String Ensemble 2 fad m3
58	50	String ENV - Filter ENV
59	50	String Ensemble 2 fad p3
55	51	Synth Strings 1
56	51	Synth Strings 1 filter up
57	51	Synth Strings 1 filter lfo
58	51	Synth Strings 1 filter
55	52	Synth Strings 2 MKS
56	52	Synth Strings 2 MKS dark
57	52	Synth Strings 2 MKS filter
58	52	Synth Strings 2 MKS rel.down
55	53	Choir Aahs
57	53	String Ens. Retro Synth. 1
58	53	String Ens. Retro Synth. 2
55	54	Voice Oohs
56	54	Voice Ooh
57	54	Voice Ooh Double
55	55	Synth Voice
56	55	Synth Voice 2 Layer
57	55	Synth Voice 2 Layer EQ
55	56	Orchestra Hit Major
56	56	Orchestra Hit Minor
55	57	Trumpet
56	57	Trumpet soft layers
57	57	Trumpet hard layers
59	57	Trumpet legato down vel.116
60	57	Trumpet Slide porta. vel. 116
55	58	Trombone
56	58	Trombone soft layers
57	58	Trombone hard layers
55	59	Tuba
58	59	Bariton Bass (note 84 up FX)

VARIATION SOUNDS

MSB	Prg.	
55	60	Trp. Mute
56	60	Trp Mute auto variation
55	61	Horn
55	62	Brass Section
56	62	Brass Section Sfz
57	62	Brass Section fall fast
58	62	Brass Section fall slow
55	63	Synth Brass 1
55	64	Synth Brass 2
55	65	Sopran Sax
56	65	Sopran Sax soft Layers
57	65	Sopran Sax hard Layers
58	65	Sopran Sax soft Layers noise
60	65	Sopran Sax slide 116
55	66	Alto Sax
56	66	Alto Sax soft Layers
57	66	Alto Sax hard Layers
58	66	Alto Sax soft Layers noise
60	66	Alto Sax slide 116
55	67	Tenor Sax
56	67	Tenor Sax soft Layers
57	67	Tenor Sax hard Layers
58	67	Tenor Sax soft Layers noise
59	67	Tenor Sax medium
60	67	Tenor Sax slide 116
55	68	Bariton Sax
55	69	Oboe
55	70	English Horn
55	71	Bassoon
55	72	Clarinet
56	72	Clarinet noise
59	72	Clarinet noise slide velo. 116
60	72	Clarinet slide velo. 116
55	73	Piccolo
55	74	Flute
56	74	Flute EQ
57	74	Flute EQ2

MSB	Prg.	
55	75	Recorder
55	76	Pan Flute
55	77	Blown Bottle
56	77	Blown Bottle soft
57	77	Blown Bottle filter
58	77	Blown Bottle filter LFO
55	78	Shakuhachi
55	79	Whistle
55	80	Ocarina
55	81	Square Lead
56	81	Square Lead 1 Layer
57	81	Square Lead filter ENV
58	81	Square Lead soft Atk.
55	82	Saw Lead
56	82	Saw Lead ENV
57	82	Saw Lead HPF
58	82	Saw Lead dynamic filter
59	82	Saw Lead dynamic filter 24db
55	83	Calliope
56	83	Calliope no noise
55	84	Chiffer Lead
56	84	Chiffer Lead 2
57	84	Chiffer Lead Reso
58	84	Chiffer Lead Notch
59	84	Hook Lead
60	84	Reco Pluck
55	85	Charang
56	85	Charang Low Pass
57	85	Poly FM
55	86	Solo Vox
56	86	Solo Vox Filter
57	86	Solo Vox Filter pad
58	86	Solo Vox Filter Rise
55	87	5th Saw wave
56	87	Saw wave dynamic short
57	87	Saw wave 2
58	87	Saw wave soft

VARIATION SOUNDS

MSB	Prg.	
55	88	Bass & Lead
56	88	Bass & Lead tuned
57	88	Bass & Lead perc.
58	88	Bass & Lead reso
<hr/>		
55	89	New Age
56	89	New age 2
57	89	New age 816
58	89	New age DX1
59	89	New age double
<hr/>		
55	90	Warm Pad
56	90	Warm Pad less bass
57	90	Pad Obx
58	90	Soft Pad Obx
59	90	Dark Pad Obx
60	90	Pad Obx Rise
<hr/>		
55	91	Polysynth
56	91	Polysynth filter
57	91	Polysynth bright
58	91	Choir pad filter
59	91	Choir pad filter up
<hr/>		
55	92	Choir pad
56	92	Choir pad 2
57	92	Choir pad 3
<hr/>		
55	93	Bowed
56	93	More Metal Pad
<hr/>		
55	94	Metallic
<hr/>		
55	95	Halo pad
<hr/>		
55	96	Sweep
56	96	Sweep fast
57	96	Sweep fast attack
<hr/>		
55	97	Rain
<hr/>		
55	98	Soundtrack 5th
56	98	Soundtrack
57	98	Soundtrack soft
58	98	Soundtrack fast
60	98	Soundtrack fast fad stereo

MSB	Prg.	
55	99	Crystal
56	99	Crystal HPF
57	99	Crystal note off
<hr/>		
55	100	Atmosphere
56	100	Atmosphere 2
<hr/>		
55	101	Brightness
56	101	Brightness 10P
57	101	Brightness Notch
<hr/>		
55	102	Goblins
55	103	Echoes
55	104	Sci-fi Star
<hr/>		
55	105	Sitar
57	105	Rhy. Guitar Steel CX (120FX) ²
58	105	Rhy.Guitar soft CX (120FX) ²
<hr/>		
55	106	Banjo
57	106	Rhythm Guitar Folk
58	106	Rhythm Guitar Folk less Bass
60	106	Banjo slide velo. 116
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55	107	Shamisen
<hr/>		
55	108	Koto
58	108	Mandoline Tremolo
<hr/>		
55	109	Kalimba
55	110	Bag pipe
<hr/>		
55	111	Fiddle
56	111	Fiddle less Attack
59	111	Fiddle slide up fast
60	111	Fiddle slide up slow
<hr/>		
55	112	Shanai
55	113	Tinkle Bell
55	114	Agogo
55	115	Steel Drums
55	116	Woodblock
55	117	Taiko Drum
55	118	Melodic Tom
55	119	Synth Drum

VARIATION SOUNDS

MSB	Prg.	
55	120	Reverse Cymbal
59	120	Bell noise motion
<hr/>		
55	121	Guitar Noise
55	122	Breath Noise
55	123	Seashore
55	124	Bird
55	125	Telephon
55	126	Helicopter
55	127	Applaus
55	128	Gunshot

CLASSIC ORCHESTRA

BANK MSB 62

	FULL Symphonic String Orchestra
01	Dynamic Marcato/Legato fast
02	Dynamic Marcato/Legato
03	Dynamic Marcato/Legato slow
04	Marcato/Legato
05	Marcato piano
	FULL Chamber Ensemble
06	Dynamic Marcato/Legato fast
07	Dynamic Marcato/Legato
08	Dynamic Marcato/Legato slow
09	Marcato/Legato
10	Marcato piano
	Group Ensembles
11	Violins Marcato/Legato fast
12	Violas Marcato/Legato fast
13	Celli Marcato/Legato fast
14	Contra.Bs. Marcato/Legato fast
	Just Piano Samples
15	Violins just piano Layer
16	Violins just piano Layer slow
17	Violas just piano Layer
18	Violas just piano Layer slow
	Articulations
19	Tremolo
20	Full Strings Pizzicato
21	Disco Violins short
22	Disco Violins Fall
23	-
24	-
25	-
26	-
27	-
28	-
29	-
30	-

	Violin Ensemble
31	Marcato
32	Slow Attack
33	Detache
34	Legato
35	Legato up bend - small
36	Legato up bend - medium
37	Legato up bend - more
38	Legato down bend - medium
39	Legato down bend - small
40	Pizzicato
	Viola Ensemble
41	Marcato
42	Slow Attack
43	Detache
44	Legato
45	Legato up bend - small
46	Legato up bend - medium
47	Legato up bend - more
48	Legato down bend - medium
49	Legato down bend - small
50	Pizzicato
	Cello Ensemble
51	Marcato
52	Slow Attack
53	Detache
54	Legato
55	Legato up bend - small
56	Legato up bend - medium
57	Legato up bend - more
58	Legato down bend - medium
59	Legato down bend - small
60	Pizzicato
	Contrabass Ensemble
61	Marcato
62	Slow Attack
63	Detache
64	Legato
65	Legato up bend - small
66	Legato up bend - medium
67	Legato up bend - more
68	Legato down bend - medium
69	Legato down bend - small
70	Pizzicato

CLASSIC ORCHESTRA

BANK MSB 62

	Solo Violin
71	Marcato
72	Slow Attack
73	Detache
74	Legato
75	Legato up bend - small
76	Legato up bend - medium
77	Legato up bend - more
78	Legato down bend - medium
79	Legato down bend - small
80	Pizzicato
	Solo Viola
81	Marcato
82	Slow Attack
83	Detache
84	Legato
85	Legato up bend - small
86	Legato up bend - medium
87	Legato up bend - more
88	Legato down bend - medium
89	Legato down bend - small
90	Pizzicato
	Solo Cello
91	Marcato
92	Slow Attack
93	Detache
94	Legato
95	Legato up bend - small
96	Legato up bend - medium
97	Legato up bend - more
98	Legato down bend - medium
99	Legato down bend - small
100	Pizzicato
	Solo Contrabass
101	Marcato
102	Slow Attack
103	Detache
104	Legato
105	Legato up bend - small
106	Legato up bend - medium
107	Legato up bend - more
108	Legato down bend - medium
109	Legato down bend - small
110	Pizzicato

111	-
112	-
113	-
114	-
115	-
116	-
117	-
118	-
119	-
120	-
121	-
122	-
123	-
124	-
125	-
126	-
127	-
128	-

CLASSIC ORCHESTRA

BANK MSB 63

	Trumpet Ensemble
01	Marcato (velo. spl. piano47/forte48)
02	Marcato Piano
03	Staccato
04	Sforzato
05	Legato up bend - small
06	Legato up bend - medium
07	Legato up bend - more
08	Legato down bend - medium
09	Legato down bend - small
10	-
	Trombone Ensemble
11	Marcato (velo. spl. piano47/forte48)
12	Marcato Piano
13	Staccato
14	Sforzato
15	Legato up bend - small
16	Legato up bend - medium
17	Legato up bend - more
18	Legato down bend - medium
19	Legato down bend - small
20	-
	Horn Ensemble * Note Riff up
21	Marcato (velo. spl. piano47/forte48)
22	Marcato Piano
23	Staccato
24	Sforzato
25	Legato up bend - small
26	Legato up bend - medium
27	Legato up bend - more
28	Legato down bend - medium
29	Legato down bend - small
30	-
	Tuben Ensemble
31	Marcato
32	-
33	-
34	-
35	-
36	-
37	-
38	-
39	-
40	-

	Extras
51	Horn Riff up - Note 60-84
52	-
35	-
54	-
55	-
56	-
57	-
58	-
59	-
60	-

CLASSIC ORCHESTRA

BANK MSB 63

	Bb Trumpet
61	Marcato (velo. spl. piano47/forte48)
62	Marcato Piano
63	Staccato
64	Sforzato
65	Legato up bend - small
66	Legato up bend - medium
67	Legato up bend - more
68	Legato down bend - medium
69	Legato down bend - small
70	-
	Trombone
71	Marcato (velo. spl. piano47/forte48)
72	Marcato Piano
73	Staccato
74	Sforzato
75	Legato up bend - small
76	Legato up bend - medium
77	Legato up bend - more
78	Legato down bend - medium
79	Legato down bend - small
80	-
	Horn
81	Marcato (velo. spl. piano47/forte48)
82	Marcato Piano
83	Staccato
84	Sforzato
85	Legato up bend - small
86	Legato up bend - medium
87	Legato up bend - more
88	Legato down bend - medium
89	Legato down bend - small
90	-
	Tuba
91	Marcato (velo. spl. piano47/forte48)
92	Marcato Piano
93	Staccato
94	Sforzato
95	Legato up bend - small
96	Legato up bend - medium
97	Legato up bend - more
98	Legato down bend - medium
99	Legato down bend - small
100	-

111	-
112	-
113	-
114	-
115	-
116	-
117	-
118	-
119	-
120	-
121	-
122	-
123	-
124	-
125	-
126	-
127	-
128	-

CLASSIC ORCHESTRA

BANK MSB 64

	C-Flute
01	Marcato
02	Slow Attack
03	Detache
04	Legato
05	Legato up bend - small
06	Legato up bend - medium
07	Legato up bend - more
08	Legato down bend - medium
09	Legato down bend - small
10	-
	Bb Clarinet
11	Marcato
12	Slow Attack
13	Detache
14	Legato
15	Legato up bend - small
16	Legato up bend - medium
17	Legato up bend - more
18	Legato down bend - medium
19	Legato down bend - small
20	-
	Oboe
30	Marcato
31	Slow Attack
32	Detache
33	Legato
34	Legato up bend - small
35	Legato up bend - medium
36	Legato up bend - more
37	Legato down bend - medium
38	Legato down bend - small
39	-
	English horn
40	Marcato
41	Slow Attack
42	Detache
43	Legato
44	Legato up bend - small
45	Legato up bend - medium
46	Legato up bend - more
47	Legato down bend - medium
48	Legato down bend - small
49	-

	Bassoon
50	Marcato
51	Slow Attack
52	Detache
53	Legato
54	Legato up bend - small
55	Legato up bend - medium
56	Legato up bend - more
57	Legato down bend - medium
58	Legato down bend - small
59	-
61	-
62	-
63	-
64	-
65	-
66	-
67	-
68	-
69	-
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72	-
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84	-
85	-
86	-
87	-
88	-
89	-
90	-

CLASSIC ORCHESTRA

BANK MSB 64

61	-
62	-
63	-
64	-
65	-
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67	-
68	-
69	-
70	-
71	-
72	-
73	-
74	-
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100	-

111	-
112	-
113	-
114	-
115	-
116	-
117	-
118	-
119	-
120	-
121	-
122	-
123	-
124	-
125	-
126	-
127	Percussion Map / Drumkit 62
128	-



Drumkits are just available on DRUM MODE parts. The MIDI-sysex message „General MIDI reset“ set up MIDI-Channel 10 as DRUM MODE part.

MIDI-Sysex can change any Part DRUM MODE.

DRUM KITS	
1	Drum - General MIDI HQ
2	Drum - General MIDI HQ Pop
9	Drum Hit Kit
17	Studio Kit
25	Drum Electro 80
26	Drum Computer 808/909
27	Drum 909
28	Drum Electro Vintage
29	Drum Dance Kit
31	Drum Dance Kit
32	Drum Dance Kit
33	Drum Jazz Stick Kit
41	Drum Brush Kit
49	Orchestra Kit
62	Orchestra Kit

Nr.	Kit 1	Kit 2	Kit 9	Kit 17	Kit 25	Kit 26	Kit 27	Kit 28	Kit 29	Kit 31	Kit 32	Kit 33	Kit 41	Kit 49	Kit 62
	GM				Electro	808/909	909	analog	2010	2011	Party	Jazz	Brush	Orchestra	Orchestra
3	Stick	~	~	~								~	~	~	
E 4	Snare AY roll ac.	~	Snare MO	~								Snare MO	Snare MO	Snare Orch.	
F 5	Snare AY roll	~	Snare MO	~								Snare MO	Snare MO	Snare Orch.	
6	Brush AY a.short	~		~								~	~	~	
G 7	Brush AY swirl 1	~	~	~								~	~	~	Gran Casa
8	Brush AY swirl 2	~	~	~								~	~	~	Gran Casa
A 9	Brush AY swirl 3	~	~	~								~	~	~	Gran Casa
10	Brush MO open	~	~	~								~	~	~	Gran Casa
11	Brush MO	~	~	~								~	~	~	Gran Casa
C 12	Brush MO	~	~	~								~	~	~	Gran Casa
13	Brush MO o. ac	~	~	~								~	~	~	Gran Casa
D 14	Snare AY	~	~	~								~	~	~	Gran Casa
15	Snare AY	~	~	~								~	~	~	Gran Casa
E 16	Snare AY	~	~	~								~	~	~	Gran Casa
F 17	Rim AY	~	Rim MO	~								Jz. Stick Rim	~	Rim MO	Gran Casa
18	Snare AY	~	Snare MO	~								Jazz Stick Std	~	Snare MO	GC. forte
G 19	Snare AY	~	Snare MO	~								Jz. Stick Rim	~	Rim MO	GC. medium
20	Snare AY	~	Snare MO	~								Jazz Stick Std	~	Snare MO	GC. piano
A 21	Snare AY	~	Snare MO	~											
22	Sn. AY shallow	~	Sn. MO sh	~								Jazz Stich sh	~	Snare MO	
23	Snare Rim shot	~	Sn. MO Rims	~								Jz. Stick Rim	~	Snare MO	Gong
C 24	Snare Rim shall.	~	Sn. MO RiSh	~								Jz. Stick Rsh.	~	Snare MO	
25	Buzzer	~	~	~								~	~	~	
D 26															
27	High Q	~	~	~	~	~	~	~	~	~	~	~	~	~	Closed HH
E 28	Slap	~	~	~	~	~	~	~	~	~	~	~	~	~	Pedal Ped.
F 29	Scratch Push (7)	~	~	~	~	~	~	~	~	~	~	~	~	~	Open HH.
30	Scratch Pull (7)	~	~	~	~	~	~	~	~	~	~	~	~	~	Ride Cymbal
G 31	Sticks	~	~	~	~	~	~	~	~	~	~	~	~	~	
32	Square Click	~	~	~	~	~	~	~	~	~	~	~	~	~	
A 33	Metronom Click	~	~	~	~	~	~	~	~	~	~	~	~	~	
34	Metronom Bell	~	~	~	~	~	~	~	~	~	~	~	~	~	
35	Bass Drum 1	BD POP	BD 3	BD 5	Elec BD 7	909 BD 9	909 BD 11	606 BD 13	Hit BD 15	Hit BD 17	Party BD 19	Jazz BD 21	Jazz BD 21	BD 23	Gran Casa
C 36	Bass Drum 2	BD POP	BD 4	BD 6	Elec BD 8	808 BD 10	909 BD 12	80 BD 14	Hit BD 16	Hit BD 18	Party BD 20	Jazz BD 22	Jazz BD 22	BD Orch.	Gran Casa
37	Rim	~	~	~	Rim 808	808 Rim	909 Rim	606 Rim	909 Rim	909 Rim	909 Rim	Jazz Rim	Sidestick	~	
D 38	Snare 1 AY	Snare Pop	Snare 2 MO	Snare 3 SO	Elec Snare 1	808 Snare 1	909 Snare 2	Snare 80	Hit Snare 1	Hit Snare 3	Party Snare 1	Jazz Snare 1	Brush mp	Snare Orch.	Concert Sn.
39	Clap	~	~	~	Clap 808	808 Clap	909 Clap	Clap 80	Hit Clap	Hit Clap	Hit Clap	~	Brush mf	Castanet	Castanets
E 40	Snare 1 AY	Snare Pop	Snare 2 MO	Snare 3 SO	Elec Snare 2	909 Snare 1	909 Snare 1	Snare 85	Hit Snare 2	Hit Snare 4	Party Snare 2	Jazz Snare 2	Brush swirl	Snare Orch.	Concert Sn.
F 41	Tom Low Low	~	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani	Timpani
42	HiHat closed (0)	~	~	~	HH elec	808 HHat cl.	909 HHat cl.	HHat cl. 85	909 HHat cl.	909 HHat cl.	909 HHat cl.	~	~	Timpani	Timpani
G 43	Tom Low	~	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani	Timpani
44	HiHat Pedal (0)	~	~	~	HH elec	808 HHat P.	909 HHat P.	HHat cl. 85	909 HHat P.	909 HHat P.	909 HHat e.	~	~	Timpani	Timpani
A 45	Tom Medium L.	~	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani	Timpani
46	HiHat open (0)	~	~	~	HH elec	808 HH. op.	909 HH. op.	HHat cl. 85	909 HH. op.	909 HH. op.	909 HH. op.	~	~	Timpani	Timpani
47	Tom Medium	~	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani	Timpani
C 48	Tom High	~	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani	Timpani
49	Crash Cymbal 1	~	~	~	Crash 909	808 Cym	909 Cym	808 Cym	808 Cym	808 Cym	808 Cym	~	~	Timpani	Timpani
D 50	Tom High High	~	~	~	Elec Tom 80	808 Tom	90 Tom	Tom 85	90 Tom	90 Tom	90 Tom	~	Brush Tom	Timpani	Timpani
51	Ride Cymbal 1	~	~	~	Ride 909	808 Tom	Ride 909	Ride 85	Ride 909	Ride 909	Ride 909	~	~	Timpani	Timpani
E 52	China Cymbal	~	~	~	~	~	~	~	~	~	~	~	~	Timpani	Timpani
F 53	Ride Cup	~	~	~	Cup 66	Cup 66	Cup 66	Cup 66	Cup 66	Cup 66	Cup 66	~	~	Timpani	Timpani
54	Tambourin	~	~	~	Tamb. 66	Tamb. 66	Tamb. 77	Tamb. 66	Tamb. 77	Tamb. 77	Tamb. 77	~	~	~	Tamburin
G 55	Splash Cymbal	~	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
56	Cowbell	~	~	~	~	808 Cowbell	808 Cowbell	808 Cowbell	808 Cowbell	808 Cowbell	808 Cowbell	Cowbell Jazz	Cowbell Jazz	~	Concert Cy.
A 57	Crash Cymbal 2	~	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
58	Vibraslap	~	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
59	Ride Cymbal 2	~	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
C 60	Bongo high	~	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
61	Bongo low	~	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
D 62	Conga mute	~	~	~	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	~	~	~	Concert Cy.
63	Conga open	~	~	~	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	~	~	~	Concert Cy.

	Nr.	Kit 1	Kit 2	Kit 9	Kit 17	Kit 25	Kit 26	Kit 27	Kit 28	Kit 29	Kit 31	Kit 32	Kit 33	Kit 41	Kit 49	Kit 62
E	64	Conga low	~	~	~	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	~	~	~	Concert Cy.
F	65	Timbale high	~	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
	66	Timbale low	~	~	~	~	~	~	~	~	~	~	~	~	~	C. Cy. Roll
G	67	Agogo high	~	~	~	~	~	~	~	~	~	~	~	~	~	
	68	Agogo low	~	~	~	~	~	~	~	~	~	~	~	~	~	
A	69	Cabasa	~	~	~	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	~	~	~	
	70	Maracas	~	~	~	Maracas el.	Maracas el.	Maracas el.	Maracas el.	Maracas el.	Maracas el.	Maracas el.	~	~	~	
	71	Whistle (2)	~	~	~	~	~	~	~	~	~	~	~	~	~	
C	72	Whistle (2)	~	~	~	~	~	~	~	~	~	~	~	~	~	Triangle op.
	73	Guiro short (3)	~	~	~	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	~	~	~	Triangle mu.
D	74	Guiro long (3)	~	~	~	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	~	~	~	Triangle roll
	75	Claves	~	~	~	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	~	~	~	
E	76	Woodblock low	~	~	~	~	~	~	~	~	~	~	~	~	~	
F	77	Woodblock hi	~	~	~	~	~	~	~	~	~	~	~	~	~	Wind. dwn.
	78	Cuica mute (4)	~	~	~	~	~	~	~	~	~	~	~	~	~	Wind. up
G	79	Cuica open (4)	~	~	~	~	~	~	~	~	~	~	~	~	~	
	80	Triangle mute(5)	~	~	~	~	~	~	~	~	~	~	~	~	~	
A	81	Triangle open(5)	~	~	~	~	~	~	~	~	~	~	~	~	~	
	82	Shaker	~	~	~	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	~	~	~	
	83	Jingle Bell	~	~	~	~	~	~	~	~	~	~	~	~	~	
C	84	Bell Tree	~	~	~	~	~	~	~	~	~	~	~	~	~	
	85	Castanet	~	~	~	Zap	Zap	Zap	Zap	Zap	Zap	Zap	~	~	~	
D	86	Surdo mute (6)	~	~	~	~	~	~	~	~	~	~	~	~	~	
	87	Surdo open (6)	~	~	~	~	~	~	~	~	~	~	~	~	~	
E	88														Applaus	Applaus
F	89															C. Snare pp
	90	Bass Dr. 1 mp	~	BD 3	BD 5								BD 7	BD 7	~	C. Snare p
G	91	Bass Dr. 1 mf	~	~	~								~	~	~	C. Snare mp
	92	Bass Dr.1 f	~	~	~								~	~	~	C. Snare mf
A	93	Bass Dr. 1 ff	~	~	~								~	~	~	C. Snare f
	94	Bass Dr. 1 mp	~	~	~								~	~	~	C. Snare ff
	95	Bass Dr. 1 mf	~	BD 4	BD 6								BD 8	BD 8	~	C. Snare pp
C	96	Bass Dr. 1 f	~	~	~								~	~	~	C. Snare p
	97	Bass Dr. 1 ff	~	~	~								~	~	~	C. Snare mp
D	98	Hi-Hat Pedal (7)	~	~	~								~	~	~	C. Snare mf
	99	Hi Hat cl. Tip	~	~	~								~	~	~	C. Snare f
E	100	Hi Hat cl. Pearl	~	~	~								~	~	~	C. Snare ff
F	101	Hi Hat cl. Pearl	~	~	~								~	~	~	Snare Roll p
	102	Hi H. cl. Shaft 1	~	~	~								~	~	~	Snare Roll p
G	103	Hi H. cl. Shaft 2	~	~	~								~	~	~	Snare Roll m
	104	Hi Hat med. 1	~	~	~								~	~	~	Snare Roll m
A	105	Hi Hat med. 2	~	~	~								~	~	~	Snare Roll f
	106	Hi Hat Open 1	~	~	~								~	~	~	Snare Roll f
	107	Hi Hat Open 2	~	~	~								~	~	~	Snare Ro.dyn
C	108	Hi Hat Splash	~	~	~								~	~	~	Snare Ro.dyn
	109	Hi Hat Open 3	~	~	~								~	~	~	Snare Ro.dyn
D	110	Ride Pearl	~	~	~								~	~	~	Snare Ro.dyn
	111	Ride Pearl retrig	~	~	~								~	~	~	Snare Ro.dyn
E	112	Ride Cup	~	~	~								~	~	~	Snare Ro.dyn
F	113	Ride Cup retrig.	~	~	~								~	~	~	Opera Gong
	114	Ride Shaft (8)	~	~	~								~	~	~	Opera Gong
G	115	Ride Shaft retrig.	~	~	~								~	~	~	Opera Gong
	116	Ride Chock (8)	~	~	~								~	~	~	Opera Gong
A	117	Cym Crash 1 (9)	~	~	~								~	~	~	Opera Gong
	118	Cym Splash (9)	~	~	~								~	~	~	Opera Gong
	119	Cym Crash 2 (9)	~	~	~								~	~	~	Opera Gong
C	120	Cym Chock (9)	~	~	~								~	~	~	Opera Gong
	121													Brush 1.	Cym. O. s (1)	Opera Gong
D	122													Brush 2.	Cym. O. s	Opera Gong
	123													Brush 3.	Cy. O. m (1)	Opera Gong
E	124													Brush Rm	Cy. O. m	Opera Gong
F	125													Brush metal	Cy. . open(1)	Opera Gong
	126													Brush A	Cy. O. op. (1)	Opera Gong
G	127													Brush B		Intro Tune

V3SOUND - MIDI IMPLEMENTATION

	Recognized	
Basic Default	1 - 16	
Mode	3 poly mode	
Messages		
Note number	* 12-109	* depends on sounds
Velocity Note ON	9nH ₁ y=1-127 o	
Note OFF	9nH ₁ 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: cc99 value 56 + cc98 value 00 + cc06 value 127
Program Change :	0-127	* depends on sound board
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,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



V3SOUND

100 Organs

SOUNDLIST

100 ORGANS

BANK MSB 74

Prg.	HAM B3 Organ
01	776555678 slow
02	776555678 fast
03	800000568 slow
04	800000568 fast
05	008530000 slow
06	008530000 fast
07	800000000 slow
08	800000000 fast
09	807800000 slow
10	807800000 fast
11	804708000 slow
12	804708000 fast
13	800008000 slow
14	800008000 fast
15	800000008 slow
16	800000008 fast
17	687600000 slow
18	687600000 fast
19	880000000 Perc. slow
20	888888888 full
	German Entertainer Organs
21	FL Spezial 1 slow
22	FL Special 1 fast
23	FL Spezial 2 slow
24	FL Special 2 fast
25	KW Full slow
26	KW Full fast
27	DB Perc slow
28	DB Perc fast
29	FL Perc slow
30	FL Perc fast
31	ZR Soft slow
32	ZR Soft fast
33	RD Voll 3 slow
34	RD Voll 3 fast
35	KW DB Musical
36	UK Mersi
37	Organ 1 OAS
38	Organ 2 OAS
39	L100 Vintage
40	L100 Vintage

	Blackpool Theatre Organ
41	Tower Mighty
42	Tower Piston 2
43	Tower Piston 4
44	Tower Piston 5
45	Tower Solo 6 Gt5
46	Tower Solo 6 Gt6
47	Tower Accomp. 1
48	Tower Accomp. 2
49	Tower Tibias 8'+2'
50	Tower Melotone
51	Tower Royale 1
52	Tower Royale 2
53	Tower Krummet+Tibias
54	Tower TibiaVox 8'+4'
55	Tower Straight Ranks
56	Tower Tubas
57	Tower Piston 1
58	Tower Dixon Piston 2
59	Tower Dixon Piston 3
60	Tower Dixon Piston 6
61	Tower Dixon Piston 7
62	Tower Horn
63	Tower Dixon Piston 10
64	Bass Pedals Small
65	Bass Pedals Full
66	Bass Dixon Pedals

100 ORGANS

BANK MSB 74

	Tower & Glocken Reiteration
67	Tower Mighty
68	Tower Piston 2
69	Tower Piston 4
70	Tower Piston 5
71	Tower Solo 6 Gt5
72	Tower Solo 6 Gt6
73	Tower Accomp. 1
74	Tower Accomp. 2
75	Tower Tibias 8'+2'
76	Tower Melotone
77	Tower Royale 1
78	Tower Royale 2
79	Tower Piston 1
80	Tower Dixon Piston 2
81	Tower Dixon Piston 3
82	Tower Dixon Piston 6
83	Tower Dixon Piston 7
84	Tower Horn
85	Tower Dixon Piston 10
	Tower & Glocken Reiteration
86	Tower Mighty
87	Tower Piston 2
88	Tower Piston 4
89	Tower Piston 5
90	Tower Solo 6 Gt5
91	Tower Solo 6 Gt6
92	Tower Accomp. 1
93	Tower Accomp. 2
94	Tower Tibias 8'+2'
95	Tower Melotone
96	Tower Royale 1
97	Tower Royale 2
98	Tower Piston 1
99	Tower Dixon Piston 2
100	Tower Dixon Piston 3
101	Tower Dixon Piston 6
102	Tower Dixon Piston 7
103	Tower Horn
104	Tower Dixon Piston 10

	Tower
105	Glocken single hit
106	Glocken single hit short
107	Glocken Reiteration
108	Xylophon single hit
109	Xylophon Reiteration
110	Xylophon Reiteration and hit
	Classic Organ
111	Classic Organ Tutti
112	Combifunds 8
113	Combiflutes 4
114	Combereeds
115	GOR Montre 8
116	GOR Prestant 4
117	GOR Plein
118	GOR Trumpet 8
119	POS Flute 8
120	POS Celeste
121	POS Nazard
122	POS Octave 2
123	POS Oboe 8
124	PED Flute 16
125	GOR Bass 16
126	-
	Tower SFX
127	Theatre SFX (horn-cymbal-fire...)
	Silence
128	Silence