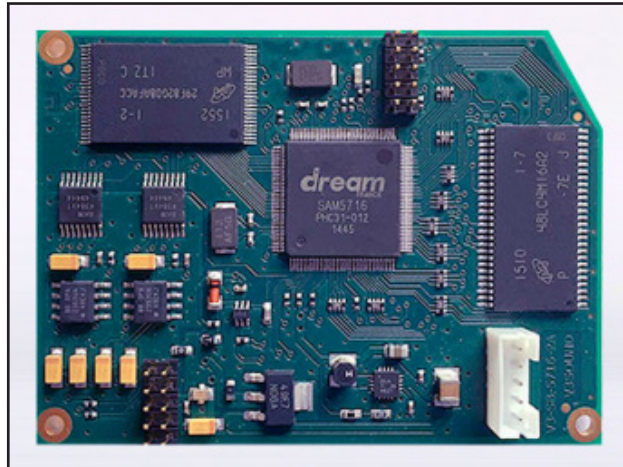


## SOUND BOARD



# SiMPLsound XXL

handbuch  
soundliste  
midi-implementation

## VORSICHTSMASSNAHMEN

### SICHERHEITSHINWEISE



- Lesen Sie die Bedienungsanleitung bevor Sie das Gerät benutzen,
  - lassen Sie keine Flüssigkeiten in das Gerät gelangen,
  - belasten Sie das Gerät nicht mit Gegenständen,
  - hantieren Sie das Netzteil niemals mit nassen Händen,
  - schalten Sie alle angeschlossenen Geräte aus, bevor Sie Verbindungen vornehmen.
- 
- Benützen oder lagern Sie das Gerät nicht wo: Dampf oder Feuchtigkeit herrschen,
  - es extremen Temperaturen ausgesetzt ist (nicht im Transportbus im Winter),
  - es starken Erschütterungen ausgesetzt ist.

### BEHANDLUNG

- Verwenden Sie nur Netzteile.
- Entfernen Sie Kabel nur indem Sie an dem Stecker ziehen, nicht am Kabel.
- Setzen Sie den Netzadapter keinen mechanischen Beanspruchungen aus.

### KUNDENDIENST - FEHLERBEHEBUNG

Unterlassen Sie unsachgemäße Reparaturversuche, da dadurch bleibende Schäden an der Elektronik entstehen können. Darüber hinaus gehen jegliche Garantieansprüche verloren.

### LIEFERZUBEHÖR

Handbuch - Netzgerät

### SPANNUNGSVERSORGUNG

9VDC / 1A

### BETRIEBSTEMPERATURBEREICH

Bereich 10-40 Grad Celsius

### LUFTFEUCHTIGKEIT

max. 80%, nicht kondensierend

## COPYRIGHT

Die Aufnahmen, die in diesem Geräte verwendet werden, sind urheberrechtlich geschützt. Jede Duplizierung, Bearbeitung sowie auch deren Weitergabe an Dritte, in welcher Form auch immer (Audio Sampling CDs, Datenträger mit Einzelklängen, zum Down-load bestimmte Dateien, etc.), ist verboten.

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## SPEZIFIKATIONEN

- Master Volume
- Master Reverb
- 4 GB Flash memory
- 16 MIDI Kanäle
- 4 Audio out (2 stereo)
- Polyphony - 256-stimmig
- Anschluss - Sustainpedal
- Abmessungen: 12cm x 12cm x 6cm
- Gewicht: 0,21kg
- USB Host



The CE certification is available at <http://www.v3sound.com/support/>



This product conforms to the FCC 47 CFR PART 15 SUBPART B

## LEGENDE

HPF	High Pass Filter
120FX	Auf der Notennummer 120 finden Sie verschiedenen Effekt. Alle 24 Schritte erhalten Sie andere Sampels.
120FX <sup>2</sup>	Auf der Notennummer 120 finden Sie verschiedenen Effekt. Alle 10 Schritte erhalten Sie andere Sampels.
(1)	DRUM MAP - Exklusive mode
velo.	Velocity split
Exm	Experimental sounds
Spc	Bellow change overtone spectrum
❖	Note off 2 - ENV time abhängig
◆	Gehäuse und Stimmenresonanz
R	Round Robin - Repetition
BDyn	Balg dynamisches Spektrum
56/57	Controller 56/57 Grundton/Oberton
OCB	Oktaveumbruch
	spezielle Notenanordnung
IAK	Interaktiv - nur 2 Noten erklingen

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## GENERAL MIDI

## 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

## 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

## SPEZIELLE STYLE SOUNDS

MSB BANK 5	
1	Grand Piano
2	Bright Piano
5	E-Piano Tines
6	E-Piano FM
7	Harpsichord
8	Clavinet
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
26	Acoustic Steel
27	Jazz Guitar
28	Guitar clean
29	Guitar mute clean
30	Overdrive Guitar
31	Distortion Guitar
49	String Ensemble 1
50	String Ensemble 2
51	Synth Strings 1
52	Synth Strings 2
56	Orchestra Hit
57	Trumpet
58	Trombone
59	Tuba
61	Horn
62	Brass Section
66	Alto Sax
67	Tenor Sax
68	Bariton Sax
72	Clarinet Vibrato
81	Square Lead
82	Saw Lead
83	Calliope
90	Warm Pad
91	Polysynth

92	Choir pad
93	Bowed
94	Metallic
95	Halo pad
97	Rain
98	Soundtrack 5th
99	Crystal
101	Brightness
102	Goblins
104	Sci-fi Star
113	Tinkle Bell
115	Steel Drums
122	Breath
MSB BANK 7	
1	All Bars - B3 - slow
2	Percussive - B3
3	Organ Klaus W.
4	Rock Organ B3
5	Vintage M100
6	All Bars H100
7	Dance minimal
8	Combo Organ
9	Rock Organ + click
100	OR Perc 3
101	OR Perc 2
120	OR Key click
MSB BANK 8	
1	French 8/8´ A
2	French 8/8´ B
3	Musette 888´
4	Jazz accordion 16´ A
5	Jazz accordion 16´ B
6	Jazz accordion 16´ C
7	Alpin Musette 8/8/8´
8	Tango 4/16´ A
9	Tango 4/16´ B
10	Tango 4/16´ C
11	Accordion reed 8´ A
12	Accordion reed 8´ B
13	Accordion reed 8´ C
14	Accordion reed 4´
15	Accordion 4/8/16
16	Accordion reed 8´

MSB BANK 9	
1	Jazz Bass - 3 velo.
4	Jazz Bass - hard
7	Jazz Bass - medium
10	Jazz Bass - soft
27	Jazz Bass - ghost note
32	Jazz Bass - fret noise
33	Jazz Bass - effect
41	E-Bass fingered
67	E-Bass fingered - ghost
72	E-Bass fingered - FX -
81	E-Bass Vintage - flat
121	E-Bass - picked
122	E-Bass - fretless
123	E-Bass - Slap
126	Jazz Bass - Finger noi
127	Jazz Bass - Slap noise
MSB BANK 10	
10	Nylon Guitar soft
12	Nylon Guitar Variation
31	Nylon Guitar FX stroke
32	Nylon Guitar FX fret
33	Nylon Guitar FX perc.
41	Acoustic Steel A
42	Acoustic Steel B
43	Acoustic Steel C
50	Acoustic Steel soft A
51	Acoustic Steel soft B
52	Acoustic Steel soft C
61	Acoustic Steel mute A
62	Acoustic Steel mute B
67	Acoustic Steel ghost
70	Acoustic Steel FX one
71	Acoustic Steel FXstrok.
72	Acoustic Steel FX fret
73	Acoustic Steel FX perc.
121	Jazz Guitar
MSB BANK 11	
1	E-Guitar clean
10	EG clean soft
21	EG clean mute A
22	EG clean mute B
23	EG clean mute C

## SPEZIELLE STYLE SOUNDS

24	EG clean mute 2 A
25	EG clean mute 2 B
26	EG clean mute 2 C
27	EG clean ghost note
30	EG clean FX stroke
32	EG clean FX fret
121	EG clean HPF
MSB BANK 12	
1	D. Guitar
3	D. Guitar var.
21	D. Guitar mute A
22	D. Guitar mute B
23	D. Guitar mute C
29	D. Guitar Feed.
30	D. Git. FXstroke
32	D. Guitar FX fret
40	D. Riff FX
41	Ov. Guitar
43	Ov. Guitar var.
61	Ov. Guitar mute A
62	Ov. Guitar mute B
63	Ov. Guitar mute C
69	Ov. Guitar Feedback
70	Ov. Git. FXstroke
72	Ov. Guitar FX fret
80	Ov. Riff FX
MSB BANK 23	
1	SQ Lead 1
2	Lead Analog 1
3	TB303 Lead
4	Saw JP8
5	MiniMoo1
6	Hook Lead1
7	HookLead CS8
8	Hook Lead 2
9	M-Synth Rezo
10	M-Synthz
11	Bass & Lead 2
12	FM Plunk
13	FM Brass
14	La Boum+
15	La Boum
16	Pad 200

17	Pad 300
18	Pad 300 mono
19	Pad 302 HPF
20	Polysynth
21	Pad Juno
22	DX Brass
23	DX Prass HPF
25	FX Bello
26	AtmoBell
27	Atmoness
28	PWS stereo
29	PWS mono
30	SYX 1 Bell
31	SYX 2 Bell
35	Arpegy FM
36	Arpegyko
38	Arpeg SY
39	Arpeg TEK
40	Overhome
41	Bellave stereo
42	Bellave mono
43	PX Bells
44	FM Bells
45	Analog Bell
46	Modular 55
47	Bright - mono
51	Lovesynth
52	Bright 8
53	Bright O
54	Bright F
55	Beauty 7
56	Beauty F
57	Bell Hit
58	Bell Spectra
60	Electronic Steel Drums
62	Strings High
63	Strings ENV
64	Hit major chord
65	Hit major chord HPF
66	Hit minor chord
67	Hit minor chord HPF
68	Cloudy
69	Stryngs

70	Fantasy mono
71	Matrix 12 stereo
72	Matrix 12 mono
100	E-Cymbal A
101	E-Cymbal 8
102	E-Cymbal 9
103	E-Cymbal 6
104	E-Cymbal Y
105	E-Rim 808
106	E-Snare
107	E-Cowbell 808
108	Zappy
109	Tuned Bongo
110	E-Tom 808
111	E-Tom 909
112	E-Tom 888
113	E-Tom SQ80
114	E-Tom SDS7
115	E-Tom TED
116	E-Tom 80
117	FX Flight up
118	FX Flight down
119	FX Claps reverse
120	FX Cymbal roll
121	FX Noise down
122	FX Flight high
MSB BANK 28	
1	SYB BASIC
2	SYB Muug
3	SYB Puls
4	SYB Rezo
5	SYB Sub
6	SYB JP8
7	SYB CS8
8	SYB Dance
9	SYB 2nd Beat
MSB BANK 48	
Manual Drums	
Mapping Prg. 73-123	
Siehe Seite xxx	
Mapping Prg. 124-127	
Siehe Seite xxx	

Die Sound Bank 55 bietet die gleichen Sounds wie GM Sound Bank 0. Alle Sounds haben jedoch mehr Lautstärke und die Sound verwenden OSC überlappend. Alle Sounds in dieser Soundbank benötigen mehr Polyphonie als in Bank 0. Verwenden Sie für die LIVE gespielten Parts immer Sounds aus dieser Bank an Stelle von 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

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
115	Steel Drums

## PIANO

MSB 56

01	Grand Piano (Pedal)
04	Classic Grand
06	Rock Grand
07	Rock Bright Piano

Die folgenden Sounds wurde für eine natürliche Akkordfolge erstellt. Bei einem MIDI-Akkordeon klingen normalerweise alle 3 Noten, die durch drücken einer Akkordtaste ausgegeben werden, innerhalb von 1 ms. Bei langsamen Stücken ist es angenehmer, wenn diese Noten nicht so genau klingen. In den folgenden Programmen werden die 3 eingehenden Noten leicht von unten nach oben verzögert.

## PIANO CHORD MSB 56

	<b>für die Umkehrung G - C - E</b>
102	Zone tiefer als Note C1-60 delay 0 ms Zone um die Note C1-60 delay 30 ms Zone um die Note E1-64 delay 50 ms
	<b>für die Umkehrung C - E - G</b>
104	Zone tiefer als Note E1-64 delay 0 ms Zone um die Note E1-64 delay 10 ms Zone um die Note G1-64 delay 20 ms
	<b>Zufallsausgabe der Noten</b>
109	nur ein paar Noten spielen - Random B

## ORGEL

MSB 58

01	Or. 776555678 slow
02	Or. 776555678 fast
03	Or. 800000568 slow
04	Or. 800000568 fast
05	Or. 008530000 slow
06	Or. 008530000 fast
07	Or. 800000000 slow
08	Or. 800000000 fast
09	Or.807800000 slow
10	Or.807800000 fast
11	Or.804708000 slow
12	Or.804708000 fast
13	Or.800008000 slow
14	Or.800008000 fast
15	Or.800000008 slow
16	Or.800000008 fast
17	Or.687600000 slow
18	Or.687600000 fast
19	Or.888000000 Perc
20	Or.Hamm full
21	Or.CD-DB slow
22	Or.CD-DB fast
23	Or.CD-FL slow
24	Or.CD-FL fast
25	Or.KW full slow
26	Or.KW full fast
27	Or.KW perc slow
28	Or.KW perc fast
29	Or.FL perc slow
30	Or.FL perc fast
31	Or.ZR soft slow
32	Or.ZR soft fast
33	Or.Klaus W. slow
34	Or.Klaus W. fast
35	Or.Klaus Musical
36	Or.Versinum
37	Or.German A
38	Or.German B
39	Or.L100 A
40	Or.L100 B

41	Or.Tower Mighty
59	Or.T. Pedals Dixon
60	Or.C3 Full
61	Or. Rock Organ
62	Or.Pipe Tutti 1
63	Or.Pipe Tutti 2
64	Or.Pipe Flutes
65	Or.Cordovox A
66	Or.Cordovox B
67	Or.Cordovox C
68	Or.Cordovox D
69	Or.Cordovox E
70	Or.Vox4 A
71	Or.Vox4 B
72	Or.Vox4 C
101	Or.Glocken
102	Or.Glocken short
103	Or.Glocken Reiteration
104	Or.Xylophon Hit
105	Or.Xylo Reiter A & Hit
106	Or.Xylo Reiter B
128	Or. Tower FX

**AKKORDEON** MSB 59

01	Harmonica
02	Acc. French Musette
04	Acc. French 4888
06	Acc. Celeste
08	Acc. Tango 8/16
10	Acc. Cav. Celeste
16	Acc. Super VI
17	Acc. Bassoon
18	Acc. Belgium Musette
19	Acc. Musette++
20	Melodeon 8
21	Melodeon 88
22	Melodeon 88+
23	Melodeon 88++
24	Melodeon 888
25	Melodeon 888+
26	Melodeon 888++
27	Melodeon 888B
28	Melodeon 8888
30	Accordina
31	Scottisch Accordion Gola
35	Scottish Acc. J.Shand
39	Accordion Irish 8
40	Accordion Irish 4816
43	Accordion Irish 88
44	Accordion Irish 88+
45	Accordion Irish 88++
46	Accordion Irish 88+++
61	Accordion Reed 4
64	Bandoneon
65	Schwyzer Örgeli III
66	Schwyzer Örgeli II
81	Harmonica Slide
82	Harmonica Vibrato
123	Accordion Attack noise

**GITARRE** MSB 60

01	Guitar Nylon
02	Guitar Nylon soft
03	Guitar Nylon Octave
04	Guitar Steel 1
05	Guitar Steel 1 soft
06	Guitar Steel 1 hard
09	Guitar Steel 2
10	Guitar Steel 2 soft
11	Banjo
12	Ens. Mandolins Tremolo
13	Ens. Mandolins Tremolo+
14	Ens. Mandolins
15	Git. Jazz 1
16	Git. Jazz 2
17	Git. Jazz & Octave
18	Pedal Steel Vib.
19	Pedal Steel
20	Pedal Steel bowed
25	Git. Nylon Zupf & note off
26	Git. Nylon Zupf
27	Git. clean
36	Git. Rhythm 1
37	Git. Rhythm 2
64	Guitar Nylon SL116
65	Guitar Steel SL116
66	Banjo SL 116
67	Guitar Pedal Steel SL 116
72	Mandolinen Tremolo SP 116

**BASS** MSB 61

12	Jazzbass Random FX Attack 106
13	Jazzbass Random FX Attack 106 & off
14	Jazzbass Random FX & Attack
15	Jazzbass Random FX & Attack & off
16	Jazzbass Random FX Attack 120
17	Jazzbass Random FX Attack 120 & off
18	Jazzbass Finger noise
19	Jazzbass

**STRINGS** MSB 62

01	Violin Solo
02	Viola Solo
03	Cello Solo
04	Contrabass Solo
05	Full Strings Tremolo
06	Full Strings pizzicato
07	Strings Chamber
08	Full Strings dynamic
09	Full Strings fast
10	Full Strings forte
11	Full Strings piano
12	Full Strings HP
13	Full Strings 2
14	Full Strings 2 fast
15	Full Strings 2 Filter
16	Full Strings 2 LFO
17	Full Strings 2+
18	Full Strings 2 sp.
19	Full Strings special detache
20	Fiddle soft
21	Fiddle
22	Zillertal Geige
23	Zillertal Geige+ Arco
24	Zillertal Geige legato
25	Zillertal Geige legato up
26	Zillertal Geige legato down
27	Violin Ensemble Disco short
28	Violin Ensemble Disco fall
48	Synth. Strings PWM
49	Synth. Strings PWM+
50	Synth. Strings PWM up
51	Synth. Strings FWM
52	Synth. Strings MKS
53	Synth. Strings MKS+
54	Synth. Strings MKS24 Filter
55	Synth. Strings MKS24+
56	Retro Strings
57	Retro Stringman
64	Fiddle SL116
65	Zillertal Geige SL116

**BRASS** MSB 63

01	Cornet
02	Cornet soft
03	Cornet hard
04	Cornet legato up
05	Trumpet Vibrato
06	Trombone
07	Trombone Vibrato
08	Trombone Mute
09	Trp. Miles mute
10	Trp. Miles mute AV
11	French horn
12	F-Horn
13	Trumpet Section
14	Trumpet Section forte
15	Trumpet Section piano
18	Trumpet Solo Vib
19	Trumpet Solo Vib Sfz
20	Trumpet Solo noVib
21	Trombone Section
22	Trombone Section +
23	Trombone Section forte
24	Trombone Section piano
27	Trp. Ivan
28	Trp. Ivan Repetition
29	Trp. Ivan 1/4
30	Trp. Ivan 1/4 repetition
31	Trp. Ivan staccato
32	Trumpet Dixie
33	Trumpet Dixie soft
34	Flügelhorn
37	Trumpet Damper
38	Tenorhorn Vibrato
43	Tuba Jon
44	Tuba Jon soft
45	Tubas
64	Cornet SL116
65	Trumpet Dixie SL116
66	Trumpets SP116

## SAX

MSB 64

01	Sax Sopran
02	Sax Sopran soft
03	Sax Sopran hard
04	Sax Sopran noisy
05	Sax Alto
06	Sax Alto soft
07	Sax Alto hard
08	Sax Alto noisy
09	Sax Tenor 1 Jazz Vibrato smooth
10	Sax Tenor 2
11	Sax Tenor 2 soft
12	Sax Tenor 2 hard
13	Sax Tenor 2 noisy
14	Sax Tenor 2 piano
15	Sax Bariton
16	Sax Sopran Carlo
17	Sax Section Tenor 1
18	Sax Section Tenor 2
23	Sax Tenor Funk
24	Sax Tenor Growl
25	Jazz Tenor accent velo 116
26	Jazz Tenor accent velo 64
27	Jazz Tenor piano only
28	Jazz Tenor piano only - no noise
29	Jazz Tenor piano only - Vibrato direct
30	Noise only
31	Tenor - Slide 116
32	Tenor piano only - Slide 116
64	Sax Sopran SL116
65	Sax Alto SL116
66	Sax Tenor SL116
67	Sax Tenor Funky SP116 Growl

## WOODWINDS MSB 65

01	Oboe
02	Englishhorn
03	Bassoon
04	Clarinet
05	Clarinet noisy
06	Piccolo
07	Flute
08	Flute EQ
09	Flute HP
10	High Whistle
11	High Whistle AV
12	Low Whistle
13	Whistle
14	Panflute
15	Bottle
16	Bottle soft
17	Bottle Q
18	Bottle LFO
19	Shakuhachi
20	Whistle GS
21	Ocarina
22	Clarinet Carlo
23	Clarinet Carlo EQ
24	Clarinet Vito
25	Clarinet Vito velo.
26	Clarinet Vito staccato
27	Clarinet Vito staccato velo.
36	Clarinet Hugo
37	Clarinet Hugo legato
38	Clarinet Hugo - Slide 116 fast
39	Clarinet Hugo - Slide 116 slow
64	Clarinet SL116
65	High Whistle SL116
66	Low Whistle SL116

## SYNTH

MSB 66

37	TX816 Bells
38	DX1 Toy Bell
39	DX1 Toy Bell+
40	Softpad
41	Softpad+
42	Synth OBX
43	Synth OBX soft
44	Synth OBX warm
45	Synth OBX ENV
60	Crystal Bell
61	Crystal Bell HPF
62	Crystal Bell & off
71	Bell Hit
78	JX Bell
79	JX Barimba
83	Brass
84	OBX Strings LP
85	OBX Strings BP
86	OBX Strings HP
87	OBX Bell HP
88	OBX Bell LP
89	M12 Brass
90	M12 Brass ENV
91	MBells
92	M5 Bells
94	SynBim
95	Pad LP
96	Pad Notch
97	Pad HP

## ETHNO

MSB 67

01	Bag Pipe
02	Bag Pipe AV
03	Bag Pipe Drone
04	Ullian Pipe
05	Ullian Pipe AV
06	Ullian Pipe Drone
07	Pipers
08	Pipers Drone
09	Dulcimer 5 strings
10	Dulcimer 5 strings+
11	Dulcimer 5 strings Tremolo
12	Dulcimer 5 strings bowed
13	Alphorn
14	Alphorn Duo
15	Alphorn Trio
16	Alphorn Trio+
17	Alphorn Trio tune
18	Schellen Hit
19	Schellen Hit & Roll
20	Schellen Roll
21	Harp
22	Harp+
29	Sitar
30	Shamisen
31	Koto
32	Shanai
64	Bag Pipe SL116
65	Ullian Pipe SL116
72	Orchestra Hit Major
73	Orchestra Hit Minor
120	Erwin Jodler
121	Freddy Pfister
123	Plattler Geräusche
125	Cymbal Jazz Repetition



01	Choir Classic Aah
02	Choir Pop Ooh
03	Choir Pop Ooh Q
04	Choir Pop Filter
05	Choir Doo
06	Choir Ooh+
07	Choir Doo+
08	Synth Vox
09	Synth Vox
10	Synth Vox pad
11	Synth Vox soft
12	Synth Vox 2
13	Synth Vox 2
14	Synth Vox up
15	Solo Voice



## ALPIN AKKORDEONS

## BANK MSB 80

Prg.	MORINO VM	N-off	Dyn.
01	VM Vintage 888	❖	
02	VM Vintage 88816	◆	
03	VM Vintage 4888	◆	
04	VM Vintage 488816	◆	
05	VM Vintage 888	◆	BDyn
06	VM Vintage 88816	◆	BDyn
07	VM Vintage 4888	◆	BDyn
08	VM Vintage 488816	◆	BDyn
09	VM Vintage 888	◆	56/57
10	VM Vintage 888		
ALPENGOLD Krainer V			
11	Krainer 888	❖	
12	Krainer 88816	◆	
13	Krainer 4888	◆	
14	Krainer 488816	◆	
15	Krainer 888	◆	BDyn
16	Krainer 88816	◆	BDyn
17	Krainer 4888	◆	BDyn
18	Krainer 488816	◆	BDyn
19	Krainer 888	◆	56/57
20	Krainer 888		
HOHNER ALPINA IV			
21	Alpina o.V. 888	❖	
22	Alpina o.V. 88816	◆	
23	Alpina o.V. 4888	◆	
24	Alpina o.V. 488816	◆	
25	Alpina o.V. 888	◆	BDyn
26	Alpina o.V. 88816	◆	BDyn
27	Alpina o.V. 4888	◆	BDyn
28	Alpina o.V. 488816	◆	BDyn
29	Alpina o.V. 888	◆	56/57
30	Alpina o.V. 888		

ZUPAN Juwel			
51	Juwel 88	◆	
52	Juwel 8816	◆	
53	Juwel 488	◆	
54	Juwel 48816	◆	
55	Juwel 88	◆	BDyn
56	Juwel 8816	◆	BDyn
57	Juwel 488	◆	BDyn
58	Juwel 48816	◆	BDyn
59	Juwel 88	◆	56/57
60	Juwel 88		
BUGARI			
61	BUGARI 16	◆	
62	BUGARI 16		
63	BUGARI 416	◆	
64	BUGARI 816	◆	
65	ZUPAN 8	◆	
66	ZUPAN 8	◆	BDyn
67	ZUPAN 8	◆	56/57
68	SCANDALLI 416	◆	
69	SCANDALLI 816	◆	
70	SCANDALLI 816	◆	BDyn

**BDyn**

*Diese Soundvarianten wurden für eine Anwendung mit Balgdynamik (Expression 11) entwickelt. Je fester Sie ziehen, um so heller wird das Obertonspektrum. Verwenden Sie diese Programme nur, wenn Sie mit voller Balgdynamik spielen!*

**56/57**

*Diese Soundvariante wurde für MIDI-File Programmierer entwickelt. Mit den MIDI-Controllern 56 und 57 regeln Sie das Verhältnis zwischen Basis und Obertonspektrum.*

## STEIRISCHE HARMONIKA

## BANK MSB 80

Prg.	Volksmusik 2-chörig	N-off	Dyn.
71	STH 2-Reeds	◆	
72	STH 2-Reeds	◆	BDyn
73	STH 2-Reeds	◆	56/57
74	STH 2-Reeds		
ZUPAN Juwel			
79	Zupan Juwel	◆	
80	Zupan Juwel	◆	BDyn
81	Zupan Juwel	◆	56/57
82	Zupan Juwel		
83	Zupan Juwel soft	◆	
84	Zupan Juwel soft	◆	BDyn
85	Zupan Juwel soft	◆	56/57
86	Zupan Juwel soft		
Posch			
87	K-Posch I	◆	
88	K-Posch I	◆	BDyn
89	K-Posch I	◆	56/57
90	K-Posch I		
91	K-Posch I soft	◆	
92	K-Posch I soft	◆	BDyn
93	K-Posch I soft	◆	56/57
94	K-Posch I soft		
St. Leonhard			
95	M-St. Leonhard	◆	
96	M-St. Leonhard	◆	BDyn
97	M-St. Leonhard	◆	56/57
98	M-St. Leonhard		

**Notenbereich**

*Akkordeon Bass / Note 33-47  
Akkorde / Note 60-71*

Prg.	Akkordeon Bass	N-off	Dyn.
100	VI Bass	◆	
101	Bass	◆	
102	Bass 16	◆	
103	Bass 8	◆	
104	Bass 4	◆	
105	Bass 2	◆	
106	Bass 16+8	◆	
107	Bass 16+8+4	◆	
108	VI Bass + BUG Bass 16	◆	
Akkordeon Akkord			
109	VI Chord (OCB)	◆	
110	4	◆	
111	8	◆	
112	4+8	◆	
113	2+4	◆	
Steirische			
114	Steirische Bass		
115	Steirische Bass 2		
116	Steir. Akk. 60-71 (OCB)		
121	Helikon & Note Off	◆	
123	Helikon	◆	
Effekte			
123	Key OFF		
124	Attack Layer linear		
125	Attack Layer concave		
126	Attack Layer con. offset 50		
128	Silence - kein Ton		

## Legend

❖	Note off 2 - ENV time abhängig
◆	Gehäuse und Stimmenresonanz
R	Round Robin - Repetition
BDyn	Balg dynamisches Spektrum
56/57	Controller 56/57 Grundton/Oberton
OCB	Oktaveumbruch
☒	spezielle Notenanordnung
IAK	Interaktiv - nur 2 Noten erklingen

## BLECH SOLO

## BANK MSB 81

Prg.	TROMPETE	N-off	R
01	Trompete Ivan Presern	◆	◆
02	Trompete Ivan Presern	◆	
03	Trompete Ivan P. 1/4tel Note		◆
04	Trompete Ivan P. 1/4tel Note		
05	Trompete Ivan Presern Staccato		
06			
07	Trompete Mic 1	◆	◆
08	Trompete Mic 2	◆	◆
09			
10			
BRASS			
11	Trompeten Ensemble Stereo LP	◆	◆
12	Trompeten Ensemble Stereo HP	◆	◆
13	Trompeten Ensemble Stereo NOT	◆	◆
14			
15	Flügelhorn Ivan Presern	◆	◆
16			
17			
18			
19	Trompete Dämpfer		
20			
BARITON S. MATTLSCHEWIGER			
21	Sepp Akzent fast Attack	◆	◆
22	Sepp Akzent	◆	◆
23	Sepp Vibrato	◆	◆
24	Sepp Staccato mezzo	◆	◆
25	Sepp Staccato forte		◆
26			
27			
28			
29			
30			
BARITON ALEN OJCINGER			
31	Alen Akzent	◆	◆
32			
33	Alen Vibrato	◆	◆
34	Alen Staccato		◆
35			
36	Alen Portamento up	◆	
BARITON JANEZ PER 2018			
		N-off	R
41	Janez Akzent	◆	◆
42		◆	◆
43	Janez Vibrato	◆	
44	Janez Staccato mezzo		◆

BASSPOSAUNE			
51	Global Bass Vibrato	◆	◆
52	Global Bass Staccato		◆
53			
54			
55	Tenorhorn Vibrato	◆	◆
56			
57	Tenorhorn 2		
58	Tenorhörner		
59	French horn		
60			
KLARINETTE			
61	Martin Zagrajsek Vibrato		◆
62	Martin Zagrajsek soft		◆
63	Martin Zagrajsek Slide - velo. 116		◆
64			
65			
66	Vito Muzenic Vibrato		◆
67	Vito Muzenic Vibrato		
68	Vito Muzenic Staccato		◆
69	Vito Muzenic Staccato		
70	Ensemble Clarinets		
SAITENINSTRUMENTE			
71	Hackbrett 4-strings		◆
72	Hackbrett 4-strings mit Ausklang		◆
73	Hackbrett 4-str. - IAK Duett Low		⊗
74	Hackbrett 4-str. - IAK Duett High		⊗
77	Zither	◆	◆
GITARREN			
81	Nylon Zupfgitarre	✧	
82	Nylon Zupfgitarre		
83	Rhythm Git. Rhythmus		
84	Rhythm Git. Rhythmus +		
85	Jazz Gitarre Castello		
86			
87	Jazz Gitarre Micro		◆
88	Jazz Gitarre Amp		
89	Jazz Gitarre - CP - Micro		
90	Jazz Gitarre - CP - Amp		
HARFE			
91	Harfe		
92	Harfe mit Ausklang		
93	Harfe Arpeggio		⊗
GEIGE			
111	Geige Vibrato	◆	◆
112	Geige Slide - velocity 116	◆	◆
MAULTROMMEL			
127	Maultrommel - OCB		◆

## SAITEN &amp; SYNTH BÄSSE

## BANK MSB 82

Prg.	E-BASS USA	N-off	R
01	E-Bass USA		
02	E-Bass USA	◆	
03	E-Bass USA EQ1		
04	E-Bass USA EQ1	◆	
05	E-Bass USA EQ2		
06	E-Bass USA EQ2	◆	
09	E-Bass USA EQ3		
10	E-Bass USA EQ3	◆	
E-BASS UK			
13	E-Bass UK		
14	E-Bass UK	◆	
E-BASS PICK			
17	E-Bass PICK		
18	E-Bass PICK	◆	
21	E-Bass PICK EQ		
22	E-Bass PICK EQ	◆	
E-BASS FLAT STRINGS			
25	E-Bass FLAT		
26	E-Bass FLAT	◆	
27	E-Bass FLAT EQ		
28	E-Bass FLAT EQ	◆	
37	E-Bass HQ260		
38	E-Bass HQ260		
KONTRABASS T. MIHELIC			
51	Kontrabass T. Mihelic & Atk.		
52	Kontrabass T. Mihelic & Atk.		
53	Kontrabass T. Mihelic		
54	Kontrabass T. Mihelic Release		
KONTRABASS 2			
57	Kontrabass 2		
58	Kontrabass 2		
KONTRABASS 3			
61	Kontrabass 3		
62	Kontrabass 3 Ausklang		
63	Kontrabass 3 soft Attack		
64	Kontrabass 3 soft Attack Ausklang		
KONTRABASS KURZ GESTRICHEN			
71	Kontrabass kurz gestrichen		
72	KB kurz gestrichen - Ausklang		
73	KB kurz gestrichen - Ausklang +		
74	KB kurz gestrichen - Ausklang ++		

Prg.	SYNTH BASS	N-off	R
81	DX100 Zillertal kurz		
82	DX100 Zillertal		
83	DX100 Zillertal Reso		
84	DX100 Zillertal HighPass		
SYNTH BASS			
86	CS25 Freddy Bass kurz original		
87	CS25 Freddy Bass original		
88	CS25 Freddy Bass Reso original		
89	CS25 Freddy Bass HighPass orig.		
SYNTH BASS			
91	CS01 kurz		
92	CS01		
93	CS01 Reso		
SYNTH BASS			
95	Zillertal 3 kurz		
96	Zillertal 3		
97	Zillertal 3b		
SYNTH BASS			
98	CS01 kurz		
99	CS01		
SYNTH BASS			
100	CS25 Freddy Bass kurz bearbeitet		
101	CS25 Freddy Bass bearbeitet		



## Spielbereich der Bässe

Die Note 28 entspricht dem tiefsten Ton vom Kontrabass.

Prg.	SEPP MATTLSCSWAIGER	N-off	R
01	Sepp Akzent	◆	◆
02			
03	Sepp Vibrato	◆	◆
04	Sepp Staccato mezzo		◆
05	Sepp Staccato forte		◆
06	EQ1 Sepp Akzent	◆	◆
07			
08	EQ1 Sepp Vibrato	◆	◆
09	EQ1 Sepp Staccato mezzo		◆
10	EQ1 Sepp Staccato forte		◆
<b>BARITON ALEN OJCINGER</b>			
16	Alen Akzent	◆	◆
17			
18	Alen Vibrato	◆	◆
19	Alen Staccato		◆
20			
<b>BARITON JANEZ PER 2018</b>			
31	Janez Akzent	◆	◆
32			
33	Janez Vibrato	◆	◆
34	Janez Staccato		
35			
36	EQ1 Janez Akzent	◆	◆
37			
38	EQ1 Janez Vibrato lang	◆	◆
39	EQ1 Janez Staccato		
40			

Prg.	BASSPOSAUNE	N-off	R
41	Global Bass Vibrato	◆	◆
42	Global Bass Staccato		◆
43	EQ1 Global Bass Vibrato	◆	◆
44	EQ1 Global Bass Staccato		◆
45			
46			
47			
48			
49	Soli Bariton horn - Vintage		
50			
<b>TUBAS</b>			
51	Jon Sass Solo Tuba	◆	
52	Jon Sass Solo Tuba soft	◆	
53			
54			
55			
56	Ensemble Tuben	◆	
127	Alen Riff up Effekt		
<b>ZILLERTALER SYNTHBÄSSE</b>			
81	Synthbass DX100 kurz		
82	Synthbass DX100		
83	Synthbass DX100 Reso		
84	Synthbass DX100 HP		
86	Synthbass CE25 kurz original		
87	Synthbass CE25 original		
88	Synthbass CE25 Reso original		
89	Synthbass CE25 HP original		
91	Synthbass CS01 kurz		
92	Synthbass CS01		
93	Synthbass CS01 Reso		
94	Synthbass Z3 kurz		
96	Synthbass Z3		
97	Synthbass Z3 long		
98	Synthbass CE25 kurz EDIT		
99	Synthbass CE25 EDIT		

## BANK 84 AKKORDGITARRE

In den folgenden Soundbänken befinden sich Gitarrenaufnahmen der Akkorde:  
**DUR - MOLL - DOM. SEPT - VERMINDERT.**

Die Gitarren stehen in drei Schlagvarianten zur Verfügung:  
**KURZ - MEDIUM - LANG.**

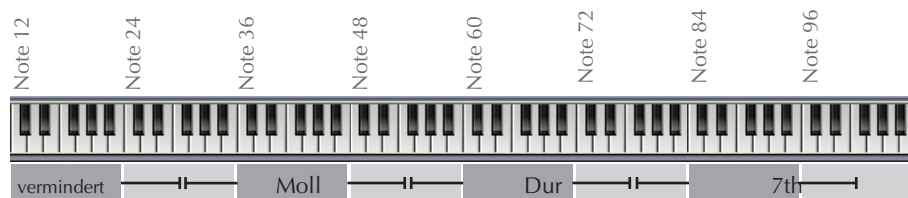
**Wenn Sie eine Taste drücken, erklingt ein kompletter Akkord.**

Wenn Sie die Akkordtaste C-Dur an Ihrem MIDI-Akkordeon drücken, werden drei Noten von Ihrem MIDI-System ausgegeben - C, E, G. Diese drei Noten sind zur Simulation einer Gitarre allerdings wenig geeignet, da

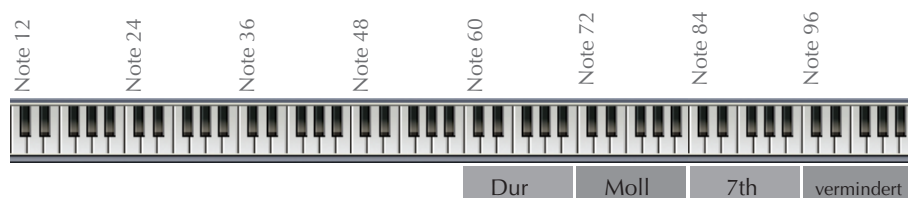
1. nur 3 Saiten erklingen (zu wenig Töne),
2. zudem in der falschen Tonlage - Akkorde werden auf der Gitarre ganz anders gegriffen als am Piano.

**Die Verwendung originaler Gitarrengriffaufnahmen ermöglicht es, den Klang einer Rhythmusgitarre besser zu simulieren.**

### Schema Akkordverteilung Layout „A“ (transponierbar) BANK 84



### Schema Akkordverteilung Layout BANK 85



## AKKORDGITARREN

## BANK MSB 84

Prg.	NYLON GITARRE - SABRINA KLOTZ		
01	Git. Polka		◆
02			
03	Git. Walzer		◆
04	Git.		◆
OBERKRAINER GIT. RENATO VERLIC			
16	Git. - Mikro Polka		◆
17			
18	Git. - Mikro Walzer		◆
19	Git. - Mikro		◆
JAZZ GITARRE EDI KÖHLDORFER			
31	Git.- Jazz Amp Polka		◆
32			
33	Git.- Jazz Amp Walzer		◆
34	Git.- Jazz Amp		
OB-GITARRE GERHHARD KOMETER			
35	Git.- Jazz Mikro Polka		◆
36			
37	Git.- Jazz Mikro Walzer		◆
38	Git.- Jazz Mikro		
ARPEGGIO GITARREN			
101	Nylon Gitarre slow Arpeggio		
102	Jazz Gitarre slow Arpeggio		

## GIT. FÜR BASS MSB 85

In der folgenden Soundbank befinden sich Gitarren für die Gitarre am Bass Funktion.

Prg.	NYLON GITARRE - SABRINA KLOTZ		
04	Git.		◆
OBERKRAINER GIT. RENATO VERLIC			
19	Git. - Mikro		◆
JAZZ GITARRE EDI KÖHLDORFER			
34	Git.- Jazz Amp		
OB-GITARRE GERHHARD KOMETER			
66	Git.- Jazz DI & Mikro		



Die Drumkits sind nur auf Parts mit aktiven DRUM MODE verfügbar. Der standard MIDI-Kannel dafür ist MIDI-Kanal 10.

DRUM KITS	
1	Drum - General MIDI HQ
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

Nr.	Kit 1	Kit 9	Kit 17	Kit 25	Kit 26	Kit 27	Kit 28	Kit 29	Kit 31	Kit 32	Kit 33	Kit 41	Kit 49
	GM			Electro	808/909	909	analog	2010	2011	Party	Jazz	Brush	Orchestra
G 7	Brush AY swirl 1	~	~								~	~	~
8	Brush AY swirl 2	~	~								~	~	~
A 9	Brush AY swirl 3	~	~								~	~	~
10	Brush MO open	~	~								~	~	~
11	Brush MO	~	~								~	~	~
C 12	Brush MO	~	~								~	~	~
13	Brush MO o. ac	~	~								~	~	~
D 14	Snare AY	~	~								~	~	~
15	Snare AY	~	~								~	~	~
E 16	Snare AY	~	~								~	~	~
F 17	Rim AY	Rim MO	~								Jz. Stick Rim	~	Rim MO
18	Snare AY	Snare MO	~								Jazz Stick Std	~	Snare MO
G 19	Snare AY	Snare MO	~								Jz. Stick Rim	~	Rim MO
20	Snare AY	Snare MO	~								Jazz Stick Std	~	Snare MO
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
C 24	Snare Rim shall.	Sn. MO RiSh	~								Jz. Stick Rsh.	~	Snare MO
25	Buzzer	~	~								~	~	~
D 26													
27	High Q	~	~	~	~	~	~	~	~	~	~	~	~
E 28	Slap	~	~	~	~	~	~	~	~	~	~	~	~
F 29	Scratch Push (7)	~	~	~	~	~	~	~	~	~	~	~	~
30	Scratch Pull (7)	~	~	~	~	~	~	~	~	~	~	~	~
G 31	Sticks	~	~	~	~	~	~	~	~	~	~	~	~
32	Square Click	~	~	~	~	~	~	~	~	~	~	~	~
A 33	Metronom Click	~	~	~	~	~	~	~	~	~	~	~	~
34	Metronom Bell	~	~	~	~	~	~	~	~	~	~	~	~
35	Bass Drum 1	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
C 36	Bass Drum 2	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.
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 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.
39	Clap	~	~	Clap 808	Clap 808	Clap 808	Clap 80	Hit Clap	Hit Clap	Hit Clap	~	Brush mf	Castanet
E 40	Snare 1 AY	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.
F 41	Tom Low Low	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	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
G 43	Tom Low	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani
44	HiHat Pedal (0)	~	~	HH elec	808 HHat P.	909 HHat P.	HHat cl. 85	909 HHat P.	909 HHat P.	909 HHat P.	~	~	Timpani
A 45	Tom Medium L.	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	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
47	Tom Medium	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani
C 48	Tom High	~	~	Elec Tom 80	808 Tom	909 Tom	Tom 85	909 Tom	909 Tom	909 Tom	~	Brush Tom	Timpani
49	Crash Cymbal 1	~	~	Crash 909	808 Cym	909 Cym	808 Cym	808 Cym	808 Cym	808 Cym	~	~	Timpani
D 50	Tom High High	~	~	Elec Tom 80	808 Tom	90 Tom	Tom 85	90 Tom	90 Tom	90 Tom	~	Brush Tom	Timpani
51	Ride Cymbal 1	~	~	Ride 909	Ride 909	Ride 909	Ride 85	Ride 909	Ride 909	Ride 909	~	~	Timpani
E 52	China Cymbal	~	~	~	~	~	~	~	~	~	~	~	Timpani
F 53	Ride Cup	~	~	Cup 66	Cup 66	Cup 66	Cup 66	Cup 66	Cup 66	Cup 66	~	~	Timpani
54	Tambourin	~	~	Tamb. 66	Tamb. 66	Tamb. 77	Tamb. 66	Tamb. 77	Tamb. 77	Tamb. 77	~	~	~
G 55	Splash Cymbal	~	~	~	~	~	~	~	~	~	~	~	~
56	Cowbell	~	~	~	808 Cowbell	808 Cowbell	808 Cowbell	808 Cowbell	808 Cowbell	808 Cowbell	Cowbell Jazz	Cowbell Jazz	~
A 57	Crash Cymbal 2	~	~	~	~	~	~	~	~	~	~	~	~
58	Vibraslap	~	~	~	~	~	~	~	~	~	~	~	~
59	Ride Cymbal 2	~	~	~	~	~	~	~	~	~	~	~	~
C 60	Bongo high	~	~	~	~	~	~	~	~	~	~	~	~
61	Bongo low	~	~	~	~	~	~	~	~	~	~	~	~
D 62	Conga mute	~	~	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	~	~	~
63	Conga open	~	~	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	~	~	~

Nr.	Kit 1	Kit 9	Kit 17	Kit 25	Kit 26	Kit 27	Kit 28	Kit 29	Kit 31	Kit 32	Kit 33	Kit 41	Kit 49
E 64	Conga low	~	~	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	~	~	~
F 65	Timbale high	~	~	~	~	~	~	~	~	~	~	~	~
66	Timbale low	~	~	~	~	~	~	~	~	~	~	~	~
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)	~	~	~	~	~	~	~	~	~	~	~	~
73	Guiro short (3)	~	~	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	~	~	~
D 74	Guiro long (3)	~	~	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	~	~	~
75	Claves	~	~	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	~	~	~
E 76	Woodblock low	~	~	~	~	~	~	~	~	~	~	~	~
F 77	Woodblock hi	~	~	~	~	~	~	~	~	~	~	~	~
78	Cuica mute (4)	~	~	~	~	~	~	~	~	~	~	~	~
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
F 89													
90	Bass Dr. 1 mp	BD 3	BD 5								BD 7	BD 7	~
G 91	Bass Dr. 1 mf	~	~								~	~	~
92	Bass Dr.1 f	~	~								~	~	~
A 93	Bass Dr. 1 ff	~	~								~	~	~
94	Bass Dr. .1 mp	~	~								~	~	~
95	Bass Dr. 1 mf	BD 4	BD 6								BD 8	BD 8	~
C 96	Bass Dr. 1 f	~	~								~	~	~
97	Bass Dr. 1 ff	~	~								~	~	~
D 98	Hi-Hat Pedal (7)	~	~								~	~	~
99	Hi Hat cl. Tip	~	~								~	~	~
E 100	Hi Hat cl. Pearl	~	~								~	~	~
F 101	Hi Hat cl. Pearl	~	~								~	~	~
102	Hi H. cl. Shaft 1	~	~								~	~	~
G 103	Hi H. cl. Shaft 2	~	~								~	~	~
104	Hi Hat med. 1	~	~								~	~	~
A 105	Hi Hat med. 2	~	~								~	~	~
106	Hi Hat Open 1	~	~								~	~	~
107	Hi Hat Open 2	~	~								~	~	~
C 108	Hi Hat Splash	~	~								~	~	~
109	Hi Hat Open 3	~	~								~	~	~
D 110	Ride Pearl	~	~								~	~	~
111	Ride Pearl retrig	~	~								~	~	~
E 112	Ride Cup	~	~								~	~	~
F 113	Ride Cup retrig.	~	~								~	~	~
114	Ride Shaft (8)	~	~								~	~	~
G 115	Ride Shaft retrig.	~	~								~	~	~
116	Ride Chock (8)	~	~								~	~	~
A 117	Cym Crash 1 (9)	~	~								~	~	~
118	Cym Splash (9)	~	~								~	~	~
119	Cym Crash 2 (9)	~	~								~	~	~
C 120	Cym Chock (9)	~	~								~	~	~
121												Brush 1.	Cym. O. s (1)
D 122												Brush 2.	Cym. O. s
123												Brush 3.	Cy. O. m (1)
E 124												Brush Rm	Cy. O. m
F 125												Brush metal	Cy. . open(1)
126												Brush A	Cy. O. op. (1)
G 127												Brush B	

# DRUM KIT 11

# PERCUSSION

Nr.	Prg. 10 Percussion	
6		high 1
G 7	Cajon	high 2
8		medium
A 9		slap
10		slap
11		low 1
C 12		low 2
13		low 3
D 14		low 4
15	low slap	
E 16	Cabasa (3)	accent
F 17		medium 1
18		medium 2
G 19		soft 1
20	soft 2	
A 21	Shaker (4)	accent
22		medium 1
23		medium 2
C 24		soft 1
25		soft 2
26-30		
G 31	Maracas (5)	accent
32		medium 1
A 33		medium 2
34		soft 1
35	soft 2	
C 36	Conga	high 1
37		high 2
D 38		high 3
39		mute high 1
E 40		mute high 2
F 41		low 1
42		low 2
G 43		low 3
44		low mute 1
A 45		low mute 2
46-47		
C 48	Bongo	high 1
49		high 2
D 50		high 3
51		mute high 1
E 52		mute high 2
F 53		low 1
54		low 2
G 55		low 3
56		low mute 1
A 57		low mute 2
58-59		
C 60	Timbale	high 1
61		high 2
D 62		high 3
63		mute high 1
E 64		mute high 2
F 65		low 1
66		low 2
G 67		low 3
68		low mute 1
A 69		low mute 2

70		accent 1
71		high 1
C 72	Guiro (1)	high 2
73		stop
D 74		long
75	Triangle (0)	open 1
E 76		hell 1
F 77		hell 2
78		stop 1
G 79		stop 2
80		accent 1
A 81	Tamburin	1
82		2
83		3
C 84		stop
85	Cowbell	open
D 86		1
87		2
E 88		mute
F 89		mute standard
90	Agogo	Agogo high
G 91		Agogo low
92	Claves	normal
A 93		mute
94	Woodblock	normal low
95		mute
C 96		normal medium
97		mute
D 98		normal high
99	mute	
E 100	Chrimes	down
F 101	Castagnetten	accent
102		standard mute
G 103		accent (7)
104	Surdo	high 1 (8)
A 105		high 2 (7)
106		mute 1 (7)
107		mute 2 (8)
C 108		metal stick
109	Sight Bells	accent
D 110		normal
111	Vibraslap	accent
E 112	Cuica	normal low (9)
F 113		mute (9)
114		normal med. (6)
G 115		mute (6)
116	Claps	1st
A 117		2nd
118		3th
119		4th
C 120	Claps	reverb 1
121		reverb 2
D 122	Samba Whistle (2)	short
123		long
E 124	Cymbal	roll

# DRUM KIT 21

# BASSDRUM

Nr.		
C 12	Bassdrum 17 p	
13	Bassdrum 17 mz	
D 14	Bassdrum 17 f	
15	Bassdrum 17 ff	
E 16	Bassdrum 17 p	
F 17	Bassdrum 17 mz	
18	Bassdrum 17 f	
G 19	Bassdrum 17 ff	
20	Bassdrum 9 p	
A 21	Bassdrum 9 mz	
22	Bassdrum 9 f	
23	Bassdrum 9 ff	
C 24	Bassdrum 9 p	
25	Bassdrum 9 mz	
D 26	Bassdrum 9 f	
27	Bassdrum 9 ff	
E 28	Bassdrum 1 p	
F 29	Bassdrum 1 mz	
30	Bassdrum 1 f	
G 31	Bassdrum 1 ff	
32	Bassdrum 1 p	
A 33	Bassdrum 1 mz	
34	Bassdrum 1 f	
35	Bassdrum 1 ff	
C 36	BD 808	
37	BD 808 low	
D 38	BD 808 low low	
39	BD 606 vintage	
E 40	BD 808 short (1)	
F 41	BD 808 long (1)	
42	BD 808 medium long	
G 43	BD 909 short	
44	BD 909 medium long	
A 45	BD electro dark	
46	BD electro HPF knock	
47	BD dance party dark	
C 48	BD dance party	
49	BD 80a	
D 50	BD 80b	
51	BD 80c	
E 52	BD distorted	
F 53	BD 07a	
54	BD 07b	
G 55	BD Hit 1	
56	BD Hit 1 low	
A 57	BD 909 short	
58	BD 909 low	
59	BD 909 distorted 1	

C 60	BD 909 distorted 2
61	BD 909 hit
D 62	BD Hip
63	BD 85
E 64	BD Electron
F 65	BD Electron low
66	BD Electron low low
G 67	BD Party II
68	BD Party II fat
A 69	BD soft distorted
70	BD soft distorted Hit
71	BD Hit III
C 72	BD Hit III short
73	BD Hit III gate
D 74	BD Hit IV
75	Breakbeat
E 76	Breakbeat
F 77	Breakbeat
78	Breakbeat
G 79	Breakbeat
80	Breakbeat
A 81	BD 1990
82	BD 1990 high
83	BD 2011super
C 84	BD 2011 Hit
85	BD 2011 bummm
D 86	BD 2011 short
87	BD 2011 strong
E 88	BD 2000 medium
F 89	BD 2012 medium
90	BD 2012 strong
G 91	BD 2000 Jako
92	BD 1980
93 - 123	
D 123	Concert Bass Drum stop
124	Concert Bass Drum
E 125	Concert Bass Drum soft
126	Buzzer / Snare
127	Stop for note 40+41 (1)



## DRUM KIT 22

## SNARE & FX

	Nr.	
	3	Claps 808
E	4	Claps 808 short
F	5	Claps 909 low
	6	Claps 909 high
G	7	Claps Breakbeat 1
	8	Claps Breakbeat 2
A	9	Claps 808 2000
	10	Claps SDS
	11	Claps Breakbeat
C	12	Claps 2011
	13	Percussion knock
D	14	Mouth perc. 1
	15	Mouth perc. 2
E	16	Mouth perc. 3
F	17	Mouth perc. 4
	18	Mouth perc. 5
G	19	Electro cymbal A
	20	Electro cymbal B
A	21	Electro cymbal C
	22	Crash 909
	23	Cymbal 66
C	24	Cymbal 808
	25	Ride 909
D	26	Cymbal 808
	27	Clap 1999
E	28	Snip
F	29	Scratch 3 velocity split
	30	Vinyl Noise
G	31	Cymbal Reverse
	32	Cymbal Reverse fast
A	33	SFX down
	34	SFX up
	35	Claps Reverse
C	36	Electronic FX
	37	Electronic Whip
D	38	Snare Reverse
	39	-
E	40	-
F	41	-
	42	-
G	43	-
	44	-
A	45	-
	46	Snare distorted
	47	Snare + Claps FX long Reverb
C	48	Breakbeat Snare 1
	49	Breakbeat Snare 2
D	50	Breakbeat Snare 3
	51	Breakbeat Snare 4
E	52	Breakbeat Snare 5
F	53	Breakbeat Snare 6
	54	Breakbeat Snare 7
G	55	Breakbeat Snare 8
	56	Snare 808 HPF
A	57	Snare 808 clean
	58	Snare 808 clean low
	59	Snare 808 clean low low

C	60	Snare 1980
	61	Snare 909 HPF
D	62	Snare 909 standard tune
	63	Snare 909 low
E	64	Snare analog
F	65	Snare analog high HPF
	66	Snare analog high high HPF
G	67	Snare 1985
	68	Snare 1985 HPF
A	69	Snare Pop snap
	70	Snare fat
	71	Snare fat short
C	72	Snare fat high
	73	Snare fat high high
	75	Vintage Snare
D	74	Snare gate 85
E	76	Vintage Snare high
F	77	Vintage 55
	78	Vintage 55 high
G	79	Snare XR low
	80	Snare XR
A	81	Snare XR high
	82	Snare Jako
	83	Snare 1985
C	84	Snare & Claps 1985
	85	Snare & Claps 2011
D	86	Snare 1980 dark
	87	Snare 1990 Reverb
E	88	Snare 1990 Reverb II
F	89	Snare shot Room
	90	Snare shot Room II
G	91	Snare Piccolo
	92	Snare Piccolo II
A	93	Snare Iron
	94	Snare Hills
	95	Snare Piccolo long Reverb
C	96	Snare Piccolo long Reverb II
	97	Snare long Reverb
D	98	Rimshot long Reverb
	99	Piccolo Hall
E	100	Piccolo Hall variation
F	101	Piccolo Hall variation
	102	Piccolo Steel
G	103	Snare 1988
	104	Snare 1988 +
A	105	Snare 1988 ++
	106	Snare 1988 +++
	107	Snare 1988 ++++
C	108	Shallow Rim Reverb
	109	Shallow Rim Gate
D	110	Shallow Rim
	111	Shallow Rim Variation
E	112	Shallow Rim Reverb long
F	113	Clap FX & Rim
	114	Snare 1981
G	115	Rim Vintage

	116	Rim 808
A	117	Rim 808 low
	118	Rim 909
	119	Snare AY
C	120	Snare AY
	121	Snare AY
D	122	Snare AY
	123	-
E	124	-
	125	-
	126	Buzzer / Snare

## DRUM KIT 46

## SNARE MULTI LAYER

Note Nr.		
	3	Stick
E	4	Snare AY roll ac.
F	5	Snare AY roll
	6	Brush AY a.short
G	7	Brush AY swirl 1
	8	Brush AY swirl 2
A	9	Brush AY swirl 3
	10	Brush MO open
	11	Brush MO
C	12	Brush MO
	13	Brush MO o. ac
D	14	Snare AY
	15	Snare AY
E	16	Snare AY accent
F	17	Rim AY
18 - 21		Snare AY
	22	Snare AY shallow
	23	Snare AY Rimshot
C	24	Snare AY Rimshot
	25	Snare
D	26	-
	27	High Q
E	28	Slap
F	29	Scratch Push (7)
	30	Scratch Pull (7)
G	31	Sticks
	32	Square Click
A	33	Metronom Click
	34	Metronom Bell
	35	<b>Bass Drum</b>
C	36	<b>Bass Drum</b>
	37	Rim
D	38	<b>Snare</b>
	39	Snare
E	40	<b>Snare</b>
F	41	Tom Low Low
	42	<b>HiHat closed (2) very loud</b>
G	43	Tom Low
	44	<b>HiHat Pedal (2) very loud</b>
A	45	Tom Medium L.
	46	<b>HiHat open (2) very loud</b>
	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	<b>Snare accent 1</b>
	61	<b>Snare accent 2</b>
62 - 67		<b>Snare single stick</b>
68 - 73		<b>Snare flam short</b>
74 - 78		<b>Snare flam medium A</b>
79 - 81		<b>Snare flam med. no attack</b>
	82	<b>Snare roll loop accent</b>
83 - 85		<b>Snare roll loop no attack</b>
D	86	<b>Snare click</b>
	87	<b>Stick &amp; roll * roll soft fade in</b>
E	88	<b>Stick &amp; roll * roll 2</b>
F	89	<b>Stick &amp; roll * roll 3</b>
	90	<b>Stick &amp; roll * roll 4</b>
G	91	<b>HiHat Pedal A (3)</b>
	92	<b>HiHat Pedal B (3)</b>
A	93	<b>HiHat Pedal C (3)</b>
	94	<b>HiHat closed A (3)</b>
	95	<b>HiHat closed B (3)</b>
C	96	<b>HiHat open (3)</b>
	97	Bass Dr. 1 ff
D	98	HiHat Pedal (7)
	99	Hi Hat cl. Tip
E	100	Hi Hat cl. Pearl
F	101	Hi Hat cl. Pearl
	102	Hi H. cl. Shaft 1
G	103	Hi H. cl. Shaft 2
	104	Hi Hat med. 1
A	105	Hi Hat med. 2
	106	Hi Hat Open 1
	107	Hi Hat Open 2
C	108	Hi Hat Splash
	109	Hi Hat Open 3
D	110	Ride Pearl
	111	Ride Pearl retrig
E	112	Ride Cup
F	113	Ride Cup retrig.
	114	Ride Shaft (8)
G	115	Ride Shaft retrig.
	116	Ride Chock (8)
A	117	Cym Crash 1 (9)
	118	Cym Splash (9)
	119	Cym Crash 2 (9)
C	120	Cym Chock (9)

**MIDI CONTROLLER  
NOTE 87-90**  
MIDI controller for volume adjust  
cc56 stick  
cc57 roll

# DRUM KIT 47

# BRUSH MULTI LAYER

Note Nr.		
3	Stick	60 - 67 <b>SCOTLAND brush tap</b>
E 4	Snare MO roll ac.	
F 5	Snare MO roll	68 - 71 <b>SC Brush tap shallow A</b>
6	Brush MO a.short	
G 7	Brush MO swirl 1	72 - 75 <b>SC Brush swish</b>
8	Brush MO swirl 2	
A 9	Brush MO swirl 3	76 - 79 <b>SC Brush swirl short A</b>
10	Brush MO open	
11	Brush MO	80 - 83 <b>SC Brush swirl long loop A</b>
C 12	Brush MO	
13	Brush MO o. ac	84 - 86 <b>SC Brush roll A</b>
14 - 24	-	
25	Buzzer	87 <b>SC Brush Mix A</b>
D 26	-	E 88 <b>SC Brush Mix A long swirl</b>
27	High Q	F 89 <b>SC Brush Mix B</b>
E 28	Slap	90 <b>SC Brush Mix B long swirl</b>
F 29	Scratch Push (7)	
30	Scratch Pull (7)	
G 31	Sticks	G 91 <b>SC HiHat Pedal A (3)</b>
32	Square Click	92 <b>SC HiHat Pedal B (3)</b>
A 33	Metronom Click	A 93 <b>SC HiHat Pedal C (3)</b>
34	Metronom Bell	94 <b>SC HiHat closed A (3)</b>
35	Bass Drum Jazz 1	95 <b>SC HiHat closed B (3)</b>
		C 96 <b>SC HiHat open (3)</b>
C 36	Bass Drum Jazz 2	97 Bass Jazz 1
37	Rim	D 98 HiHat Pedal (7)
D 38	<b>Snare Brush SCOTLAND 1</b>	99 Hi Hat cl. Tip
39	Snare	E 100 Hi Hat cl. Pearl
E 40	<b>Snare Brush SCOTLAND 2</b>	F 101 Hi Hat cl. Pearl
F 41	Tom Low Low	102 Hi H. cl. Shaft 1
42	<b>HiHat closed (2) SC very loud</b>	G 103 Hi H. cl. Shaft 2
G 43	Tom Low	104 Hi Hat med. 1
44	<b>HiHat Pedal (2) SC very loud</b>	A 105 Hi Hat med. 2
A 45	Tom Medium L.	106 Hi Hat Open 1
46	<b>HiHat open (2) SC very loud</b>	107 Hi Hat Open 2
47	Tom Medium	
		C 108 Hi Hat Splash
C 48	Tom High	109 Hi Hat Open 3
49	Crash Cymbal 1	D 110 Ride Pearl
D 50	Tom High High	111 Ride Pearl retring
51	Ride Cymbal 1	E 112 Ride Cup
E 52	China Cymbal	F 113 Ride Cup retring.
F 53	Ride Cup	114 Ride Shaft (8)
54	Tambourin	G 115 Ride Shaft retring.
G 55	Splash Cymbal	116 Ride Chock (8)
56	Cowbell	A 117 Cym Crash 1 (9)
A 57	Crash Cymbal 2	118 Cym Splash (9)
58	Vibraslap	119 Cym Crash 2 (9)
59	Ride Cymbal 2	C 120 Cym Chock (9)

**MIDI CONTROLLER  
NOTE 87-90**  
MIDI controller for volume adjust  
cc56 tap / cc57 roll / cc59 swish

# DRUM KIT 48

# MULTI LAYER

Note Nr.	
3	Drum Stick
4 - 11	Concert bass drum & Cymbal
12 - 23	Bass & Ride
24 - 35	Kick & 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 12-23**  
MIDI controller for volume adjust  
cc56 Bassdrum  
cc59 Cymbal

**MIDI CTL.  
NOTE 12-23**  
MIDI controller for volume adjust  
cc56 BD  
cc59 Ride

**MIDI CTL.  
NOTE 24-35**  
MIDI controller for volume adjust  
cc56 BD  
cc59 HiHat Pedal

**MIDI CTL.  
NOTE 60-71**  
MIDI controller for volume adjust  
cc56 Brush  
cc57 roll & swish  
cc59 Ride

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
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 stroke & HiHat
94	Stick roll accent & HiHat
95	Stick roll no accent & HiHat
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 stroke & Ride
106	Stick roll accent & Ride
107	Stick roll no accent & 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 72-83**  
MIDI controller for volume adjust  
cc56 Brush  
cc57 roll & swish  
cc59 HiHat Pedal

**MIDI CTL.  
NOTE 84-95**  
MIDI controller for volume adjust  
cc56 Snare stick  
cc57 Roll & swish  
cc59 HiHat Pedal

**MIDI CTL.  
NOTE 96-107**  
MIDI controller for volume adjust  
cc56 Snare stick  
cc57 Roll & swish  
cc59 Ride

**MIDI CTL.  
NOTE 96-107**  
MIDI controller for volume adjust  
cc56 Snare stick  
cc57 Roll & swish  
cc59 Cymbals



# 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>i</sub> ,y=1-127 o	
Note OFF	9nH <sub>i</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 1CrH	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

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