



# STmusic VolxStar Premium 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 Download bestimmte Dateien, etc.), ist verboten.

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## Tech. 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

V3SOUND GMBH  
Kirchplatz 7 - 6114 Kolsass - Austria - Europe

## Legende

HPF	High Pass Filter
BPF	Band Pass Filter
LPF	Low Pass Filter
(1)	DRUM MAP - Exklusive mode
(1)	DRUM MAP - Exclusive mode - one note give sound
velo.	Velocity split
Slide	Velocity zone 116-127 Slide up version
Silence	no Sound



### TIPP SILENCE

Das Programm SILENCE ist auf allen Soundbanks unter Program Change 127 zu finden. Mit dem Programm können Sie einen MIDI-Kanal während des Spielens „ausschalten“.

Wenn Sie einen MIDI-Kanal über einen MIDI-Controller usw. stummschalten möchten, ist dies beim Spielen nicht so einfach. Wählen Sie einfach Program Change 127 und der Kanal wird stummgeschaltet.

## User Interface und Anschlüsse



## Verbinden

Bevor Sie Ihr Gerät ein- oder ausschalten, vergewissern Sie sich, dass alle angeschlossenen Audiogeräte, die zur Verstärkung des Audio-signalen beitragen, heruntergeregelt sind.

- ❶ Vergewissern Sie sich, dass sich der POWER Schalter, der sich auf der Rückseite des Gerätes befindet, in der Position OFF (LED-Licht leuchtet nicht) steht.
- ❷ Stecken Sie das zum Lieferumfang gehörende Netzgerät in die DC Buchse auf der Rückseite des Gerätes an.
- ❸ Schließen Sie das andere Ende des Netzgerätes an eine Netzsteckdose an. Vergewissern Sie sich, dass Ihr Netzgerät für die Versorgungsspannung geeignet ist.
- ❹ Verbinden Sie die Audioausgänge mit einem Verstärker, Aktivlautsprecher oder verwenden Sie einen Kopfhörer.
- ❺ Verbinden Sie das MIDI- oder USB Kabel mit dem Gerät.

## Einschalten

Bevor Sie Ihr Gerät ein- oder ausschalten, vergewissern Sie sich, dass alle angeschlossenen Audiogeräte, die zur Verstärkung des Audiosignales beitragen, heruntergeregelt sind.

- ❶ Drücken Sie den Schalter [POWER ON/OFF] auf der Rückseite.
- ❷ Drehen Sie am Regler [MAIN VOLUME] um die Gesamtlautstärke anzupassen.
- ❸ Passen Sie die Lautstärke an Ihrem Mixer oder Aktivlautsprecher an.



### TIPP

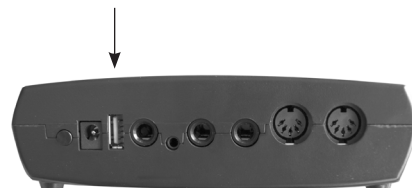
*Drehen Sie die Lautstärke des STmusic Soundexpanders so laut wie möglich und stellen Sie die Lautstärke des Tons auf dem Mixer ein.*

## USB Keyboard

Der STmusic Soundexpander ist mit jedem USB Audio Class 1 Keyboard kompatibel. Das Accordion Master XXL unterstützt Ihr USB-Gerät mit einem Maximum von 500mA Strom.

Bitte überprüfen Sie den Stromverbrauch Ihres MIDI-Gerätes. Sollte der Stromverbrauch über 500mA liegen, verbinden Sie Ihre Geräte mit einer eigenen Stromversorgung.

Verbinden Sie hier Ihre USB-Tastatur.



## Sustain Pedal

Die Polarität des Sustain-Fußpedals wird automatisch eingestellt, wenn Sie den STmusic Soundexpanders einschalten. Stecken Sie das Pedal vor dem Einschalten an.

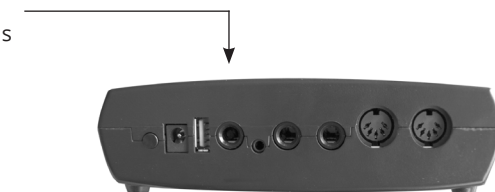
Das Pedal funktioniert nur auf MIDI Kanal 1.

## Aux Out - zweiter Stereo Out

Um den AUX OUT für einen MIDI-Kanal zu verwenden, müssen Sie 4 interne Switches wechseln und eine MIDI-Nachricht auf dem angeforderten MIDI-Kanal senden.

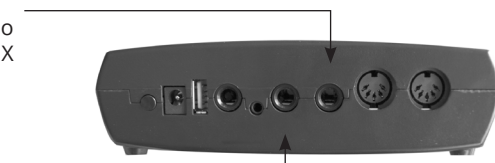
Die Verbindung ändert sich von 2 Mono-Ausgänge zu 2 Stereo Ausgänge.

Eine Stereo Klinke liefert hier das MAIN Stereo Signal, die zweite Buchse das Signal der AUX Ausgänge in stereo.



STEREO L + R standard = BABAA (Grafik)

STEREO + AUX = BBABB



## Sounds anwählen

Der STmusic Soundexpander ist ein 16-Kanal Multi-Timbral MIDI-Klangerzeuger. Ändern Sie die Sounds, indem Sie einen Programm Change über MIDI senden.

Die sympathische Resonanz, die Funktion Sustain Pedal "Grabbing" und die Halbpedal Funktion sind nur auf MIDI Channel 1 aktiv.



### ÜBER POLYPHONY

*Der STmusic Soundexpander bietet 256 Mono Stimmen. Viele Sounds verwenden 4 Stimmen pro Taste.*

*Das bedeutet: Wenn Sie alle 10 Finger gleichzeitig anschlagen, werden 40 Stimmen benutzt.*

*Wenn Sie das Sustainpedal halten, werden diese 40 Stimmen gehalten und bei neuem Anschlag weitere 40 Stimmen benötigt. Vergessen Sie also nicht, das Sustain-Pedal freizugeben!*

*Wenn Sie die Polyphony überschreiten, ist ein Klick-Geräusch hörbar.*

## GENERAL MIDI

## BANK 0



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

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

## GENERAL MIDI

## BANK 0

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

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

## Piano Bank MSB 1

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

## E-Piano Bank MSB 2

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

## E-Piano Bank MSB 2

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

## Organ Bank MSB 3

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

# Organ

Bank MSB 3

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

# Organ - Drawbar Registrations

Bank MSB 4

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

## Organ - Drawbar Registrations

Bank MSB 4

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

## Organ - Drawbars

Bank MSB 4

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

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

## Perc. Tuned Instr. Bank MSB 5

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

## String Instr.

Bank MSB 6

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

## Guitar

Bank MSB 7

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

## Guitar

Bank MSB 7

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

## Accordion

Bank MSB 8

Prg.		Prg.	
00	Harmonica	37	Big Musette
01	-	38	Accordion 16
02	Harmonica Vibrato	39	Accordion 8+16
03	Accordina	40	Accordion 4+8+16
04	Accordion Musette 888	41	Accordion 4+16
05	Accordion Musette 888+16	42	Accordion 888
06	Accordion Musette 4+888	43	Accordion 888+
07	Accordion Musette 4+888+16	44	Accordion 888++
08	Accordion Musette Vintage Italian	45	Accordion 888+++
09	-	46	Accordion 8
10	-	47	Accordion 8+16
11	-	48	Accordion 4+8+16
12	-	49	Accordion 4+8
13	Accordion Musette 888 Benelux	50	Melodeon 8
14	-	51	Melodeon 88 flat
15	Accordion Musette 888 Italy Retro	52	Melodeon 88 medium
16	Accordion Musette 888 French	53	Melodeon 88 wide
17	Accordion 88 French	54	Melodeon 816
18	Accordion 88+16	55	-
19	Accordion 4+88	56	Melodeon Tradition Norway „Corona“
20	Accordion 4+88+16	57	Melodeon Tradition Irish „Saturn“
21	Tango 8+16	58	Melodeon Tradition Swiss „Örgeli“
22	Tango 8+16 Repetition	59	-
23	Accordion Celeste 88 French	117	Jew's harp
24	Accordion Celeste 88+16	118	Vox 4
25	Accordion Celeste 4+88+16	119	Vox 4
26	Accordion Celeste VE10 88 French	120	Accordion Attack noise curved
27	Accordion Celeste VE10 88+16	121	Accordion Attack noise linear
28	Accordion Super VI - Reed 8	127	Silence - no sound
29	Accordion Super VI - Reed 4+8		
30	Accordion Super VI - Reed 88		
31	Accordion Super VI - Reed 4+16		
32	Accordion Super VI - Reed 4+88		
33	Accordion Super VI - Reed 8+16		
34	Accordion Super VI - Reed 4+8+16		
35	Accordion Super VI - Reed 88+16		
36	Accordion Super VI - Reed 4+88+16		



## Full Strings & Disco Strings

Bank MSB 9

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

## Solo Strings

Bank MSB 10

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

## Synth Strings

Bank MSB 11

Prg.	
0	Strings PWM
1	Strings PWM - up
2	Strings PWM - ENV
3	Strings PWM - notch
4	Strings MKS
5	Strings MKS II
6	Strings MKS LP24
7	Strings MKS Rise
8	Strings Retro Solino
9	Stringmaster Retro

Prg.	
10	Strings M12
11	Strings M12
12	Strings M12
13	Strings M12 Notch
14	Strings M12 Notch
15	Strings M12 Notch
33	OB Strings fast
35	OB Strings II mono LPF
127	Silence - no sound

## Brass Solo

Bank MSB 12

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

## Brass Solo

Bank MSB 12

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

## Brass Section

Bank MSB 13

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

## Classic Brass

Bank MSB 14

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

## Saxophon

Bank MSB 15

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

## Winds

Bank MSB 16

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

## Classic Winds

Bank MSB 17

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

## Choir

Bank MSB 18

Prg.		
00	Classic Choir Aah	
01	Classic Choir Aah	Filter
02	Classic Choir Ooh	
03	Classic Choir Ooh	Filter
04	Choir Pop Ooh	
05	Choir Pop Ooh	Filter
06	Synth Voice	
07	Classic Voice	
08	Boys Aah	
17	Boys Ooh	
18	Girls Aah	
19	Girls Doo	
20	Girls Ooh	
21	Voiceless	
126	Voice Kit	mapping like Drum Kit 58
127	Silence - no sound	

## Synthesizer

Bank MSB 20

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

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

## Synthesizer & Bass

Bank MSB 20

Prg.	
60	Bellko
61	Bellz
62	AnalogOB
63	M3Osc
64	M12Brass
65	M12Brass ENV
66	OBLead
67	OBArp
68	OBell
69	OBBrass
70	Mach1
71	Brazza
72	Brasso
73	T8SuperBrass
74	T8SuperBrass ENV
75	Dells
76	Pulse
77	Pulso
78	PWD24
79	Xypho

Prg.	
80	Charpo
81	Jippo
82	JXArp
83	Bamarimba
84	JCO10
85	JXBell
86	StabBrass
87	Clouds
88	BellHit HP Filter
89	OBNoise
90	Noise down
91	Voxo (Notch filter 12)
92	APad Notch (Notch filter 12)
116	Classic Synth Bass
117	Classic Synth Bass Rezo
118	JBass 1
119	JBass 2
120	JBass 3
121	JBass soft
122	CS Classic Bass
123	MoBass
124	MoBass ENV
125	XBass 1
126	XBass 2
127	Silence - no sound

## FX & Percussion

Bank MSB 21

Prg.	
00	Orchestra Hit Major
01	Orchestra Hit Minor
62	Synth FX down
63	Synth FX up
127	Silence - no sound



## VOLKSMUSIK

Prg.	Morino VM	N-off	Dyn.
00	VM Vintage 888	❖	
03	VM Vintage 488816	◆	
04	VM Vintage 888	◆	BDyn
08	VM Vintage 888	◆	56/57
09	VM Vintage 888		
Alpengold Krainer V			
10	Krainer 888	❖	
13	Krainer 88816	◆	
14	Krainer 888	◆	BDyn
18	Krainer 888	◆	56/57
19	Krainer 888		
Hohner Alpina IV			
20	Alpina o.V. 888	❖	
23	Alpina o.V. 488816	◆	
24	Alpina o.V. 888	◆	BDyn
28	Alpina o.V. 888	◆	56/57
29	Alpina o.V. 888		

Zupan Juwel			
50	Juwel 88	◆	
51	Juwel 8816	◆	
52	Juwel 488	◆	
53	Juwel 88		
Diverse			
60	BUGARI 16	◆	
61	BUGARI 16		
62	BUGARI 416	◆	
63	BUGARI 816	◆	
64	ZUPAN 8	◆	
65	ZUPAN 8	◆	BDyn
66	ZUPAN 8	◆	56/57
67	SCANDALLI 416	◆	
68	SCANDALLI 816	◆	
69	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.*

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

Prg.	Steirische	N-off	Dyn.
55	Steirische A		
56	Steirische B		
57	Steirische C		
58	Steirische D		
59	Steirische E		
Volksmusik 2-chörig			
70	STH 2-Reeds	◆	
71	STH 2-Reeds	◆	BDyn
72	STH 2-Reeds	◆	56/57
73	STH 2-Reeds		
Alpengold Steirische			
74	Alpengold Steirische	◆	
75	Alpengold Steirische	◆	BDyn
76	Alpengold Steirische	◆	56/57
77	Alpengold Steirische		
Zupan Juwel			
78	Zupan Juwel	◆	
79	Zupan Juwel	◆	BDyn
80	Zupan Juwel	◆	56/57
81	Zupan Juwel		
82	Zupan Juwel soft	◆	
83	Zupan Juwel soft	◆	BDyn
84	Zupan Juwel soft	◆	56/57
85	Zupan Juwel soft		
Posch I			
86	K-Posch I	◆	
87	K-Posch I	◆	BDyn
88	K-Posch I	◆	56/57
89	K-Posch I		
90	K-Posch I soft	◆	
91	K-Posch I soft	◆	BDyn
92	K-Posch I soft	◆	56/57
93	K-Posch I soft		
St. Leonhard			
94	M-St. Leonhard	◆	
95	M-St. Leonhard	◆	BDyn
96	M-St. Leonhard	◆	56/57
97	M-St. Leonhard		



### Notenbereich

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

Prg.	Akkordeon Bass	N-off	Dyn.
99	Bass 1 Reed	◆	
100	Accordion 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)		
117	Steirisch Hel. off-cc57	◆	
119	Steirisch Helikon		
Effekte			
123	Key OFF		
124	Attack Layer linear		
125	Attack Layer concave		
126	Attack Layer con. offset 50		
127	Silence		

Prg.	Trompete	N-off	R
0	Trompete Ivan Presern	◆	◆
1	Trompete Ivan Presern	◆	
2	Trompete Ivan P. 1/4tel Note		◆
3	Trompete Ivan P. 1/4tel Note		
4	Trompete Ivan P. Staccato		
5	Trompete soft	◆	◆
7	Trompete hard	◆	◆
8	Trp. soft Slide up velo. 116	◆	◆
Blech			
10	Trompeten Ens. Stereo LP	◆	◆
11	Trompeten Ens. Stereo HP	◆	◆
12	Trompeten Ens. Stereo	◆	◆
14	Flügelhorn Ivan Presern	◆	◆
18	Trompete Dämpfer		
Bariton Sepp Mattschweiger			
20	Sepp Akzent	◆	◆
21	Sepp Vibrato	◆	◆
23	Sepp Staccato mezzo		◆
24	Sepp Staccato forte		◆
Bariton Alen Ojcinger			
30	Ojcinger Akzent	◆	◆
32	Ojcinger Vibrato	◆	◆
33	Ojcinger Staccato		
34	Ojcinger FX up		
Bariton Janez Per			
40	Janez Akzent	◆	◆
42	Janez Vibrato	◆	
43	Janez Staccato mezzo		◆
Bassposaune			
50	Global Bass Vibrato	◆	◆
51	Global Bass Staccato		◆
54	Tenorhorn Vibrato	◆	◆
58	French horn		

	Klarinette		
60	Martin Zagrajsek Vibrato		◆
61	Martin Zagrajsek soft		◆
62	M. Zagrajsek Slide - velo. 116		◆
65	Vito Muzenic Vibrato		◆
66	Vito Muzenic Vibrato		
67	Vito Muzenic Staccato		◆
68	Vito Muzenic Staccato		
69	Ensemble Clarinets		
Saiteninstrumente			
70	Hackbrett 4-strings		◆
71	Hackbrett 4-strings mit Ausklang		◆
72	Hackbrett 4-str. - IAK Duett Low		✠
73	Hackbrett 4-str. - IAK Duett High		✠
76	Zither	◆	◆
Gitarren			
80	Nylon Zupfgitarre	❖	
81	Nylon Zupfgitarre		
82	Rhythm Git. Rhythmus		
83	Rhythm Git. Rhythmus +		
84	Jazz Gitarre Castello		
86	Jazz Gitarre Micro		◆
87	Jazz Gitarre Amp		
88	Jazz Gitarre - CP - Micro		
89	Jazz Gitarre - CP - Amp		
Harfe			
90	Harfe		
91	Harfe mit Ausklang		
92	Harfe Arpeggio		✠
Geige			
110	Geige Vibrato	◆	◆
Maultrommel			
126	Maultrommel - OCB		◆

Prg.	E-Bass USA	N-off	R
00	E-Bass USA		
01	E-Bass USA	◆	
02	E-Bass USA EQ1		
03	E-Bass USA EQ1	◆	
04	E-Bass USA EQ2		
05	E-Bass USA EQ2	◆	
08	E-Bass USA EQ3		
09	E-Bass USA EQ3	◆	
E-Bass UK			
12	E-Bass UK		
13	E-Bass UK	◆	
E-Bass Pick			
16	E-Bass Pick		
17	E-Bass Pick	◆	
20	E-Bass Pick EQ		
21	E-Bass Pick EQ	◆	
E-Bass Flat			
24	E-Bass Flat		
25	E-Bass Flat	◆	
26	E-Bass Flat EQ		
27	E-Bass Flat EQ	◆	
Kontrabass T. Mihelic			
50	Kontrabass T. Mihelic & Atk.		
51	Kontrabass T. Mihelic & Atk.		
52	Kontrabass T. Mihelic		
53	Kontrabass T. Mihelic Release		
Kontrabass 2			
56	Kontrabass 2		
57	Kontrabass 2		
Kontrabass 3			
60	Kontrabass 3		
61	Kontrabass 3 Ausklang		
62	Kontrabass 3 soft Attack		
63	Kontrabass 3 soft Attack Ausklang		
Kontrabass kurz gestrichen			
70	Kontrabass kurz gestrichen		
71	KB kurz gestrichen - Ausklang		
72	KB kurz gestrichen - Ausklang +		
73	KB kurz gestrichen - Ausklang ++		

Prg.	Synthbass	N-off	R
80	DX100 Zillertal kurz		
81	DX100 Zillertal		
82	DX100 Zillertal Reso		
83	DX100 Zillertal HighPass		
Synthbass			
85	CS25 Freddy Bass kurz		
86	CS25 Freddy Bass		
87	CS25 Freddy Bass Reso		
88	CS25 Freddy Bass HighPass		
Synthbass			
90	CS01 kurz		
91	CS01		
92	CS01 Reso		
Synthbass			
94	Zillertal 3 kurz		
95	Zillertal 3		
96	Zillertal 3b		
Synthbass			
97	DX 1998 kurz		
98	DX 1998		
99	CE 25 1998 original kurz		
100	CE 25 1998		
Synthbass			
101	DX100 1998 kurz		
102	DX100 1998 lang		
103	CE25 Special lang		
104	CE25 Special lang HPF		



**Spielbereich der Bässe**  
Die Note 28 entspricht dem tiefsten Ton vom Kontrabass.



Prg.	Bariton Sepp Mattlschweiger	N-off	R
0	Sepp Akzent	◆	◆
2	Sepp Vibrato	◆	◆
3	Sepp Staccato mezzo		◆
4	Sepp Staccato forte		◆
5	EQ1 Sepp Akzent	◆	◆
7	EQ1 Sepp Vibrato	◆	◆
8	EQ1 Sepp Staccato mezzo		◆
9	EQ1 Sepp Staccato forte		◆
10	EQ2 Sepp Akzent	◆	◆
13	EQ2 Sepp Staccato mezzo		◆
Bariton Alen Ojcinger			
20	Ojcinger Akzent	◆	◆
22	Ojcinger Vibrato	◆	◆
24	Ojcinger Staccato		
Bariton Janez Per			
30	Janez Akzent	◆	◆
32	Janez Vibrato	◆	◆
33	Janez Staccato		
35	EQ1 Janez Akzent	◆	◆
36	EQ1 Janez Vibrato lang	◆	◆
38	EQ1 Janez Staccato		
Prg.	Bassposaune	N-off	R
40	Global Bass Vibrato	◆	◆
41	Global Bass Staccato		◆
42	EQ1 Global Bass Vibrato	◆	◆
43	EQ1 Global Bass Staccato		◆
48	Soli Bariton horn - Vintage		
Tubas			
50	Jon Sass Solo Tuba	◆	
51	Jon Sass Solo Tuba soft	◆	
55	Ensemble Tuben	◆	



### Bereich

Die Sounds der Bank 83 sind 3 Oktaven tiefer angeordnet als in der Bank 81, und somit im selben Bereich wie die E-Bässe.

Prg.	Dpl. Bass S. Mattlschweiger 2018		
70	EB + EQ1 Sepp Akzent	◆	◆
72	EB + EQ1 Sepp Vibrato	◆	◆
74	EB + EQ1 Sepp Staccato forte		◆
75	EB + EQ3 Sepp Akzent	◆	◆
77	EB + EQ3 Sepp Vibrato	◆	◆
79	EB + EQ3 Sepp Staccato forte		◆
80	KB + EQ1 Sepp Akzent	◆	◆
82	KB + EQ1 Sepp Vibrato	◆	◆
84	KB + EQ1 Sepp Staccato forte		◆
Dpl. Bass Janez Per			
90	EB2 + EQ1 Janez Akzent	◆	◆
92	EB2 + EQ1 Janez Vibrato	◆	◆
94	EB2 + EQ1 Janez Staccato		
Prg.	Dpl. Bassposaune	N-off	R
95	Global Bass Vibrato	◆	◆
96	Global Bass Staccato		◆
Dpl. Zillertaler			
104	EB1 + DX100 kurz		
105	EB2 + DX100 kurz		
106	EB1 + Freddy CE25 kurz HP		
107	EB2 + CE25 kurz HP		
Kontrabass & Gitarre			
115	Kontrabassbass pizzis & Gitarre	◆	◆
116	KB kurz gestrichen & Gitarre	◆	◆



### Doppelbässe

Mit den MIDI-Controllern 56 und 57 regeln Sie das Verhältnis zwischen den beiden Bässen.

cc 56 = E-Bass / Kontrabass

cc 57 = Bariton / Synthbass / Git.

Der Sound der mit cc 57 geregelt wird ist in der Grundeinstellung auf den Wert 0 gesetzt. Sie müssen dabei einen Wert mit dem cc 57 senden damit der Bariton hörbar wird.

# Akkordgitarren

Bank MSB 70

Prg.	Gitarre - Sabrina Klotz		
0	Git. Polka		◆
2	Git. Walzer		◆
3	Git.		◆
Oberkraiener Git. Renato Verlić			
15	Git. - Mikro Polka		◆
17	Git. - Mikro Walzer		◆
18	Git. - Mikro		◆
Jazz Gitarre Edi Köhldorfer			
38	Git.- Jazz Amp & Mikro Polka		◆
40	Git.- Jazz Amp & Mikro Wal.		◆
41	Git.- Jazz Amp & Mikro		
OB-Gitarre Gerhard Kometer			
62	Git.- Jazz DI & Mikro Polka		◆
64	Git.- Jazz DI & Mikro Walzer		◆
65	Git.- Jazz DI & Mikro		
OB-Gitarre Renato			
72	Git.- Jazz Renato 2 Polka		
73	Git.- Jazz Renato 2 Walzer		
74	Git.- Jazz Renato 3 Polka		
75	Git.- Jazz Renato 3 Walzer		
Arpeggio Gitarren			
100	Nylon Gitarre slow Arpeggio		
101	Jazz Gitarre slow Arpeggio		

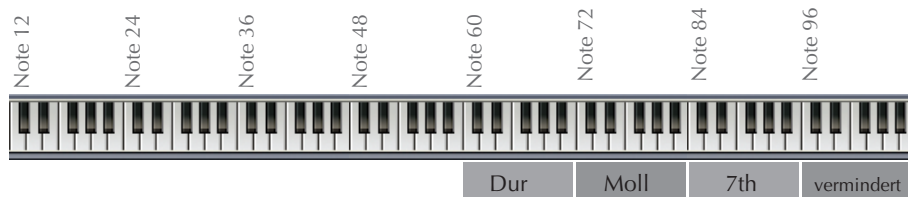
# Drum Kit (Channel 10)

ACOUSTIC STANDARD	
0	Standard
1	Pop 1
ROOM & OVERHEAD	
8	Standard
9	Pop 1
POWER KITS	
16	Rock 1
17	Rock 2
ELECTRONIC & DANCE	
24	Dance
25	Electric
26	808/909
27	808

ACOUSTIC JAZZ	
32	Light
DRUM KITS - ACOUSTIC BRUSH	
40	Medium 1
DRUM KITS - ACOUSTIC BRUSH	
48	Classic Percussion
49	Concert Band
DRUM KITS - Specials Accordion	
67	Drumkit mit cc56 Snare Hit - cc57 Cym

## Schema Akkordverteilung Layout

BANK 70



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

	Nr.	Prg. 0 + 1
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guiro short
D	74	Guiro long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute (5)
A	81	Triangle open (5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

	Nr.	Prg. 8 Overhead Kit	Prg. 9 Overhead Kit
G	7	Dance Kick	~
	8	Dance Kick	~
A	9	Dance Kick	~
	10	Dance Kick	~
	11	Dance Kick	~
C	12	Dance Kick	~
	13	Surdo Mute	~
D	14	Surdo Open	~
	15	Hi Q	~
E	16	Whipe Slap	~
F	17	Scratch	~
	18	Scratch	~
G	19	Finger Snap	~
	20	Click Noise	~
A	21	Metronom Click	~
	22	Metronom Bell	~
	23	Seq. Click	~
C	24	Seq. Click	~
	25	Brush Tap	~
D	26	Brush Swirl	~
	27	Brush Slap	~
E	28	Brush Tap Swirl	~
F	29	Snare Roll	~
	30	Castagnet	~
G	31	Snare soft QA 12x15 WFL	Snare soft QA 4x14SW
	32	Sticks	~
A	33	Bass Drum EZ GMS	Bass Drum EZ GMS 2
	34	Snare Var. QA 12x15 WFL	Snare Var. QA 4x14SW
	35	Bass Drum EZ GMS	Bass Drum EZ GMS 2
C	36	Bass Drum EZ GMS	Bass Drum EZ GMS 2
	37	Sidestick QA 12x15 WFL	Sidestick QA 4x14SW
D	38	Snare QA 12x15 WFL	Snare QA 4x14SW
	39	Clap	~
E	40	Snare RS QA 12x15 WFL	Snare Rimshot QA 4x14SW
F	41	Tom Low EZ GMS Overhead	~
	42	HiHat closed (0)	~
G	43	Tom Low EZ GMS Overhead	~
	44	HiHat Pedal (0)	~
A	45	Tom M. L. EZ GMS Overhead	~
	46	HiHat open (0)	~
	47	Tom M. EZ GMS Overhead	~
C	48	Tom High EZ GMS Overhead	~
	49	Crash Cymbal 1	~
D	50	Tom High High EZ GMS Ov.	~
	51	Ride Cymbal 1 [Repetition]	~
E	52	China Cymbal	~
F	53	Ride Cup	~
	54	Tambourin [Repetition]	~
G	55	Splash Cymbal	~
	56	Cowbell	~
A	57	Crash Cymbal 2	~
	58	Vibraslap	~
	59	Ride Cymbal 2 [Repetition]	~
C	60	Bongo high [Repetition]	~
	61	Bongo low [Repetition]	~
D	62	Conga mute [Repetition]	~
	63	Conga open [Repetition]	~

	Nr.	Prg. 8 + 9
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guiro short
D	74	Guiro long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute (5)
A	81	Triangle open (5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

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

	Nr.	Prg. 16 + 17
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guiro short
D	74	Guiro long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute (5)
A	81	Triangle open (5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

	Nr.	Prg. 24 Dance Kit	Prg. 25 Electro Kit	Prg. 26 808/909 Kit	Prg. 27 909 Kit
G	7	E-Kick	~	~	~
	8	E-Kick	~	~	~
A	9	E-Kick	~	~	~
	10	E-Kick	~	~	~
	11	E-Kick	~	~	~
C	12	E-Kick	~	~	~
	13	E-Kick	~	~	~
D	14	E-Kick	~	~	~
	15	Hi Q	~	~	~
E	16	Whipe Slap	~	~	~
F	17	Scratch	~	~	~
	18	Scratch	~	~	~
G	19	Finger Snap	~	~	~
	20	Click Noise	~	~	~
A	21	Metronom Click	~	~	~
	22	Metronom Bell	~	~	~
	23	Seq. Click	~	~	~
C	24	Seq. Click	~	~	~
	25	E-Kick	~	~	~
D	26	E-Kick	~	~	~
	27	E-Kick	~	~	~
E	28	E-Kick	~	~	~
F	29	E-Kick	~	~	~
	30	E-Kick	~	~	~
G	31	Elec Snare	~	~	~
	32	E-Kick	~	~	~
A	33	E-Kick	~	~	~
	34	Elec Snare	~	~	~
	35	Dance BD	Elec BD	909 BD	909 BD
C	36	Dance BD	Elec BD	808 BD	909 BD
	37	Rim 808	Rim 808	808 Rim	909 Rim
D	38	Elec Snare 1	Elec Snare	808 Snare	909 Snare
	39	Clap 808	Clap 808	Clap 808	Clap 808
E	40	Elec Snare 2	Elec Snare 2	909 Snare	909 Snare
F	41	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom
	42	HH 909	HH elec	808 HHat cl.	909 HHat cl.
G	43	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom
	44	HH 909	HH elec	808 HHat P.	909 HHat P.
A	45	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom
	46	HH 909	HH elec	808 HH. op.	909 HH. op.
	47	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom
C	48	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	909 Tom
	49	E-Crash 909	Crash 909	808 Cym	909 Cym
D	50	Elec Tom 909	Elec Tom 80 Lin.	808 Tom	90 Tom
	51	E-Ride 909	~	~	~
E	52	E-China	~	~	~
F	53	E-Cup 66	~	~	~
	54	E-Tamb. 77	~	~	~
G	55	E-Splash Cymbal	~	~	~
	56	E-Cowbell	~	~	~
A	57	E-Crash Cymbal 2	~	~	~
	58	E-Vibraslap	~	~	~
	59	E-Ride Cymbal 2	~	~	~
C	60	E-Bongo high	~	~	~
	61	E-Bongo low	~	~	~
D	62	E-Conga mute	~	~	~
	63	E-Conga open	~	~	~

	Nr.	Prg. 24 - 27
E	64	E-Conga low
F	65	E-Timbale high
	66	E-Timbale low
G	67	E-Agogo high
	68	E-Agogo low
A	69	E-Cabasa
	70	E-Maracas
	71	E-Whistle
C	72	E-Whistle
	73	E-Guiro short
D	74	E-Guiro long
	75	E-Claves
E	76	E-Woodblock low
F	77	E-Woodblock hi
	78	E-Cuica mute
G	79	E-Cuica open
	80	E-Triangle mute
A	81	E-Triangle open
	82	E-Shaker
	83	E-Jingle Bell
C	84	E-Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	E-Claps
D	110	E-Claps
	111	E-Claps
E	112	E-Claps
F	113	E-Claps
	114	E-Claps
G	115	E-Claps
	116	E-Claps
A	117	E-Claps
	118	E-Claps
	119	E-Claps
C	120	E-Claps
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

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

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

	Nr.	Prg. 32 + 40
E	64	Conga low [Repetition]
F	65	Timbale high [Repetition]
	66	Timbale low [Repetition]
G	67	Agogo high [Repetition]
	68	Agogo low [Repetition]
A	69	Cabasa [Repetition]
	70	Maracas [Repetition]
	71	Whistle
C	72	Whistle
	73	Guiro short
D	74	Guiro long
	75	Claves
E	76	Woodblock low
F	77	Woodblock hi
	78	Cuica mute
G	79	Cuica open
	80	Triangle mute(5)
A	81	Triangle open(5)
	82	Shaker
	83	Jingle Bell
C	84	Chimes
	85	Tamburin Hit 1
D	86	Tamburin Hit 2
	87	Tamburin Hit 3
E	88	Tamburin Hit 4
F	89	E-Snare
	90	E-Snare
G	91	E-Snare
	92	E-Snare
A	93	E-Snare
	94	E-Snare
	95	E-Snare
C	96	E-Snare
	97	E-Snare
D	98	E-Snare
	99	E-Snare
E	100	E-Snare
F	101	E-Snare
	102	E-Snare
G	103	E-Snare
	104	E-Claps
A	105	E-Claps
	106	E-Claps
	107	E-Claps
C	108	E-Claps
	109	Claps Hit 1
D	110	Claps Hit 2
	111	Claps Hit 3
E	112	Claps Hit 4
F	113	Stomp 1
	114	Stomp 2
G	115	Stomp 3
	116	Reverse Stomp
A	117	Reverse Snare
	118	Reverse Clap
	119	Reverse BD
C	120	HiHat Open 1/2
	121	Cym. Crash NL
D	122	Cym. Ride NL
	123	Cym. Cup NL
E	124	Cym. Splash NL
	125	Reverse Cym.

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

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

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

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



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

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

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

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

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

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



*Adjust volume of layered  
sounds with MIDI controller  
cc57 cymbals  
cc56 others*

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

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

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

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

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

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

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

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

	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

## V3SOUND - MIDI IMPLEMENTATION

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

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



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