

V3 Celtic Pro



Sound Manual

Accordion.co.uk

Safety precautions

SAFETY INSTRUCTIONS

- Read the user manual before using the device
- Do not allow any liquid to come in contact with the device
- Do not place anything on top of the device
- Do not handle the power supply with wet hands
- Turn off all connected devices before you connect any new devices

Do not use or store the device where it is exposed to:

- dampness or wetness
- extreme temperature changes (i.e. do not store in a vehicle in winter)
- strong vibrations or jolts



HANDLING

- Use only the original cables and power supply
- Remove the cable only by pulling on the plug, not on the cable
- Do not expose the power adapter to any mechanical stress

CUSTOMER SERVICE

Do not carry out any repairs at home, as this may result in permanent damage to the electronics. Any guarantee claims are no longer valid in this case.

ACCESSORIES

Manual and power

POWER REQUIREMENT

9VDC / 1.0A

HUMIDITY

max. 80%, non-condensing

OPERATING TEMPERATURE

10 to 40 degrees Celsius

Copyright

All the audio recordings V3SOUND uses on the sound boards are protected by copyright. V3SOUND alone has been given the right by all musicians involved to use this material. Any duplication, editing or any other copy of individual sounds by or given to a third party in any form (audio sampling CD, data storage device with individual sounds, download of any file, etc.) is strictly forbidden.

Copyright © 2019 V3SOUND - Austria

Specification

- Master Volume
- Master Reverb
- 4 GB flash memory
- 16 MIDI channels
- 4 audio out (2 stereo)
- Polyphony 256 voice
- Port available for 1 sustain foot pedal
- Dimensions: 12cm (L) x 12cm (W) x 6cm (H)
- Weight: 0.2 kg
- 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

LEGEND

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



TIP SILENCE

The program SILENCE can be found on all soundbanks on Program Change 127. The program allows you to „turn off“ a MIDI channel while playing.

If you want to mute a MIDI channel via a MIDI controller, etc., it is not that easy while playing. Just choose the Program Change 127 and the channel becomes mute, and can be played back at any time by sending a Program Change with a sound.



BANK 22 and higher

If you call up a sound in MSB Bank higher then 22 you get no sound.

User interface and ports



Connect

To avoid possible damage to the loud speakers or other connected electronic devices, always connect all cables before turning on the amplifier. Turn on the SQUEEZE Easy first before turning on any active loud speakers or amplifiers.

- 1 Make sure the POWER switch on the back of the device is in the OFF position (LED light is not on).
- 2 Plug the power adapter that came with the device into the DC port on the back of the unit.
- 3 Plug the other end of the power adapter into a power outlet. Make sure that the adapter is compatible with the power supply.
- 4 Connect the audio outputs to an amplifier, active loudspeakers or headphones.
- 5 Connect the MIDI or USB cable to the unit.

To turn on

Before you turn the device on or off, make sure that all connected audio devices that amplify the audio signal (mixer, amplifier, active loud speakers) have their volumes turned down.

- 1 Press the POWER ON/OFF switch on the back of the device.
- 2 Turn up the unit MAIN VOLUME knob to adjust the volume.
- 3 Adjust the volume on your mixer or active loudspeaker.

Connect – USB keys

The V3 unit can be connected to any USB Audio Class 1 compatible keyboard. The SQUEEZE Easy can supply your USB keyboard with a maximum of 500mA.

If your keyboard requires more than 500mA, you will need an external power supply.

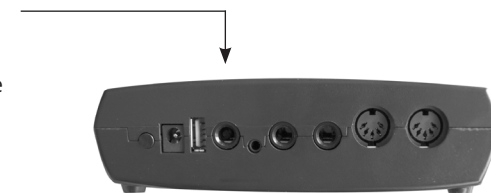
Just plug in your USB keyboard here.



Foot pedal

The polarity of the sustain foot pedal is set up automatically when you turn on the V3 unit. The pedal only works on MIDI channel 1.

Connect the foot pedal before turning on the device.



Aux out - 2nd stereo out

To use the AUX OUT for any MIDI channel, you must manually change the 4 internal switches and send a MIDI message on the specified MIDI channel.

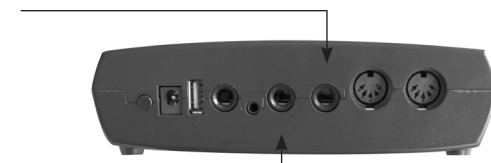
The connection changes from 2 mono jacks to 2 stereo jacks.

One stereo jack gives you the MAIN stereo; the other one the AUX stereo.



STEREO L + R standard = BABAA (grafic)

STEREO + AUX = BBABB



Select sounds

The SQUEEZE Easy sound board is a 16-channel, multi-timbral MIDI tone generator. Change sounds by sending a program change through MIDI.

Sustain pedal grabbing and the half pedal function are only active on MIDI channel 1.



ABOUT POLYPHONY

The unit offers 256 mono voices. Many sounds of the SQUEEZE Easy use 6 voices per note.

If you hit 10 notes at the same time, 60 voices are used. If you hold down the sustain pedal, the 60 voices are sustained and still in use. If you play again, 60 more voices are needed.

So, do not forget to release the sustain pedal! If you exceed the Polyphony, a clicking sound is audible.

General MIDI

Bank MSB 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 MSB 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

Variation

Bank MSB 55

Sound bank 55 offers the same sounds as GM sound bank 0, but all sounds have more volume and use OSC overlapping.

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

Variation

Bank MSB 55

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

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

The following sound banks contain guitar recordings of the chords:

Major - Minor - Sept 7th - Dim.

When you press a key, a complete chord sounds.

When you press the C major chord key on your MIDI accordion, three notes are output from your MIDI system - C, E, G. These three notes are not very suitable for simulating a guitar, however

1. only 3 strings sound (too few notes),
2. also in the wrong pitch -
Chords on the guitars
handled differently than on the piano.

The use of original guitar chord recordings makes it possible to better simulate the sound of a rhythm guitar.

To use these special chord samples it is necessary that your MIDI system has a special functionality.

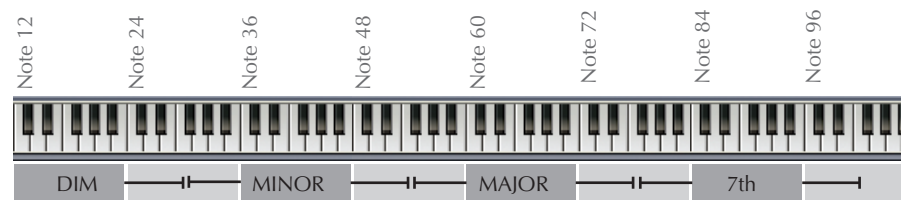
You can find out from your MIDI system partner whether your MIDI system has this function and how to activate this function.



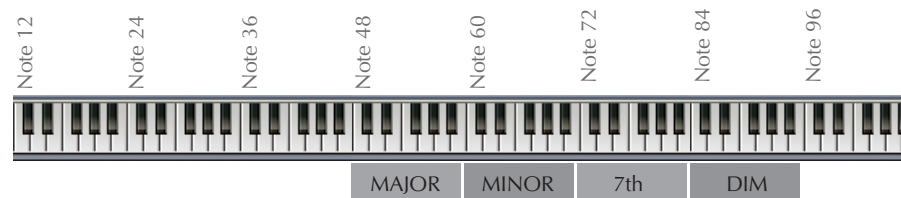
JAZZ CHORDS - EXTENDED CHORD

It's not possible to use this sounds for extended Jazz chord.

Layout 1 - MSB43



Layout 2 - MSB 44



Chord Guitar 1 MSB 43

Nylon Guitar Chords	
0	short
1	long
Jazz Guitar - Microphon	
2	short
3	long
Jazz Guitar - Amp & Microphon	
4	short
5	long

Chord Guitar 2 MSB 44

Nylon Guitar Chords	
0	short
1	long
Jazz Guitar - Microphon	
2	short
3	long
Jazz Guitar - Amp & Microphon	
4	short
5	long

sound pack

celtic



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

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

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

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

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

Mandolin	
70	Mandolin
Steel Guitar	
71	Steel Guitar
Piano	
72	Grand Piano - full dynamic
73	Grand Piano - very soft dynamic
74	Grand Piano - soft dynamic
75	Grand Piano - medium dynamic
76	Grand Piano - hard dynamic
77	Grand Piano - no velocity
Contrabass	
78	Contrabass
79	Contrabass more release
80	CB more finger noise
81	CB more finger noise& release
82	CB no finger noise
83	CB no finger noise & release
Noise partial	
116	Key off
117	Attack layer linear
118	Attack layer concave
119	Attack Layer concave offset 50
Drums	
120	Manual Drums - Kick & Cymbals
121	Manual Drums - Scot & Cymbals
122	Manual Dr. - Scot NO Cymbals
123	Manual Drums - PipeBand
Bodhran slices (for MIDI-files)	
124	Bodhran slices 1
125	Bodhran slices 2
126	Bodhran slices 3

PRG. 120			
C	12	Ride Repetition	cc56
	~		
	23		
C	24	Ride Repetition velocity 1-127	cc56
	~		
	35		
		Bass Drum	cc57
C	36	Ride Repetition velocity 1-115	cc56
	~		
	47	Crash Repetition velocity 116-127	
		Bass Drum	cc57
C	48	Bass Drum	cc57
	~		
	59		
C	60	HiHat Pedal	cc56
	~		
	71		
C	72	HiHat Pedal	cc56
	~		
	83	Bass Drum	cc57

PRG. 123	
2-4	Concert BD
5-7	Concert BD
8-10	Concert BD
11-13	Concert BD
17-19	Concert BD
20-22	Concert BD
24-36	Tenor Tom
37	Pipe Snare (cc56) + roll (cc57)
38	Pipe Snare (cc56) + roll (cc57)
39-45	Pipe Snare
48-59	Pipe Snare
62-67	Pipe Snare flam
70-73	Pipe Snare 1st
76-79	Pipe Snare roll
81-82	Pipe Snare open roll
84-87	Pipe Band Snare group
89-96	Pipe Band Snare group
98-101	Pipe Band Snare group
108-111	Sound
120-122	OFF

PRG. 121+122		
1	Snare roll	
2	Snare roll	
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	
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	
A 117	Stick 3 Roll & Ride	
	118 Stick 3 Roll & HiHat	
	119 Concert BD and Cymbal	
C 120	Concert BD and Cymbal open	
	121 Concert BD low	
D 122	Concert BD	
	123 Concert BD	
E 124	Concert BD	
	125 Concert Cymbal medium	
	126 Concert Cymbal open	



Prg. 122
 Adjust volume of layered sounds
 with MIDI controller
 cc56 cymbals
 cc57 drums

Prg. 121
 no Cymbal layer

Accordions

MSB 72

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

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

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

Accordions

MSB 72

	Melodeons & more		
81	HOH	Corso 888 Vintage	
82	WEM	8 Reed	
83	WEM	8+8 small	
84	WEM	8+8 medium	
85	WEM	8+8 wide	
86	WEM	8+8+8 small	
87	WEM	8+8+8 medium	
88	WEM	8+8+8 wide	
89	WEM	888	
90	WEM	888+8	Exm
91	WEM	8+16	
92	SER	88	
93	VIC	Bandoneon	
94	ACD	Accordina	

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



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

Accordion Bass		
99	SCA	VI Bass
100	VIC	Bass
101	BUG	Bass 16
102	BUG	Bass 8
103	BUG	Bass 4
104	BUG	Bass 2
105	BUG	Bass 16+8
106	BUG	Bass 16+8+4
107	SCA	VI Bass + BUG Bass 16
Accordion Chord		
108	SCA	VI Chord (Octave break 47/48) (OCB)
109	BUG	4
110	BUG	8
111	BUG	4+8
112	BUG	2+4
Melodeon		
113	WEM	Melodeon Bass
114	WEM	Melodeon Bass less Attack noise
115	WEM	Melodeon Chord note 60-71 (OCB)
Noise and partial		
122	V3	Reed Attack Musette NEW
123	V3	Key OFF
124	V3	Attack Layer linear
125	V3	Attack Layer concave
126	V3	Attack Layer concave offset 50

Organ

Bank MSB 73

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	
23	German Organ DB slow	
24	German Organ DB fast	
25	German Organ FL slow	
26	German Organ FL fast	
27	Version UK	

Organ

Bank MSB 73

Prg.		
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	

Winds

Bank MSB 74

Prg.		
0	Trumpet 1	velo. split 64
1	Trumpet 1	piano only
2	Trumpet 1	mezzo only
3	Trumpet 2 Ivan	4 velocity split
4	Trumpet 2 Ivan 1/4 note	4 velocity split
5	Trumpet 3 Vibrato	5 velocity split
6	Trumpet 3 Vibrato soft	3 velocity split - soft version
7	Cornet	
8	Cornet	soft
9	Flugelhorn	
10	Trombone Vibrato	
11	Trombone Mute	
12	Tenorhorn Vibrato	
13	Baritone horn Vibrato	
14	Baritone horn staccato	
15	Tuba	
16	Tuba soft	
17	Soprano Sax	dynamic split
18	Soprano Sax II more Vibrato	
19	Alto Sax softer	softer zones
20	Tenor Sax softer	softer zones
21	Max Jazz Tenor	velo. split 116
22	Tenor Sax Funky	
23	Tenor Sax Funky growl	
24	Sax Section 1	
25	Sax Section 2	
26	Clarinet	
27	Hugo Clarinet - no loop	
28	Flute	

Choir

Bank MSB 74

Prg.		
29	Classic Choir Aah	
30	Classic Choir Aah	Filter
31	Classic Choir Ooh	
32	Classic Choir Ooh	Filter
33	Choir Pop Ooh	
34	Choir Pop Ooh	Filter
35	Synth Voice	
36	Classic Voice	
37	Boys Aah	
38	Boys Bap	
39	Boys Daa	
40	Boys Doo Bass	
41	Boys Doo	
42	Boys Falsetto Ooh	
43	Boys Hmm	
44	Boys Laa	
45	Boys Mix Ooh	
46	Boys Ooh	
47	Girls Aah	
48	Girls Doo	
49	Girls Ooh	
50	Voiceless	
51	Voice Kit	

Bass

Bank MSB 74

Prg.		
52	E-Bass 1	
53	E-Bass 1 & Note-off	
54	E-Bass 1 Slide	velocity zone 116-127 Slide
55	E-Bass 2	
56	E-Bass 2 & Note-off	
57	E-Bass 3	
58	E-Bass 3 Slide	velocity zone 116-127 Slide
59	E-Bass 4	
60	E-Bass 5 Picking 1	
61	E-Bass 5 Picking 1 & Note-off	
62	E-Bass 6 Picking 2	
63	E-Bass 6 Picking 2 & Note-off	
64	E-Bass 7	
65	E-Bass 7	Repetition
66	E-Bass 7 & Note-off	Repetition
67	E-Bass Fretless	
68	E-Bass Slap 1	
69	E-Bass Slap 1 & Note-off	
70	E-Bass Slap 2	
71	E-Bass Slap 2 & Note-off	
72	Upright Jazz Bass	Random fretboard noise
73	Upright Jazz Bass & Note-off	Random fretboard noise
74	Upright Jazz Bass	velocity split at 96 & 105 fretboard noise
75	Upright Jazz Bass & Note-off	velocity split at 96 & 105 fretboard noise
76	Upright Jazz Bass	velocity split 120 fretboard noise
77	Upright Jazz Bass & Note-off	velocity split 120 fretboard noise
78	Upright Jazz Bass	no finger Attack
79	Upright Bass	finger Attack
80	Upright Bass	more finger Attack
81	Upright Bass	no finger Attack
82	Upright Bass DI	
83	Upright Bass DI	no finger Attack
84	Upright Bass DI long Release	
85	Upright Bass DI long Release	no finger Attack
86	Bowed Upright Bass	
87	Bowed Upright Bass	shorter Release

Synthesizer

Bank MSB 74

Prg.	
88	Bells & Pad
89	Digital Pad
90	OBX & Wavebell
91	DX1 Toy
92	Star Theme
93	Brightness
94	OB & Noise
95	Atmos
96	Brass Comp
97	Brass Rex
98	Polysynth Classic
99	Halo Pad
100	Caliope
101	Pad 1
102	Pad 2

Bank 75 Bass and Chords - Special Sounds



These sounds are for midi systems with a basic controller and only 3-4 channels.

Using these sounds you can call up

1 Bass and Chord sounds which have different “lowest” notes

2 Bass and Chord “layered” sounds for use on only one channel e.g 2 or 3 sounds mixed together.

Many midi systems have lowest notes fixed as “C” for bass and chords.

Bass sounds 1 octave only

Bank MSB 75

Prg.		lowest note
0	Piano Bass	A
1	Piano Bass	F#
2	Piano Bass	E
3	Contrabass 2	A
4	Contrabass 2	F#
5	Contrabass 2	E
6	E-Bass	A
7	E-Bass	F#
8	E-Bass	E
9	A bass 1 no finger noise	A
10	A bass 1 no finger noise	F#
11	A bass 1 no finger noise	E
12	A bass 1	A
13	A bass 1	F#
14	A bass 1	E
15	Jazz A bass & Finger noise	A
16	Jazz A bass & Finger noise	F#
17	Jazz A bass & Finger noise	E
18	Tuba	Cis
19	German Bariton & Bass	
20	German Bass Layer Horn	Cis
21	Orchestra String Bass	A
22	Orchestra String Bass	F#
23	Orchestra String Bass	E

Chord sounds 1 octave only

Bank MSB 75

Prg.		
24	Grand Piano	lowest note F#
25	Grand Piano no velo.	lowest note F#
26	E-Piano	lowest note F#
27	Spanish Nylon	lowest note F#
28	Acoustic Guitar	lowest note F#
29	Rhythm Guitar	lowest note F#
30	Orchestra Strings	lowest note F#
31	Orchestra Strings fast	lowest note F#
32	Orchestra Strings slow	lowest note F#
33	Choir	lowest note F#
34	Pad	lowest note F#
35	Organ	lowest note C
36	Organ 2	lowest note F#
37	Accordion Harmon	lowest note F#

LAYERED Chord sounds 1 octave only

Prg.		
38	Piano & Strings	lowest note F#
39	Piano & Synth Strings	lowest note F#
40	Piano & Choir	lowest note F#
41	Piano & Pad	lowest note F#
42	Piano & Organ	lowest note F#
43	Piano & Organ 2	lowest note C
44	Piano & Accordion Harmon	lowest note F#
45	Rhythm Git & Strings	lowest note F#
46	Rhythm Git & Synth Strings	lowest note F#
47	Rhythm Git & Choir	lowest note F#
48	Rhythm Git & Pad	lowest note F#
49	Rhythm Git & Organ	lowest note C
50	Rhythm Git & Organ 2	lowest note F#
51	E-Piano & Pad	lowest note F#

LAYERED Bass sounds 1 octave only

Bank MSB 75

Prg.		
52	Contrabass Piano	
53	Contrabass & Strings	
54	Contrabass & Synth Strings	
55	Contrabass & Piano	like prg. 0 - but mono
56	E-Bass & Piano	
57	E-Bass & Piano & Strings	
58	E-Bass & Piano & Synth Strings	

LAYERED Chord sounds 1 octave - MIDI controller 56 57

Prg.		lowest note
59	Piano & Strings	first sound MIDI controller 56 - second cc57
60	Piano & Synth Strings	
61	Piano & Choir	
62	Piano & Pad	
63	Piano & Organ	
64	Piano & Organ 2	
65	Piano & Accordion Harmon	
66	Rhythm Git & Strings	
67	Rhythm Git & Synth Strings	
68	Rhythm Git & Choir	
69	Rhythm Git & Pad	
70	Piano & Organ	
71	Piano & Organ 2	
72	E-Piano & Pad	
73	Guitar Noise	
127	Silence	



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

MIDI-Sysex can change any Part DRUM MODE.

DRUM KITS	
0	Drum - General MIDI HQ
1	Drum - General MIDI HQ Pop
8	Drum Hit Kit
16	Studio Kit
24	Drum Electro 80
25	Drum Computer 808/909
26	Drum 909
27	Drum Electro Vintage
28	Drum Dance Kit
30	Drum Dance Kit
31	Drum Dance Kit
32	Drum Jazz Stick Kit
40	Drum Brush Kit
45	Multi Layer A
46	Multi Layer Brush
47	Multi Layer B
48	Orchestra Kit
61	Orchestra Kit

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

	Nr.	Kit 0	Kit 8	Kit 16	Kit 24	Kit 25	Kit 26	Kit 27	Kit 28	Kit 30	Kit 31	Kit 32	Kit 40	Kit 48	Kit 61
E	64	Conga low	~	~	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	Conga elec.	~	~	~	Concert Cy.
F	65	Timbale high	~	~	~	~	~	~	~	~	~	~	~	~	Concert Cy.
	66	Timbale low	~	~	~	~	~	~	~	~	~	~	~	~	C. Cy. Roll
G	67	Agogo high	~	~	~	~	~	~	~	~	~	~	~	~	
	68	Agogo low	~	~	~	~	~	~	~	~	~	~	~	~	
A	69	Cabasa	~	~	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	Cabasa elec.	~	~	~	
	70	Maracas	~	~	Maracas el.	Maracas el.	Maracas el.	Maracas el.	Maracas el.	Maracas el.	Maracas el.	~	~	~	
	71	Whistle (2)	~	~	~	~	~	~	~	~	~	~	~	~	
C	72	Whistle (2)	~	~	~	~	~	~	~	~	~	~	~	~	Triangle op.
	73	Guiro short (3)	~	~	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	~	~	~	Triangle mu.
D	74	Guiro long (3)	~	~	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	Guiro elec.	~	~	~	Triangle roll
	75	Claves	~	~	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	Claves elec.	~	~	~	
E	76	Woodblock low	~	~	~	~	~	~	~	~	~	~	~	~	
F	77	Woodblock hi	~	~	~	~	~	~	~	~	~	~	~	~	Wind. dwn.
	78	Cuica mute (4)	~	~	~	~	~	~	~	~	~	~	~	~	Wind. up
G	79	Cuica open (4)	~	~	~	~	~	~	~	~	~	~	~	~	
	80	Triangle mute(5)	~	~	~	~	~	~	~	~	~	~	~	~	
A	81	Triangle open(5)	~	~	~	~	~	~	~	~	~	~	~	~	
	82	Shaker	~	~	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	Shaker elec.	~	~	~	
	83	Jingle Bell	~	~	~	~	~	~	~	~	~	~	~	~	
C	84	Bell Tree	~	~	~	~	~	~	~	~	~	~	~	~	
	85	Castanet	~	~	Zap	Zap	Zap	Zap	Zap	Zap	Zap	~	~	~	
D	86	Surdo mute (6)	~	~	~	~	~	~	~	~	~	~	~	~	
	87	Surdo open (6)	~	~	~	~	~	~	~	~	~	~	~	~	
E	88														
F	89													Applaus	Applaus
	90	Bass Dr. 1 mp	BD 3	BD 5								BD 7	BD 7	~	C. Snare pp
G	91	Bass Dr. 1 mf	~	~								~	~	~	C. Snare p
	92	Bass Dr. 1 f	~	~								~	~	~	C. Snare mp
A	93	Bass Dr. 1 ff	~	~								~	~	~	C. Snare mf
	94	Bass Dr. 1 mp	~	~								~	~	~	C. Snare f
	95	Bass Dr. 1 mf	BD 4	BD 6								BD 8	BD 8	~	C. Snare ff
C	96	Bass Dr. 1 f	~	~								~	~	~	C. Snare pp
	97	Bass Dr. 1 ff	~	~								~	~	~	C. Snare p
D	98	Hi-Hat Pedal (7)	~	~								~	~	~	C. Snare mp
	99	Hi Hat cl. Tip	~	~								~	~	~	C. Snare mf
E	100	Hi Hat cl. Pearl	~	~								~	~	~	C. Snare f
F	101	Hi Hat cl. Pearl	~	~								~	~	~	C. Snare ff
	102	Hi H. cl. Shaft 1	~	~								~	~	~	Snare Roll p
G	103	Hi H. cl. Shaft 2	~	~								~	~	~	Snare Roll p
	104	Hi Hat med. 1	~	~								~	~	~	Snare Roll m
A	105	Hi Hat med. 2	~	~								~	~	~	Snare Roll m
	106	Hi Hat Open 1	~	~								~	~	~	Snare Roll f
	107	Hi Hat Open 2	~	~								~	~	~	Snare Roll f
C	108	Hi Hat Splash	~	~								~	~	~	Snare Ro.dyn
	109	Hi Hat Open 3	~	~								~	~	~	Snare Ro.dyn
D	110	Ride Pearl	~	~								~	~	~	Snare Ro.dyn
	111	Ride Pearl retrig	~	~								~	~	~	Snare Ro.dyn
E	112	Ride Cup	~	~								~	~	~	Snare Ro.dyn
F	113	Ride Cup retrig.	~	~								~	~	~	Snare Ro.dyn
	114	Ride Shaft (8)	~	~								~	~	~	Opera Gong
G	115	Ride Shaft retrig.	~	~								~	~	~	Opera Gong
	116	Ride Chock (8)	~	~								~	~	~	Opera Gong
A	117	Cym Crash 1 (9)	~	~								~	~	~	Opera Gong
	118	Cym Splash (9)	~	~								~	~	~	Opera Gong
	119	Cym Crash 2 (9)	~	~								~	~	~	Opera Gong
C	120	Cym Chock (9)	~	~								~	~	~	Opera Gong
	121														
D	122												Brush 1.	Cym. O. s (1)	Opera Gong
	123												Brush 2.	Cym. O. s	Opera Gong
E	124												Brush 3.	Cy. O. m (1)	Opera Gong
F	125												Brush Rm	Cy. O. m	Opera Gong
	126												Brush metal	Cy. . open(1)	Opera Gong
G	127												Brush A	Cy. O. op. (1)	Opera Gong
													Brush B		Intro Tune

DRUM KIT 45

MULTI LAYER A

Note Nr.		C	60	Snare accent 1
	3		61	Snare accent 2
E	4			
F	5		62 - 67	Snare single stick
	6			
G	7		68 - 73	Snare flam short
	8			
A	9		74 - 78	Snare flam medium A
	10			
	11		79 - 81	Snare flam med. no attack
C	12			
	13		82	Snare roll loop accent
D	14			
	15		83 - 85	Snare roll loop no attack
E	16			
F	17	D	86	Snare click
	18 - 21			
	22		87	Stick & roll * roll soft fade in
	23	E	88	Stick & roll * roll 2
C	24	F	89	Stick & roll * roll 3
	25		90	Stick & roll * roll 4
D	26			
	27	G	91	HiHat Pedal A (3)
E	28		92	HiHat Pedal B (3)
F	29	A	93	HiHat Pedal C (3)
	30		94	HiHat closed A (3)
G	31		95	HiHat closed B (3)
	32	C	96	HiHat open (3)
A	33			
	34		97	Bass Dr. 1 ff
	35			
C	36	D	98	HiHat Pedal (7)
	37		99	Hi Hat cl. Tip
D	38	E	100	Hi Hat cl. Pearl
	39	F	101	Hi Hat cl. Pearl
E	40		102	Hi H. cl. Shaft 1
F	41	G	103	Hi H. cl. Shaft 2
	42		104	Hi Hat med. 1
G	43	A	105	Hi Hat med. 2
	44		106	Hi Hat Open 1
A	45		107	Hi Hat Open 2
	46	C	108	Hi Hat Splash
	47		109	Hi Hat Open 3
C	48			
	49	D	110	Ride Pearl
D	50		111	Ride Pearl retrig
	51	E	112	Ride Cup
E	52	F	113	Ride Cup retrig.
	53		114	Ride Shaft (8)
F	54	G	115	Ride Shaft retrig.
	55		116	Ride Chock (8)
G	56	A	117	Cym Crash 1 (9)
	57		118	Cym Splash (9)
A	58		119	Cym Crash 2 (9)
	59	C	120	Cym Chock (9)

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

DRUM KIT 46

BRUSH MULTI LAYER

Note Nr.		60 - 67	SCOTLAND brush tap
	3		
E	4		
F	5	68 - 71	SC Brush tap shallow A
	6		
G	7	72 - 75	SC Brush swish
	8		
A	9	76 - 79	SC Brush swirl short A
	10		
	11	80 - 83	SC Brush swirl long loop A
C	12		
	13	84 - 86	SC Brush roll A
	14 - 24		
	25		87 SC Brush Mix A
D	26	E	88 SC Brush Mix A long swirl
	27	F	89 SC Brush Mix B
E	28		90 SC Brush Mix B long swirl
F	29		
	30	G	91 SC HiHat Pedal A (3)
	31		92 SC HiHat Pedal B (3)
G	32	A	93 SC HiHat Pedal C (3)
	33		94 SC HiHat closed A (3)
A	34		95 SC HiHat closed B (3)
	35	C	96 SC HiHat open (3)
C	36		97 Bass Jazz 1
	37	D	98 HiHat Pedal (7)
D	38		99 Hi Hat cl. Tip
	39	E	100 Hi Hat cl. Pearl
E	40	F	101 Hi Hat cl. Pearl
F	41		102 Hi H. cl. Shaft 1
	42	G	103 Hi H. cl. Shaft 2
G	43		104 Hi Hat med. 1
	44	A	105 Hi Hat med. 2
A	45		106 Hi Hat Open 1
	46		107 Hi Hat Open 2
	47		
		C	108 Hi Hat Splash
C	48		109 Hi Hat Open 3
	49	D	110 Ride Pearl
D	50		111 Ride Pearl retrig
	51	E	112 Ride Cup
E	52	F	113 Ride Cup retrig.
	53		114 Ride Shaft (8)
F	54	G	115 Ride Shaft retrig.
	55		116 Ride Chock (8)
G	56	A	117 Cym Crash 1 (9)
	57		118 Cym Splash (9)
A	58		119 Cym Crash 2 (9)
	59	C	120 Cym Chock (9)

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

DRUM KIT 47

MULTI LAYER B

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

	84 - Portamento control	
	91 - Reverb send	
	93 - Chorus send	
	120 - All sound off	
	121 - Reset all controllers	
	123 - All note off	
	126 - Mono-mode	
	127 - Poly-mode	
RPN 0000H	BnH 65H 00H 64H 00H 06H vv	Pitch bend sensitive in semitone (default=2)
RPN 0001H Fine tune in cent	BnH 65H 00H 64H 01H 06H vv	vv=00 -100 vv=40H 0 vv=7FH +100
RPN 0002H Coarse tune half tone	BnH 65H 00H 64H 02H 06H vv	vv=00 -64 vv=40H 0 vv=7FH +64
NRPN 18rrH	BnH 63H 18H 62H rr 06H vv	Pitch coarse of perc. rr in semitone (vv=40H->no modif)
NRPN 1ArrH	BnH 63H 1AH 62H rr 06H vv	Level of perc. sound rr (vv=00 to 7FH)
NRPN 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,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

www.Accordion.co.uk