CleanWave32®

Part # GMBK9732.BIN

4MB GM Sound Bank
for SAM2000 series ICs

- Full GM implementation with top quality additional sounds
- 128 General MIDI sounds
- 195 Variation sounds including sound effects
- 9 drum sets + 1 SFX set
- Licensing conditions: contact Dream sales office

General MIDI logo under license of MIDI Manufacturers Association
Cited trademarks belong to their respective owners

MAIN SOUNDS - GENERAL MIDI (all channels except 10)

PC: Program change

PC	GENERAL MIDI	PC	GENERAL MIDI	PC	GENERAL MIDI	PC	GENERAL MIDI
1	(Grand) Piano 1	33	Acoustic Bass	65	Soprano Sax	97	FX 1 (rain)
2	(Bright) Piano 2	34	Finger Bass	66	Alto Sax	98	FX 2 (soundtrack)
3	(El. Grd) Piano 3	35	Picked Bass	67	Tenor Sax	99	FX 3 (crystal)
4	Honky-tonk Piano	36	Fretless Bass	68	Baritone Sax	100	FX4 (atmosphere)
5	El. Piano 1	37	Slap Bass 1	69	Oboe	101	FX 5 (brightness)
6	El. Piano 2	38	Slap Bass 2	70	English Horn	102	FX 6 (goblins)
7	Harpsichord	39	Synth Bass 1	71	Bassoon	103	FX 7 (echoes)
8	Clavi	40	Synth Bass 2	72	Clarinet	104	FX 8 (sci-fi)
9	Celesta	41	Violin	73	Piccolo	105	Sitar
10	Glockenspiel	42	Viola	74	Flute	106	Banjo
11	Music Box	43	Cello	75	Recorder	107	Shamisen
12	Vibraphone	44	Contrabass	76	Pan Flute	108	Koto
13	Marimba	45	Tremolo Strings	77	Blown Bottle	109	Kalimba
14	Xylophone	46	Pizzicato Strings	78	Shakuhachi	110	Bag pipe
15	Tubular Bells	47	Orchestral Harp	79	Whistle	111	Fiddle
16	Santur	48	Timpani	80	Ocarina	112	Shanai
17	Drawbar Organ	49	String Ensemble 1	81	Lead 1 (square)	113	Tinkle Bell
18	Percussive Organ	50	String Ensemble 2	82	Lead 2 (sawtooth)	114	Agogo
19	Rock Organ	51	Synth Strings 1	83	Lead 3 (calliope)	115	Steel Drums
20	Church Organ	52	Synth Strings 2	84	Lead 4 (chiff)	116	Woodblock
21	Reed Organ	53	Choir Aahs	85	Lead 5 (charang)	117	Taiko Drum
22	Accordion (french)	54	Voice Oohs	86	Lead 6 (voice)	118	Melodic Tom
23	Harmonica	55	Synth Voice	87	Lead 7 (fifths)	119	Synth Drum
24	Tango Accordion	56	Orchestra Hit	88	Lead8 (bass+lead)	120	Reverse Cymbal
25	Ac. Guitar (nylon)	57	Trumpet	89	Pad 1 (fantasia)	121	Gt. Fret Noise
26	Ac. Guitar (steel)	58	Trombone	90	Pad 2 (warm)	122	Breath Noise
27	El. Guitar (jazz)	59	Tuba	91	Pad 3 (polysynth)	123	Seashore
28	El. Guitar (clean)	60	Muted Trumpet	92	Pad 4 (choir)	124	Bird Tweet
29	El. Guitar (muted)	61	French Horn	93	Pad 5 (bowed)	125	Teleph. Ring
30	Overdriven Guitar	62	Brass Section	94	Pad 6 (metallic)	126	Helicopter
31	Distortion Guitar	63	Synth Brass 1	95	Pad 7 (halo)	127	Applause
32	Guitar harmonics	64	Synth Brass 2	96	Pad 8 (sweep)	128	Gunshot

dream

SOUND VARIATIONS (all channels except 10)

To select variation: send CTRL 0, then PC

PC: Program change
C0: controller 0 value (zero for General Midi capital sounds)

Sound names conventions:
w - pan type sound (low notes sent to left, high notes sent to right)
d - other velocity response
v - velocity split type sound
o - special release on sound

PC	GENERAL MIDI	C0	1st VAR	C0	2nd VAR	C0	3rd VAR
1	(Grand) Piano 1					127	Acou Piano 1
2	(Bright) Piano 2						Acou Piano 2
3	(El. Grd) Piano 3						Acou Piano 3
4	Honky-tonk Piano						Elec Piano 1
5	El. Piano 1	8	Detuned EP 1				Elec Piano 2
6	El. Piano 2	8	Detuned EP 2				Elec Piano 3
7	Harpsichord	8	Coupled Hps.				Elec Piano 4
8	Clavi						Honky Tonk
9	Celesta						Elec Org 1
10	Glockenspiel						Elec Org 2
11	Music Box						Elec Org 3
12	Vibraphone						Elec Org 4
13	Marimba						Pipe Org 1
14	Xylophone						Pipe Org 2
15	Tubular Bells	8	Church Bell	9	Carillon		Pipe Org 3
16	Dulcimer (Santur)						Accordion
17	Drawbar Organ	8	Det. Organ 1				Harpsi 1
18	Percussive Organ	8	Det. Organ 2				Harpsi 2
19	Rock Organ						Harpsi 3
20	Church Organ	8	Ch. Organ 2				Clavi 1
21	Reed Organ						Clavi 2
22	Accordion (french)	8	Acc. (Italian)				Clavi 3
23	Harmonica						Celesta 1
24	Tango Accordion						Celesta 2
25	Ac. Guitar (Nylon)	8	Ukulele				Syn Brass 1
26	Ac. Guitar (Steel)	8	12-str. Guitar	16	Mandolin		Syn Brass 2
27	El. Guitar (jazz)	8	Hawaiian Gt.				Syn Brass 3
28	El. Guitar (clean)	8	Chorus Gt.				Syn Brass 4
29	El. Guitar (muted)	8	Funk Gt.				Syn Bass 1
30	Overdriven Guitar						Syn Bass 2
31	Distortion Guitar	8	Feedback Gt.				Syn Bass 3
32	Guitar harmonics	8	Gt. Feedback				Syn Bass 4
33	Acoustic Bass						Fantasy
34	Finger Bass						Harmo Pan
35	Picked Bass						Chorale
36	Fretless Bass						Glasses
37	Slap Bass 1						SoundTrack
38	Slap Bass 2						Atmosphere
39	Synth Bass 1	8	Synth. Bass 3				Warm Bell
40	Synth Bass 2	8	Synth. Bass 4				Funny Vox

PC	GENERAL MIDI	C0	1st VAR	C0	2nd VAR	C0	3rd VAR
41	Violin					127	Echo Bell
42	Viola						Ice Rain
43	Cello						Obeo 2001
44	Contrabass						Echo Pan
45	Tremolo Strings						Doctor Solo
46	Pizzicato Strings						School Daze
47	Orchestral Harp						BellSinger
48	Timpani						Square Wave
49	String Ensemble 1	8	Orchestra				Str Sect 1
50	String Ensemble 2						Str Sect 2
51	Synth Strings 1	8	Syn Strings 3				Str Sect 3
52	Synth Strings 2						Pizzicato
53	Choir Aahs						Violin 1
54	Voice Oohs						Violin 2
55	Synth Voice						Cello 1
56	Orchestra Hit						Cello 2
57	Trumpet						Contrabass
58	Trombone						Harp 1
59	Tuba						Harp 2
60	Muted Trumpet						Guitar 1
61	French Horn						Guitar 2
62	Brass Section	8	Brass 2				Elec Gtr 1
63	Synth Brass 1	8	Syn Brass 3				Elec Gtr 2
64	Synth Brass 2	8	Syn Brass 4				Sitar
65	Soprano Sax						Acou Bass 1
66	Alto Sax						Acou Bass 2
67	Tenor Sax						Elec Bass 1
68	Baritone Sax						Elec Bass 2
69	Oboe						Slap Bass 1
70	English Horn						Slap Bass 2
71	Bassoon						Fretless 1
72	Clarinet						Fretless 2
73	Piccolo						Flute 1
74	Flute						Flute 2
75	Recorder						Piccolo 1
76	Pan Flute						Piccolo 2
77	Blown Bottle						Recorder
78	Shakuhachi						Pan Pipes
79	Whistle						Sax 1
80	Ocarina						Sax 2
81	Lead 1 (square)	1	Square	8	Sine Wave		Sax 3
82	Lead 2 (sawtooth)	1	Saw				Sax 4
83	Lead 3 (calliope)						Clarinet 1
84	Lead 4 (chiff)						Clarinet 2
85	Lead 5 (charang)						Obeo
86	Lead 6 (voice)						Engl Horn
87	Lead 7 (fifths)						Bassoon
88	Lead8 (bass+lead)						Harmonica
89	Pad 1 (new age)						Trumpet 1
90	Pad 2 (warm)						Trumpet 2
91	Pad 3 (polysynth)						Trombone 1
92	Pad 4 (choir)						Trombone 2
93	Pad 5 (bowed)						Fr Horn 1
94	Pad 6 (metallic)						Fr Horn 2
95	Pad 7 (halo)						Tuba
96	Pad 8 (sweep)						Brs Sect 1

PC	GENERAL MIDI	C0	1st VAR	C0	2nd VAR	C0	3rd VAR
97	FX 1 (rain)					127	Brs Sect 2
98	FX 2 (soundtrack)						Vibe 1
99	FX 3 (crystal)						Vibe 2
100	FX4 (atmosphere)						Syn Mallet
101	FX 5 (brightness)						Wind Bell
102	FX 6 (goblins)						Glock
103	FX 7 (echoes)	2	Echo Pan				Tube Bell
104	FX 8 (sci-fi)						Xylophone
105	Sitar						Marimba
106	Banjo						Koto
107	Shamisen						Sho
108	Koto	8	Taisho Koto				Shakuhachi
109	Kalimba						Whistle 1
110	Bag pipe						Whistle 2
111	Fiddle						Bottleblow
112	Shanai						Breathpipe
113	Tinkle Bell						Timpani
114	Agogo						Melodic Drum
115	Steel Drums						Deep Snare
116	Woodblock	8	Castanets				Elec Perc 1
117	Taiko Drum	8	Concert BD				Elec Perc 2
118	Melodic Tom	8	Melo Tom 2				Taiko
119	Synth Drum	8	808 Tom	9	Elec Perc 1		Taiko rim
120	Reverse Cymbal						Cymbal

32*: This variation can also be obtained by sending variation # 24.

SFX VARIATIONS (all channels except 10)

PRG#	General MIDI	CTRL 0= 1	CTRL 0= 2	CTRL 0= 3	CTRL 0= 4	CTRL 0= 5	CTRL 0= 6	CTRL 0= 7	CTRL 0= 8	CTRL 0= 9
121	Gt. Fret Noise	Gt. Cut Noise	String Slap							
122	Breath Noise	Fl. Key Click								
123	Seashore	Rain	Thunder	Wind	Stream	Bubble				
124	Bird Tweet	Dog	Horse Gallop	Bird 2						
125	Teleph. Ring	Teleph. Ring 2	Door Creaking	Door Closing	Scratch	Wind chime				
126	Heli-copter	Car Engine Start	Car Breaking	Car Pass	Car Crash	Police Siren	Train	Jet Takeoff	Starship	Burst Noise
127	Applause	Laughing	Screa-ming	Punch	Heart Beat	Footstep				
128	Gunshot	Machine gun	Lasergun	Explo-sion						

MT 32 (variation 127)

121	122	123	124	125	126	127	128
Castanets	Triangle	Orche Hit	Telephone	Bird Tweet	One Note Jam	Water Bell	Jungle Tune

DRUM SET TABLE (MIDI CHANNEL 10)

	Prog 1 : STD SET1	Prog 9: ROOM SET	Prog 17 : POWER SET	Prog 25: ELEC. SET	Prog 26: TR808 SET
27 - D#1	High Q				
28 - E1	Slap				
29 - F1	Scratch Push				
30 - F#1	Scratch Pull				
31 - G1	Sticks				
32 - G#1	Square Click				
33 - A1	Metronome Click				
34 - A#1	Metronome Bell				
35 - B1	STD1 Kick2				
36 - C2	STD1 Kick1		Power Kick	Elec Kick	808 BD
37 - C#2	Side Stick				808 Rim shot
38 - D2	STD1 Snare1		Gated Snare	Gated Snare	808 Snare Drum
39 - D#2	Hand Clap				
40 - E2	Snare Drum 2			Elec Snare1	
41 - F2	Low Floor Tom	Power Low Tom2	Power Low Tom2	Elec Low Tom2	808 Low Tom2
42 - F#2	Closed Hi Hat [EXC1]				808 CHH [EXC1]
43 - G2	High Floor Tom	Power Low Tom1	Power Low Tom1	Elec Low Tom1	808 Low Tom2
44 - G#2	Pedal Hi-Hat [EXC1]				808 CHH [EXC1]
45 - A2	Low Tom	Power Mid Tom2	Power Mid Tom2	Elec Mid Tom2	808 Mid Tom2
46 - A#2	Open Hi-Hat [EXC1]				808 OHH [EXC1]
47 - B2	Low-Mid Tom	Power Mid Tom1	Power Mid Tom1	Elec Mid Tom1	808 Mid Tom1
48 - C3	Hi Mid Tom	Power Hi Tom2	Power Hi Tom2	Elec Hi Tom2	808 Hi Tom2
49 - C#3	Crash Cymbal 1				808 Cymbal
50 - D3	High Tom	Power Hi Tom1	Power Hi Tom1	Elec Hi Tom1	808 HiTom1
51 - D#3	Ride Cymbal 1				
52 - E3	Chinese Cymbal			Reverse Cymbal	
53 - F3	Ride Bell				
54 - F#3	Tambourine				
55 - G3	Splash Cymbal				
56 - G#3	Cowbell				808 Cowbell
57 - A3	Crash Cymbal 2				
58 - A#3	Vibraslap				
59 - B3	Ride Cymbal 2				
60 - C4	Hi Bongo				
61 - C#4	Low Bongo				
62 - D4	Mute Hi Conga				808 High Conga
63 - D#4	Open Hi Conga				808 Mid Conga
64 - E4	Low Conga				808 Low Conga
65 - F4	High Timbale				
66 - F#4	Low Timbale				
67 - G4	High Agogo				
68 - G#4	Low Agogo				
69 - A4	Cabasa				
70 - A#4	Maracas				808 Maracas
71 - B4	Short Whistle[EXC2]				
72 - C5	Long Whistle[EXC2]				
73 - C#5	Short Guiro [EXC3]				
74 - D5	Long Guiro [EXC3]				
75 - D#5	Claves				808 Claves
76 - E5	Hi Wood Block				
77 - F5	Low Wood Block				
78 - F#5	Mute Cuica [EXC4]				
79 - G5	Open Cuica [EXC4]				
80 - G#5	Mute Triangle [EXC5]				
81 - A5	Open Triangle[EXC5]				
82 - A#5	Shaker				
83 - B5	Jingle Bell				
84 - C6	Belltree				
85 - C#6	Castanets				
86 - D6	Mute Surdo [EXC6]				
87 - D#6	Open Surdo [EXC6]				
88 - E6					

	Prog 33: JAZZ	Prog 41 : BRUSH	Prog 49 : ORCHESTRA	Prog 57 : SFX SET	Prog 127: CM -64/32
27 - D#1			Closed Hi Hat	*	*
28 - E1			Pedal Hi-Hat	*	*
29 - F1			Open Hi Hat	*	*
30 - F#1			Ride Cymbal	*	*
31 - G1				*	*
32 - G#1				*	*
33 - A1				*	*
34 - A#1				*	*
35 - B1	Jazz BD2	Jazz BD2	Concert BD 2	*	Kick drum
36 - C2	Jazz BD1	Jazz BD1	Concert BD 1	*	Kick drum
37 - C#2				*	Rim Shot
38 - D2		Brush Tap	Concert SD	*	Snare Drum
39 - D#2		Brush Slap	Castanets	High Q	Hand Clap
40 - E2		Brush Swirl	Concert SD	Slap	Elec Snare Drum
41 - F2			Timpani F	Scratch Push	Acoustic Low Tom
42 - F#2			Timpani F#	Scratch Pull	Closed Hi-Hat [Exc1]
43 - G2			Timpani G	Sticks	Acoustic Low Tom
44 - G#2			Timpani G#	Square Click	Open Hi-Hat 2
45 - A2			Timpani A	Metronome Click	Acoustic Middle Tom
46 - A#2			Timpani A#	Metronome Bell	Open Hi-Hat 1 [Exc1]
47 - B2			Timpani B	Guitar Slide	Acoustic Middle Tom
48 - C3			Timpani c	Gt Cut Noise (down)	Acoustic High Tom
49 - C#3			Timpani c#	Gt Cut Noise (up)	Crash Cymbal
50 - D3			Timpani d	Double Bass Slap	Acoustic High Tom
51 - D#3			Timpani d#	Key Click	Ride Cymbal
52 - E3			Timpani e	Laughing	*
53 - F3			Timpani f	Screaming	*
54 - F#3				Punch	Tambourine
55 - G3				Heart Beat	*
56 - G#3				Footsteps1	Cowbell
57 - A3			Concert Cymbal2	Footsteps2	*
58 - A#3				Applause	*
59 - B3			Concert Cymbal1	Door Creaking	*
60 - C4				Door Closing	
61 - C#4				Scratch	
62 - D4				Wind Chime	
63 - D#4				Car Engine Start	
64 - E4				Car Breaking	
65 - F4				Car Pass	
66 - F#4				Car Crash	
67 - G4				Police Siren	
68 - G#4				Train	
69 - A4				Jet Take-off	
70 - A#4				Helicopter	
71 - B4				Starship	
72 - C5				Gun Shot	
73 - C#5				Machinegun	Vibrato Slap
74 - D5				Lasergun	*
75 - D#5				Explosion	Claves
76 - E5				Dog	Laughing
77 - F5				Horse Gallop	Scream
78 - F#5				Birds	Punch
79 - G5				Rain	Heart Beat
80 - G#5				Thunder	Footsteps 1
81 - A5				Wind	Footsteps 2
82 - A#5				Sea Shore	Applauses
83 - B5				Stream	Creaking
84 - C6				Bubble	Door
85 - C#6				*	Scratch
86 - D6				*	Wind Chimes
87 - D#6				*	Car-Engine
88 - E6			Applauses	*	Car-Stop
89 - F6	*				Car-Pass
90 - f#6	*				Car-Crash
91 - G6	*				Siren
92 - G#6	*				Train
93 - A6					JetPlane

94 - A#6				Helicopter
95 - B6				StarShip
96 - C7				Gun Shot
97 - C#7				Machine Gun
98 - D7				Laser Gun
99 - D#7				Explosion
100 - E7				Dog
101 - F7				Horse Gallop
102 - F#7				Birds
103 - G7				Rain
104 - g#7				Thunder
105 - A7				Wind
106 - A#7				SeaShore
107 - B7				Stream
108 - C8				Bubble

Notes:

*:   No sound   Blank : Same sound as "Standard Set"

[EXC]: Sounds with same EXC number are mutually exclusive

INSTRUMENT REQUIRING 2 VOICES (2 LAYER INSTRUMENT).

PC	C0	Name	Type
4	0	Honky-tonk Piano	chorus
5	8	Detuned EP 1	chorus
	8	Detuned EP 2	chorus
7	8	Coupled Hps.	dual
9	0	Celesta	fm
11	0	Music Box	fm
15	0	Tubular Bells	fm
17	8	Det. Organ 1	chorus
18	8	Det. Organ 2	chorus
19	0	Rock Organ	dual
20	0	Church Organ	dual
	8	Ch. Organ 2	dual
22	0	Accordion (french)	chorus
	8	Acc. (Italian)	chorus
24	0	Tango Accordion	chorus
26	8	12-str. Guitar	dual
28	8	Chorus Gt.	chorus
31	0	Distortion Guitar	dual
	8	Feedback Gt	dual
32	8	Gt. Feedback	fm
37	0	Slap Bass 1	dual
40	0	Synth Bass 2	chorus
	8	Synth Bass 4	dual
49	8	Orchestra	dual
51	8	Synth Strings 3	dual
52		Synth Strings 2	chorus
54		Voice Oohs	dual
55		Synth Voice	dual
56		Orchestra Hit	dual
61		French Horn	chorus
62	8	Brass 2	dual
63		Synth Brass 1	chorus
	8	Synth Brass 3	dual
64		Synth Brass 2	chorus
79		Whistle	fm
80		Ocarina	fm
81		Lead 1 (square)	chorus
	8	Sine Wave	fm
82		Lead 2 (sawtooth)	chorus
83		Lead 3 (calliope)	dual
84		Lead 4 (chiff)	dual
85		Lead 5 (charang)	dual
86		Lead 6 (voice)	dual
87		Lead 7 (fifths)	dual
88		Lead8 (bass+lead)	dual
89		Pad 1 (new age)	dual
91		Pad 3 (polysynth)	dual
93		Pad 5 (bowed)	dual
94		Pad 6 (metallic)	chorus
95		Pad 7 (halo)	dual
97	0	FX 1 (rain)	dual
98	0	FX 2 (soundtrack)	dual

PC	C0	Name	Type
99	0	FX 3 (crystal)	chorus

dream

100	0	FX4 (atmosphere)	dual
101	0	FX 5 (brightness)	dual
102	0	FX 6 (goblins)	dual
103	8	Echo Pan	chorus
104	0	FX 8 (sci-fi)	dual
108	8	Taisho Koto	dual
113	0	Tinkle Bell	fm
117	8	Concert BD	dual
123	0	Seashore	chorus
	1	Rain	chorus
	3	Wind	chorus
	4	Stream	chorus
	5	Bubble	chorus
124	0	Bird	chorus
125	5	Wind chime	chorus
126	7	Jet Takeoff	dual pcm+fm
	8	Starship	dual pcm+fm
	9	Burst Noise	chorus
127	0	Applause	chorus
128	2	Laser gun	fm
	3	Explosion	dual

Drumset instrument

PC	Note	Name	Type
1	34	Metronome bell	dual
49	36	concert bass drum	dual

DISCLAIMER

CleanWave32® contains copyrighted software and wavetable sample data ©1996-2013 by DREAM SAS which are allowed only to be used in connection with original branded DREAM ICs.

You may NOT, without written authorization from DREAM S.A.S:
- Modify, translate, reverse engineer, decompile, disassemble, create derivative works based on the software
- Remove any proprietary notices, labels, or marks

This software is provided to you "as is".

Dream makes no warranty or representation, either express, implied, statutory or otherwise, with respect to this software, including its quality, performance, merchantability, non-infringement, or fitness for a particular purpose.

In no event shall Dream be liable for any direct, indirect, consequential incidental, or other damages whatsoever (including, without limitation, damages for cover, loss of business profits, business interruption, loss of business information, or other pecuniary loss) arising about of the use of or the inability to use this software, even if Dream has been advised of the possibility of such damage.

This publication neither states nor implies any warranty of any kind, including, but not limited to, implied warrants of merchantability or fitness for a particular application. Dream assumes no responsibility for the use of any circuitry. No circuit patent licences are implied.

The information in this publication is believed to be accurate in all respects at the time of publication but is subject to change without notice. Dream assumes no responsibility for errors and omissions and disclaims responsibility for any consequences resulting from the information included herein.

Dream Contact

info@dream.fr

Website

http://www.dream.fr