GSSBK320 - GS Sound Bank

GSSBK320.TTS is a conversion from the Terratec 32-Mbit GS sound bank GSSBK320.94B into the TTS format for EWS64 by Werner Ogrodnik (31.01.2006). This conversion was necessary, because 94B sound banks often cause ASIO errors while using the Terratec EWS64 ASIO driver in Cubase.

All included Drum kits went lost during the conversion by an early Ed!son Beta-Release using older EWS64 Win9x drivers. Therefore I created the additional sound bank DRUMKITS.TTS with most of the Drum kits of the GSSBK320.94B.

Under Windows 98 both sets (!) should be loaded into the EWS64 RAM by Device Manager or EWS Setmanager v 2.1 – when loaded by Setmanager v 3.12 or 3.15, often only the Standard Drum kit (Program 1) of the DRUMKITS.TTS will be accessable at channel 10!
Under W2k/XP both sound banks work fine when loaded by Setmanager v 3.15.

GSSBK320.TTS includes:

- o 128 GM instruments,
- o 224 variations instruments.

DRUMSETS.TTS includes:
- o 8 Drum kits,
- o 1 SFX kit.

Additional notes:

o Both sound banks are loadable and editable with Ed!son v1.9 – that is not possible with the GSSBK320.94B!
o Voice 'Wind Bell' (P101/B127) and Drum kit 'CM – 64/32' (P127) of the original GSSBK320.94B sound bank are missing in these sound banks.
o Setmanager v2.1 is included in the EWS64 application packages for Windows 98 (release D for L/XL/XXL models; release B for S models), available at ftp://ftp.terratec.net/Audio/EWS/.

Have fun ☺
Werner Ogrodnik

Homepage:
http://www.studio4all.de (German pages)
http://www.studio4all.de/start.html (English pages)

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	33	Acoustic Bass	65	Soprano Sax	97	FX 1 (Rain)
2	Bright Piano	34	Fingered Bass	66	Alto Sax	98	FX 2 (Soundtrack)
3	Elec Grand Piano	35	Picked Bass	67	Tenor Sax	99	FX 3 (Crystal)
4	Honky-tonk Piano	36	Fretless Bass	68	Baritone Sax	100	FX 4 (atmosphere)
5	Elec Piano 1	37	Slap Bass 1	69	Oboe	101	FX 5 (Brightness1)
6	Elec Piano 2	38	Slap Bass 2	70	English Horn	102	FX 6 (Goblins 1)
7	Harpsichord	39	Synth Bass 1	71	Bassoon	103	FX 7 (Echoes)
8	Clavichord	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 1)	113	Tinkle Bell
18	Percussive Organ	50	String Ensemble 2	82	Lead 2 (Sawto. 1)	114	Agogo
19	Rock Organ	51	Synth Strings 1	83	Lead 3 (Calliope)	115	Steel Drums
20	Church Organ (1)	52	Synth Strings 2	84	Lead 4 (Chiff)	116	Woodblock
21	Reed Organ	53	Choir Aahs (1)	85	Lead 5 (Charang)	117	Taiko Drum
22	Accordion (french)	54	Voice Oohs	86	Lead 6 (Voice 1)	118	Melodic Tom
23	Harmonica	55	Synth Voice (1)	87	Lead 7 (Fifths)	119	Synth Drum
24	Tango Accordion	56	Orchestra Hit	88	Lead8 (bass+lead)	120	Reverse Cymbal
25	Nylon Guitar	57	Trumpet	89	Pad 1 (Fantasia)	121	Guitar Fret Noise
26	Steel Guitar	58	Trombone (1)	90	Pad 2 (Warm)	122	Breath Noise
27	Elec Jazz Guitar	59	Tuba	91	Pad 3 (Polysynth)	123	Seashore
28	Elec Clean Guitar	60	Muted Trumpet	92	Pad 4 (Choir 1)	124	Bird Tweet
29	El. Muted Guitar	61	French Horn (1)	93	Pad 5 (Bowed)	125	Telephone Ring
30	Overdriven Guitar	62	Brass Section (1)	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

SOUND VARIATIONS
(all channels except 10)
To select variation : send CTRL 0 (Bank Select MSB) , then PC (Program Change)
PC : Program change
C0 : controller 0 value (zero for General Midi capital sounds)

Sound names conventions :
/P - pan type sound (low notes sent to left, high notes sent to right)
/V - other velocity response
/S - velocity split type sound
/O - special release on sound

PC	GENERAL MIDI	C0	1st VAR	C0	2nd VAR	C0	3rd VAR	C0	4th VAR
1	Grand Piano	8	Grd Piano /P	16	Grd Piano /V			127	Acou Piano 1
2	Bright Piano								Acou Piano 2
3	Elec Grand Piano								Acou Piano 3
4	Honky-tonk Piano								Elec Piano 1
5	Elec Piano 1	8	Detuned EP 1	16	El. Piano 1 /S	24	60's El. Piano		Elec Piano 2
6	Elec Piano 2	8	Detuned EP 2	16	El. Piano 2 /S				Elec Piano 3
7	Harpsichord	8	Coupled Hps.			24	Harpsich. /O		Elec Piano 4
8	Clavichord								Honky Tonk
9	Celesta								Elec Organ 1
10	Glockenspiel								Elec Organ 2
11	Music Box								Elec Organ 3
12	Vibraphone								Elec Organ 4
13	Marimba								Pipe Organ 1
14	Xylophone								Pipe Organ 2
15	Tubular Bells	8	Church Bell	9	Carillon				Pipe Organ 3
16	Dulcimer (Santur)								Accordion
17	Drawbar Organ	8	Det. Organ 1	16	60's Organ	32	Organ 4		Harpsichord 1
18	Percussive Organ	8	Det. Organ 2			32	Organ 5		Harpsichord 2
19	Rock Organ								Harpsichord 3
20	Church Organ 1	8	Ch. Organ 2	16	Ch. Organ 3				Clavichord 1
21	Reed Organ								Clavichord 2
22	French Accordion	8	Italian Accord.						Clavichord 3
23	Harmonica								Celesta 1
24	Tango Accordion								Celesta 2
25	Nylon Guitar 1	8	Ukulele	16	Nylon Gt. 1 /O	32	Nylon Gt. 2		Synth Brass 1
26	Steel Guitar	8	12-str. Guitar	16	Mandolin				Synth Brass 2
27	Elec Jazz Guitar	8	Hawaiian Gt.						Synth Brass 3
28	Elec Clean Guitar	8	Chorus Guitar						Synth Brass 4
29	Elec Muted Guitar	8	Funk Guitar 1	16	Funk Guitar 2				Synth Bass 1
30	Overdriven Guitar								Synth Bass 2
31	Distortion Guitar	8	Feedback Gt.						Synth Bass 3
32	Guitar Harmonics	8	Gt. Feedback						Synth Bass 4
33	Acoustic Bass								Fantasy
34	Fingered 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	1	Syn Bass 101	8	Synth. Bass 3				Warm Bell
40	Synth Bass 2	8	Synth. Bass 4	16	Rubber Bass				Funny Vox

PC	GENERAL MIDI	C0	1st VAR	C0	2nd VAR	C0	3rd VAR

41	Violin	8	Slow Violin			127	Echo Bell
42	Viola						Ice Rain
43	Cello						Oboe 2001
44	Contrabass						Echo Pan
45	Tremolo Strings						Doctor Solo
46	Pizzicato Strings						School Daze
47	Orchestral Harp						Bell Singer
48	Timpani						Square Wave
49	String Ensemble 1	8	Orchestra				String Section 1
50	String Ensemble 2						String Section 2
51	Synth Strings 1	8	Synth Strings 3				String Section 3
52	Synth Strings 2						Pizzicato Str.
53	Choir Aahs 1	32	Choir Aahs 2				Violin 1
54	Voice Oohs						Violin 2
55	Synth Voice 1	8	Synth Voice 2				Cello 1
56	Orchestra Hit						Cello 2
57	Trumpet						Contrabass
58	Trombone 1	1	Trombone 2				Harp 1
59	Tuba						Harp 2
60	Muted Trumpet						Guitar 1
61	French Horn 1	1	French Horn 2				Guitar 2
62	Brass Section 1	8	Brass Section 2				Elec Guitar 1
63	Synth Brass 1	8	Synth Brass 3	16	AnalogBrass1		Elec Guitar 2
64	Synth Brass 2	8	Synth Brass 4	16	AnalogBrass2		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 Bass 1
72	Clarinet						Fretless Bass 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	Square Lead 1	1	Square Lead 2	8	Sine Wave		Sax 3
82	Sawtooth Lead 1	1	Sawt. Lead 2	8	Doctor Solo		Sax 4
83	Calliope Lead						Clarinet 1
84	Chiff Lead						Clarinet 2
85	Charang Lead						Oboe
86	Voice Lead 1	8	Voice Lead 2				English Horn
87	Fifths Lead						Bassoon
88	Bass & Lead						Harmonica
89	New Age Pad						Trumpet 1
90	Warm Pad						Trumpet 2
91	Polysynth Pad						Trombone 1
92	Choir Pad 1	8	Choir Pad 2				Trombone 2
93	Bowed Pad						French Horn 1
94	Metallic Pad						French Horn 2
95	Halo Pad						Tuba
96	Sweep Pad						Brass Section 1

PC	GENERAL MIDI	C0	1st VAR	C0	2nd VAR	C0	3rd VAR
97	Rain					127	Brass Sect. 2
98	Soundtrack						Vibe 1
99	Crystal	1	Synth Mallet				Vibe 2
100	Atmosphere						Synth Mallet
101	Brightness 1	8	Brigthness 2				
102	Goblins 1	8	Goblins 2				Glock
103	Echoes	1	Echo Bell	2	Echo Pan		Tube Bell
104	Sci-Fi						Xylophone
105	Sitar 1	1	Sitar 2				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 1	8	Melod. Tom 2				Taiko
119	Synth Drum	8	808 Tom	9	Elec Perc 1		Taiko Rim
120	Reverse Cymbal						Rev. Cymbal

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	Sea-shore	Rain	Thunder	Wind	Stream	Bubble				
124	Bird Tweet 1	Dog	Horse Gallop	Bird Tweet 2						
125	Teleph. Ring 1	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	Gun Shot	Machine gun	Lasergun	Explo-sion						

MT 32 (variation 127)

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

DRUM SET TABLE (MIDI CHANNEL 10)

	Prog 1 : HQ STD SET1	Prog 9: HQ ROOM SET	Prog 17 : HQ POWER SET	Prog 25: HQ ELEC. SET	Prog 26: HQ 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	HQ STD1 Kick 2	HQ Room Kick 2	HQ Power Kick 2	HQ Elec Kick 2	HQ 909 BD
36 - C2	HQ STD1 Kick 1	HQ Room Kick 1	HQ Power Kick 1	HQ Elec Kick 1	HQ 808 BD
37 - C#2	Side Stick				808 Rim shot
38 - D2	HQ STD1 Snare1	HQ Room Snare 1	Gated Snare	Elec SD	808 Snare Drum
39 - D#2	Hand Clap				
40 - E2	Snare Drum 2	HQ Room Snare 1	HQ Power Snare 1	HQ Elec Snare 1	HQ 909 Snare
41 - F2	HQ Low Floor Tom	HQ Power Low Tom 2	HQ Power Low Tom 2	Elec Low Tom 2	808 Low Tom 2
42 - F#2	Closed Hi Hat [EXC1]				808 CHH [EXC1]
43 - G2	HQ High Floor Tom	HQ Power Low Tom 1	HQ Power Low Tom 1	Elec Low Tom 1	808 Low Tom 2
44 - G#2	Pedal Hi-Hat [EXC1]				808 CHH [EXC1]
45 - A2	HQ Low Tom	HQ Power Mid Tom 2	HQ Power Mid Tom	Elec Mid Tom 2	808 Mid Tom2
46 - A#2	Open Hi-Hat [EXC1]				808 OHH [EXC1]
47 - B2	HQ Low-Mid Tom	HQ Power Mid Tom 1	HQ Power Mid Tom 1	Elec Mid Tom 1	808 Mid Tom 1
48 - C3	HQ Hi Mid Tom	HQ Power Hi Tom 2	HQ Power Hi Tom 2	Elec Hi Tom 2	808 Hi Tom 2
49 - C#3	Crash Cymbal 1				808 Cymbal
50 - D3	HQ High Tom	HQ Power Hi Tom 1	HQ Power Hi Tom 1	Elec Hi Tom 1	808 Hi Tom 1
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	
27 - D#1	High Q		Closed Hi Hat	*	

Note	Col1	Col2	Col3	Col4	Col5
28 - E1	Slap		Pedal Hi-Hat	*	
29 - F1	Scratch Push		Open Hi Hat	*	
30 - F#1	Scratch Pull		Ride Cymbal	*	
31 - G1	Sticks			*	
32 - G#1	Square Click			*	
33 - A1	Metronome Click			*	
34 - A#1	Metronome Bell			*	
35 - B1	Jazz BD 2		Concert BD 2	*	
36 - C2	Jazz BD 1		Concert BD 1	*	
37 - C#2	Side Stick			*	
38 - D2	HQ STD 1 Snare1	Brush Tap	Concert SD	*	
39 - D#2	Hand Clap	Brush Slap	Castanets	High Q	
40 - E2	Snare Drum 2	Brush Swirl	Concert SD	Slap	
41 - F2	HQ Low Floor Tom		Timpani F	Scratch Push	
42 - F#2	Closed Hi Hat [EXC1]		Timpani F#	Scratch Pull	
43 - G2	HQ High Floor Tom		Timpani G	Sticks	
44 - G#2	Pedal Hi-Hat [EXC1]		Timpani G#	Square Click	
45 - A2	HQ Low Tom		Timpani A	Metronome Click	
46 - A#2	Open Hi-Hat [EXC1]		Timpani A#	Metronome Bell	
47 - B2	HQ Low-Mid Tom		Timpani B	Guitar Slide	
48 - C3	HQ Hi Mid Tom		Timpani c	Guit. Cut Noise (down)	
49 - C#3	Crash Cymbal 1		Timpani c#	Guitar Cut Noise (up)	
50 - D3	HQ High Tom		Timpani d	Double Bass Slap	
51 - D#3	Ride Cymbal 1		Timpani d#	Key Click	
52 - E3	Chinese Cymbal		Timpani e	Laughing	
53 - F3	Ride Bell		Timpani f	Screaming	
54 - F#3	Tambourine			Punch	
55 - G3	Splash Cymbal			Heart Beat	
56 - G#3	Cowbell			Footsteps 1	
57 - A3	Crash Cymbal 2		Concert Cymbal 2	Footsteps 2	
58 - A#3	Vibraslap			Applause	
59 - B3	Ride Cymbal 2		Concert Cymbal 1	Door Creaking	
60 - C4	Hi Bongo			Door Closing	
61 - C#4	Low Bongo			Scratch	
62 - D4	Mute Hi Conga			Wind Chime	
63 - D#4	Open Hi Conga			Car Engine Start	
64 - E4	Low Conga			Car Breaking	
65 - F4	High Timbale			Car Pass	
66 - F#4	Low Timbale			Car Crash	
67 - G4	High Agogo			Police Siren	
68 - G#4	Low Agogo			Train	
69 - A4	Cabasa			Jet Take-off	
70 - A#4	Maracas			Helicopter	
71 - B4	Short Whistle [EXC2]			Starship	
72 - C5	Long Whistle [EXC2]			Gun Shot	
73 - C#5	Short Guiro [EXC3]			Machinegun	
74 - D5	Long Guiro [EXC3]			Lasergun	
75 - D#5	Claves			Explosion	
76 - E5	Hi Wood Block			Dog	
77 - F5	Low Wood Block			Horse Gallop	
78 - F#5	Mute Cuica [EXC4]			Birds	
79 - G5	Open Cuica [EXC4]			Rain	
80 - G#5	Mute Triangle [EXC5]			Thunder	
81 - A5	Open Triangle[EXC5]			Wind	
82 - A#5	Shaker			Sea Shore	
83 - B5	Jingle Bell			Stream	
84 - C6	Belltree			Bubble	
85 - C#6	Castanets			*	
86 - D6	Mute Surdo [EXC6]			*	
87 - D#6	Open Surdo [EXC6]			*	
88 - E6	*		Applause	*	
89 - F6	*				
90 - f#6	*				
91 - G6	*				
92 - G#6	*				
93 - A6					
94 - A#6					
95 - B6					
96 - C7					
97 - C#7					
98 - D7					

99 - D#7					
100 - E7					
101 - F7					
102 - F#7					
103 - G7					
104 - g#7					
105 - A7					
106 - A#7					
107 - B7					
108 - C8					

Notes :
*:   No sound   Blank : Same sound as "Standard Set"
[EXC] : Sounds with same EXC number are mutually exclusive