

Appendix B

VGM Board Voices



General MIDI voices

This list shows the voices in the General MIDI bank (Bank1) on the VGM board. The bank is automatically selected for all channels when “General MIDI” in the Global menu is turned on. They are accessible at any time on any channel when GM has been turned on, with the exception of channel 10 which is dedicated to drum sounds. These numbers assume the “Program Number Display” parameter is set for 0-127; add 1 if it is set for 1-128. Sounds marked with an asterisk (*) have a special “Key-based Pitchbend” mode. When these sounds are being played, and you move the pitch wheel, only notes whose keys are actually being held down will change in pitch. Other notes which may be sounding, either because they are being held by the sustain pedal or they have a long release envelope, will not change in pitch.

0	Grand Piano	32	Acoustic Bass *	64	Soprano Sax	96	Ice Rain
1	Bright Piano	33	Fingered Bass *	65	Alto Sax	97	Soundtrack
2	Electric Grand	34	Picked Bass *	66	Tenor Sax	98	Crystal
3	Honky-Tonk Piano	35	Fretless Bass *	67	Baritone Sax	99	Atmosphere *
4	Electric Piano 1	36	Slap Bass 1 *	68	Oboe	100	Brightness
5	Electric Piano 2	37	Slap Bass 2 *	69	English Horn	101	Goblins
6	Harpsichord	38	Synth Bass 1	70	Bassoon	102	Echo Drops
7	Clavinet	39	Synth Bass 2	71	Clarinet	103	Sci-fi Pad *
8	Celesta	40	Violin	72	Piccolo	104	Sitar *
9	Glockenspiel	41	Viola	73	Flute	105	Banjo *
10	Music Box	42	Cello	74	Recorder	106	Shamisen *
11	Vibraphone	43	Contrabass	75	Pan Flute	107	Koto *
12	Marimba	44	Tremolo Strings	76	Blown Bottle	108	Kalimba
13	Xylophone	45	Pizzicato String	77	Shakuhachi	109	Bagpipe
14	Tubular Bells	46	Plucked Harp	78	Whistle	110	Fiddle
15	Dulcimer	47	Timpani	79	Ocarina	111	Shanai
16	Drawbar Organ	48	Ensemble Strings	80	Square Wave	112	Tinkle Bell
17	Perc Organ	49	Slow Strings	81	Sawtooth Wave	113	Agogo
18	Rock Organ	50	Synth Strings 1	82	Synth Calliope	114	Steel Drums
19	Church Organ	51	Synth Strings 2	83	Chiff Lead	115	Woodblock
20	Reed Organ	52	Choir Oohs	84	Charang *	116	Taiko Drum
21	Accordion	53	Voice Oohs	85	Solo Vox	117	Melodic Toms
22	Harmonica	54	Synth Vox	86	Fifths Saw Wave	118	Synth Drums
23	Bandoneon	55	Orchestra Hit	87	Bass & Lead Syn	119	Reverse Cymbal
24	Nylon Str Guitar *	56	Trumpet	88	Fantasia Pad	120	Gtr Fret Noise
25	Steel Str Guitar *	57	Trombone	89	Warm Pad	121	Breath Noise
26	Jazz Guitar *	58	Tuba	90	Poly Synth Pad	122	Seashore
27	Clean Guitar *	59	Muted Trumpet	91	Space Voice Pad	123	Birds
28	Muted Guitar *	60	French Horn	92	Bowed Glass Pad	124	Telephone
29	Overdrive Guitar *	61	Brass Section	93	Metallic Pad	125	Helicopter
30	Distorted Guitar *	62	Synth Brass 1	94	Halo Pad	126	Applause
31	Guitar Harmonics *	63	Synth Brass 2	95	Sweep Pad	127	Gun Shot

Expansion voices

This list shows the voices in the Expansion bank (Bank2) on the VGM board that are available when the PC88 is not in General MIDI mode. Any of these voices, including the “GM” drum sets, are accessible on any MIDI channel. These numbers assume the “Program Number Display” parameter is set for 0-127; add 1 if it is set for 1-128. Sounds marked with an asterisk (*) have a special “Key-based Pitchbend” mode. When these sounds are being played, and you move the pitch wheel, only notes whose keys are actually being held down will change in pitch. Other notes which may be sounding, either because they are being held by the sustain pedal or they have a long release envelope, will not change in pitch. Additional controller assignments are shown in the footnotes below.

0	Ragtime Piano	26	Sax Section	52	Synth Ensemble
1	Tack Piano 2	27	VibratoTrumpet	53	Syn Pad
2	St Trem E Pno	28	TrumpetSection	54	BrightSynBrass
3	Jazz Organ 3*(L)	29	Trombone	55	Fluty Lead
4	Rock Organ 3*(L)	30	Tuba / Fr. Horn	56	Synth FX 1
5	Full Pipes 2*(SW)	31	Brass Section	57	Synth FX 2
6	Reed Pipes (SW)	32	Soft Section	58	Dual E Bass 2
7	Church Pipes*(LD)	33	Orchestra 1* (SS)	59	Synth Bass 1
8	Chiff Pipes 2 (SW)	34	Orchestra 2* (CH2)	60	Dance Bass
9	Acous Guitar 2*	35	Pizzy (N)	61	Timpani
10	12 Str Guitar 2*	36	Pizzis (N)	62	OrchPercussion* (PB)
11	Jazz Guitar*	37	8ve Strings	63	Latin Perc* (PB)
12	Ch Jazz Guitar*	38	Soft Strings (N)	64	Congatone
13	Ch Strat (CH)	39	Strings 2* (N)	65	Steel Drums
14	Muted > Strat	40	Att Vel Str 2* (N)	66	Glockenspiel
15	Legato Flute	41	Touch Strings2*	67	GM StandardKit* (N)
16	Dolce Flute	42	Stereo String2*	68	GM Room Kit* (N)
17	Clarinet	43	String Pad 2*	69	GM Power Kit* (N)
18	Vib Clarinet	44	... & Str Pad 2*	70	GM Elec Kit* (N)
19	Bassoon/Oboe (SP)	45	... & Strings 2	71	GM Synth Kit* (N)
20	Slo Bsn/Oboe (SP)	46	Choir	72	GM Brush Kit* (N)
21	Solo Strings	47	CathedralChoir	73	GM Orch Kit* (N)
22	Legato Fiddle	48	... & Choir	74	Kurz Clean Kit* (PB)
23	Legato Sax	49	Bells&Strings	75	Kurz Amb Kit* (PB)
24	Baritone Sax	50	Glass Pad	76	Kurz Synth Kit* (PB)
25	Alto Sax	51	Space Pad		

Footnotes:

(L) - Soft Pedal (Controller 67) enables rotary speaker.

(SW) - Soft Pedal (Controller 67) causes decrescendo.

(LD) - Soft Pedal (Controller 67) disables layer.

(CH) - Soft Pedal (Controller 67) mutes strings.

(SP) - Soft Pedal (Controller 67) changes split point.

(N) - Soft Pedal (Controller 67) has no effect.

(CH2) - Soft Pedal (Controller 67) changes brass to woodwinds.

(SS) - Sostenuito Pedal (Controller 66) holds and disables brass for string solo. Also, lower notes will trigger timpani on hard strikes.

(PB) - Sostenuito Pedal (Controller 66) raises pitch.