General MIDI Instrument Program Numbers

Piano	Bass	Reed	Synth Effects
0 Acoustic Grand Piano	32 Acoustic Bass	64 Soprano Sax	96 SFX Rain
1 Bright Acoustic Piano	33 Electric Fingered Bass	65 Alto Sax	97 SFX Soundtrack
2 Electric grand Piano	34 Electric Picked Bass	66 Tenor Sax	98 SFX Crystal
3 Honky Tonk Piano	35 Fretless Bass	67 Baritone Sax	99 SFX Atmosphere
4 Electric Piano 1	36 Slap Bass 1	68 Oboe	100 SFX Brightness
5 Electric Piano 2	37 Slap Bass 2	69 English Horn	101 SFX Goblins
6 Harpsichord	38 Syn Bass 1	70 Bassoon	102 SFX Echoes
7 Clavinet	39 Syn Bass 2	71 Clarinet	103 SFX Sci-Fi
Chromatic Percussion	**Strings/Orchestra**	**Pipe**	**Ethnic**
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 Bottle Blow	108 Kalimba
13 Xylophone	45 Pizzicato Strings	77 Shakuhachi	109 Bag Pipe
14 Tubular bells	46 Orchestral Harp	78 Whistle	110 Fiddle
15 Dulcimer	47 Timpani	79 Ocarina	111 Shanai
Organ	**Ensemble**	**Synth Lead**	**Percussive**
16 Drawbar Organ	48 String Ensemble 1	80 Syn Square Wave	112 Tinkle Bell
17 Percussive Organ	49 String Ensemble 2	81 Syn Sawtooth Wave	113 Agogo
18 Rock Organ	50 Syn Strings 1	82 Syn Calliope	114 Steel Drums
19 Church Organ	51 Syn Strings 2	83 Syn Chiff	115 Woodblock
20 Reed Organ	52 Choir Aahs	84 Syn Charang	116 Taiko Drum
21 Accordion	53 Voice Oohs	85 Syn Voice	117 Melodic Tom
22 Harmonica	54 Syn Choir	86 Syn Fifths Sawtooth	118 Syn Drum
23 Tango Accordion	55 Orchestral Hit	87 Syn Brass & Lead	119 Reverse Cymbal
Guitar	**Brass**	**Synth Pad**	**Sound Effects**
24 Nylon Acoustic	56 Trumpet	88 New Age Syn Pad	120 Guitar Fret Noise
25 Steel Acoustic	57 Trombone	89 Warm Syn Pad	121 Breath Noise
26 Jazz Electric	58 Tuba	90 Polysynth Syn Pad	122 Seashore
27 Clean Electric	59 Muted Trumpet	91 Choir Syn Pad	123 Bird Tweet
28 Muted Electric	60 French Horn	92 Bowed Syn Pad	124 Telephone Ring
29 Overdrive	61 Brass Section	93 Metal Syn Pad	125 Helicopter
30 Distorted	62 Syn Brass 1	94 Halo Syn Pad	126 Applause
31 Harmonics	63 Syn Brass 2	95 Sweep Syn Pad	127 Gun Shot

These instruments use my high-quality custom samples:

15 Dulcimer	129 Uilleann pipes	136 Solfège	144 Soprano Recorder
21 Accordion	130 Scottish Smallpipes (D)	137 Chorused Guitar (nylon)	145 Alto Recorder
73 Flute	131 Scottish Smallpipes (A)	138 Chorused Guitar (steel)	146 Tenor Recorder
78 Whistle	132 Swedish Säckpipa	139 Irish Bouzouki	147 Bass Recorder
105 Banjo	133 Concertina	140 Irish Bouzouki 2	148 (or mute) Silence
109 Bagpipe	134 Melodica	141 Mandolin	
110 Fiddle	135 Cajun Accordion	142 Marching Drums	
117 Bodhran		143 Border Pipes	

Note: The soundfont General MIDI sample override for Dulcimer, Accordion, Flute, Whistle, Banjo, Bagpipes, Fiddle, and Bodhran may be disabled in the ABC Transcription Tools Settings dialog.

Select the General MIDI soundfont to use in a tune by adding any of the following to the ABC:

%abcjs_soundfont fluid

%abcjs_soundfont musyng

%abcjs_soundfont fatboy

%abcjs_soundfont canvas

%abcjs_soundfont mscore

%abcjs_soundfont arachno

%abcjs_soundfont fluidhq

The default soundfont can be set in the Settings dialog.

Percussion (%%MIDI program 128) Note Map

Key#	Note	Drum Sound	Key#	Note	Drum Sound
35	B,,,	Acoustic Bass Drum	59	B,	Ride Cymbal 2
36	C,,	Bass Drum 1	60	C	Hi Bongo
37	_D,,	Side Stick	61	_D	Low Bongo
38	D,,	Acoustic Snare	62	D	Mute Hi Conga
39	_E,,	Hand Clap	63	_E	Open Hi Conga
40	E,,	Electric Snare	64	E	Low Conga
41	F,,	Low Floor Tom	65	F	High Timbale
42	_G,,	Closed Hi-Hat	66	_G	Low Timbale
43	G,,	High Floor Tom	67	G	High Agogo
44	_A,,	Pedal Hi-Hat	68	_A	Low Agogo
45	A,,	Low Tom	69	A	Cabasa
46	_B,,	Open Hi-Hat	70	_B	Maracas
47	B,,	Low-Mid Tom	71	B	Short Whistle
48	C,	Hi Mid Tom	72	c	Long Whistle
49	_D,	Crash Cymbal 1	73	_d	Short Guiro
50	D,	High Tom	74	d	Long Guiro
51	_E,	Ride Cymbal 1	75	_e	Claves
52	E,	Chinese Cymbal	76	e	Hi Wood Block
53	F,	Ride Bell	77	f	Low Wood Block
54	_G,	Tambourine	78	_g	Mute Cuica
55	G,	Splash Cymbal	79	g	Open Cuica
56	_A,	Cowbell	80	_a	Mute Triangle
57	A,	Crash Cymbal 2	81	a	Open Triangle
58	_B,	Vibraslap			

Bodhran (%%MIDI progam 117) Note Map

```
%
% Basic low pitch strikes start at C,,,
%
C,,, - Strike velocity low
^C,,, - Strike velocity low
D,,, - Strike velocity medium low
^D,,, - Strike velocity medium low
E,,, - Strike velocity medium high
F,,, - Strike velocity high
^F,,, - Strike velocity high
G,,, - Strike velocity medium low - Scale Root
^G,,, - Strike velocity medium low - Major 2nd
A,,, - Strike velocity medium low - Major 3rd
^A,,, - Strike velocity medium low - Major 4th
B,,, - Strike velocity medium low - Major 5th
%
% Low pitch pitched strike versions at multiple velocities
and pitches start at C,,
%
C,, - Strike velocity low - Scale Root
^C,, - Strike velocity low - Major 2nd
D,, - Strike velocity low - Major 3rd
^D,, - Strike velocity low - Major 4th
E,, - Strike velocity low - Major 5th
F,, - Strike velocity medium low - Scale Root
^F,, - Strike velocity medium low - Major 2nd
G,, - Strike velocity medium low - Major 3rd
^G,, - Strike velocity medium low - Major 4th
A,, - Strike velocity medium low - Major 5th
^A,, - Strike velocity medium high - Scale Root
B,, - Strike velocity medium high - Major 2nd
C, - Strike velocity medium high - Major 3rd
^C, - Strike velocity medium high - Major 4th
D, - Strike velocity medium high - Major 5th
^D, - Strike velocity high - Scale Root
E, - Strike velocity high - Major 2nd
F, - Strike velocity high - Major 3rd
^F, - Strike velocity high - Major 4th
G, - Strike velocity high - Major 5th
```

```
%
% Scrapes and taps start at ^G,
%
^G, – Scrape
A, – Edge tap velocity low
^A, – Edge tap velocity medium
B, – Edge tap velocity high
%
% High pitch strikes start at C
%
C – Strike velocity low
^C – Strike velocity low
D – Strike velocity medium low
^D – Strike velocity medium low
E – Strike velocity medium high
F – Strike velocity high
^F – Strike velocity high
G – Strike velocity medium low – Scale Root
^G – Strike velocity medium low – Major 2nd
A – Strike velocity medium low – Major 3rd
^A – Strike velocity medium low – Major 4th
B – Strike velocity medium low – Major 5th
%
% High pitch pitched strike versions at multiple velocities
and pitches start at c
%
c – Strike velocity low – Scale Root
^c – Strike velocity low – Major 2nd
d – Strike velocity low – Major 3rd
^d – Strike velocity low – Major 4th
e – Strike velocity low – Major 5th
f – Strike velocity medium low – Scale Root
^f – Strike velocity medium low – Major 2nd
g – Strike velocity medium low – Major 3rd
^g – Strike velocity medium low – Major 4th
a – Strike velocity medium low – Major 5th
^a – Strike velocity medium high – Scale Root
b – Strike velocity medium high – Major 2nd
c' – Strike velocity medium high – Major 3rd
^c' – Strike velocity medium high – Major 4th
d' – Strike velocity medium high – Major 5th
^d' – Strike velocity high – Scale Root
e' – Strike velocity high – Major 2nd
f' – Strike velocity high – Major 3rd
^f' – Strike velocity high – Major 4th
g' – Strike velocity high – Major 5th
```

Uilleann Pipes (%%MIDI progam 129) Note Map

The Uilleann pipes instrument, MIDI program #129, has chanter sounds over the range of ABC notes G, to D".

The notes from G, to ^C are a copy of G to ^c for automatic octave folding when playing tunes that would be on the G string on a fiddle.

Two styles of drones and all available regulator pitches found on a full set are available on the following ABC notes:

```
%
% Drones:
%
D, Crowley-style drones
E, Lynch-style drones
%
% Regulator notes:
%
G,,,
A,,,
B,,,
C,,
D,,
^F,,
G,,
A,,
B,,
C,
```

Marching Drums (%%MIDI progam 142) Note Map

The Marching Drums instrument, MIDI program #142, has a wide variety of percussion sounds useful for creating marching band drum backing tracks.

Here is the map of MIDI note names to drum sounds:

```
C,,, – ^D,   Bass Drum 1 at various pitches
E, – B,      Bass Drum 2 at various pitches
C – G        Bass Drum 3 at various pitches
^G – c       Bass Drum 4 at various pitches
^c5          Bass Drum 5
d            Snare Drum 1
^d           Snare Drum 2
e            Snare Drum Stick Click
f            Snare Drum Rim Tap
^f           Snare Drum Gak
g            Snare Drum Ping
^g and up    Tenor Drum at various pitches
```