

General MIDI Instrument Program Numbers

Piano	Bass	Reed	Synth Effects
0 Acoustic Grand Piano 1 Bright Acoustic Piano 2 Electric grand Piano 3 Honky Tonk Piano 4 Electric Piano 1 5 Electric Piano 2 6 Harpsichord 7 Clavinet	32 Acoustic Bass 33 Electric Fingered Bass 34 Electric Picked Bass 35 Fretless Bass 36 Slap Bass 1 37 Slap Bass 2 38 Syn Bass 1 39 Syn Bass 2	64 Soprano Sax 65 Alto Sax 66 Tenor Sax 67 Baritone Sax 68 Oboe 69 English Horn 70 Bassoon 71 Clarinet	96 SFX Rain 97 SFX Soundtrack 98 SFX Crystal 99 SFX Atmosphere 100 SFX Brightness 101 SFX Goblins 102 SFX Echoes 103 SFX Sci-Fi
Chromatic Percussion	Strings/Orchestra	Pipe	Ethnic
8 Celesta 9 Glockenspiel 10 Music Box 11 Vibraphone 12 Marimba 13 Xylophone 14 Tubular bells 15 Dulcimer	40 Violin 41 Viola 42 Cello 43 Contrabass 44 Tremolo Strings 45 Pizzicato Strings 46 Orchestral Harp 47 Timpani	72 Piccolo 73 Flute 74 Recorder 75 Pan Flute 76 Bottle Blow 77 Shakuhachi 78 Whistle 79 Ocarina	104 Sitar 105 Banjo 106 Shamisen 107 Koto 108 Kalimba 109 Bag Pipe 110 Fiddle 111 Shanai
Organ	Ensemble	Synth Lead	Percussive
16 Drawbar Organ 17 Percussive Organ 18 Rock Organ 19 Church Organ 20 Reed Organ 21 Accordion 22 Harmonica 23 Tango Accordion	48 String Ensemble 1 49 String Ensemble 2 50 Syn Strings 1 51 Syn Strings 2 52 Choir Ahhs 53 Voice Ooohs 54 Syn Choir 55 Orchestral Hit	80 Syn Square Wave 81 Syn Sawtooth Wave 82 Syn Calliope 83 Syn Chiff 84 Syn Charang 85 Syn Voice 86 Syn Fifths Sawtooth 87 Syn Brass & Lead	112 Tinkle Bell 113 Agogo 114 Steel Drums 115 Woodblock 116 Taiko Drum 117 Melodic Tom 118 Syn Drum 119 Reverse Cymbal
Guitar	Brass	Synth Pad	Sound Effects
24 Nylon Acoustic 25 Steel Acoustic 26 Jazz Electric 27 Clean Electric 28 Muted Electric 29 Overdrive 30 Distorted 31 Harmonics	56 Trumpet 57 Trombone 58 Tuba 59 Muted Trumpet 60 French Horn 61 Brass Section 62 Syn Brass 1 63 Syn Brass 2	88 New Age Syn Pad 89 Warm Syn Pad 90 Polysynth Syn Pad 91 Choir Syn Pad 92 Bowed Syn Pad 93 Metal Syn Pad 94 Halo Syn Pad 95 Sweep Syn Pad	120 Guitar Fret Noise 121 Breath Noise 122 Seashore 123 Bird Tweet 124 Telephone Ring 125 Helicopter 126 Applause 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 Mountain Dulcimer (Solo)
109 Bagpipe	134 Melodica	141 Mandolin	149 Mountain Dulcimer (DAD)
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 program 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 program 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 program 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