

# 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 (or mute) Silence
21 Accordion	130 Scottish Smallpipes (D)	137 Chorused Guitar (nylon)	
73 Flute	131 Scottish Smallpipes (A)	138 Chorused Guitar (steel)	
78 Whistle	132 Swedish Säckpipa	139 Irish Bouzouki	
105 Banjo	133 Concertina	140 Irish Bouzouki 2	
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
35	B,,,	Acoustic Bass Drum
36	C,,,	Bass Drum 1
37	_D,,,	Side Stick
38	D,,,	Acoustic Snare
39	_E,,,	Hand Clap
40	E,,,	Electric Snare
41	F,,,	Low Floor Tom
42	_G,,,	Closed Hi-Hat
43	G,,,	High Floor Tom
44	_A,,,	Pedal Hi-Hat
45	A,,,	Low Tom
46	_B,,,	Open Hi-Hat
47	B,,,	Low-Mid Tom
48	C,,	Hi Mid Tom
49	_D,,	Crash Cymbal 1
50	D,,	High Tom
51	_E,,	Ride Cymbal 1
52	E,,	Chinese Cymbal
53	F,,	Ride Bell
54	_G,,	Tambourine
55	G,,	Splash Cymbal
56	_A,,	Cowbell
57	A,,	Crash Cymbal 2
58	_B,,	Vibraslap

Key#	Note	Drum Sound
59	B,,	Ride Cymbal 2
60	C,,	Hi Bongo
61	_D,,	Low Bongo
62	D,,	Mute Hi Conga
63	_E,,	Open Hi Conga
64	E,,	Low Conga
65	F,,	High Timbale
66	_G,,	Low Timbale
67	G,,	High Agogo
68	_A,,	Low Agogo
69	A,,	Cabasa
70	_B,,	Maracas
71	B,,	Short Whistle
72	c,,	Long Whistle
73	_d,,	Short Guiro
74	d,,	Long Guiro
75	_e,,	Claves
76	e,,	Hi Wood Block
77	f,,	Low Wood Block
78	_g,,	Mute Cuica
79	g,,	Open Cuica
80	_a,,	Mute Triangle
81	a,,	Open Triangle

# 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