

# General MIDI Specification

The following table lists the names of each of the General MIDI patch numbers. This mapping is assumed for all events on all channels other than channel 10. Channel 10 is reserved for the drum track. Note that similar instruments are grouped together.

## General MIDI Patch Map

#	Piano
1	Acoustic Grand Piano
2	Bright Acoustic Piano
3	Electric Grand Piano
4	Honky-Tonk Piano
5	Rhodes Piano
6	Chorused Piano
7	Harpsichord
8	Clavinet
#	Chromatic Percussion
9	Celesta
10	Glockenspiel
11	Music Box
12	Vibraphone
13	Marimba
14	Xylophone
15	Tubular Bells
16	Dulcimer
#	Organ
17	Hammond Organ
18	Percussive Organ
19	Rock Organ
20	Church Organ
21	Reed Organ
22	Accordion
23	Harmonica
24	Tango Accordion
#	Guitar
25	Acoustic Guitar (nylon)
26	Acoustic Guitar (steel)
27	Electric Guitar (jazz)
28	Electric Guitar (clean)
29	Electric Guitar (muted)
30	Overdriven Guitar
31	Distortion Guitar
32	Guitar Harmonics
#	Bass
33	Acoustic Bass

34 Electric Bass (finger)  
35 Electric Bass (pick)  
36 Fretless Bass  
37 Slap Bass 1  
38 Slap Bass 2  
39 Synth Bass 1  
40 Synth Bass 2

# Strings  
41 Violin  
42 Viola  
43 Cello  
44 Contrabass  
45 Tremolo Strings  
46 Pizzicato Strings  
47 Orchestral Harp  
48 Timpani

# Ensemble  
49 String Ensemble 1  
50 String Ensemble 2  
51 SynthStrings 1  
52 SynthStrings 2  
53 Choir Aahs  
54 Voice Oohs  
55 Synth Voice  
56 Orchestra Hit

# Brass  
57 Trumpet  
58 Trombone  
59 Tuba  
60 Muted Trumpet  
61 French Horn  
62 Brass Section  
63 Synth Brass 1  
64 Synth Brass 2

# Reed  
65 Soprano Sax  
66 Alto Sax  
67 Tenor Sax  
68 Baritone Sax  
69 Oboe  
70 English Horn  
71 Bassoon  
72 Clarinet

# Pipe  
73 Piccolo  
74 Flute  
75 Recorder  
76 Pan Flute

77 Blown Bottle  
78 Skakuhachi  
79 Whistle  
80 Ocarina

# Synth Effects  
81 Lead 1 (square)  
82 Lead 2 (sawtooth)  
83 Lead 3 (calliope)  
84 Lead 4 (chiff lead)  
85 Lead 5 (charang)  
86 Lead 6 (voice)  
87 Lead 7 (fifths)  
88 Lead 8 (brass + lead)

# Synth Pad  
89 Pad 1 (new age)  
90 Pad 2 (warm)  
91 Pad 3 (polysynth)  
92 Pad 4 (choir)  
93 Pad 5 (bowed)  
94 Pad 6 (metallic)  
95 Pad 7 (halo)  
96 Pad 8 (sweep)

# Synth Effects  
97 FX 1 (rain)  
98 FX 2 (soundtrack)  
99 FX 3 (crystal)  
100 FX 4 (atmosphere)  
101 FX 5 (brightness)  
102 FX 6 (goblins)  
103 FX 7 (echoes)  
104 FX 8 (sci-fi)

# Ethnic  
105 Sitar  
106 Banjo  
107 Shamisen  
108 Koto  
109 Kalimba  
110 Bagpipe  
111 Fiddle  
112 Shanai

#	Percussive
113	Tinkle Bell
114	Agogo
115	Steel Drums
116	Woodblock
117	Taiko Drum
118	Melodic Tom
119	Synth Drum
120	Reverse Cymbal

#	Sound Effects
121	Guitar Fret Noise
122	Breath Noise
123	Seashore
124	Bird Tweet
125	Telephone Ring
126	Helicopter
127	Applause
128	Gunshot

## General MIDI Percussion Key Map (Channel 10)

The following table shows the sound assigned to each MIDI note on Channel 10.

#	Drum Sound
35	Acoustic Bass Drum
36	Bass Drum 1
37	Side Stick
38	Acoustic Snare
39	Hand Clap
40	Electric Snare
41	Low Floor Tom
42	Closed Hi-Hat
43	High Floor Tom
44	Pedal Hi-Hat
45	Low Tom
46	Open Hi-Hat
47	Low-Mid Tom
48	Hi-Mid Tom
49	Crash Cymbal 1
50	High Tom

- 51 Ride Cymbal 1
- 52 Chinese Cymbal
- 53 Ride Bell
- 54 Tambourine
- 55 Splash Cymbal
- 56 Cowbell
- 57 Crash Cymbal 2
- 58 Vibraslap
- 59 Ride Cymbal 2
- 60 High Bongo
- 61 Low Bongo
- 62 Mute Hi Conga
- 63 Open Hi Conga
- 64 Low Conga
- 65 High Timbale
- 66 Low Timbale

- 67 High Agogo
- 68 Low Agogo
- 69 Cabasa
- 70 Maracas
- 71 Short Whistle
- 72 Long Whistle
- 73 Short Guiro
- 74 Long Guiro
- 75 Claves
- 76 Hi Wood Block
- 77 Low Wood Block
- 78 Mute Cuica
- 79 Open Cuica
- 80 Mute Triangle
- 81 Open Triangle