

MIDI Controller numbers

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|-------------------------|--------------------|-----------------------|-----------------------|
| 0 Bank Select | 32 Bank Select | 64 Sustain Pedal | 96 Data Increment |
| 1 Modulation | 33 Modulation | 65 Portamento | 97 Data Decrement |
| 2 Breath Control | 34 Breath Control | 66 Sostenuto Pedal | 98 non-reg param |
| | | 67 Soft Pedal | 99 non-reg param |
| 4 Foot Control | 36 Foot Control | 68 Legato Pedal | 100 Reg-Param |
| 5 Portamento Time | 37 Portamento Time | 69 Hold 2 | 101 Reg-Param |
| 6 Data Entry | 38 Data Entry | 70 Sound Variation | |
| 7 Channel Volume | 39 Channel Volume | 71 Resonance | |
| 8 Balance | 40 Balance | 72 Release Time | |
| | | 73 Attack Time | |
| 10 Pan | 42 Pan | 74 Cut-off Freq | |
| 11 Expression | 43 Expression | 75 Decay Time | |
| 12 Effects Controller 1 | | 76 Vibrato Rate | |
| 13 Effects Controller 2 | | 77 Vibrato Depth | |
| | | 78 Vibrato Delay | |
| | | | |
| 16 Gen Purpose 1 | 48 Gen Purpose 1 | 80 Gen Purpose 5 | |
| 17 Gen Purpose 2 | 49 Gen Purpose 2 | 81 Gen Purpose 6 | |
| 18 Gen Purpose 3 | 50 Gen Purpose 3 | 82 Gen Purpose 7 | |
| 19 Gen Purpose 4 | 51 Gen Purpose 4 | 83 Gen Purpose 8 | |
| | | 84 Portamento Control | |
| | | | |
| | | | 120 All Sound Off |
| | | | 121 Reset All Cntrlrs |
| | | | 122 Local Control |
| | | 91 Reverb Depth | 123 All Notes Off |
| | | 92 Tremolo Depth | 124 Omni Off |
| | | 93 Chorus Depth | 125 Omni On |
| | | 94 Celeste | 126 Mono On |
| | | 95 Phaser Depth | 127 Poly On |

Open Controller Numbers:

3

9

14-15

20-31

85-90

102-119

note that open/unused is not exactly
the same as Gen Purpose.

i.e. the Gen Purpose 16-19, 48-51, 80-83 above

from the midi.org tech specs <http://www.midi.org/techspecs/midimessages.php#3>

midi.org GM2 specs <http://www.midi.org/techspecs/gm.php>