

# MML Commands

## Work in progress

| Command          | Description   | Example      | FF6 Command |
|------------------|---|--------------|-------------|
| a,b,c,d,e,f,g    | Note  | d, d32       | 00-B5       |
| 1,2,4,8,16,32,64 | 1/n note  | a8, a16, a32 | 00-B5       |
| +                | Sharp Note  | a+, a+8      |             |
| -                | Flat Note   | a-, a-8      |             |
| @xx              | Set Channel Instrument to xx  | @16, @0x10   | DC          |
| \$               | Jump Command, the Channel will restart there when hitting “;”               |              | F6 xxxx     |
| oxx              | Set Octave to xx  | o5           | D6 xx       |
| %xx              | Set Song Volume to xx   |              | F4 xx       |
| %bxx,yy          | Set Echo Feedback to yy over xx frames                                      |              | F7 xx yy    |
| %cxx             | Set Noise Clock to xx   |              | CF xx       |
| %fxx,yy          | Set Filter  |              | F8 xx yy    |
| %kxx             | Set Transpose to xx   |              | D9 xx       |
| %vxx             | Set Song Echo Volume to xx  | %v28         | F2 xx       |
| %d1              | Enable Drum Roll  |              | E6          |
| %d0              | Disable Drum Roll   |              | E7          |
| %e1              | Enable Echo   |              | D4          |
| %e0              | Disable Echo  |              | D5          |
| %p1              | Enable Pitch Modulation   |              | D2          |
| %p0              | Disable Pitch Modulation  |              | D3          |
| kxx              | Add xx to Transpose   |              | DA xx       |
| m                | Disable Vibrato   |              | CA          |
| mxx,yy           | Change Pitch to yy with Envelope Duration xx                                |              | C8 xx yy    |
| mxx,yy,zz        | Enable Vibrato with delay of xx, cycle duration of yy and amplitude of zz   |              | C9 xx yy zz |
| p                | Disable pan sweep   |              | CE          |
| pxx              | Set Channel Pan to xx   |              | C6 xx       |
| pxx,yy           | Set Channel Pan to xx with Envelope yy                                      |              | C7 xx yy    |
| pxx,yy,zz        | Enable Pansweep with delay of yy and cycle duration of zz                   |              | CD yy zz    |
| v                | Disable tremolo   |              | CC          |
| vxx              | Set channel volume to xx  | v127, v0x7F  | C4 xx       |
| vxx,yy           | Set channel volume to yy with an envelope of xx                             |              | C5 xx yy    |
| vxx,yy,zz        | Enable Tremolo with a delay of xx, cycle duration of yy and amplitude of zz |              | CB xx yy zz |
| r                | Rest. The length of the rest is specified in the same way as note length    | r8           | B6-C3       |
| txx              | Set Tempo to xx bpm   | t30          | F0 xx       |
| >                | Increment Octave  |              | D7          |
| <                | Decrement Octave  |              | D8          |
| l                | Apply length to a series of notes   | l8 gab       |             |

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|     |   |       |       |
|-----|---|-------|-------|
| ;   | End of channel  |       | EB    |
| [xx | Loop start. Loop xx times   | [8a1] | E2 xx |
| ]   | Loop end  | [8a1] | E3    |
| ^   | Sustained note or rest  | d1^8  |       |
| .   | Sustain a note, as an example d1. equals d1^2, d1.. equals d1^2^4, etc. | d1..  |       |
| ,   | Command argument separator (for 2 and more arguments)                   |       |       |

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