MIDI Switcher MIDI Spec

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| --- | --- | --- | --- | --- |
| **NRPN MSB** | **NRPN LSB** | **VALUE MSB** | **VALUE LSB** | **Def** |
| 1 = Gate A  2 = Gate B  3 = Gate C  4 = Gate D  5= Gate E  6 = Gate F  7= Gate G  8 = Gate H  100 = Default | 0 No external trigger | X | x |  |
| 1 Trigger by MIDI note (filtered by velocity) | X | Note |  |
| 2 Trigger by CC (filtered by value) | X | CC |  |
| 3 Trigger by PGM change (no filter) | X | X |  |
| 4 Always Triggered | X | X |  |
| 5 Trigger note range (filtered by velocity) | Note Max | Note Min |  |
| 10(0A) Trigger MIDI Channel | X | 0 = Global default  1-16 Channel | Y |
| 11(0B) Filter Value Min | X | 0-127 |  |
| 12(0C) Filter Value Max | X | 0-127 |  |
| 20(14) PGM MIDI Channel | X | 0-127 | Only |
| 50(32) Override Settings | X | 0 Use defaults  1 Override default |  |
| 51(33) Env type | X | 0 Sustain  1 Hold  2 Hold->Sustain  3 Sustain->Hold  4 Release  5 Sustain->Release  6 Toggle On/Off | Y |
| 52(34) Hold time (ms) | MSB | LSB | Y |
| 60(3C) Gamma Correction | X | 0 off  1 on | Y |
| 70(46) Velocity modulates | X | 0 default  1 nothing  2 hold time  3 duty | Y |
| 71(47) CC modulates | X | 0 default  1 nothing  2 hold time  3 duty | Y |
| 72(48) Modulation CC Channel | X | 0 = Global default  1-16 Channel | Y |
| 73(49) Modulation CC | X | 0-127 | Y |

PGM change table

|  |  |  |  |
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| **NRPN MSB** | **NRPN LSB** | **VALUE MSB** | **VALUE LSB** |
| 10(0A) = initial setting  11(0B) – 25(19) = PGM slot 1-15 | 1 = Match | 0 =Disable  1 = Match | 0-127 Program number (1-128) |
| 2 = Port | 1-8 Port | 0 = Clear  1 = Set |