|  |  |  |
| --- | --- | --- |
| **Byte** | **Meaning** | **Following** |
| 8x | Note Off | 2 |
| 9x | Note On | 2 |
| Ax | Polyphonic Key Pressure/aftertouch | 2 |
| Bx | Control Change | 2 |
| Cx | Program Change | 1 |
| Dx | Channel Pressure / aftertouch | 1 |
| Ex | Pitch Bend Change | 2 |
| F0 | System Exclusive | 1 byte until F7, see below |
| F1 | MIDI Time Code Quarter Frame | 1 |
| F2 | Song Position Pointer | 2 |
| F3 | Song Select | 1 |
| F4 | Undefined | 0 |
| F5 | Undefined | 0 |
| F6 | Tune Request | 0 |
| F7 | End of Exclusive | 0 |
| F8 | Timing Clock | 0 |
| F9 | Undefined | 0 |
| FA | Start | 0 |
| FB | Continue | 0 |
| FC | Stop | 0 |
| FD | Undefined | 0 |
| FE | Active Sensing | 0 |
| FF | Reset | 0 |

**Sysex (for Korg Kronos)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Index** | **Byte** | **Meaning** | **Following** |
| 0 | F0 | Start of Sysex | Korg |
| 1 | 42 | Korg | 3 (bytes 2, 3, 4), assuming it’s a Korg Kronos |
| 2 | 3G | ? |  |
| 3 | 68 | Korg Kronos |  |
| 4 |  | Function | See table below |

Function (transmits only)

|  |  |  |
| --- | --- | --- |
| **Function** | **Meaning** | **Following\*** |
| 73 | Object Dump | Variable |
| 76 | Store Bank Request | 3 |
| 75 | Current Object Dump | Variable |
| 38 | Bank Digest | 26 |
| 3A | Bank Digest Collection | Variable |
| 31 | Current Sample Information | Size in 4 bytes |
| 33 | Current Performance Id | 5 |
| 35 | Current Piano Types | Size in 4 bytes |
| 36 | Notify Piano Types Changed | 1 (end) |
| 7A | SMF Data Dump | Variable |
| 43 | Parameter Change (integer) | 9 ? |
| 44 | Parameter Change (binary) | Variable |
| 41 | Sequencer Parameter Change | 9 ? |
| 6D | KARMA Parameter Change | 9 ? |
| 6E | Drum Track Parameter Change | 9 ? |
| 71 | Set Current Object | 4 |
| 53 | Drum Kit Parameter Change (integer) | 7 |
| 54 | Drum Kit Parameter Change (binary) | Variable |
| 55 | Wave Seq Parameter Change (integer) | 6 |
| 56 | Wave Seq Parameter Change (binary) | Variable |
| 42 | Mode Data | 6 |
| 4E | Mode Change | 2 |
| 61 | Program Bank Types | Variable ? |
| 7E | Query Program Bank Type Reply (deprecated) | 2 |
| 78 | Reset Controller | 3 |
| 7F | KARMA Control | Variable |
| 13 | Song Select | 4 |
| 24 | Reply | 2 |

\* number of bytes after function, including End fo Excl.

31,250 bits/s -> / 9 (8 data bits + 1 stop bit) -> 3472 bytes/s = 3,472 bytes/ms