# MIDI Implementation Chart

| Function... | | Transmitted | Recognized | Remarks |
|---|---|---|---|---|
| Basic | Default | 10 | 10 | Memorized |
| Channel | Changed | 1–16, OFF | 1–16, OFF | |
| Mode | Default | Mode 4 | Mode 4 | *1 |
| | Messages | x | x | *1 |
| | Altered | ********** | ********** | |
| Note | | *1 | *1 | |
| Number : | : True Voice | ********** | | |
| Velocity | Note On | o 9nH | o | |
| | Note Off | o 9nH v=00 | o | |
| After | Key's | x | x | |
| Touch | Channel's | x | x | |
| Pitch Bend | | x | x | |
| Control Change | 9 | o | o | SHUFFLE |
| | 12 | o | o | EXTERNAL IN LEVEL |
| | 13 | o | o | EXTERNAL IN SIDE CHAIN |
| | 16 | o | o | DELAY LEVEL |
| | 17 | o | o | DELAY TIME |
| | 18 | o | o | DELAY FEEDBACK |
| | 20 | o | o | BD TUNE |
| | 21 | o | o | BD ATTACK |
| | 22 | o | o | BD COMP |
| | 23 | o | o | BD DECAY |
| | 24 | o | o | BD LEVEL |
| | 25 | o | o | SD TUNE |
| | 26 | o | o | SD SNAPPY |
| | 27 | o | o | SD COMP |
| | 28 | o | o | SD DECAY |
| | 29 | o | o | SD LEVEL |
| | 46 | o | o | LT TUNE |
| | 47 | o | o | LT DECAY |
| | 48 | o | o | LT LEVEL |
| | 49 | o | o | MT TUNE |
| | 50 | o | o | MT DECAY |
| | 51 | o | o | MT LEVEL |
| | 52 | o | o | HT TUNE |
| | 53 | o | o | HT DECAY |
| | 54 | o | o | HT LEVEL |
| | 55 | o | o | RS TUNE |
| | 56 | o | o | RS DECAY |
| | 57 | o | o | RS LEVEL |
| | 58 | o | o | HC TUNE |
| | 59 | o | o | HC DECAY |
| | 60 | o | o | HC LEVEL |
| | 61 | o | o | CH TUNE |
| | 62 | o | o | CH DECAY |
| | 63 | o | o | CH LEVEL |
| | 68 | x | o | SCATTER TYPE |
| | 69 | x | o | SCATTER DEPTH |
| | 70 | x | o | SCATTER SW |
| | 71 | o | o | ACCENT |
| | 80 | o | o | OH TUNE |
| | 81 | o | o | OH DECAY |
| | 82 | o | o | OH LEVEL |
| | 83 | o | o | CC TUNE |
| | 84 | o | o | CC DECAY |
| | 85 | o | o | CC LEVEL |
| | 86 | o | o | RC TUNE |
| | 87 | o | o | RC DECAY |
| | 88 | o | o | RC LEVEL |
| | 89 | o | o | REVERB TIME |
| | 90 | o | o | REVERB GATE |
| | 91 | o | o | REVERB LEVEL |
| Program | | x | o | |
| Change | : True Number | ********** | 1–15 | |
| System Exclusive | | x | x | |
| System Common | : Song Position | x | x | |
| | : Song Select | x | x | |
| | : Tune Request | x | x | |
| System Real Time | : Clock | o | o | |
| | : Start | o | o | |
| | : Continue | x | o | *2 |
| | : Stop | o | o | |
| Aux Messages | : All Sound Off | o | o | Transmitted: MIDI OFFLINE |
| | : Reset All Controllers | o | o | Transmitted: MIDI OFFLINE |
| | : Local On/Off | x | x | |
| | : All Notes Off | o | o | Transmitted: MIDI OFFLINE |
| | : Omni Mode Off | x | o | *3 |
| | : Omni Mode On | x | o | *3 |
| | : Mono Mode On | x | o | *3 |
| | : Poly Mode On | x | o | *3 |
| | : Active Sensing | o | o | |
| | : System Reset | x | x | |

*1

| If 7X7-TR8 is not installed | | If 7X7-TR8 is installed | | | |
|---|---|---|---|---|---|
| Inst. | Note Number | Inst. | Note Number | Alternate Inst. | Note Number |
| BASS DRUM | 35, 36 | BASS DRUM | 36 | BASS DRUM 2 | 35 |
| SNARE DRUM | 38, 40 | SNARE DRUM | 38 | SNARE DRUM 2 | 40 |
| LOW TOM | 41, 43 | LOW TOM | 43 | | |
| MID TOM | 45, 47 | MID TOM | 47 | | |
| HIGH TOM | 48, 50 | HIGH TOM | 50 | | |
| RIM SHOT | 37 | RIM SHOT | 37 | COW BELL | 56 |
| HAND CLAP | 39 | HAND CLAP | 39 | TAMBOURINE | 54 |
| CLOSED HI-HAT | 42, 44 | CLOSED HI-HAT | 42 | | |
| OPEN HI-HAT | 46 | OPEN HI-HAT | 46 | | |
| CRASH CYMBAL | 49 | CRASH CYMBAL | 49 | | |
| RIDE CYMBAL | 51 | RIDE CYMBAL | 51 | | |

Notes

\* The instrument names are for the 707. These names will differ depending on the instrument set that's selected.

*2 The same processing will be carried out as when Start is received.
*3 The same processing will be carried out as when All Notes Off is received.

Mode 1 : OMNI ON, POLY    Mode 2 : OMNI ON, MONO
Mode 3 : OMNI OFF, POLY    Mode 4 : OMNI OFF, MONO

O : Yes
X : No