## **MIDI Implementation Chart**

|                  | Function                | Transmitted            | Recognized        |    | Remarks                       |
|------------------|-------------------------|------------------------|-------------------|----|-------------------------------|
| Basic            | Default                 | Х                      | 1–16              |    | When the power is off,        |
| Channel          | Changed                 | X                      | 1–16              |    | it can be memorized.          |
| Mode             | Default                 | Х                      | Mode 3            |    |                               |
|                  | Messages                | X                      | Mode 3, 4 (M = 1) |    | *2                            |
|                  | Altered                 | ******                 |                   |    |                               |
| Note             |                         | X                      | 0–127             |    |                               |
| Number :         | True Voice              | ******                 | 0–127             |    |                               |
| Velocity         | Note On                 | X                      | 0                 |    |                               |
|                  | Note Off                | X                      | Х                 |    |                               |
| After            | Key's                   | X                      | 0                 | *1 |                               |
| Touch            | Channel's               | Х                      | 0                 | *1 |                               |
| Pitch Bend       |                         | X                      | 0                 | *1 |                               |
|                  | 0, 32                   | X                      | 0                 | *1 | Bank select                   |
|                  | 1                       | X                      | 0                 | *1 | Modulation                    |
|                  | 5                       | Х                      | 0                 | *1 | Portamento time               |
|                  | 6, 38                   | X                      | 0                 | *1 | Data entry                    |
|                  | 7                       | X                      | 0                 | *1 | Volume                        |
|                  | 10                      | X                      | 0                 | *1 | Panpot                        |
|                  | 11                      | X                      | 0                 | *1 | Expression                    |
| Control          | 64                      | X                      | 0                 | *1 | Hold 1                        |
| Change           | 65                      | X                      | 0                 | *1 | Portamento                    |
| Change           | 66                      | X                      | 0                 | *1 | Sostenuto                     |
|                  | 67                      | X                      | 0                 | *1 | Soft                          |
|                  | 84                      | X                      | 0                 | *1 | Portamento control            |
|                  | 91                      | X                      | 0                 | *1 | Effects 1 (Reverb Send Level) |
|                  | 93                      | X                      | 0                 | *1 | Effects 3 (Chorus Send Level) |
|                  | 94                      | X                      | 0                 | *1 | Effects 4 (Delay Send Level)  |
|                  | 98, 99                  | X                      | X                 | *1 | NRPN LSB, MSB                 |
|                  | 100, 101                | Χ                      | 0                 | *1 | RPN LSB, MSB                  |
| Program          |                         | ×                      | 0                 | *1 |                               |
| Change           | : True Number           | ******                 | 0–127             |    | Program No. 1–128             |
| System Exclusive |                         | 0                      | 0                 | *1 |                               |
| System           | : Song Position         | X                      | X                 |    |                               |
| Common           | : Song Select           | X                      | X                 |    |                               |
| Common           | : Tune Request          | Χ                      | X                 |    |                               |
| System           | : Clock                 | X                      | X                 |    |                               |
| Real Time        | : Commands              | Χ                      | X                 |    |                               |
| Aux              | : All Sound Off         | X                      | O (120, 126, 127) |    |                               |
| Messages         | : Reset All Controllers | X                      | 0                 |    |                               |
|                  | : Local ON/OFF          | X                      | X                 |    |                               |
|                  | : All Notes Off         | X                      | O (123–125)       |    |                               |
|                  | : Active Sensing        | 0                      | 0                 |    |                               |
|                  | : System Reset          | Χ                      | X                 |    |                               |
| Notes            |                         | * 1 O X is selectable. |                   |    |                               |
|                  |                         | * 2 Recognized as M=1  | even if M≠1.      |    |                               |

 $\begin{array}{ll} \mbox{Mode 1: OMNI ON, POLY} & \mbox{Mode 2: OMNI ON, MONO} \\ \mbox{Mode 3: OMNI OFF, POLY} & \mbox{Mode 4: OMNI OFF, MONO} \end{array}$ 

O : Yes X : No