



Portable Grand
DGX-650

MIDI Reference
MIDI-Referenz
Référence MIDI
Referencia MIDI

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DE
FR
ES

MIDI Implementation Chart / MIDI-Implementationsstabelle / MIDI Implementation Chart / Gráfico de implementación MIDI

YAMAHA [Digital Piano]

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Model DGX-650

MIDI Implementation Chart

Version:1.0

Function...	Transmitted	Recognized	Remarks
Basic Default Channel Changed	1 - 16 x	1 - 16 x	
Mode Default Messages Altered	3 x *****	3 x x	
Note Number : True voice	0 - 127 *****	0 - 127 0 - 127	
Velocity Note ON Note OFF	o 9nH,v=1-127 x 9nH,v=0	o 9nH,v=1-127 x	
After Key's Touch Ch's	x x	x o	
Pitch Bend	o	o 0-24 semi	
Control Change	0,32 o 1,11,84 x *1 6,38 o 7,10 o 64,66,67 o 71 x *1 72 o 73 x *1 74 x *1 91,93,94 o 96-97 x *1 100-101 o	o o o o o o o o o o o o	Bank Select Data Entry Pedal Harmonic Content Release Time Attack Time Brightness Effect Depth RPN Inc,Dec RPN LSB,MSB
Prog Change : True #	o 0 - 127 *****	o 0 - 127	
System Exclusive	o	o	
: Song Pos. Common : Song Sel. : Tune	x x x	x x x	
System : Clock Real Time: Commands	o o	o o	
Aux :All Sound OFF :Reset All Cntrls :Local ON/OFF Mes- :All Notes OFF sages:Active Sense :Reset	x x x x o x	o (120,126,127) o (121) o (122) o (123 - 125) o x	

*1 Refer to #2 on the next page.

Mode 1 : OMNI ON , POLY
Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON , MONO
Mode 4 : OMNI OFF, MONO

o : Yes
x : No

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

NOTE:

1 By default (factory settings) the instrument ordinarily functions as a 16-channel multi-timbral tone generator, and incoming data does not affect the panel Voices or panel settings. However, the MIDI messages listed below do affect the panel Voices, Auto Accompaniment, and Songs.

- MIDI Master Tuning
- System exclusive messages for changing the Reverb Type, Chorus Type and DSP Type.

2 Messages for these control change numbers cannot be transmitted from the instrument itself. However, they may be transmitted when playing the accompaniment, Song or using the Harmony effect.

3 Exclusive

<GM System ON>

F0H, 7EH, 7FH, 09H, 01H, F7H

- This message automatically restores all default settings for the instrument, with the exception of MIDI Master Tuning.

<MIDI Master Volume>

F0H, 7FH, 7FH, 04H, 01H, ll, mm, F7H

- This message allows the volume of all channels to be changed simultaneously (Universal System Exclusive).
- The values of “mm” is used for MIDI Master Volume. (Values for “ll” are ignored.)

<XG Master Tuning>

F0H, 43H, 1nH, 4CH, 00H, 00H, 00H, ddH, ddH, ddH, ddH, F7H

- This message simultaneously changes the tuning value of all channels.
- The values of “dd” are used for XG Master Tuning.
- The default value of “dd” are 00H, 04H, 00H, 00H, respectively.

<Reverb Type>

F0H, 43H, 1nH, 4CH, 02H, 01H, 00H, mmH, llH, F7H

- mm : Reverb Type MSB
- ll : Reverb Type LSB

Refer to the Effect Type List on the Data List.

<Chorus Type>

F0H, 43H, 1nH, 4CH, 02H, 01H, 20H, mmH, llH, F7H

- mm : Chorus Type MSB
- ll : Chorus Type LSB

Refer to the Effect Type List on the Data List.

<DSP Type>

F0H, 43H, 1nH, 4CH, 02H, 01H, 40H, mmH, llH, F7H

- mm: DSP Type MSB
- ll: DSP Type LSB

Refer to the Effect Type List on the Data List.

4 When the accompaniment is started, an FAH message is transmitted. When accompaniment is stopped, an FCH message is transmitted. When the clock is set to External, both FAH (accompaniment start) and FCH (accompaniment stop) are recognized.

5 Local ON/OFF

<Local ON> Bn, 7A, 7F

<Local OFF> Bn, 7A, 00

Value for “n” is ignored.