

DIGITAL PIANO

**P - 1 4 5 B T**

**P - 1 4 3 B T**

**MIDI Reference**

**MIDI-Referenz**

**Référence MIDI**

**Referencia MIDI**

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# MIDI Functions

When this instrument and a computer are connected with a USB cable, MIDI communication can be performed. The explanations here cover the settings necessary for performing MIDI communication between both devices.

## NOTE

- For instructions on how to connect this instrument to the computer, refer to the "Computer-related Operations" downloadable from the Yamaha Downloads website.

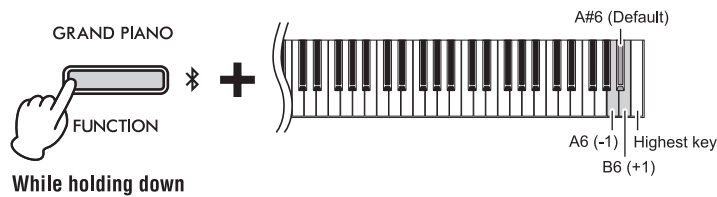
## Setting the MIDI Transmit Channel

In any MIDI control setup, the MIDI channels of the transmitting and receiving devices must be matched for proper data transfer. You can specify the channel on which this instrument transmits MIDI data.

To do this, while holding down [GRAND PIANO/FUNCTION], press one of the A6–B6 keys. The A6 key decreases the value by 1, the B6 key increases the value by 1, and the A#6 key restores the default value (channel 1).

Default value: 1

Setting range: 1–16



## NOTE

- In Dual, the keyboard performance via Voice 1 is transmitted on the specified MIDI Transmit Channel and the keyboard performance via Voice 2 is transmitted on the next channel number in sequence (specified channel + 1).
- No MIDI messages are output during playback of the Demo Song or Preset Song.

## Other MIDI Settings

The MIDI settings other than the Transmit Channel are set as listed below, and cannot be changed.

- MIDI Receive Channels: All channels (1–16)
- Local Control: On
- Program Change Transmit/Receive: Yes
- Control Change Transmit/Receive: Yes

# Preset Voice List

## P-145BT

Voice No	Voice Name	MSB	LSB	Program Change # (1-128)
1	GRAND PIANO 1	108	0	1
2	GRAND PIANO 2	108	2	2
3	E. PIANO 1	108	1	5
4	E. PIANO 2	108	0	6
5	PIPE ORGAN 1	108	1	20
6	PIPE ORGAN 2	108	0	20
7	HARPSICHORD	108	0	7
8	ACCORDION	108	0	22
9	DI ZI	108	118	74
10	STRINGS	108	0	49

## P-143BT

Voice No	Voice Name	MSB	LSB	Program Change # (1-128)
1	GRAND PIANO 1	108	0	1
2	GRAND PIANO 2	108	2	2
3	E. PIANO 1	108	1	5
4	E. PIANO 2	108	0	6
5	PIPE ORGAN 1	108	1	20
6	PIPE ORGAN 2	108	0	20
7	HARPSICHORD 1	108	0	7
8	HARPSICHORD 2	108	1	7
9	VIBRAPHONE	108	0	12
10	STRINGS	108	0	49

\* When you specify a program change as a number in the range of 0–127, specify a number that is one less than the program change number listed above. For example, to specify program change number 1, you would specify a value of 0.

# Effect Type List

## Reverb Type List

Type	MSB	LSB
Hall 1	1	16
Hall 2	1	17
Room	2	7
Stage	3	16
Off	0	0

# MIDI Implementation Chart

YAMAHA [ Digital Piano ]  
Model P-145BT, P-143BT MIDI Implementation Chart

Date :1-Dec-2024  
Version : 1.0

Function...	Transmitted	Recognized	Remarks
Basic Default Channel Changed	1 1 - 16	1 - 16 x	
Mode Default Messages Altered	3 x *****	3 x x	
Note Number : True voice	3 - 126 *****	0 - 127 0 - 127	
Velocity Note ON Note OFF	o 9nH,v=1-127 o 9nH,v=0	o 9nH,v=1-127 x	
After Key's Touch Ch's	x x	x x	
Pitch Bend	x	o	
Control Change	0,32 o 1 x 7 o 10 o 11 o 6,38 x 64 o 66,67 o 71,72,73,74 x 84 x 91,93 o 96,97 x 100,101 x	o o o o o o o o o x o o o o	Bank Select Modulation Main Volume Pan Expression Data Entry Sustain Sostenuto,Soft Pedal Sound Controller Portamento Control Effect1,3 Depth RPN Inc,Dec RPN LSB,MSB
Prog Change : True #	o 0 - 127 *****	o 0 - 127	
System Exclusive	o	o	
Common : Song Pos. : Song Sel. : Tune	x x x	x x x	
System :Clock Real Time:Commands	o o	o x	
Aux :All Sound OFF :Reset All Cntrls :Local ON/OFF Mes- :All Notes OFF sages:All Notes OFF :All Sound OFF :Active Sense :Reset	o o x o x x o o x	o (120) o (121) o (122) o (123) o (124-125) o (126,127) o o x	

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

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

o : Yes  
x : No