

DIGITAL PIANO  
**P - 125 a**

**MIDI Reference**  
**MIDI-Referenz**  
**Référence MIDI**  
**Referencia MIDI**

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# MIDI Functions

You can make detailed adjustments to MIDI settings.

**NOTE**

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

## MIDI Transmit/Receive Channel Selection

In any MIDI control setup, the MIDI channels of the transmitting and receiving devices must be matched for proper data transfer. This parameter enables you to specify the channel on which the instrument transmits or receives MIDI data.

### Setting the Transmit Channel

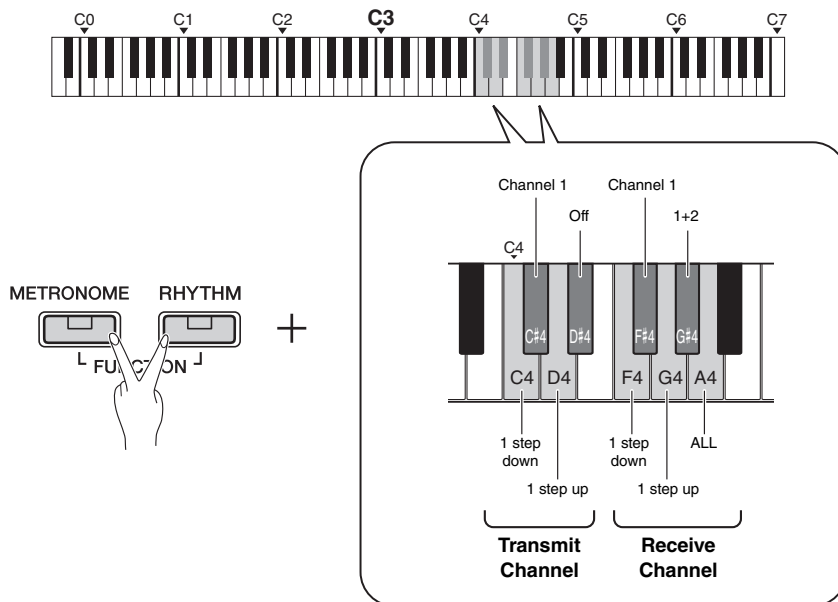
While simultaneously holding down the [METRONOME] and [RHYTHM] buttons, press one of the C4–D#4 keys.

Default setting: 1

### Setting the Receive Channel

While simultaneously holding down the [METRONOME] and [RHYTHM] buttons, press one of the F4–A4 keys.

Default setting: ALL



### MIDI transmission channels in Dual, Split or Duo

Voice 1 data is transmitted on its specified channel and Voice 2 data is transmitted on the next greater channel number relative to the specified channel. In this case, no data is transmitted if the transmit channel is set to “OFF.”

**ALL:**

“Multi-timbre” Receive. This allows simultaneous reception of different parts on all 16 MIDI channels, enabling the instrument to play multi-channel song data received from a computer.

**1+2:**

“1+2” Receive. This allows simultaneous reception on channels 1 and 2 only, enabling the instrument to play 1 and 2 channel song data received from a computer.

Program change and other like channel messages received will not affect the panel settings of the instrument or the notes you play on the keyboard.

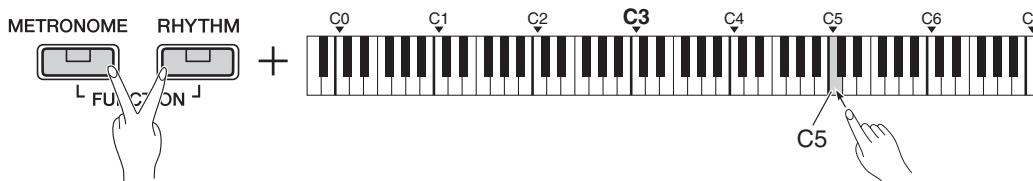
Data for the Demo Songs and Preset Songs cannot be transmitted via MIDI.

## Local Control ON/OFF

“Local Control” refers to the fact that, normally, the keyboard of the instrument controls its internal tone generator, allowing the internal voices to be played directly from the keyboard. This situation is “Local Control On,” since the internal tone generator is controlled locally by its own keyboard. Local control can be turned OFF, however, so that the keyboard of the instrument does not play the internal voices, but the appropriate MIDI information is still transmitted via the [USB TO HOST] terminal when notes are played on the keyboard. At the same time, the internal tone generator responds to MIDI information received via the [USB TO HOST] terminal.

While simultaneously holding down the [METRONOME] and [RHYTHM] buttons, press the C5 key. Pressing the C5 key repeatedly toggles between Local Control On and Off.

Default setting: ON



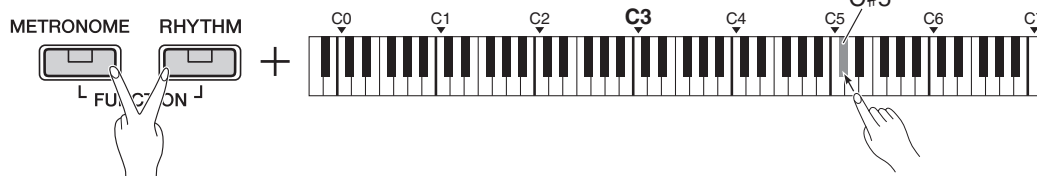
## Program Change ON/OFF

Normally the instrument will respond to MIDI program change numbers received from a computer, causing the same numbered voice to be selected on the corresponding channel (the keyboard voice does not change). The instrument will normally also send a MIDI program change number whenever one of its voices is selected, causing the same numbered voice or program to be selected on the computer if the computer is set up to receive and respond to MIDI program change numbers. This function makes it possible to cancel program change number reception and transmission so that voices can be selected on the instrument without affecting the computer.

While simultaneously holding down the [METRONOME] and [RHYTHM] buttons, press the C#5 key. Pressing the C#5 key repeatedly toggles between Program Change On and Off.

For information on program change numbers for each of the Voices of the instrument, refer to "Preset Voice List" on page 4.

Default setting: ON



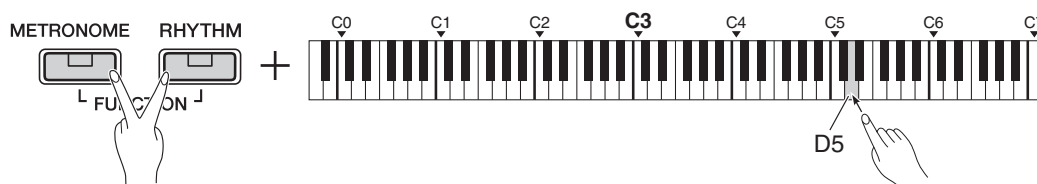
## Control Change ON/OFF

Normally the instrument will respond to MIDI control change data received from a computer, causing the voice on the corresponding channel to be affected by pedal and other "control" settings received from the controlling device (the keyboard voice is not affected). The instrument also transmits MIDI control change information when the pedal or other appropriate controls are operated. This function makes it possible to cancel control change data reception and transmission so that, for example, the pedal of the instrument and other controls can be operated without affecting a computer.

While simultaneously holding down the [METRONOME] and [RHYTHM] buttons, press the D5 key. Pressing the D5 key repeatedly toggles between Control Change On and Off.

For information on control changes that can be used with the instrument, refer to "MIDI Implementation Chart" on page 5.

Default setting: ON



# Preset Voice List

Program change numbers are often specified as numbers "0 -127." Since this list uses a "1 - 128" numbering system, in such cases it is necessary to subtract 1 from the transmitted program change numbers to select the appropriate sound: e.g. to select Live Grand in the list below, transmit program change number 1.

Voice Button	Voice Name	MSB (0-127)	LSB (0-127)	Program Change # (1-128)
[PIANO]	Grand Piano	108	0	1
	Live Grand	108	2	2
	Ballad Grand	108	3	1
	Bright Grand	108	0	2
[E.PIANO]	Stage E.Piano	108	0	5
	DX E.Piano	108	0	6
	Vintage E.Piano	108	1	5
	Synth Piano	108	0	89
[ORGAN]	Jazz Organ	108	0	17
	Rock Organ	108	0	19
	Organ Principal	108	1	20
	Organ Tutti	108	0	20
[CLV./VIB.]	Harpsichord 8'	108	0	7
	Harpsi.8'+4'	108	1	7
	E.Clavichord	108	0	8
	Vibraphone	108	0	12
[STRINGS]	Strings	108	0	49
	Slow Strings	108	0	50
	Choir	108	0	53
	Synth Pad	108	0	90
[+BASS]	Acoustic Bass	108	0	33
	Electric Bass	108	0	34
	Bass & Cymbal	108	1	33
	Fretless Bass	108	0	36

# Effect Type List

## Reverb Type List

Effect Name	Decimal		Hex	
	MSB	LSB	MSB	LSB
Off	0	0	0H	0H
Recital Hall	1	24	1H	18H
Concert Hall	1	4	1H	4H
Chamber	2	24	2H	18H
Club	3	24	3H	18H

## DSP Type List

Effect Name	Decimal		Hex	
	MSB	LSB	MSB	LSB
Damper Resonance	123	8	7BH	8H

