



To Turn Off the Chorus type:

Turn the Data Control knob until the LED show “000” to turn off the Chorus type.

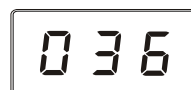
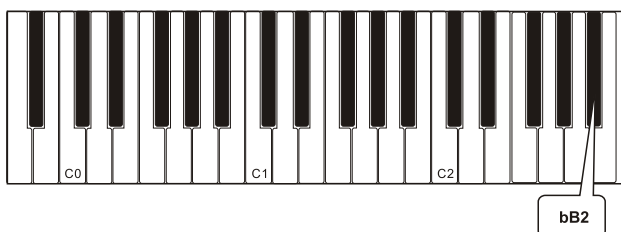
To Adjust the Chorus Level :

Press the [Function/Right] button.

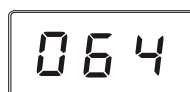


Press the Chorus Level key (bB2).

The LED display will momentarily show: 036



Turn the Data Controller knob to adjust the chorus level setting. The minimum setting is 000, and the maximum setting is 127.

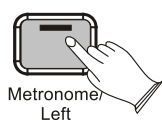


Metronome

Our piano features a built-in metronome which can be used for practicing to a set tempo, and is also helpful when recording tracks in the Song Recorder.

To Activate the Metronome:

The metronome sound is alternately turned on and turned off by pressing [Metronome/Left] button. The Metronome button's LED will also flash in time.



Metronome Volume

The metronome volume can be raised or lowered to a level that is comfortable for you.

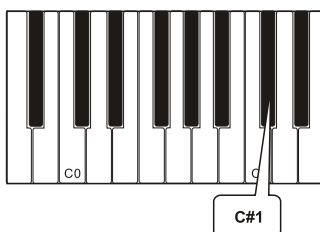
Change the Metronome's Volume

Press the [Function/Right] button on the left hand panel.



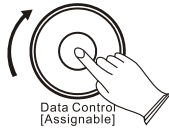
Press the Metronome Volume key (C#1) on the keyboard.

The LED display will momentarily show: 100



Turn the Data Control knob clockwise to increase the metronome volume, or counter-clockwise to decrease the metronome volume.

The metronome volume level will be indicated as a value from 0-127 in the LED display window.



Time Signature

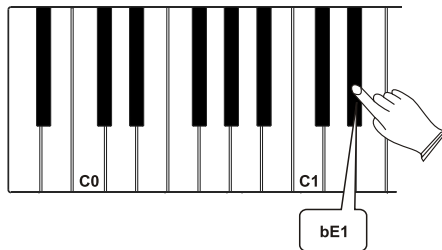
The metronome can support the following time signatures: 2/2, 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 3/8, 6/8, 7/8, 9/8, 12/8

Change the Metronome's Time Signature

Press the Voice/Function button on the left hand panel.

Press the bE1 key on the keyboard.

The display will show: 005



Turn the Data Control knob to step through the available time signatures.

The available time signatures will be shown on the LED display as they appear below: 0.0.1, 0.0.2, 0.0.3, 0.0.4, 0.0.5, 0.0.6, 0.0.7, 0.0.8, 0.0.9, 0.1.0, 0.1.1, 0.1.2



Please note that time signature and Tempo cannot be changed while recording a song in Song Record Mode.

NOTE

Now the Data Control knob is assigned to control time signature instead of Voice Selection. To reassign the Data Control knob for Voice Selection, press the Voice / Function button and then press the bE2 key. (This procedure is illustrated at the beginning of the “Edit Mode” section.) Also, keep in mind that no matter how the Data Controller knob is assigned, you can always select sounds (in Performance Mode) by holding down the Voice /Function button while turning the Data Control knob.

Song Recording

The Song Recorder built into the piano can record two individual tracks, allowing you to record one part and then record a second complementary part while the first part is played back.

To Record a Track

Press the [Record] button to enter Record Wait Mode. The Record button LED will light, and the Demo/Learn button will flash.

The LED display will show: 0 1 1



This piano is now in Record Wait Mode.

To start recording, begin playing the keyboard. Recording starts automatically as soon as you start playing.



NOTE

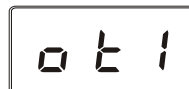
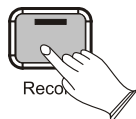
When Record Wait Mode is active, you can also start recording by pressing the Demo/Learn button. In that case, the Song Recorder will record silence until you start playing the keyboard. (The first one measures are tempo only. It cannot record any data.)

Press the [Record] button again to stop the recording.



Manually Select a Track to Record:

Press the [Record] button to enter Record Wait Mode.



Turn the Data Control knob to select between Only Track 1, Only Track 2, Track 1, Track 2.

The display will show: 0 1, 0 2, 1 1, 1 2.



You will also see options for “Clear 1” (abbreviated “cl1”) and “Clear 2” (abbreviated “cl2”), which you can ignore for the moment. These will be discussed later in this section.

0 1 In this case, you can record the song in Track 1, if the Track 2 has data, it will not play.

0 2 In this case, you can record the song in Track 2, if the Track 1 has data, it will not play.

1 1 In this case, you can record the song in Track 1, if the Track 2 has data, it will play automatically.

1 2 In this case, you can record the song in Track 2, if the Track 1 has data, it will play automatically.

cl 1 In this case, you can clear the record data of Track 1.

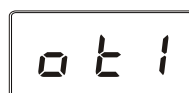
cl 2 In this case, you can clear the record data of Track 2.

When the LED display shows the track you wish to record to, you may begin playing whenever you are ready, and recording will automatically begin as soon as you play the first note.

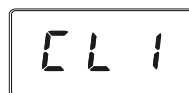


Clearing a Single Track in the Song Recorder:

Press the [Record] button enter Song Recording Mode.

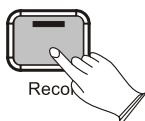


Use the [Data Control] knob to select the track you wish to clear.



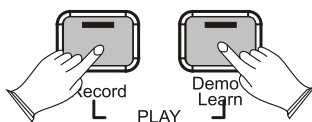
Press the [Record] button, the track will be erased, and this piano will be back in Performance Mode.

The LED will then display the currently selected Voice



Playing Back Your Song Recorder Tracks:

Press the [Record] button and the [Demo/Learn] button at the same time to enter Song Play Mode.



Use the [Data Control] knob to select one of the following:



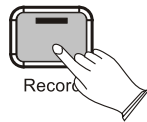
5 n 9 Playback of both of the Song Recorder tracks simultaneously.

Err 1 Playback of Song Recorder Track 1.

Err 2 Playback of Song Recorder Track 2.

Press the [Demo/Learn] button to start playback.

While the Song is playing the LED display will show: P.n.o



NOTE

If there is nothing recorded on either of the tracks (1 or 2), then the Song will not play. Rather, the LED will show “Err” quickly, and this piano will exit Song Play Mode and resume Performance Mode, with the LED display showing the currently selected voice.

To Stop Playback and Exit Song Play Mode:

Press the [Demo/Learn] button. Song playback will stop, and this piano will exit Song Play Mode and resume Performance Mode with the LED display showing the currently selected voice.

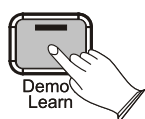


Learning Function

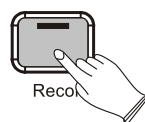
There are several songs built into this Piano for your musical enjoyment. These songs have separate left and right-hand parts that can be turned on and off as required so you can practice the corresponding part on the piano.

1. Selecting A Song

Press and hold down the [Demo/Learn] button to enter the Learning Mode. The song number will appear on the LED display. Both Right and Left indicator are light.

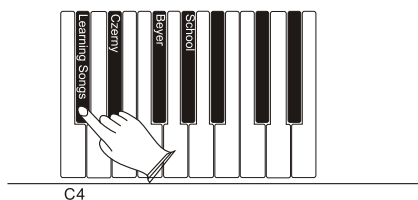


Use the [Data Control] knob to select a song. Press the [Record] button to start playing the song.



Selecting a song of song bank

Press and hold down the [Function/Right] button and then press the C#4 (Eb4, F#4, Ab4) key to select the desired song bank. If you select the right song, your instrument will generate a sound, then you can use the Data Control knob to select desired song.



The Czerby bank includes 70 learning songs, the Beyer bank includes 106 learning songs and the School bank includes 275 learning songs.

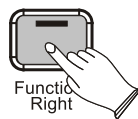
2. Listening To The Entire Song

- 1). With the play along song mode engaged, press the [Record] button to hear both hand parts playing the entire song.
- 2). Press the [Record] button again to stop. Otherwise, playback will stop automatically at the end of the song.



3. Practicing The Right Hand Of The Selected Song

- 1). Press and hold down the [Demo/Learn] button to enter the Learning Mode. Both Right and Left button are light. Press the [Function/Right] to mute the right hand part.



- 2). Press the [Record] button. Then you will hear the song. You will only hear the left-hand part.



- 3). Play the right-hand part of your selected song while the left-hand part plays.
- 4). Press the [Record] button again to stop. Otherwise, playback will stop automatically at the end of the song.

4. Practicing The Left Hand Of The Selected Song

Follow steps 1-4 listed above, substituting the [Metronome/Left] button whenever the [Function/Right] button is mentioned. You will hear the right-hand part of your selected song. Play the left-hand part of your selected song while the right-hand part plays.

5. Turn off the Learning mode

Press the [Demo/Learn] again to turn off the learning mode.

NOTE

After you finish learning one song, your piano may automatically score 0~100 on your performance.

MIDI Functions

If you are an advanced MIDI user, this section will help you to access the MIDI controller capabilities of the piano. If you already know that you need this specialized functionality, then this section is for you. However, this information is not necessary in order to enjoy playing the piano. A good rule to keep in mind is: If you don't know what a function described in this section is, then you probably don't need it.

MIDI, or Musical Instrument Digital Interface, is the way most electronic keyboards communicate with computers and with each other. Through a series of MIDI messages a computer or keyboard can tell an instrument what note to play, how loud to play it, when to stop playing it, and a host of other information.

The piano can send MIDI information to a computer or another MIDI-capable instrument, via its MIDI or USB output.

Local On/Off(#C3)

Turning the Local On/Off function to Off will disconnect the keyboard from the internal sound engine of the piano. This means you can use the piano as a MIDI controller to control other MIDI devices (or virtual instrument software running on your computer) without playing the internal sounds of the piano. You may also find other occasions (such as when you are using MIDI sequencing software on your computer) where it is useful to turn Local off.

To turn Local On/Off to Off:

Press the [Function/Right] button to enter Function Mode.

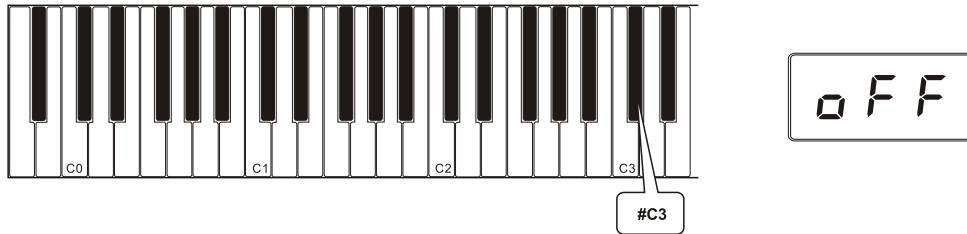


Press the Local On/Off key (#C3)

The LED display will show: $\square F F$

To turn Local On/Off back on, follow the above procedure again.

The LED display will show: $\square \cap$



Appendix

MIDI Implementation Chart

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	1-16	1-16	
	Changed	1-16	1-16	
Mode	Default	Mode 3	Mode 3	
	Messages	O	X	
	Altered	*****	X	
Note Number	True voice	0~127 *****	0~127	
Velocity	ON	O	O	
	OFF	O	O	
After Touch	Key's	X	X	
	Touch Channel	X	X	
Pitch Bend		X	X	
Control Change		0-127	0,1,5,6,7,10,11, 32,64,65,66,67, 80,81,91,93,100, 101,121	
Program Change	True #	0-127 *****	0-7	*8 sounds only PGM=0-7
System Exclusive		O*	O*	*The controller will recognize and respond to GM Device inquiries. Master Tune supported. Master Volume supported.
System Common	Song Position Pointer	X	X	
	Song Select	X	X	
	Tune Request	X	X	
System Real Time	Clock	X	X	
	Commands	X	X	
Aux Messages	All Sounds Off*	O	O	
	Reset All Controllers	O	O	
	Local ON/OFF*	O	O	
	ALL Notes OFF	O	O	
	Active Sensing	X	O	
	System Reset	X	O	
Notes				

Mode1:OMNI ON,POLY Mode2:OMNI ON,MONO O: Yes
 Mode3:OMNI OFF,POLY Mode4:OMNI OFF,MONO X: NO

Defaults

Default Settings

The table below shows the piano factory default settings and whether or not user changes to these settings are retained after a power-cycle (turning the device off and on):

Parameter	Factory Default	Retained on Power-Down
Program Number & Voice Selected	000 - Grand Piano	No
Octave shift	0	No
Transpose	0	No
Local	On	No
Data Control Assignment	Data = Voice Select	No
Reverb On/Off	Reverb On	Yes
Reverb Depth	18	Yes
Chorus On/Off	Chorus Off	Yes
Chorus Depth	36	Yes
Velocity Curve Selected	“NORMAL”	No
Split Point	#F2	No
Voice Volume	127	Yes
Layer Volume	75	Yes
Split Volume	127	Yes
Metronome Volume	100	Yes
Master Tune	0	No
Tempo	120	No
Layer Mode Voice	n/a	n/a
Split Mode Voice	16 - Electric Bass	No
Layer Mode On/Off	Off	No
Split Mode On/Off	Off	No

Additional Default Information

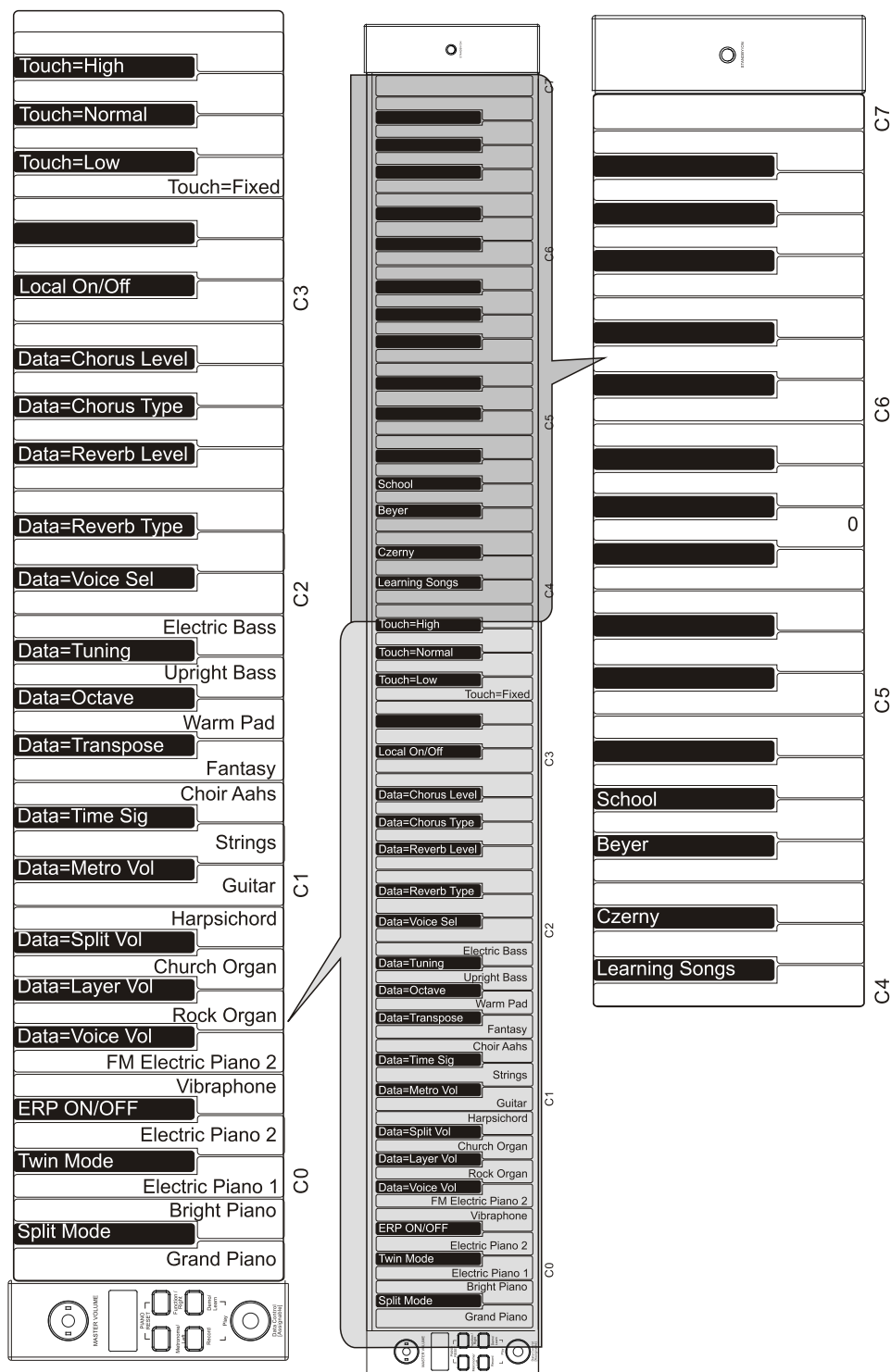
1.Defaults

Parameter	Default	Value Range
Octave Shift	0	-2 to +2
Transpose	0	-12 to +12
Voice Vol	127	0 to 127
Layer Vol	75	0 to 127
Split Vol	127	0 to 127
Metronome Vol	100	0 to 127
Voice Select	1 (Grand Piano)	1 to 16(display shows Voice names)
Tuning	440 Hz (display shows “0”)	-64 (-50 cents) to 63 (+50 cents) in 128 MIDI steps

1 tone = 100 cents, therefore -50 to +50 cents = -1 to +1 semi-tone.

Note this is shown in MIDI steps -64 to 63.

Advanced Functions Keyboard Chart



Piano Reset in Detail

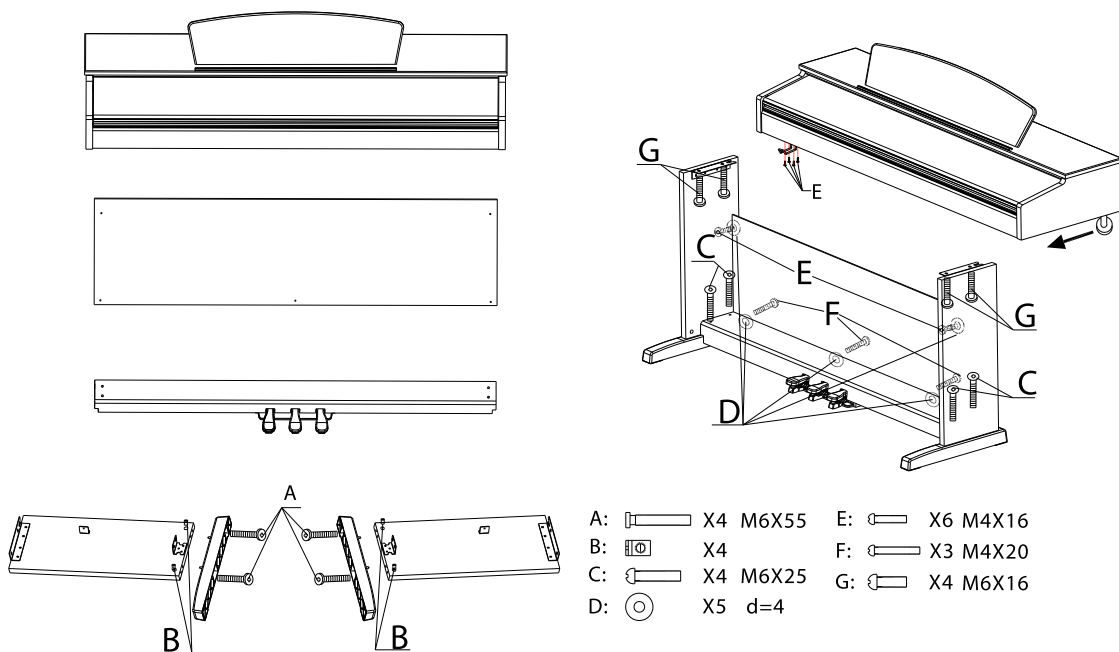
As soon as the Piano Reset function is activated (by pressing the [Metronome/Left] and [Function/Right] buttons simultaneously and then press the STANDBY/ON button), the device will perform the following functions:

1. Turn Local On
2. Assign Data Control to Voice Select
3. Set Volume levels for Main Voice, Split Voice and Layer Voice to defaults
4. Turn off Layer Mode and Split Mode
5. Set Transpose and Octave Shift both back to zero
6. Set the Reverb Depth back to the default value for the Default Voice

Specifications

Keyboard	88 Keys With Touch Sensitivity
Display	LED Display
Voice	16
Polyphony	64
Voice Control	Layer, Touch, Trans, Split, Metro
Pedals	Soft, Sostenuto, Sustain
Effect	Reverb, Chorus
Demo Song	16
Song Recording	Record two individual tracks
Midi	Transmit Settings, Local Control
Connectors	MIDI Out, Pedal,
Speakers	YD158-7/4 Ω 15W
Dimensions(W x D x H)	1490mm $\times$ 520mm $\times$ 415mm
Weight	44Kg
Supplied Accessories:	Owner's Manual

Assembly Instructions



FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

