

**Digital Piano**

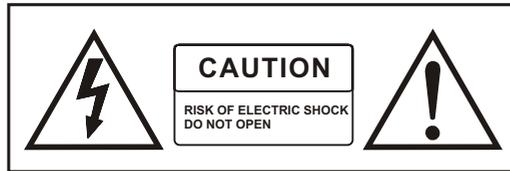
**TG8862**

**owner's manual**

# Precaution

Thank you for purchasing this digital instrument. For perfect operation and security, please read the manual carefully and keep it for future reference.

## Safety Precautions



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

## Important Safety Instructions



(Figure 1)

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings, install in accordance with the manufacturer’s instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety, if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over (Figure 1).
- 13) Unplug this apparatus during lightning storms or when unused for a long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

**WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

**CAUTION:** Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

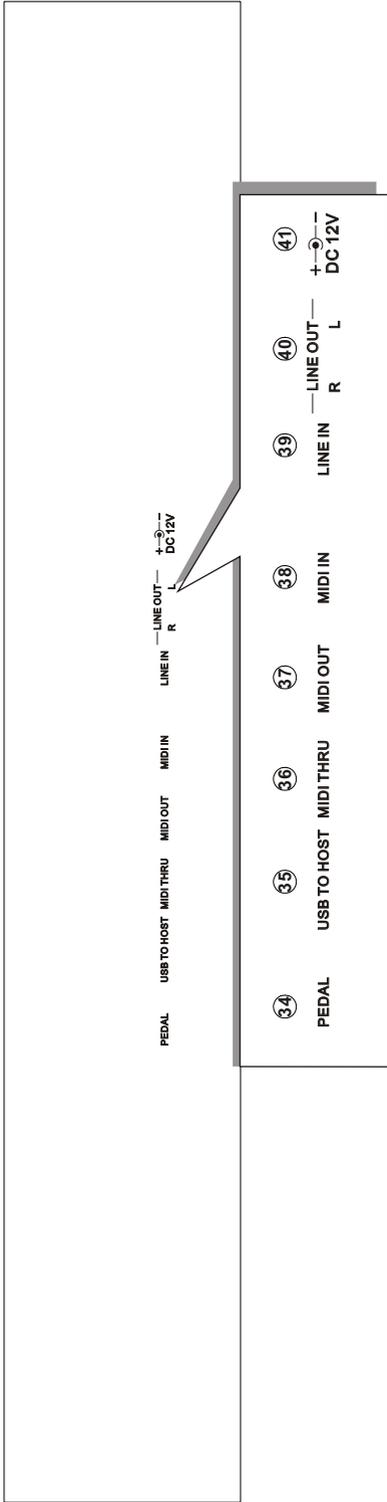
# **Thanks For Using Our Digital Piano**

Your digital piano is a high-quality digital piano with 88 standard touch sensitivity keyboard and combines the most advanced PCM tone generation technology. This digital piano lets you record your performances and Registration settings to a USB Disk. Each user song lets you record up to sixteen independent tracks. In order to obtain maximum performance and enjoyment, please read this manual thoroughly while trying out the various features described.

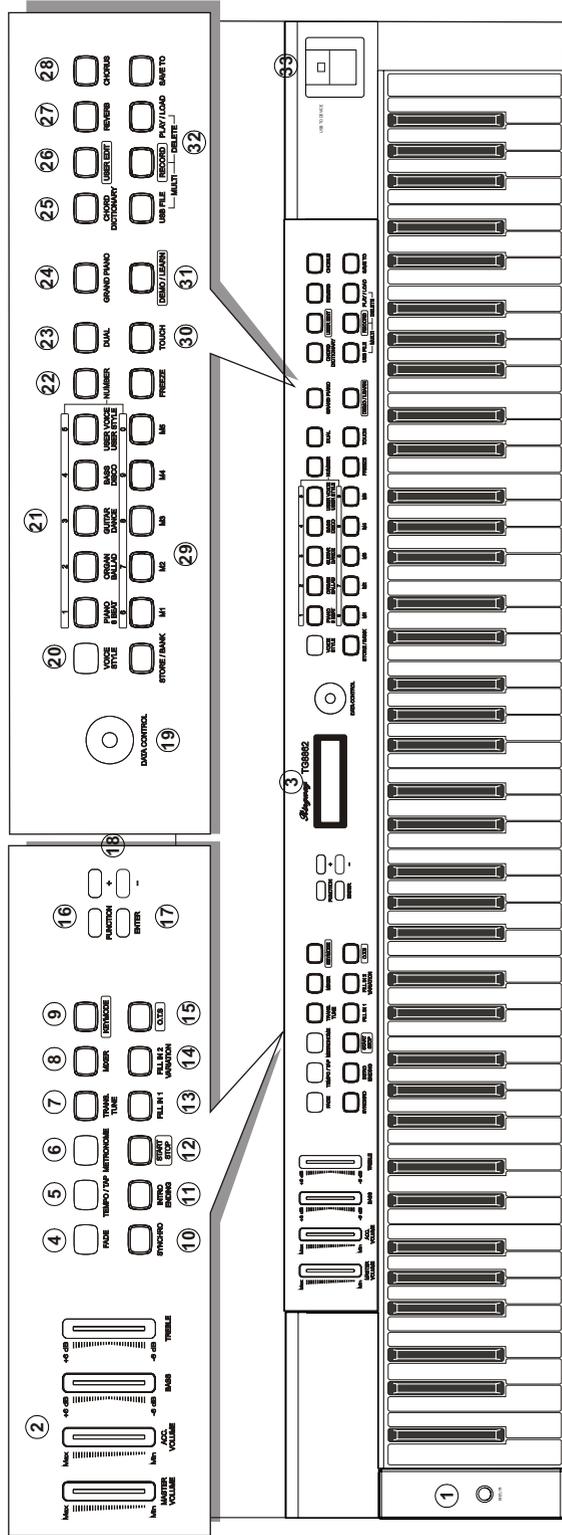
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# 后面板



# 前面板



# Panel Contents

## Top Panel

1. STANDBY/ON
2. MASTER VOLUME  
ACC.VOLUME  
BASS/TREBLE
3. LCD DISPLAY
4. [FADE] Button
5. [TEMPO/TAP] Button
6. [METRONOME] Button
7. [TRANS./TUNE] Button
8. [MIXER] Button
9. [KEYMODE] Button
10. [SYNCHRO] Button
11. [INTRO/ENDING] Button
12. [START/STOP] Button
13. [FILL IN 1] Button
14. [FILL IN 2/VARIATION] Button
15. [O.T.S] Button
16. [FUNCTION] Button
17. [ENTER] Button
18. [+/-] Button
19. [DATA CONTROL] Button
20. [VOICE/STYLE] Button
21. VOICE and STYLE SELECT/  
Number 0~9 Button
22. [NUMBER] Button
23. [DUAL] Button

24. [GRAND PIANO] Button
25. [CHORD DICTIONARY] Button
26. [USER EDIT] Button
27. [REVERB] Button
28. [CHORUS] Knob
29. [STORE/BANK] Buttons  
[M1~M5] Button  
[FREEZE] Button
30. [TOUCH] Buttons
31. [DEMO/LEARN] Button
32. [USB FILE] Button  
[RECORD] Button  
[PLAY/LOAD] Button  
[SAVE TO] Button
33. USB TO DEVICE

## Rear Panel

34. PEDAL Jack
35. USB TO HOST Jack
36. MIDI THRU Jack
37. MIDI OUT Jack
38. MIDI IN Jack
39. LINE OUT Jack
40. LINE IN JACK  
LINE OUT(R/L)
41. DC 12V Jack
42. PHONES Jack

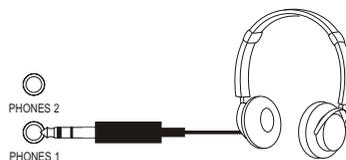
# Connectors

## Using DC Power Jack

Plug the DC output cable from the provided power adapter into DC IN jack in the bottom panel of your instrument, then plug the AC cable of your power adapter into the AC power socket. Please confirm your country's Mains voltage is compatible with the supplied power adaptor. Most of the world's electrical supply is 220v or 240v 50Hz - Some countries such as the USA are on 110v / 60Hz.

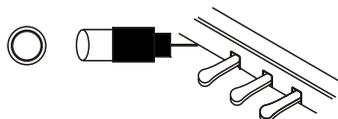
## Using Headphones

Two sets of standard stereo headphones can be plugged in here for private practice or late-night playing. The internal speaker system is automatically shut off when a pair of headphones is plugged into PHONES jacks.



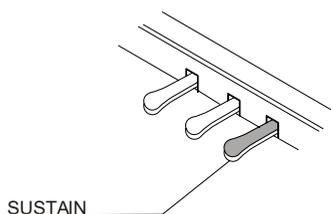
## Using Foot Pedals

Connect the plug of the foot pedal unit to the pedal jack on the rear panel.



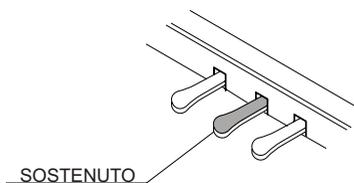
### 1. Damper Pedal (Right)

It performs the same function as the damper pedal on an actual acoustic piano, letting you sustain the sound of the voices even after releasing your fingers from the keys.



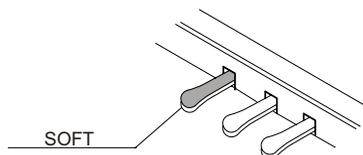
### 2. Sostenuto Pedal (Center)

If you play a note or chord on the keyboard and press the sostenuto pedal while the notes are held, those notes will be sustained as long as the pedal is held, but all subsequently played notes will not be sustained.



### 3. Soft Pedal (Left)

The Soft Pedal controls the sound volume. Press the pedal to decrease the output sound volume.



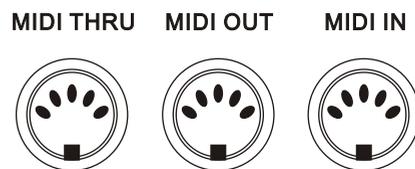
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## Using MIDI THRU/IN/OUT Jack

The Midi In connector receives the Midi data from an external Midi device.

The Midi Out connector transmits Midi data generated by the instrument to other Midi instruments.

The Midi THRU connector retransmits any data from the Midi In directly to other Midi devices.

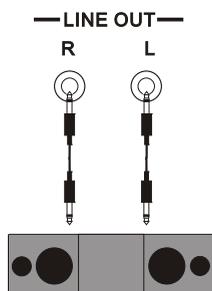


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## Using Line IN/OUT Jack

The audio output from other sound system connected to the LINE IN jack on the bottom panel can be mixed with the sound of the unit. This function is convenient when you want to play along with a favourite song.

The Line out jack can be used to deliver the output of the piano to a keyboard amplifier, stereo sound system, mixing console or tape recorder.



## USB-MIDI/USB AUDIO

This product allows the transfer of MIDI over USB. There is a specific way in which the MIDI signals are routed for maximum flexibility. In a standard Digital Piano, the built-in keyboard sends MIDI signals to the internal sound bank as well as the 5-pin MIDI output. In this digital piano, the keyboard not only sends MIDI to the internal sound bank (just like normal) but also sends MIDI simultaneously to the internal MIDI connection which hooks up inside the device to the Audio Interface.

It is the Audio Interface that controls the USB-MIDI.

USB AUDIO interface is a digital audio interface. By USB cable, you can digitally transfer intact audio signals of PC to this instrument, and enjoy it on this instrument or use it for accompany when you play this instrument; likewise, you can transfer intact audio signals of the instrument to PC to record and edit music.



# Basic Operation

## STANDBY/ON Switch

Turn the power on by pressing the [STANDBY/ON] switch, the panel LCD display will light.



## 1.AUTO STANDBY

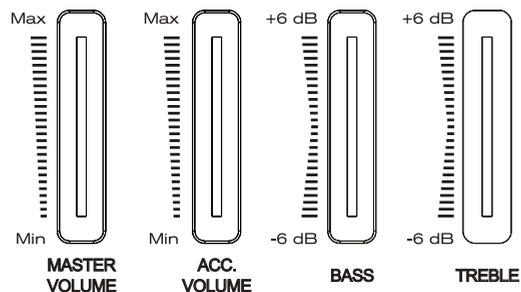
This product will switch off automatically in 30 minutes after no any operation on it. In this case, press the [standby/on] button to off mode, and press the [STANDBY/ON] button again to turn the power switch on.

## 2.Deactivate the AUTO STANDBY function

Hold the first white key and first black key on the left side of the keyboard at the same time and then turn on the unit to deactivate the AUTO STANDBY function.

## Adjust the Volume

Use [MASTER VOLUME] control to adjust the volume to your desired level.



## Demo Play

There are 16 demo songs that you can play individually. Here's how you can select and play the demo songs .

### 1. Listen to the Demo Song

Press [DEMO/LEARN] button to play the demo songs in sequence. Use [+/-] buttons or [DATA CONTROL] knob to select the number of the song you want to play.



### 2. Stop Playing

Press [DEMO/LEARN] button again to stop playing.

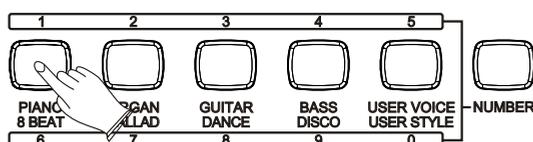
# Voices

## Selecting a Voice

Your instrument has 479 voices, include 128(01-128) GM standard voices. You can use the voice button on the panel, use [+] / [-] buttons or [DATA CONTROL] knob to select voice.

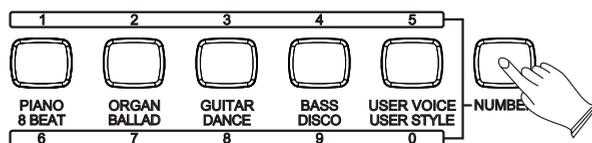
### 1. Selecting Voice Directly

When the [VOICE/STYLE] button is unlighted, means your piano is in Voice mode, now you can use the voice button on the panel to select voice directly, the first row of buttons below as the direct sound.



### 2. Use Number Button and [+/-] Buttons

Press the [NUMBER] button, the indicator light color is red. Now you can use number 0~9 or [+/-] Buttons to select voice.



Voice 01~09 :press number 0 first, then press 1~9

Voice 10~99 : press two numeric buttons directly, for example: to select 99 press the number 9 button and then the number 9 to select the sound.

Voice 100~479: press the number Press 1 to 4 of a button and hold it until the number appears on the display, then you can enter the tens and ones digits.

For example: to select “123 Sea Shore” press number 1 button and hold it until “1\_” appears, then press the number 2 and the number 3 buttons to select the sound.

You also can press the [+/-] buttons until the desired voice appears on the display.

### 3. Use Data Control Knob

In the Voice Mode, clockwise or counterclockwise rotation [DATA CONTROL], can quickly select the Voice.

Clockwise rotation is increasing rapidly, counterclockwise rotation for the rapid decline.

#### NOTE

*When [VOICE/STYLE] button is unlighted, it means the current selection in VOICE mode .*

*When [VOICE/STYLE] button is lighted, it means the current selection in STYLE mode .*

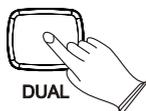
*When [NUMBER] button is unlighted, it means the current selection in direct VOICE or STYLE mode.*

*When [NUMBER] button is lighted, it means the current selection in NUMBER SELECT mode .*

## Dual Mode

In dual mode two voices may be played simultaneously, each at selected volumes.

press [DUAL] button and the indicator is flashing, then press the voice button to select the second voice.No operation in 4 seconds, the display will be returned to the Main Voice mode.



To adjust the volume of the Dual Voice, please refer to “D.Volume” in “MIXER” function. P11

Press [DUAL] button again to exit.

## Mixer

Press [MIXER] button, you can select “M. Volume”, “S. Volume”, “D. Volume”, “Metro Volume”, “USB Volume”.

### 1. M. Volume

When not in Dual mode or Split mode, press the [MIXER] button repeatedly to select “M. Volume”, then use [+/-] Buttons or [Data Control] knob to set the Main Volume. Range: 00~127. Default: 127.



01:GrandPno							
M. Volume:127							

### 2. S. Volume

Press the [MIXER] button repeatedly to select “S. Volume”, the indicator is flashing, then use [+/-] Buttons or [Data Control] knob to set the main volume. Range: 00~127. Default: 127.



01:GrandPno							
D. Volume:127							

### 3. D. Volume

Press the [MIXER] button Repeatedly to select “D. Volume”, the indicator is flashing, then use [+/-] Buttons or [Data Control] knob to set the Main Volume. Range: 00~127. Default: 127.



#### 4. Metro Volume

Press the [MIXER] button Repeatedly to select “Metro.Volume” , then use [+/-] Buttons or [Data Control] knob to set the Main Volume. Range: 00~127. Default: 100.



#### 5. USB Volume

Press the [MIXER] button Repeatedly to select “USB Volume” , then use [+/-] Buttons or [Data Control] knob to set the Main Volume. Range: 00~127. Default: 100.



### Playing Portable Grand Piano

Press [GRAND PIANO] button.

This convenient function lets you instantly call up the Grand Piano voice.



## Keymode

You can adjust the chord, pianist, harmony, split piont, twin by pressing [KEYMODE] button.

### 1. Chord mode

Press [KEYMODE] button, select chord mode, LCD will display “C” symbol in the upper right corner of the screen. The specified left-hand section (left 34 keys) of the keyboard becomes the “Auto Accompaniment” section, and chords played in this section are automatically detected and used as a basis for fully automatic accompaniment with the selected style.



### 2. Chord point

Select Normal mode at first, and then hold down the [KEYMODE] button until the display shows "C.Point", then use the [+/-] buttons or turn the data to set chord point. Range:00~87.



### 3. Pianist mode

Press the [KEYMODE] button repeatedly to select keyboard mode, LCD will display “P” symbol in the upper right corner of the screen.



#### 4. Harmony mode

Press the [KEYMODE] button repeatedly to select harmony mode, LCD will display “H” symbol in the upper right corner of the screen.



#### 5. Split mode

Press the [KEYMODE] button repeatedly to select split mode, LCD will display “S” symbol in the upper right corner of the screen, your keyboard will be split into sections which means different voices can be played with the left and right hands at the same time.



#### 6. Split point

Select harmony mode at first, and then hold down the [KEYMODE] button until the display shows “S.Point”, then use the [+/-] buttons or turn the data to set split point. Range:00~87.



## 7. Twin mode

Press the [KEYMODE] button repeatedly to select twin mode, LCD will display “T” symbol in the upper right corner of the screen, the keyboard will be separated into two play areas.

Right: from #C3 to C7

Left: from A-1 to C3



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## Transpose

The Transpose function allows you to change the pitch of the instrument in semitone steps, up to a maximum setting of 12 semitones (a maximum of one octave up or down).

Press [TRANS./TUNE] button, Use [+/-] buttons to transpose up or down as required. The transposition range is from “-12” (down one octave) through “0” (normal pitch) to “12” (up one octave).



## Tune

The function makes it possible to tune the pitch of your instrument to match other instruments. Press [TRANS./TUNE] button repeatedly, LCD will display “TUNE”, use [+/-] buttons to set Tune value: -64-63.



## Tempo/Tap

Press the [TEMPO/TAP] button, use [+/-] buttons or [DATA CONTROL] knob to decrease or increase the tempo, metronome and styles. Range: 20-280.



If you want to set the tempo before starting rhythm, you have to tap the button 4 times, automatic accompaniment of percussion can start automatically according to the speed of your keys.

Tap on the button 2 times while rhythm is playing, the rhythm tempo are set as your desired speed.



## Metronome

Metronome is a convenient feature for practice, and it can also provide a solid rhythmic guide when recording.

The metronome sound is alternately turned on and turned off by pressing [METRONOME] button.

Hold the [METRONOME] button to enter the page for selecting the time signature. Then use the [+] and [-] buttons or the [DATA CONTROL] knob to select your desired time signature.

Time signature: 2/2, 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 3/8, 6/8, 7/8, 9/8, 12/8. (Default: 4/4)



To adjust the volume of the Metronome, please refer to “Metro.Vol” in “MIXER” function. P12

## Touch

The touch function provides three different types of keyboard touch sensitivity that can be selected to match different playing styles. When turn on the piano, the touch sensitivity default is open.

Press [TOUCH] button, the button indicator is unlighted, LCD will display “FixTouch: 100” . Then Press [TOUCH] button again, the button indicator is lighted, use [+/-] button to select 3 type of touch sensitivity: Normal, Hard, Soft.



When touch sensitivity is off, the indicator is unlighted. You can use [+/-] buttons or [DATA CONTROL] knob to select the value of Fixtouch volume. Range:00~127. Default: 100.



## One Touch Setting

This function is actually a convenient feature which automatically selects a suitable voice for you when you select a style. In addition, various panel settings (such as voice, effect, Tempo, etc.) that match the selected style can be recalled with just a single button [O.T.S].

Press [O.T.S] button repeatedly can turn on or turn off One Touch Setting.



## User Edit

Press [USER EDIT] button to edit the voice that you want, then save the voice to the voice bank, So that you can easily use it.

### 1. User voice Control

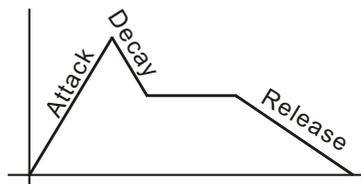
Select the voice you want to edit and then press [USER EDIT] button repeatedly to select “Cut Off” , “Resonance” , “Attack” , “Decay” , “Release” , “Vibrate” , “Vibdepth” , “Vibdelay” , then use [+/-] buttons to set these parameters.



**Cut Off:** Is the control parameter to control the variation of audio and change the filter range of the filter, which may produce the overtone's variation of the sound.  
Range: 00~127. The default value is the median 64 without any effect. (Hint: Similar to a treble knob on a Hi-Fi system.)

**Resonance:** Sets the volume of the overtone on Cutoff Frequency. Higher resonance value produces higher volume of the overtone near the Cutoff Frequency.  
Range: 00~127. The default value is the median 64 without any effect. (Hint: Similar in effect to singing into your hands and making the size of your cupped hands bigger and smaller.)

The parameters of Envelope' s variations are as follows:



**Attack:** How quickly the sound is produced after playing the note. Higher Attack value numbers indicated in the LCD, cause the note to build up to full volume, more slowly. (Like an Accordion) Lower Attack value numbers in the LCD screen, produces faster key response. (Like a bell or gong or piano or jazz organ). The sound is immediate.

**Decay:** Sets how quickly the sound produced dies away whilst holding the note down. Guitars, bells, and other plink type sounds have a quick decay. Whereas a slow decay or even zero decay would be an organ-like effect. If the key is held down the sound will be produced for the entire time that the key is held down.

**Release:** The release time is how long the sound continues after the note is let go. (Hint a Trumpet has a short release time, meaning the sound produced stops immediately, but a gong has a very long release. After the strike of the gong, the sound carries on for many seconds before fading away.

**Vibrate:** Sets the speed of the vibrato effect. The higher values produce faster vibrato speeds. Range: 00~127. The default value is the middle value of 64 without any effect.

**Vibdepth:** Sets the intensity of the vibrato effect. The higher values produce strong vibrato effects. Range: 00~127. The default value is the middle value of 64 without any effect.

**Vibdelay:** set the delay time of the vibrato effect and higher value produces longer delay time. Range: 00~127. The default value is the middle value of 64 without any effect.

## 2. Save User Voice

Your piano contains 1 banks for saving User Voice. You can modify the voice's Envelope, Vibrato and Filter parameters and then save this “New” sound or edited Sound to the User Voice Bank.

Select a voice as the user voice and then press [USER EDIT] button, the buttons indicator is lighted, you can modify the voice's parameters.

Hold down [USER EDIT] button, LCD will display “Save Ok” , so that you can save the edited voice to the desired User Voice Bank.



### **NOTE**

*You can only save the VOICE data (Envelope, Vibrato and Filter settings) to User Voice Banks. Other functions such as Dual Voice, Split Mode and so on, are not sound edits and cannot be stored here.*

## 3. Load User Voice

Press [USER EDIT] button directly to load the desired user voice.

## Effect

This function allows you to perform the overall sound in a realistic style.

### 1. Reverb

The [REVERB] button selects a number of digital reverb effects that you can use for extra depth and expressive power.

Press [REVERB] button can turn off or turn on the reverb effect.

Press [REVERB] button, use [+/-] button or [DATA CONTROL] knob to select reverb type. No reverb is produced when you select “Rev Off” . Default type: Hall2.



The reverb types in the list below can be selected from the reverb display.

1	2	3	4	5	6	7	8
Hall1	Hall2	Room1	Room2	Room3	Stage1	Stage2	Plate

#### NOTE

*Reference: “Reverb Type” in function menu. P37*

### 2. Chorus

Shimmering, broadening effect. Press [CHORUS] button, use [+/-] button or [DATA CONTROL] knob to select chorus type. No chorus is produced when you select “ChorsOff” , and the indicator is off. Default type: Chorus3.



The chorus types in the list below can be selected from the chorus display.

1	2	3	4	5	6	7	8
Chorus1	Chorus2	Chorus3	Chorus4	Feedback	Flanger1	ShrtDelay	ShrtDIFb

9	10	11	12	13	14		
Flanger2	Flanger3	Celeste1	Celeste2	Celeste3	Celeste4		

**NOTE**

**Reference: “Chorus Type” in function menu. P41**

# Funtion

Repeatedly press the [function] button the function to call up the, see the table below:

Funtion type		LCD display	Range	Default
Performance?	Main.Pan	Main.Pan?	-64~63	00
	SplitPan	SplitPan?	-64~63	00
	Dual.Pan	Dual.Pan?	-64~63	00
	Main.Oct.	Main.Oct?	-2~2	00
	SpiltOct.	SpiltOct?	-2~2	00
	Dual.Oct.	Dual.Oct?	-2~2	00
	Arpeggio	Arpeggio?	01,02,OFF	OFF
	MIDI In	MIDI In?	ON/OFF	ON
	MIDI Out	MIDI Out?	01~16,OFF	ON
	Local	Local?	ON/OFF	ON

Funtion type		LCD display	Range	Default
Effect?	Rev. Type	Rev. Type?	Hall1,Hall2,Room1,Room2,Room3,Stage1,Stage2,Plate	Hall2
	M.RevVol	M.RevVol?	00~127	32
	S.RevVol	S.RevVol?	00~127	32
	D.RevVol	D.RevVol?	00~127	32
	Chr. Type	Chr. Type?	Chorus1,Chorus2,Chorus3,Chorus4,Feedback,Flanger1,ShrtDely,ShrtDIFb,Flanger2,Flanger3,Celeste1,Celeste2,Celeste3,Celeste4	Chorus3
	M.ChrVol	M.ChrVol?	00~127	32
	S.ChrVol	S.ChrVol?	00~127	32
	D.ChrVol	D.ChrVol?	00~127	32
Pedal Assign?	Pedal 1	Pedal 1?	Pd1-Fill In1,Pd1-Fill In2,Pd1-Tap,Pd1-MemoryUp,Pd1-Play,Pd1-Null,Pd1-Soft,Pd1-sost,Pd1-StartStop	Pd1-Soft
	Pedal 2	Pedal 2?	Pd2-Fill In1,Pd2-Fill In2,Pd2-Tap,Pd2-MemoryUp,Pd2-Play,Pd2-Null,Pd1-Soft,Pd2-sost,Pd2-StartStop	Pd2-Null

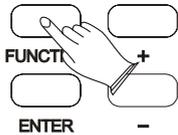
Funtion type		LCD display	Range	Default
Usb.Function?	M.RecTrk	M.RecTrk?	01~16,OFF	01
	S.RecTrk	S.RecTrk?	01~16,OFF	02
	D.RecTrk	D.RecTrk?	01~16,OFF	03
	USBSpeed	USBSpeed?	50~200	100
	PlayMode	PlayMode?	Single,Chain,Random	Chain
Learn?	Grading	Grading?	ON/OFF	ON
	LearnHand	LearnHand?	Left/Right	Right
Other.Func?	Auto Power Off	Auto Power Off?	SLEEPMODE:20Min/ 30Min/40Min/50Min/ 60Min/OFF	30Min

**NOTE**

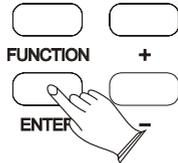
*Press [FUNCTION] button, If 5 seconds without any operation, the piano will automatically exit the menu.*

## Main Voice Pan

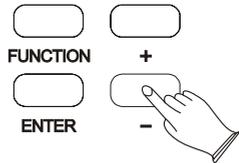
Press the [FUNCTION] button, LCD will display “Performance?”



Press [ENTER] button to confirm, LCD will display “Main.Pan?”



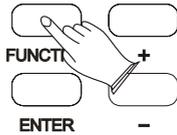
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set the main voice pan value.



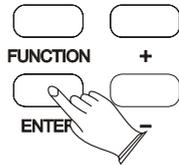
Press the [+] and [-] buttons simultaneously to restore the default value:00.

## Split Voice Pan

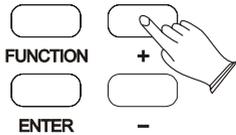
Press the [FUNCTION] button, LCD will display “Performance?”



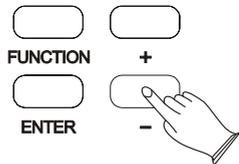
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “SpiltPan?”



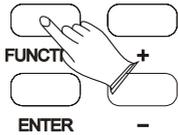
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set the split voice pan value.



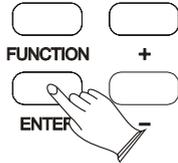
Press the [+] and [-] buttons simultaneously to restore the default value:00.

## Dual Voice Pan

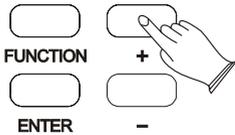
Press the [FUNCTION] button, LCD will display “Performance?”



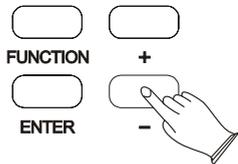
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “SpiltPan?”



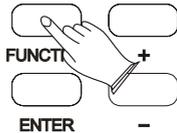
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set the dual voice pan value.



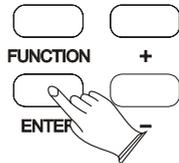
Press the [+] and [-] buttons simultaneously to restore the default value:00.

## Main Voice Octave

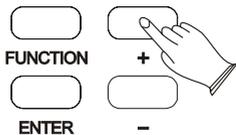
Press the [FUNCTION] button, LCD will display “Performance?”



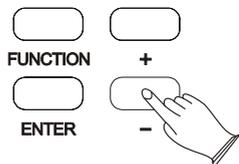
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Main Oct?”



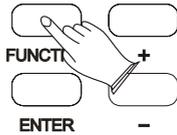
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set the main voice octave value.



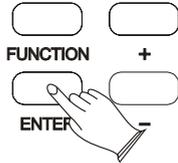
Press the [+] and [-] buttons simultaneously to restore the default value:00.

## Split Voice Octave

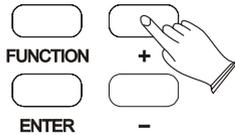
Press the [FUNCTION] button, LCD will display “Performance?”



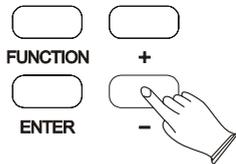
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Spilt.Oct?”



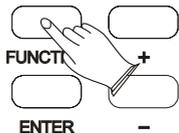
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set the Split voice octave value.



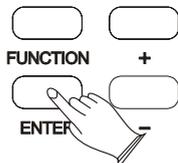
Press the [+] and [-] buttons simultaneously to restore the default value:00.

## Dual Voice Octave

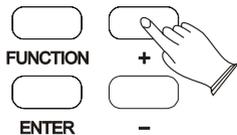
Press the [FUNCTION] button, LCD will display “Performance?”



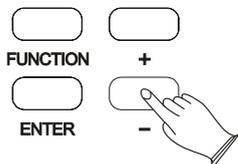
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Dual Oct?”



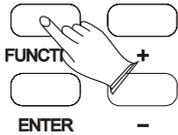
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set the dual voice octave value.



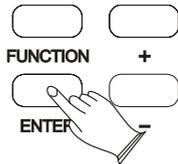
Press the [+] and [-] buttons simultaneously to restore the default value:00.

## Arpeggio

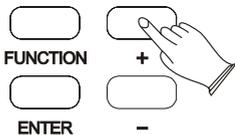
Press the [FUNCTION] button, LCD will display “Performance?”



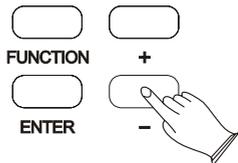
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATACONTROL] knob to select “Arpeggio?”



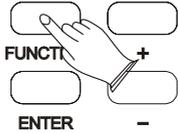
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select “OFF” , “01” , “02” .



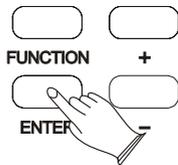
- 01~ Press and hold down one key or a plurality of keys , you will hear a continuous and from low to high.
- 02~ Press and hold down one key or a plurality of keys , you will hear a continuous and from high to low .
- OFF~ The Arpeggio is off.

## Midi In

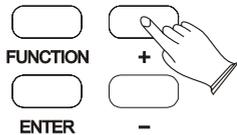
Press the [FUNCTION] button, LCD will display “Performance?”



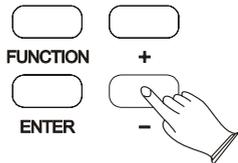
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Midi In?”

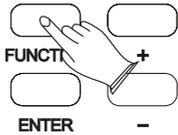


Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select “ON” , “OFF” .

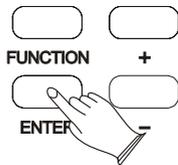


## Midi Out

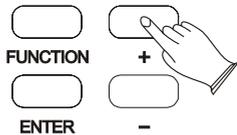
Press the [FUNCTION] button, LCD will display “Performance?”



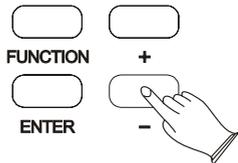
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Midi Out?”

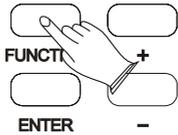


Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select 1~16, OFF.

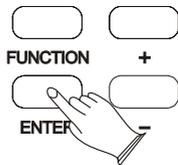


## Local

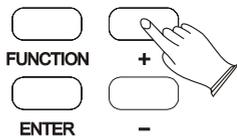
Press the [FUNCTION] button, LCD will display “Performance?”



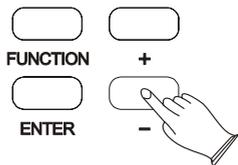
Press [ENTER] button to confirm, LCD will display “Main.Pan?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Local?”

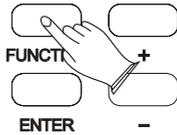


Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select “ON” , “OFF” .

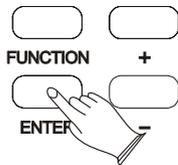


## Reverb Type

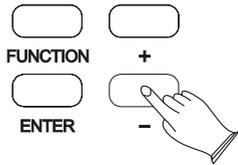
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



Press [ENTER] button to confirm, LCD will display “Rev.Type?”



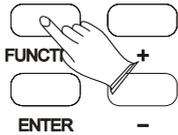
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select 8 reverb type: Hall1, Hall2, Room1, Room2, Room3, Stage1, Stage2, Plate.



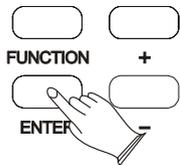
Press the [+] and [-] buttons simultaneously to restore the default reverb type: Hall2.

## Main voice Reverb Level

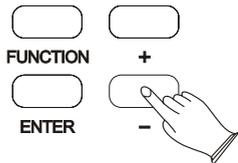
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



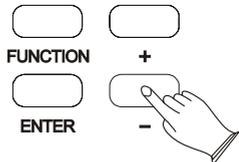
Press [ENTER] button to confirm, LCD will display “Rev.Type?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “M.RevVol?”



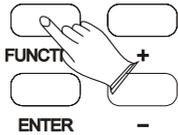
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set main voice reverb level value.



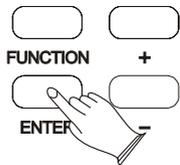
Press the [+] and [-] buttons simultaneously to restore the default value:32.

## Split Voice Reverb Level

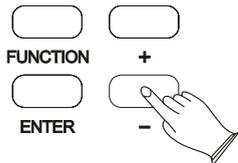
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



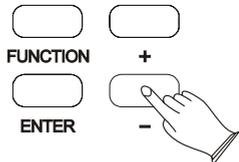
Press [ENTER] button to confirm, LCD will display “Rev.Type?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “S.RevVol?”



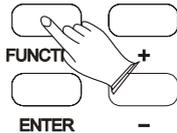
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set split voice reverb level value.



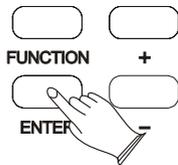
Press the [+] and [-] buttons simultaneously to restore the default value:32.

## Dual Voice Reverb Level

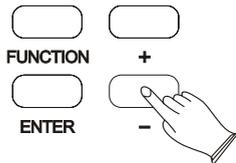
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



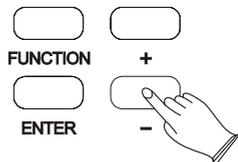
Press [ENTER] button to confirm, LCD will display “Rev.Type?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “D.RevVol?”



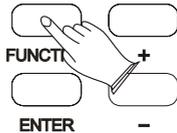
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set dual voice reverb level value.



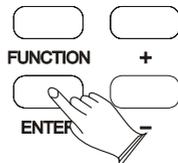
Press the [+] and [-] buttons simultaneously to restore the default value:32.

## Chorus Type

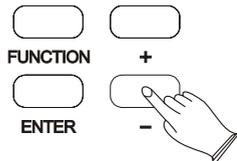
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



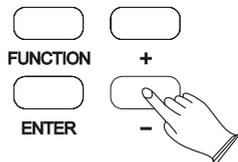
Press [ENTER] button to confirm, LCD will display “Rev.Type?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Chr.Type?”



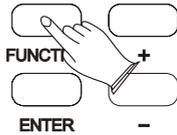
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select 14 chorus types.



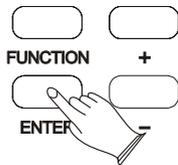
Press the [+] and [-] buttons simultaneously to restore the default reverb type:Chorus3.

## Main voice Chorus Level

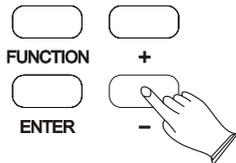
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



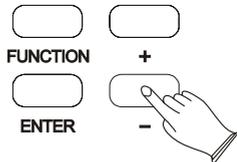
Press [ENTER] button to confirm, LCD will display “Rev.Type?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “M.ChrVol?”



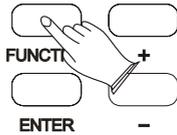
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set main voice reverb level value.



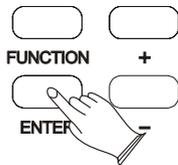
Press the [+] and [-] buttons simultaneously to restore the default value:32.

## Split voice Chorus Level

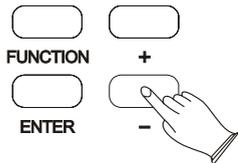
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



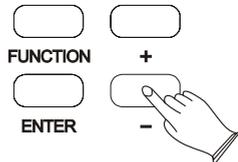
Press [ENTER] button to confirm, LCD will display “Rev.Type?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “S.ChrVol?”



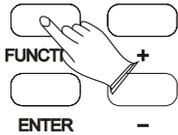
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set main voice reverb level value.



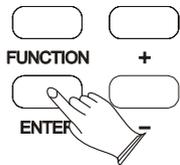
Press the [+] and [-] buttons simultaneously to restore the default value:32.

## Dual voice Chorus Level

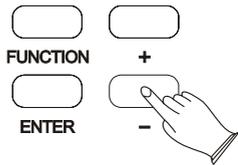
Press the [FUNCTION] button repeatedly, LCD will display “Effect?”



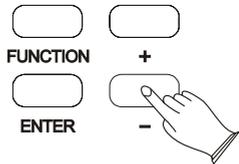
Press [ENTER] button to confirm, LCD will display “Rev.Type?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “D.ChrVol?”



Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to set dual voice reverb level value.



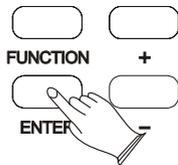
Press the [+] and [-] buttons simultaneously to restore the default value:32.

## Pedal Control

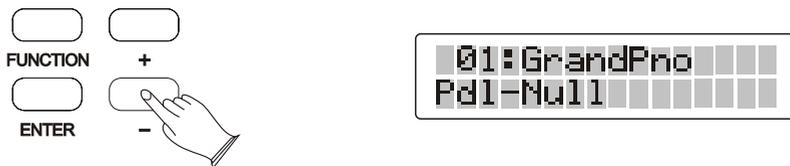
Press the [FUNCTION] button repeatedly, LCD will display “Pedal Assign?”



Press [ENTER] button to confirm, LCD will display “Pedal 1?”



Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select “Pd1-Fill In1”, “Pd1-Fill In2”, “Pd1-Tap”, “Pd1-MemoryUp”, “Pd1-Play”, “Pd1-Null”, “Pd1-Soft”, “Pd1-sost”, “Pd1-StartStop” .



Pd1-Null-----The switch will not control any function.

Pd1-Soft-----

Pd1-Sos-----If you play a note or chord on the keyboard and press the sostenuto pedal while the notes are held, those notes will be sustained as long as the pedal is held, but all subsequently played notes will not be sustained.

Pd1-StrtStop-----This function correspond to the [START] button on the panel.

Switches the rhythm on/off whenever you press the Left Foot-switch.

Pd1-Fil11-----This function correspond to the [FILL IN] button on the panel. Let you add dynamic variations and breaks in the rhythm of the accompaniment.

Pd1-Fil12-----This function correspond to the [FILL IN] button on the panel. Let you add dynamic variations and breaks in the rhythm of the accompaniment.

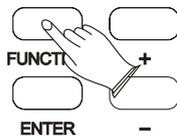
Pd1-Tap----

Pd1-Play-----USB MIDI Play

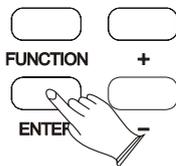
Pd1-MemoryUp-----Anytime you store to a REGISTRATION MEMORY button, all settings previously stored in that button will be erased and replaced by the new settings.

## Pedal2 Control

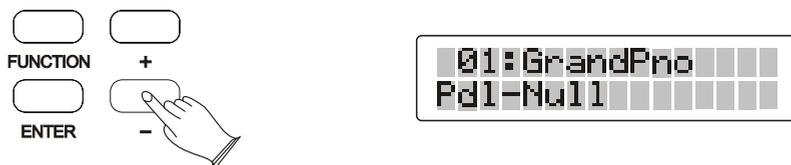
Press the [FUNCTION] button repeatedly, LCD will display “Pedal Assign?”



Press [ENTER] button to confirm, LCD will display “Pedal 2?”



Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select “Pd2-Fill In1”, “Pd2-Fill In2”, “Pd2-Tap”, “Pd2-MemoryUp”, “Pd2-Play”, “Pd2-Null”, “Pd2-Soft”, “Pd2-sost”, “Pd2-StartStop” .



Pd1-Null-----The switch will not control any function.

Pd1-Soft-----

Pd1-Sos-----If you play a note or chord on the keyboard and press the sostenuto pedal while the notes are held, those notes will be sustained as long as the pedal is held, but all subsequently played notes will not be sustained.

Pd1-StrtStop-----This function correspond to the [START] button on the panel. Switches the rhythm on/off whenever you press the Left Foot-switch.

Pd1-Fil11-----This function correspond to the [FILL IN] button on the panel. Let you add dynamic variations and breaks in the rhythm of the accompaniment.

Pd1-Fil12-----This function correspond to the [FILL IN] button on the panel. Let you add dynamic variations and breaks in the rhythm of the accompaniment.

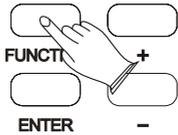
Pd1-Tap-----

Pd1-Play-----USB MIDI Play

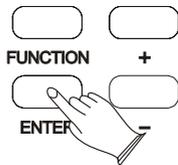
Pd1-MemoryUp-----Anytime you store to a REGISTRATION MEMORY button, all settings previously stored in that button will be erased and replaced by the new settings.

## Main voice Track

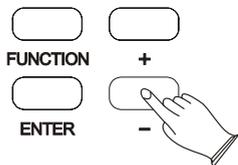
Press the [FUNCTION] button repeatedly, LCD will display “Usb.Function?”



Press [ENTER] button to confirm, LCD will display “M.RecTrk?”



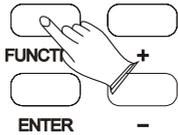
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select main voice track 01~16 and Off.



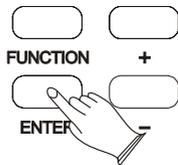
Press the [+] and [-] buttons simultaneously to restore the default main voice track: 01.

## Split voice Track

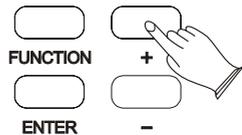
Press the [FUNCTION] button repeatedly, LCD will display “Usb.Function?”



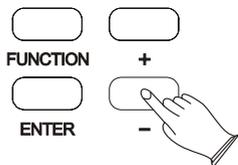
Press [ENTER] button to confirm, LCD will display “M.RecTrk?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “S.RecTrk?”



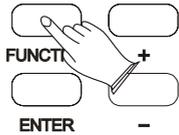
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select split voice track 01~16 and Off.



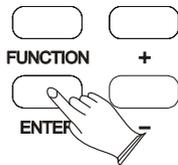
Press the [+] and [-] buttons simultaneously to restore the default main voice track: 02.

## Dual voice Track

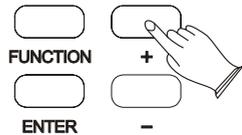
Press the [FUNCTION] button repeatedly, LCD will display “Usb.Function?”



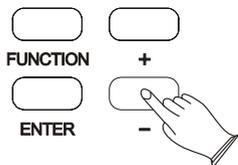
Press [ENTER] button to confirm, LCD will display “M.RecTrk?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “D.RecTrk?”



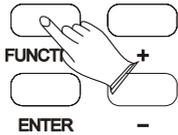
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select dual voice track 01~16 and Off.



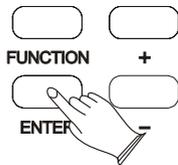
Press the [+] and [-] buttons simultaneously to restore the default main voice track: 03.

## USB Speed

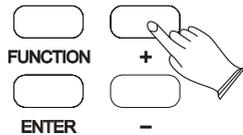
Press the [FUNCTION] button repeatedly, LCD will display “Usb.Function?”



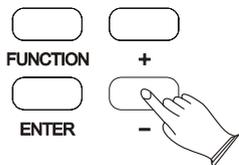
Press [ENTER] button to confirm, LCD will display “M.RecTrk?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “USBSpeed?”



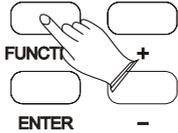
Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select USB speed.



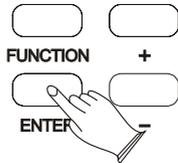
Press the [+] and [-] buttons simultaneously to restore the default value: 100.

## Play Mood

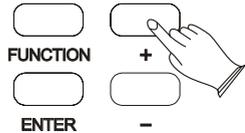
Press the [FUNCTION] button repeatedly, LCD will display “Usb.Function?”



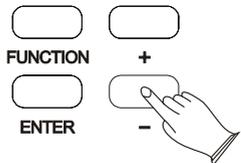
Press [ENTER] button to confirm, LCD will display “M.RecTrk?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “PlayMode?”



Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select the play mode:Single,Chain,Random.

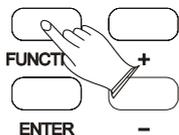


Press the [+] and [-] buttons simultaneously to restore the default playmode: Chain.

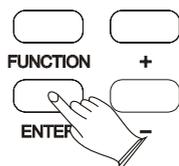
Single----- Single play  
 Chain-----Order play  
 Random-----Then play

## Left/right Hand

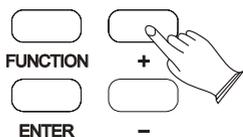
Press the [FUNCTION] button repeatedly, LCD will display “Learn?”



Press [ENTER] button to confirm, LCD will display “LearnHand?”



Use [+/-] buttons or the [DATA CONTROL] knob to select “Left”  
 “Right” .

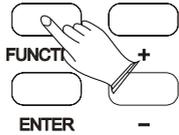


Left—Left Hand.

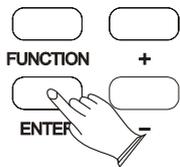
Right—Right Hand.

## Auto Power Off

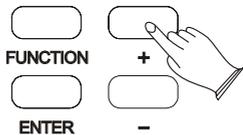
Press the [FUNCTION] button repeatedly, LCD will display “Other Func?”



Press [ENTER] button to confirm, LCD will display “Auto Power Off?”



Press [ENTER] button to confirm, use [+/-] buttons or the [DATA CONTROL] knob to select sleep mode: 20Min, 30Min, 40Min, 50Min, 60Min and OFF .

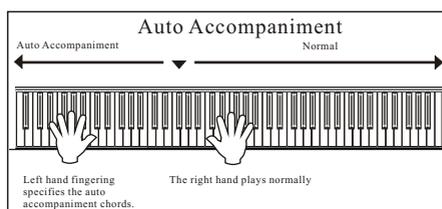


Press the [+] and [-] buttons simultaneously to restore the default value: 30Min.

# Auto Accompaniment

Your instrument has 203 accompaniment styles which can be used to provide Fully-orchestrated Auto Accompaniment. When the Auto Accompaniment function is turned on, your instrument will create fully-orchestrated rhythm, bass and chord accompaniment based on chords you play with the left hand in the Auto Accompaniment section of the keyboard (i.e. all keys to the left of the Auto Accompaniment split point). The right-hand section of the keyboard is available for normal playing.

The default Auto Accompaniment split point is the  $\#F2$  key. The Auto Accompaniment section of the keyboard consists of all keys to its left.

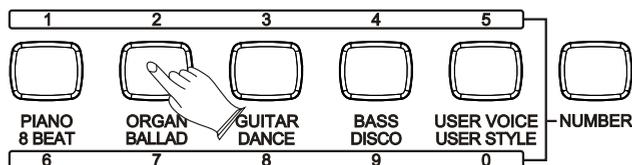


## Selecting a Style

Press [VOICE/STYLE] button, the indicator is lighted, you can use the voice button on the panel, use [+]/[-] buttons or [DATA CONTROL] knob to select the style.

### 1. Selecting Voice Directly

When the [VOICE/STYLE] button is lighted, means your piano is in Style mode, now you can use the voice button on the panel to select voice directly, the second row of buttons below as the direct style.



### 2. Use Number Button and [+/-] Buttons

Press the [NUMBER] button, the indicator light color is red. Now you can use number 0~9 or [+/-] Buttons to select style.

Style 01~09 :press number 0 first, then press 1~9

Style 10~99 : press two numeric buttons directly, for example: to select 99, press the number 9 button and then the number 9 to select the sound.

Style 100~203: press the number 1 to 2 of a button and hold it until the number appears on the display, then you can enter the tens and ones digits. For example: to select “123 Sea Shore” press number 1 button and hold it until “1\_” appears, then press the number 2 and the number 3 buttons to select the sound.

You also can press the [+/- ] buttons until the desired voice appears on the display.

### 3.Use Data Control Knob

In the Style Mode, clockwise or counterclockwise rotation [DATA CONTROL], can quickly select the Style.

Clockwise rotation is increasing rapidly, counterclockwise rotation for the rapid decline.

#### **NOTE**

*When [VOICE/STYLE] button is unlighted, it means the current selection in VOICE mode .*

*When [VOICE/STYLE] button is lighted, it means the current selection in STYLE mode .*

*When [NUMBER] button is unlighted, it means the current selection in direct VOICE or STYLE mode.*

*When [NUMBER] button is lighted, it means the current selection in NUMBER SELECT mode .*

## Start the Style

Press [VOICE/STYLE] button, the indicator is lighted, you can use the voice button on the panel, use [+] / [-] buttons or [DATA CONTROL] knob to select the style.

### 1. Start Immediately

Press [START/STOP] button to start the style.



### 2. Turn the Chord Function On

*Reference: “Chord” in “Key mood” function. P13*

The left hand section of the keyboard becomes the Auto Accompaniment section, and chords played in this section are automatically detected and used as a basis of for fully automatic accompaniment with the selected style.

### 3. Using Synchro Start

Press the [SYNCHRO] button to enter the sync start waiting mode, then the accompaniment will start when you play the first chord on the Auto Accompaniment section of the keyboard.



#### 4. Starting the Accompaniment With an Introduction

Any of your instrument accompaniment patterns can be started with an appropriate introduction by pressing the [INTRO/ENDING] button directly.

If you press the [SYNCHRO] button and then press the [INTRO/ENDING] button, the accompaniment will start from the introduction as soon as a chord is detected in the Auto Accompaniment section of the keyboard.



#### 5. Using Fill In Start

Press the [SYNCHRO] button and then press the [FILL IN 1] or [FILL 2/VARIATION] button, the accompaniment will start from Fill In as soon as a chord is detected in the Auto Accompaniment section of the keyboard.

---

### Stop the Style

You can do this in one of three ways.

a. Stop Immediately

The accompaniment can be stopped at any time by pressing the [START/STOP] button.

b. Ending Stop

Press the [INTRO/ENDING] button, the style stops after the ending section is finished.



### c. Pressing the [SYNCHRO] Button

This immediately stops style and automatically enables Sync Start, letting you re-start the style by simply playing a chord or key in the auto accompaniment area of the keyboard.

---

## Fade

Press [FADE] button makes rhythm fade up when starting the rhythm.

While rhythm is playing, press [FADE] button to make rhythm fade away.




---

## Adding Fill-In

Press the [FILL IN 1] button at any time while the accompaniment is playing to add a one-measure fill-in.

When the accompaniment is playing, press [FILL 2 / VARIATION] button, fill-in accompaniment will immediately start playing, continuing with the FILL 2/ VARIATION Section. Hold down the [FILL IN 1] or [FILL 2/ VARIATION] button when the style is playing, the selected FILL pattern repeats continuously until button is released.

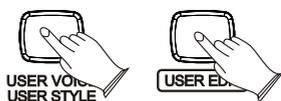
## Adjusting the Accompaniment Volume

Use the ACC. VOLUME Control to adjust the Accompaniment volume.

## User rhythm recording

### Save User Style

Press [EDIT] button and [USER STYLE] button at the same time, the LCD will display “StyleRec”, then press one key to start record. The [START/STOP] button indicator is light, there is 2 section rhythm cycle performance. At the same time start the rhythm, can be arbitrarily added percussion. Press [START/STOP] button to stop the recording.



Press the [START/STOP] button to play the recording.

At this time, press and hold down the [USER STYLE] button to save the recorded user style, the LCD will display “Save Ok” .

### Load User Style

Press the [USER STYLE] button, indicator is light, You can load the current recorded user rhythm.

# Registration Memory

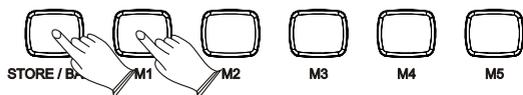
The piano can store 5 groups x 6 banks of panel settings. By pressing the corresponding memory button, you can recall these settings rapidly. You can preset the panel settings to suit to your performance and store them to the registration memory positions.

## Store

a. Press [STORE/BANK] button repeatedly to select (1MmryBank~6MmryBank)



b. Hold down the [STORE/BANK] button, and then Press the [M1-M5] button, the current panel settings are stored in the memory.

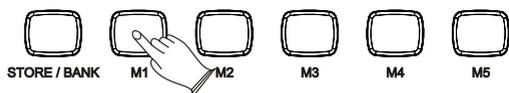


## Load

a. Press [STORE/BANK] button repeatedly to select (1MmryBank~6MmryBank)



b. Press the [M1-M6] buttons, can recall the information you have stored. The LCD displays the panel settings as well as memory position number.



## NOTE

*Anytime you store to a REGISTRATION MEMORY button, all settings previously stored in that button will be erased and replaced by the new settings.*

## Freeze Function

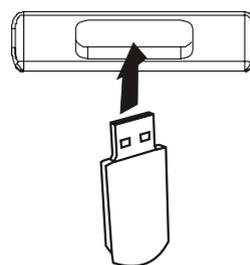
Press the [FREEZE] button to turn ON/OFF the freeze function and its icon. When the freeze function is ON, the memory settings can be recalled with the exception of any accompaniment settings. You can use the registration memory function without affecting the accompaniment.



```
01:GrandPno
Tem:120 Vol:127
```

## Saving the Registration Data to USB Disk

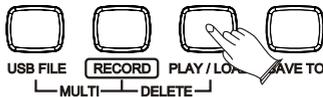
Insert the USB Disk into the USB terminal.



Press the [SAVE TO] button simultaneously, a message “xxREGSTxxx” (xx indicates this file's sequence Num in UDisk. xxx indicates registration file number ) appears, indicating your Registration Memory Settings are saved to USB Disk, with 8 Registrations stored to a single file.

## Use Registration Data from USB

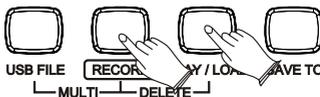
Insert the USB Disk into the USB terminal. Use [+/-] button or [DATA CONTROL] knob to select REG file, then press [PLAY/LOAD] button, display shows “Load OK!” .



30 Registrations will be loaded to the memory store on the panel. You can recall the information you have loaded by pressing M1-M5.

## Delete REG File from USB

Insert the USB Disk into the USB terminal. Use [+/-] buttons or [DATA CONTROL] knob to select “REG” file you want to delete, then press the [RECORD] button and press [PLAY/LOAD] button simultaneously. LCD shows:



Press [+] button to delete the file.  
Press [-] button to cancel.

# Song Recording

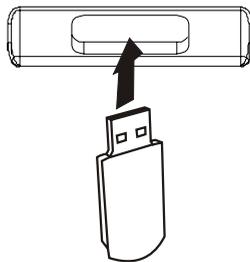
This digital piano lets you record your performances and Registration settings to a USB Disk. Each user song lets you record up to sixteen independent tracks. These include not only the voices for the keyboard performance, but also the auto accompaniment parts.

It provides two different ways to record: Quick Recording and Multi Track Recording.

(All the recording data will be saved automatically as MIDI Format 0 File to your USB Disk).

## Quick Recording

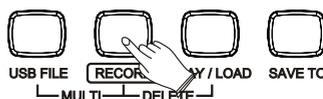
### 1. Insert the USB Disk into the USB Terminal



### 2. Start Recording

Press the [RECORD] button to start recording.

(The first one measures are tempo prompt only. It cannot record any data).



### 3. Stop Recording

Press [RECORD] button again to stop recording.

Recording stops and your performance is written to the song. The song to which your performance is recorded is automatically named “xxxSONG\_xxx” (xxx indicates this file's sequence Num in UDisk. xxx indicates the recording file number). You can edit the song as desired by computer or midi edit soft.



Quick Recording automatically makes track assignments as below:

Track 1----- Main Voice  
Track 2----- Split Voice  
Track 3----- Dual Voice

You also can use accompaniment styles to record. The accompaniment style will be recorded on track9-track16.

The quick recording method is different from the multi recording method. In quick recording mode, track4-track8 are not allowed to record. but for multi recording, the recorded data is recorded on tracks 1-16.

If you wish to re-record a user song that was originally recorded by the easy recording method, please use Multi Track Recording.

## Multi Track Recording

Multi track recording provides two ways to record.



**Use Auto Track Assignment.  
Select Tracks by Yourself.**



### 1. Use Auto Track Assignment.

a. Insert the USB Disk Into the USB Terminal

b. Press the [RECORD] button to start recording.

(The first one measures are tempo prompt only. It cannot record any data).

Quick Recording automatically makes track assignments as below:

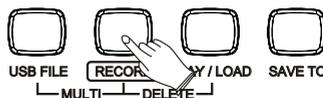
Track 1----- Main Voice

Track 2----- Split Voice

Track 3----- Dual Voice

c. Press [RECORD] button again to stop recording.

Recording stops and your performance is written to the song. The song to which your performance is recorded is automatically named “xxxSONG\_ xxx” ( “xxx” indicates the song file number. “SONG\_ xxx ” is the song's name).



d. Hold down [USB FILE] button ,then press [RECORD] button to start Recording. When the recording is finished, the recording file will be saved as a new file named “002 SONG\_001”

f. Use the same operation as Step “d” to record more tracks. The name of the new file will be saved in sequence.

**NOTE**

*If you want to record new files based on the pre-recorded multi-track file, the new recording will begin with the first track. All the tracks of the pre-recorded multi-track file will follow the newly-recorded tracks in sequence.*

## 2. Select Tracks by Yourself

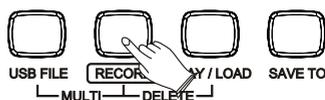
- a. Insert the USB Disk Into the USB Terminal
- b. Press the [RECORD] button to start recording.  
(The first one measures are tempo prompt only. It cannot record any data).

Quick Recording automatically makes track assignments as below:

Track 1----- Main Voice  
Track 2----- Split Voice  
Track 3----- Dual Voice

- c. Press [RECORD] button again to stop recording.

Recording stops and your performance is written to the song. The song to which your performance is recorded is automatically named “xxxSONG\_ xxx” ( “xxx” indicates the song file number. “SONG\_ xxx ” is the song's name).



- d. Press [FUNCTION] button, use [+] or [-] button to select “25M.RecTr? ” , then press [ENTER] button, use [+] or [-] button to select Tracks (01-16,Off).

Default : 01R. RecTrk----- to select the Main Voice track (01-16, OFF)  
02L. RecTrk----- to select the Split Voice track (01-16, OFF)  
03D. RecTrk----- to select the Dual Voice track (01-16, OFF)

If you record Main Voice only, please turn off the Split Track and Dual Track.

e. Hold down the [USB FILE] button ,then press [RECORD] button, when the recording is finished, the recording file will be saved as a new file named “002 SONG\_001”

f. Use the same operation as Step “d” and Step “e” to record more tracks. The name of the new file will be saved in sequence.

---

## Delete Song

Insert the USB Disk into the USB terminal. Use [+] and [-] buttons to select “xxxSONGxxx” file you want to delete, then hold down the [RECORD] button and press [PLAY/LOAD] button. LCD shows:



Press [+] button to delete the file.

Press [-] button to cancel.

---

## USB Files Button

Use this button you can switch to USB mode immediately even the keyboard is in any of other mode.

Insert the USB Disk into the USB socket. Press [USB FILES] button, if your disk is locked or no supported files in it, the display will show “Not Ready” .

---

## USB Volume

*Reference: “USB Volume” in function menu. P16*

# Chord Dictionary

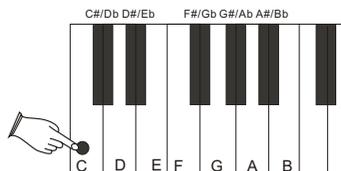
The Chord Dictionary function allows you to look up chords. When you want to quickly learn how to play a certain chord, the Dictionary function will help you to look up the individual note of the chord.

Press the [CHORD DICTIONARY] button, the LED will display “Chord:C” in the top row. ( “C” is the chord Root and the chord type ). The LED will display “C1 E1 G1” in the bottom row. ( “C1 E1 G1” is the chord Root and the chord type ).



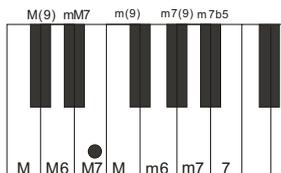
## Selecting the Chord Root

Press the root note of the Chord you want to look up. This needs to be in the Chord Root section (C3~B3) of the keyboard. For example:



## Selecting the Chord Type

After pressing the Chord Root, select the Chord Type you want to look up in the Chord Type section (C4~B5) of the keyboard. The Chord Type includes Major Triad, Minor Triad and Seventh Chord. Then the LCD will display the Chord Type and key position you currently want to look up. If you press the correct key as the notes shown on the LCD, the chord will start.



## Exiting the Chord Dictionary

Press the [CHORD DICTIONARY] Button again to exit the function.

# Teaching Function

Your instrument has an intellectual teach function which can lead a beginner learn how to play a song.

## Left/Right Hand

Hold down the [DEMO/LEARN] button, the LCD will display “Song: 01” , then press the [PLAY/LOAD] button, the [DEMO/LEARN] button and the [PLAY/LOAD] button indicator is flashing. You can play the song at the same time. After the song, use the [+/-] button to select other songs that you want. Range: 01~55.

The default song learning is “Right” .

**Reference:** “Left/right Hand” in function menu. P53



## 3 Steps of Learning Feature

There are three teaching steps for you to learn from playing the songs step by step.

### Learn 1:

Hold down the [DEMO/LEARN] button, the LCD will display “Song: 01” . Press the [DEMO/LEARN] button repeatedly, the LCD will display “Learn1: 01” , press the [PLAY/LOAD] button ,the [DEMO/LEARN] button and the [PLAY/LOAD] button indicator is flashing. Now when you press any one key on the keyboard continuously, the teaching song will be played note by note. It will be easy for you to learn.



```
01:GrandPno
***Learn1: 01***
```

Press the [PLAY/LOAD] button again to stop the learning song mode or use [+/-] button to select other learning song. Range: 01~80.

### Learn 2:

Hold down the [DEMO/LEARN] button, the LCD will display “Song: 01” . Press the [DEMO/LEARN] button repeatedly, the LCD will display “Learn2: 01” , press the [PLAY/LOAD] button ,the [DEMO/LEARN] button and the [PLAY/LOAD] button indicator is flashing. Now the teaching song will not go on until you press the correct key on the keyboard. You can learn how to play a song in a very short time.



```
01:GrandPno
***Learn2: 01***
```

Press the [PLAY/LOAD] button again to stop the learning song mode or use [+/-] button to select other learning song. Range: 01~80.

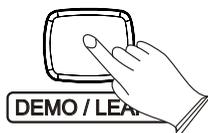
### Learn 3:

Hold down the [DEMO/LEARN] button, the LCD will display “Song: 01” . Press the [DEMO/LEARN] button repeatedly, the LCD will display “Learn2: 01” , press the [PLAY/LOAD] button ,the [DEMO/LEARN] button and the [PLAY/LOAD] button indicator is flashing. Now you can play the song with the instrument play. You can play this song by yourself.



Press the [PLAY/LOAD] button again to stop the learning song mode or use [+/-] button to select other learning song. Range: 01~80.

Press and hold down the [DEMO/LEARN] button to exit the Teaching Function.



# Factory Set

1. Turn off the power.



2. Hold down [+] and [-] buttons, then turn the power on, it can restore all internal settings to factory set.



# Appendix

## Voice List

NO.	PROGRAM CHANGE	BANK	VOICE NAME
Piano			
01	0	0	AcousticGrandPiano
02	1	0	BrighAcousticPiano
03	2	0	ElectricGrandPiano
04	3	0	Honky-TonkPiano
05	4	0	Electricpiano1
06	5	0	ElectricPiano2
07	6	0	Harpichord
08	7	0	Clavi
Chromatic Percussion			
09	8	0	Celesta
10	9	0	Glockenspiel
11	10	0	MusicBox
12	11	0	Vibraphone
13	12	0	Marimba
14	13	0	Xylophone
15	14	0	TubularBells
16	15	0	Dulcimer
Organ			
17	16	0	DrawbarOrgan
18	17	0	PercussiveOrgan
19	18	0	RockOrgan
20	19	0	ChurchOrgan
21	20	0	ReedOrgan
22	21	0	Accordion
23	22	0	Harmonica
24	23	0	TangoAccordion
Guitar			
25	24	0	AcousticGuitar(Nylon)
26	25	0	AcousticGuitar(Steel)
27	26	0	ElectricGuitar(Jazz)
28	27	0	ElectricGuitar(Clean)
29	28	0	ElectricGuitar(Muted)
30	29	0	OverdrivenGuitar
31	30	0	DistortionGuitar
32	31	0	GuitarHarmonics
Bass			
33	32	0	AcousticBass
34	33	0	FingerBass
35	34	0	PickBass
36	35	0	FretlessBass
37	36	0	SlapBass1
38	37	0	SlapBass2
39	38	0	SynthBass1
40	39	0	SynthBass2
Strings			
41	40	0	Violin
42	41	0	Viola
43	42	0	Cello
44	43	0	Contrabass
45	44	0	TremoloStrings
46	45	0	PizzicatoStrings
47	46	0	OrchestralHarp
48	47	0	Timpani
Ensemble 合奏			
49	48	0	StringsEnsemble1
50	49	0	StringsEnsemble2

NO.	PROGRAM CHANGE	BANK	VOICE NAME
51	50	0	Synth Strings 1
52	51	0	Synth Strings 2
53	52	0	Choir Aahs
54	53	0	Voice Oohs
55	54	0	Synth Voice
56	55	0	Orchestra Hit
Brass			
57	56	0	Trumpet
58	57	0	Trombone
59	58	0	Tuba
60	59	0	Muted Trumpet
61	60	0	French Horn
62	61	0	Brass Section
63	62	0	Synth Brass 1
64	63	0	Synth Brass 2
Reed			
65	64	0	Soprano Sax
66	65	0	Alto Sax
67	66	0	Tenor Sax
68	67	0	Baritone Sax
69	68	0	Oboe
70	69	0	English Horn
71	70	0	Bassoon
72	71	0	Clarinet
Pipe			
73	72	0	Piccolo
74	73	0	Flute
75	74	0	Recorder
76	75	0	Pan Flute
77	76	0	Blown Bottle
78	77	0	Shakuhachi
79	78	0	Whistle
80	79	0	Ocarina
Synth Lead			
81	80	0	Lead 1 (Square)
82	81	0	Lead 2 (Sawtooth)
83	82	0	Lead 3 (Calliope)
84	83	0	Lead 4 (Chiff)
85	84	0	Lead 5 (Charang)
86	85	0	Lead 6 (Voice)
87	86	0	Lead 7 (Fifth)
88	87	0	Lead 8 (Bass+Lead)
Synth Pad 合成音色垫			
89	88	0	Pad 1 (New Age)
90	89	0	Pad 2 (Warm)
91	90	0	Pad 3 (Polysynth)
92	91	0	Pad 4 (Choir)
93	92	0	Pad 5 (Bowed)
94	93	0	Pad 6 (Metallic)
95	94	0	Pad 7 (Halo)
96	95	0	Pad 8 (Sweep)
Synth Effects			
97	96	0	Fx 1 (Rain)
98	97	0	Fx 2 (Soundrack)
99	98	0	Fx 3 (Crystal)
100	99	0	Fx 4 (Atmosphere)
101	100	0	Fx 5 (Brightness)

NO.	PROGRAM CHANGE	BANK	VOICE NAME
102	101	0	Fx 6 (Goblins)
103	102	0	Fx 7 (Echoes)
104	103	0	Fx 8 (Sci-Fi)
Ethnic			
105	104	0	Sitar
106	105	0	Banjo
107	106	0	Shamisen
108	107	0	Koto
109	108	0	Kalimba
110	109	0	Bagpipe
111	110	0	Fiddle
112	111	0	Shanai
Percussive			
113	112	0	Tinkle Bell
114	113	0	Agogo
115	114	0	Steel Drums
116	115	0	Woodblock
117	116	0	Taiko Drum
118	117	0	Melodic Tom
119	118	0	Synth Drum
120	119	0	Reverse Cymbal
Sound Effects			
121	120	0	Guitar Fret Noise
122	121	0	Breath Noise
123	122	0	Seashore
124	123	0	Bird Tweet
125	124	0	Telephone Ring
126	125	0	Helicopter
127	126	0	Applause
128	127	0	Gunshot
Piano			
129	0	0	Grand Pno
130	0	90	AcPiano1
131	0	99	AcPiano2
132	0	91	AcPiano3
133	0	92	AcPiano4
134	1	0	BritePno
135	2	0	El Grand Piano 1
136	3	0	HonkyTonk Piano 1
137	3	99	HonkyTonk 2
138	4	0	Electric piano 1
139	5	0	Electric piano 2
140	4	99	ElecPiano3
141	5	99	ElecPiano4
142	4	91	ElecPiano5
143	5	91	ElecPiano6
144	4	98	DetunedEP1
145	5	98	DetunedEP2
146	6	0	Harpichord
147	6	91	Harpichord2
148	6	92	Harpichord3
149	6	99	Harpichord4
150	6	98	CoupledHarpichord
151	7	0	Clavi1
152	7	91	Clavinet2
153	7	92	Clavinet3
154	7	99	Clavinet4

NO.	PROGRAM CHANGE	BANK	VOICE NAME
Chromatic Percussion			
155	8	0	Celesta
156	8	92	Celesta 2
157	8	99	Celesta 3
158	9	0	Glocken1
159	9	99	Glocken2
160	10	0	Music Box
161	11	0	Vibraphone
162	11	92	Vibes 1
163	11	99	Vibes 2
164	12	0	Marimba 1
165	12	99	Marimba 2
166	13	0	Xylophone 1
167	13	99	Xylophone 2
168	14	0	Tubular Bells
169	14	98	ChurchBell
170	14	99	TubeBell
171	15	0	Dulcimer
Organ 风琴			
172	16	0	Drawbar Organ
173	16	98	DetunedOrgan 1
174	17	98	DetunedOrgan 2
175	17	0	Percussive Organ
176	18	0	Rock Organ
177	18	91	ElecOrgan1
178	18	92	ElecOrgan2
179	18	93	ElecOrgan3
180	18	99	ElecOrgan4
181	19	0	Church Organ 1
182	19	98	ChurchOrgan 2
183	19	91	PipeOrgan1
184	19	92	PipeOrgan2
185	19	99	PipeOrgan3
186	20	0	Reed Organ
187	21	0	Accordion
188	21	98	ItalianAccordion
189	21	99	Accordion_MT
190	22	0	Harmonica1
191	22	91	Harmonica2
192	22	99	HarmoPan
193	23	0	Tango Accordion
Guitar			
194	24	0	Nylon Guitar
195	24	98	Ukulele
196	24	99	Guitar1
197	25	0	Steel Guitar 1
198	25	90	Mandolin
199	25	98	StringGuitar
200	25	99	Guitar2
201	26	0	Jazz Guitar
202	26	98	HawaiianGuitar
203	26	99	ElecGuitar1
204	27	99	ElecGuitar2
205	27	0	Clean Guitar
206	27	98	ChorusedGuitar
207	28	0	MutedGuitar
208	28	98	FunkGuitar

NO.	PROGRAM CHANGE	BANK	VOICE NAME
209	29	0	Overdriven Guitar
210	30	0	Distortion Guitar
211	30	98	FeedbackGuitar1
212	31	0	Guitar Harmonics
213	31	98	GuitarFeedback2 2
Bass			
214	32	0	Acoustic Bass 1
215	32	91	Acou Bass 2
216	32	99	Acou Bass 3
217	33	0	Finger Bass
218	33	99	ElecBass 1
219	34	99	ElecBass 2
220	34	0	Pick Bass
221	35	0	Fretless Bass 1
222	35	91	Fretless 2
223	35	99	Fretless 3
224	36	0	Slap Bass 1
225	37	0	Slap Bass 2
226	36	99	Slap Bass 3
227	37	99	Slap Bass 4
228	38	0	Synth Bass 1
229	39	0	Synth Bass 2
230	38	91	SynthBass 3
231	38	92	SynthBass 4
232	38	98	SynthBass 5
233	39	91	SynthBass 6
234	39	92	SynthBass 7
235	39	98	SynthBass 8
Strings			
236	40	0	Violin1
237	40	91	Violin2
238	40	99	Violin3
239	40	98	SlowViolin
240	41	0	Viola
241	42	0	Cello 1
242	42	91	Cello 2
243	42	99	Cello 3
244	43	0	Contrabass 1
245	43	99	ContraBass_MT
246	44	0	Tremolo Strings
247	44	99	DoctorSolo
248	45	0	Pizzicato Strings1
249	45	99	Pizzicato 2
250	46	0	Orchestral Harp 1
251	46	91	Harp 1
252	46	99	Harp 2
253	47	0	Timpani 1
254	47	93	Timpani 2
Ensemble			
255	48	0	Strings Ensemble 1
256	49	0	Strings Ensemble 2
257	48	98	OrchestralPad
258	48	99	StringSection1
259	49	99	StringSection2
260	50	99	StringSection3
261	50	0	Synth Strings 1
262	51	0	Synth Strings 2

NO.	PROGRAM CHANGE	BANK	VOICE NAME
263	50	98	SynthStrings3
264	52	0	Choir Aahs
265	52	99	Chorale
266	53	0	Voice Oohs
267	53	99	SoundTrack
268	54	0	Synth Voice
269	54	99	FunnyVox
270	55	0	Orchestra Hit1
271	55	99	OrchestraHit 2
Brass			
272	56	0	Trumpet 1
273	56	91	Trumpet 2
274	56	99	Trumpet 3
275	57	0	Trombone 1
276	57	91	Trombone 2
277	57	99	Trombone 3
278	58	0	Tuba
279	58	90	Tuba 2
280	58	91	BrassSection1
281	58	99	BrassSection2
282	59	0	Muted Trumpet
283	60	0	French Horn 1
284	60	91	FrenchHorns 2
285	60	99	FrenchHorns 3
286	61	0	Brass Section
287	61	98	Brass2
288	62	0	Synth Brass 1
289	63	0	Synth Brass 2
290	62	91	SynthBrass 3
291	62	98	SynthBrass 4
292	62	99	SynthBrass 5
293	63	91	SynthBrass 6
294	63	98	SynthBrass 7
295	63	99	SynthBrass 8
Reed			
296	64	0	Soprano Sax
297	65	0	Alto Sax
298	66	0	Tenor Sax
299	67	0	Baritone Sax
300	64	99	Sax1
301	65	99	Sax2
302	66	99	Sax3
303	67	99	Sax4
304	68	0	Oboe1
305	68	91	Oboe2
306	68	99	Oboe2001
307	69	0	English Horn 1
308	69	99	English Horn 2
309	70	0	Bassoon 1
310	70	99	Bassoon 2
311	71	0	Clarinet 1
312	71	91	Clarinet 2
313	71	99	Clarinet 3
Pipe			
314	72	0	Piccolo 1
315	72	91	Piccolo 2
316	72	99	Piccolo 3

NO.	PROGRAM CHANGE	BANK	VOICE NAME
317	73	0	Flute 2
318	73	91	Flute 3
319	73	99	BreathPipe
320	73	92	Recorder1
321	74	0	Recorder 2
322	74	99	Pan Flute
323	75	0	Sho
324	75	97	PanPipes
325	75	99	Blown Bottle1
326	76	0	Bottle Bottle2
327	76	99	Shakuhachi
328	77	0	Shakuhachi 2
329	77	99	Whistle 1
330	78	0	Whistle 2
331	78	91	Whistle 3
332	78	99	Ocarina
333	79	0	
Synth Lead			Lead 1 (Square)
334	80	0	Sine Wave
335	80	98	Square Wave
336	80	99	Lead 3 (Sawtooth)
337	81	0	DeepSnare
338	81	99	Lead 5 (Calliope)
339	82	0	Lead 7 (Chiff)
340	83	0	Lead 8 (Charang)
341	84	0	Lead 10(Voice)
342	85	0	Lead 12 (Fifth)
343	86	0	Lead 13 (Bass+Lead)
344	87	0	
Synth Pad			Pad 1 (New Age)
345	88	0	Pad 3 (Warm)
346	89	0	Pad 4 (Polysynth)
347	90	0	Pad 5 (Choir)
348	91	0	Pad 6 (Bowed)
349	92	0	Pad7(Metallic)
350	93	0	Pad 9 (Halo)
351	94	0	Pad 10 (Sweep)
352	95	0	
Synth Effects			Fx 1 (Rain)
353	96	0	IceRain_MT
354	96	99	Fx 2 (Soundrack)
355	97	0	Fx 3 (Crystal)
356	98	0	Fx 4 (Atmosphere)
357	99	0	Fx6(Brightness)
358	100	0	Fx 7 (Goblins)
359	101	0	Fx 8 (Echoes)
360	102	0	EchoPan
361	102	99	Fantasy1
362	103	0	Fantasy2
363	103	99	
Ethnic			Sitar
364	104	0	Sitar_MT
365	104	99	Banjo
366	105	0	Shamisen
367	106	0	Koto1
368	107	0	Koto2
369	107	98	

NO.	PROGRAM CHANGE	BANK	VOICE NAME
370	107	99	Koto_MT
371	108	0	Kalimba
372	109	0	Bagpipe
373	110	0	Fiddle
374	111	0	Shanai
375	111	97	BreathPipe
Percussive			
376	112	0	Tinkle Bell
377	112	91	EchoBell
378	112	92	WindBell
379	112	93	WaterBell
380	112	94	JungleTune
381	112	97	BellSinger
382	112	99	WarmBell
383	113	0	Agogo
384	113	93	SynMallet
385	113	99	MelodicTom
386	114	0	Steel Drums
387	115	0	Woodblock
388	115	97	ElecPerc 1
389	115	99	ElecPerc 2
390	116	0	Taiko Drum
391	116	91	TaikoRim
392	116	98	ConcertBassDrum
393	116	99	Taiko_MT
394	117	0	MelodicTom1
395	117	98	MeloTom2
396	118	0	Synth Drum
397	118	98	808Tom 808
398	119	0	Reverse Cymbal
399	119	99	Cymbal
Sound Effects			
400	120	0	GuitarNoise
401	120	92	StringSlap
402	120	99	GtrCutNoise
403	121	0	Breath Noise
404	121	91	FluteKeyClick
405	121	93	Glasses
406	121	99	Triangle
407	122	0	Seashore
408	122	91	Rain
409	122	92	Thunder
410	122	93	Wind
411	122	94	Stream
412	122	95	Bubble
413	122	96	Atmosphere
414	123	0	Bird Tweet
415	123	91	Dog
416	123	92	HorseGallop
417	123	93	Bird 2
418	123	99	BirdTweet
419	124	0	Telephone 1
420	124	91	Telephone 2
421	124	99	Telephone 3
422	124	92	DoorCreaking
423	124	93	DoorSlam
424	124	94	Scratch

NO.	PROGRAM CHANGE	BANK	VOICE NAME
425	124	95	WindChimes
426	125	0	Helicopter
427	125	90	BurstNoise
428	125	91	CarEngine
429	125	92	CarStop
430	125	93	CarPass
431	125	94	CarCrash
432	125	95	Siren
433	125	96	Train
434	125	97	JetPlane
435	125	98	Starship
436	125	99	OneNoteJam
437	126	0	Applause
438	126	91	Laughing
439	126	92	Screaming
440	126	93	Punch
441	126	94	HeartBeat
442	126	95	FootSteps
443	126	99	SchoolDaze
444	127	0	Gunshot1
445	127	91	MachineGun
446	127	92	LazerGun
447	127	93	Explosion
448	127	97	JungleTune
Ethnic			
449	73	81	Bangdi
450	40	81	Erhu 1
451	40	82	Erhu 2
452	24	81	Pipa 1
453	24	82	Pipa 2
454	25	81	Liugin
455	27	81	Zhongruan
456	33	81	Guzheng 1
457	33	82	Guzheng 2
458	34	81	Yangqin
459	41	81	Banhu
460	56	82	Suona
461	56	81	SuonaHigh
462	58	81	LuShen
463	72	81	Hulusi
464	76	81	Xiao
465	32	82	Guqin
466	43	82	Matouqin
467	58	82	Reed
Percussive			
468	0	127	Standard
469	1	127	Standrd2
470	8	127	Room
471	16	127	Power
472	24	127	Eletroni
473	25	127	Synth
474	26	127	Dance
475	32	127	Jazz
476	40	127	Brush
477	48	127	Classic
478	127	127	Sino
479	56	127	Effect

## Style List

NO.	STYLE NAME
8 Beat	
1	8Bt_Mdm
2	MrsyBeat
3	SurfPop
4	8Beat1
5	8Beat2
6	8Beat3
7	Ballrock
8	60sRock
9	HardRock
10	ShufRock
11	80sRock 80
12	Srock1
13	Srock2
16 Beat	
14	16Beat1
15	16Beat2
16	16Beat3
17	16Beat4
18	16Beat5
19	PopShuf
20	GuitrPop
21	JazzRock
22	SwngFunk
23	PopRock
24	60Rock2
25	70Ties 70
26	Surfrock
Ballad	
27	PrnoBalad
28	LoveSong
29	68Modem
30	68SlowRk
31	ShowBld
32	PopBalad
33	16BtBld
34	Ballad1
35	Ballad2
36	Ballad3
Dance	
37	Rap
38	DancePop
39	House
40	SwingHse
41	ClubDnce
42	ClubLatn
43	Garage
44	TechnoPop
45	Dance8Bt
46	HipHop
47	ChillOut
48	Cumbia
49	Dance
50	Techno1
51	Techno2
Disco	
52	70sDisco

NO.	STYLE NAME
53	LatnDisco
54	DiscoPop
55	DscParty
56	DscFever
57	NYDisco
58	Disco1
59	Disco2
60	Disco3
61	Disco4
Swing&Jazz	
62	BBFast
63	BBMid
64	BBBallad
65	JazzClub
66	Swing
67	JzBallad
68	Dixie
69	Ratime
70	Stride
71	MdmJazz
72	DixiePop
73	Jazzwals
74	RagtimeP
75	Swing
76	Ulligull
R&B	
77	Soul
78	DtrtPop
79	Rhtmblus
80	68soul
81	Twist
82	RockRollP
83	BgieWgie
84	68Blues
85	34Gospel
86	GsplShuf
87	Germwalz
88	Gospel
89	Gypsi
90	Rocknrol
91	Rockrol2
92	R&B
93	TwistPop
Country	
94	Ctry8Bt
95	CtryPop
96	CtrySwng
97	Ctry2Bt2
98	CtryBld
99	Bluegras
100	CtryWizP
101	Cntryrok
102	Cntrywiz
103	Country1
104	Country2
105	Country3
Latin	

NO.	STYLE NAME
106	Merengue
107	Bosanova
108	PopBossa
109	MamboPop
110	SalsaPop
111	Beguine1
112	Beguine2
113	Reggae
114	SwngRega
115	Baroque
116	Bigband
117	Boogie1
118	Boogie2
119	Latin
120	Macarena
121	Mambo
122	Sacrific
123	Salsa
Ballroom	
124	DancBand
125	EglshWliz
126	Foxtrot1
127	Foxtrot2
128	Slowfox
129	QvkFxtirt
130	QvkStep
131	Tango1
132	Tango2
133	Tango3
134	Tango4
135	TangoHb
136	Pasodobl
137	Samba1
138	Samba2
139	Samba3
140	Sambarok
141	Dscsamba
142	ChaCha1
143	Chacha2
144	Chacha3
145	Chacha4
146	Jive
147	Rhumba1
148	Rhumba2
149	VnsWaltz
150	Carib1
151	Charlstn
152	Cingen98
153	Fastbos
154	Rave1
155	Rave2
156	Reggea
Traditional	
157	24March
158	March
159	68March1
160	68March2



# Percussion Voice List

Note#	Note	Standard(0)	Room(8)	Power(16)	Electronic(24)	Synth(25)	Jazz(32)	Brush(40)	Classic(48)	Sono(151)	Effects(152)	Standrd2(1)	Dance(26)
24	C	Seq Click H	←	←	←	←	←	←	←			←	←
25	#C	Brush Tap	←	←	←	←	←	←	←			←	←
26	D	Brush Swirl L	←	←	←	←	←	←	←			←	←
27	#D	Brush Slap	←	←	←	←	←	←	←			←	←
28	E	Brush Swirl H	←	←	Reverse Cymbal	Reverse Cymbal	←	←	←			←	←
29	F	Snare Roll	←	←	←	←	←	←	←			←	←
30	#F	Castanet	←	←	Hi-Q	Hi-Q	←	←	←			←	←
31	G	Snare L	←	SD Elec M	Snare L	SD Elec H2	Snare Jazz	Brush Slap L	←			←	←
32	#G	Sticks	←	←	←	←	←	←	←			←	←
33	A	Bass Drum L	←	←	←	←	←	←	←	Bass Drum L3		←	←
34	#A	Open Rim Shot	←	←	←	←	←	←	←			Snare H Soft 2	Dance 1
35	B	Bass Drum M	←	←	BD Rock	BD Analog 1L	←	←	Gran Casa			←	Dance Kick
36	C	Bass Drum H	←	BD Rock	BD Rock 2	BD Analog 1H	BD Jazz	BD Jazz	Gran Casa Mute	中国大鼓		←	Dance 2
37	#C	Side Stick	←	←	←	Analog Side Stick	←	←	←	大鼓滚奏		Open Rim Shot 2	Dance 3
38	D	Snare M	SD Room L	SD Room	SD Elec M	SD Analog 1H	SD Jazz L	Brush Slap H	Marching SD M	响板		←	Dance Snare 1
39	#D	Hand Clap	←	←	←	←	←	←	←	梆子	High-Q	Bass Drum H 2	Dance 4
40	E	Snare H	SD Room H	SD Rock Rim	SD Elec H	SD Analog 1L	SD Jazz H	Brush Tap	Marching SD H	堂鼓	Slap	←	Dance Snare 2
41	F	Floor Tom L	Room Tom 1	Room Tom 1	E Tom 1	Analog Tom 1	←	Brush Tom 1	←	木鱼 - 1	Scratch Push	Snare 12	Dance Tom 1
42	#F	Hi-Hat Closed	←	←	←	Analog HH Closed1	←	←	←	木鱼 - 2	Scratch Pull	←	Dance Hita 1
43	G	Floor Tom H	Room Tom 2	Room Tom 2	E Tom 2	Analog Tom 2	←	Brush Tom 2	←	木鱼 - 3	Sticks	Snare H Hard 2	Dance Tom 2
44	#G	Hi-Hat Pedal	←	←	←	Analog HH Closed2	←	←	←	木鱼 - 4	Square Click	←	Dance Hita 2
45	A	Low Tom	Room Tom 3	Room Tom 3	E Tom 3	Analog Tom 3	←	Brush Tom 3	←	排鼓 - Low	Mtrm. Click	←	Dance Tom 3
46	#A	Hi-Hat Open	←	←	←	Analog HH 1 Open	←	←	←	排鼓 - Med	Mtrm. Bell	←	Dance Hita 3
47	B	Mid Tom L	Room Tom 4	Room Tom 4	E Tom 4	Analog Tom 4	←	Brush Tom 4	←	排鼓 - Hi	Gl.FretNoise	←	Dance Tom 4
48	C	Mid Tom H	Room Tom 5	Room Tom 5	E Tom 5	Analog Tom 5	←	Brush Tom 5	←	十面锣 - Low	Gl.CutNoise	←	←
49	#C	Crash Cymbal 1	←	←	←	Analog Cymbal	←	←	Hand Cym.L Open	十面锣 - Med	Gl.CutNoise	←	Dance Cha 1
50	D	High Tom	Room Tom 6	Room Tom 6	E Tom 6	Analog Tom 6	←	Brush Tom 6	←	十面锣 - Hi	Sting Slap	←	←
51	#D	Ride Cymbal 1	←	←	←	←	←	←	Hand Cym.L Closed	大锣 - Med	Fl.KeyClick	←	←
52	E	Chinese Cymbal	←	←	←	←	←	←	←	大锣 - Hi	Laughing	←	←
53	F	Ride Cymbal Cup	←	←	←	←	←	←	←	中国大钹 - Low	Screaming	←	←
54	#F	Tambourine	←	←	←	←	←	←	←	中国大钹 - Hi	Punch	←	Dance Ling
55	G	Splash Cymbal	←	←	←	←	←	←	←	中国小钹	Heart Beat	←	←
56	#G	Cowbell	←	←	←	Analog Cowbell	←	←	←	中国小锣 - Low	Footsteps 1	←	←
57	A	Crash Cymbal 2	←	←	←	←	←	←	Hand Cym.H Open	大锣 - Low	Footsteps 2	←	Dance Cha 2
58	#A	Vibraslap	←	←	←	←	←	←	←	碰铃	Applause	←	←
59	B	Ride Cymbal 2	←	←	←	←	←	←	Hand Cym.H Closed	中国小锣 - Hi	Door Creaking	←	←
60	C	Bongo H	←	←	←	←	←	←	←	←	Door	←	←
61	#C	Bongo L	←	←	←	←	←	←	←	←	Scratch	←	←
62	D	Conga H Mute	←	←	←	Analog Conga H	←	←	←	←	Wind Chimes	←	←
63	#D	Conga H Open	←	←	←	Analog Conga M	←	←	←	←	Car-Engine	←	←
64	E	Conga L	←	←	←	Analog Conga L	←	←	←	←	Car-Stop	←	←
65	F	Timbale H	←	←	←	←	←	←	←	←	Car-Pass	←	←
66	#F	Timbale L	←	←	←	←	←	←	←	←	Car-Crash	←	←
67	G	Agogo H	←	←	←	←	←	←	←	←	Siren	←	←
68	#G	Agogo L	←	←	←	←	←	←	←	←	Train	←	←
69	A	Cabasa	←	←	←	←	←	←	←	←	Jetplane	←	←
70	#A	Maracas	←	←	←	Analog Maracas	←	←	←	←	Helicopter	←	Dance 5
71	B	Samba Whistle H	←	←	←	←	←	←	←	←	Starship	←	Dance 6
72	C	Samba Whistle L	←	←	←	←	←	←	←	←	Gun Shot	←	Dance 7
73	#C	Cairo Short	←	←	←	←	←	←	←	←	Machine Gun	←	Dance 8
74	D	Cairo Long	←	←	←	←	←	←	←	←	Lasergun	←	Dance 9
75	#D	Claves	←	←	←	Analog Claves	←	←	←	←	Explosion	←	Dance 10
76	E	Wood Block H	←	←	←	←	←	←	←	←	Dog	←	←
77	F	Wood Block L	←	←	←	←	←	←	←	←	HorseGallop	←	Dance 11
78	#F	Guica Mute	←	←	Scratch Push	Scratch Push	←	←	←	←	Bird	←	Dance 12
79	G	Guica Open	←	←	Scratch Pull	Scratch Pull	←	←	←	←	Rain	←	←
80	#G	Triangle Mute	←	←	←	←	←	←	←	←	Thunder	←	←
81	A	Triangle Open	←	←	←	←	←	←	←	←	Wind	←	Dance 13
82	#A	Shaker	←	←	←	←	←	←	←	←	Seashore	←	Dance 14
83	B	Jingle Bell	←	←	←	←	←	←	←	←	Stream	←	←
84	C	Bell Tree	←	←	←	←	←	←	←	←	Bubble	←	Dance Ps3

## MIDI Implementation Chart

Function	Transmitted	Recognized	Remarks
Basic Default	(*1)	1-16CH	
Channel Changed	(*1)	1-16CH	
Mode Default	Mode 3	Mode 3	
Messages Altered	X *****	X X	
Note Number : True voice	0~127 *****	0~127 0~127	
Velocity Note ON	O 9nH,v=1~127	O 9nH,v=1~127	
Note OFF	O 9nH,v=0 or 8nh	O 9nH,v=0 or 8nh	
After Key's	X	X	
Pitch Bender	X	O	
Control Change	O	O	Bank Select
0,32	O	O	Modulation
1	X	O	Portamento time
5	X	O	Data Entry
6	O	O	Volume
7	O	O	Pan
10	O	O	Expression
11	X	O	Sustain
64	O	O	Portamento
65	X	O	Sostenuto
66	O	O	Soft pedal
67	O	O	DSP TYPE
80,81	O	O	DSP DEPTH
91,93	O	O	RPN LSB,MSB
100,101	O	O(*2)	All sound off
120	O	O	Reset all Controllers
121	X	O	Local control
122	O	O	
Program Change : True	O 0-127 0-127	O 0-127 0-127	
System Exclusive	X	O	
System : Song Position	X	X	
: Song Select	X	X	
Common : Tune	X	X	
Aux : Local on/off	O	O	
: All Notes Off	O	O	
Messages : Active Sense	X	O	
: Reset	X	O	

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

\*1: Main voice track (01-16).Default: 01  
 Split voice track (01-16).Default: 02  
 Dual voice track (01-16).Default: 03  
 Percussion track (01-16).Default: 10

\*2: Registered parameter number:  
 #0: Pitch sensivity  
 #1: Fine tuning cents  
 #2: Coarse tuning in half-tones

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## Specifications

**Keyboards:** 88 Standard-Size Hammer Keys (A-1C7) with Touch Response

**Display:** LCD Display

**Polyphony:** 64

**Voices:** 480 PCM Voices Include 12 Drum Kits and 1 Voice Edited by User

**Voice Control:** Volume, Tune, Transpose, Pan, Octave, Arpeggio, Dual, Grand Piano  
10 Direct Selection Buttons

**Pedal:** Sustain Pedal, Soft Pedal, Sostenuto Pedal

**Effect:** 10 Reverb Types and Reverb Level, 13 Chorus Types and Chorus Level  
EQ Bass Fader, EQ Treble Fader

**Styles:** 204 styles include 1 User Style, 10 Direct Selection Buttons

**Style Features:** Fade, Synchro Start, Intro, Ending, Fill In1, Fill in2/Variation  
Accompaniment Volume Fader, O.t.s, Metronome, Tempo

**Keyboard Control:** Keyboard Modes: Chord, Full keyboard, Harmony, Split, Twin  
3 Touch Sensitivity and Fixed Touch Response

**Demo:** 16+106 lessons

**Coach Feature:** 3 Steps of Learning Feature, Left/Right part On/Off

**Record and Play on USB DISK:** Songs, Styles, Registration Files

**Registration Memory:** 5 x 8, Freeze

**Others:** Chord Dictionary, Mixer: Sound Level each Part such as Left/Right/Layer/MIDI  
Song Level, USB MIDI via USB port,  
Play/Record Audio with Computer via USB port,  
Power Saving: Auto Power Off

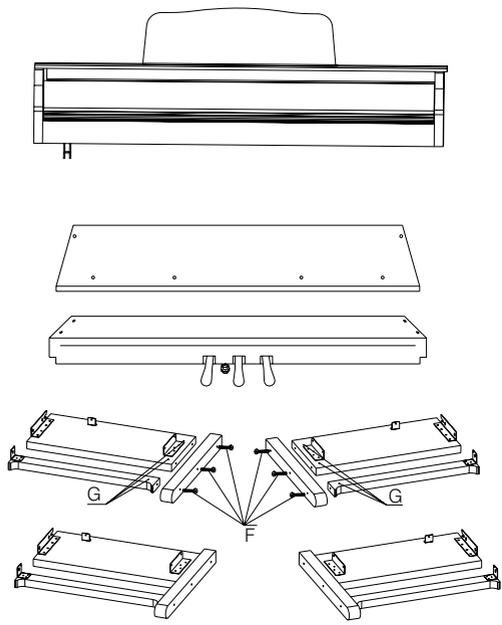
**Interface:** DC, Line Out L, Line OUT R, Line In , MIDI In, MIDI Out, MIDI Thru,  
USB to host, Pedal, USB to device, 2 Headphones

**Speakers:** YDG57:  $4\Omega \times 5W \times 2$ , YD166:  $6\Omega \times 40W \times 2$

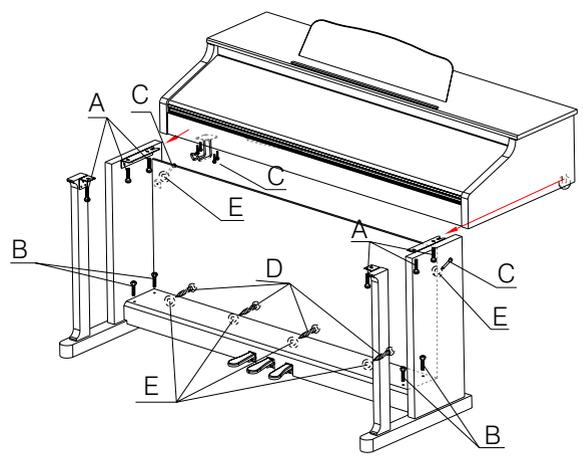
**Dimensions(W x D x H):** 1400mm  $\times$  550mm  $\times$  900mm

**Weight:** 65Kgs

# Assemble Draft

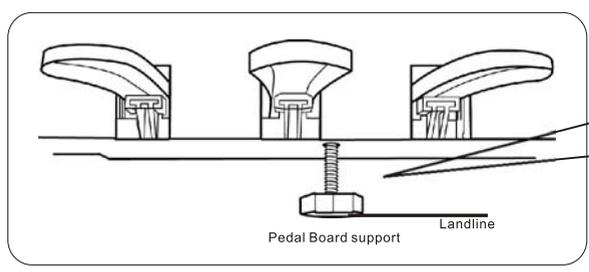


## ASSEMBLY TG8862



- A:  X6 M6X16
- B:  X4 M6X25
- C:  X6 M4X16
- D:  X4 ST3.9X20
- E:  X6 d=4
- F:  X6 M6X55
- G:  X6

**Turn the adjustable Pedal Board support, until it is in firm contact with the floor.**



Before moving the piano to a new location, always remember to raise the level of the Pedal Board support so that it is not touching the floor. Once the piano is in place, you can adjust it so it is in firm contact with the floor again.

10505874V1.0

## 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.

