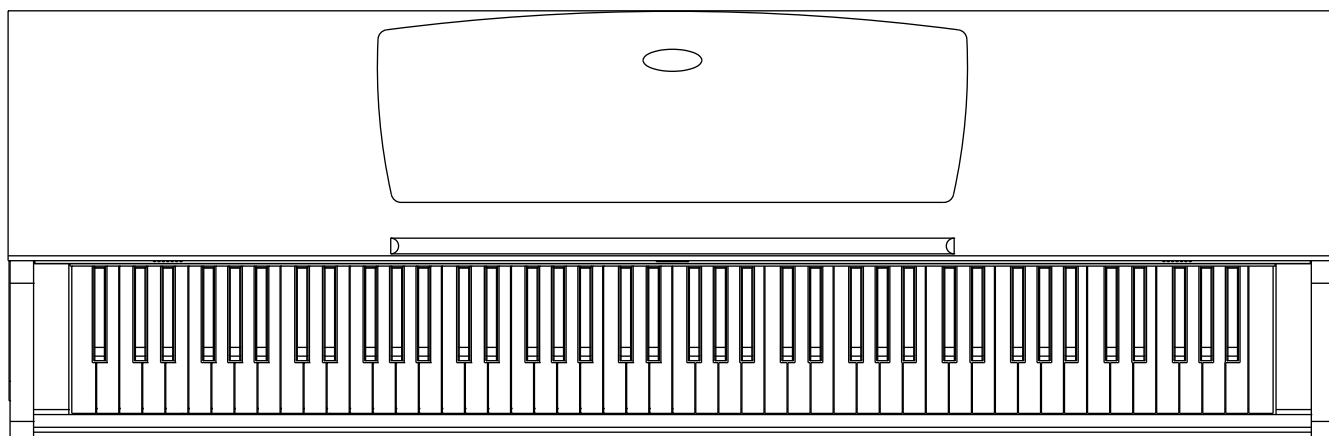


User's Manual

# DIGITAL PIANO

---





## Important Notes

Your piano will give you years of playing pleasure if you follow the simple rules given below:

### **Location**

---

- Do not expose the unit to the following conditions to avoid deformation, discoloration, or more serious damage.
  - Direct sunlight.
  - High temperature (near a heat source, or inside a car under long exposure of Sunlight).
  - Excessive humidity
  - Excessive dust
  - Strong vibration

### **Power Supply**

---

- Make sure to use the suitable AC adaptor, and the AC outlet voltage at your country matches the input voltage specified on the AC adaptor's label.
- Turn the power switch OFF when the instrument is not in use.
- An AC adaptor should be unplugged from the AC outlet if the instrument is not going to be used for an extended period of time.
- Unplug the AC adaptor during electric storms.
- Avoid plugging the AC adaptor into the same AC outlets as appliances with high power consumption, such as electric heaters or ovens. Also avoid using multi-plug adaptors since this could reduce sound's quality, causes operation errors and damages.

### **Turn Power OFF When Making Connections**

---

- To avoid damages, turn off the power switches before you connect the unit to the related devices or disconnect the related devices from the unit.

### **Cleaning**

---

- Clean the unit with a soft dry cloth.
- A slightly damp cloth may remove stubborn grime and dirt.
- Never use cleaners such as alcohol or thinner.
- Avoid placing vinyl object on top of the unit (vinyl might discolor and stick to the surface).

### **Handling and Transporting**

---

- Never apply excessive force to the controls, connectors or other parts of the instrument.
- Always unplug cables by gripping the plug firmly, but not pulling the cables.
- Disconnect all cables before moving the instrument.
- Physical shocks caused by dropping, bumping, or placing heavy objects on the instrument could result in scratches or even severe damages.

### **Electrical Interference**

---

- This instrument contains electric circuitry and may cause interference if it is placed too close to radio or television receivers. If this occurs, move the instrument further away from the receivers.

# Summarize

This piano is a easy-to-use digital piano with expert design to match the rich sounds and premium play. This piano features an 88-note hammer-action keyboard and USB MIDI. 9 voices and the most useful piano functions, not too much, it just gives you what you need.

You are recommended to study this manual carefully before using the unit.

## Main Features

### KEYBOARD:

88-note hammer action keyboard, 3 touch levels.

### VOICE:

9 outstanding voices.

### TRANSCOPE:

Easy for entry level users to shift the key.

### REVERB:

32 levels REVERB effect for users' performance.

### TUNE:

Fine tune for all voices.

### METRONOME:

Selectable 0~6 beat metronome with the tempo range of 30 ~ 280.

### VOICE DEMO:

Demonstration for each of the panel voice.

### RECORDER:

Real-time recorder.

### PEDALS:

Sustain pedal, soft pedal and sostenuto pedal.

### USB Port (MIDI IN/OUT):

USB audio device interface.

### IO CONNECTIONS:

Headphone, AUX out, USB MIDI.

### NOTE:

- Pressing **[+]** and **[-]** buttons together when turning on the piano, will put all values back to default setting and erase the record data.

# Conent

<b>Set-up Guide</b> .....	<b>5-7</b>
<b>General Guide</b> .....	<b>8-9</b>
<b>The Connectors</b> .....	<b>10-11</b>
- Using power jack .....	10
- Using headphones jacks .....	10
- Using the AUX.OUT Jacks .....	11
- Using the foot pedals .....	11
- Using the USB port (MIDI IN/OUT) .....	11
<b>Operation</b> .....	<b>12-17</b>
- Power on & Master Volume .....	12
- Voices and Effects .....	12-15
- Metronome .....	16
- Tempo .....	16
- Record .....	17
<b>Specifications</b> .....	<b>18</b>
<b>Voice List</b> .....	<b>18</b>
<b>MIDI Implementation Chart</b> .....	<b>19</b>

# Set-up Guide

Open the package, and check whether the following parts are available:

1. Piano body

2. Big Rear Panel

3. Pedal Box

4. Right Side Panel

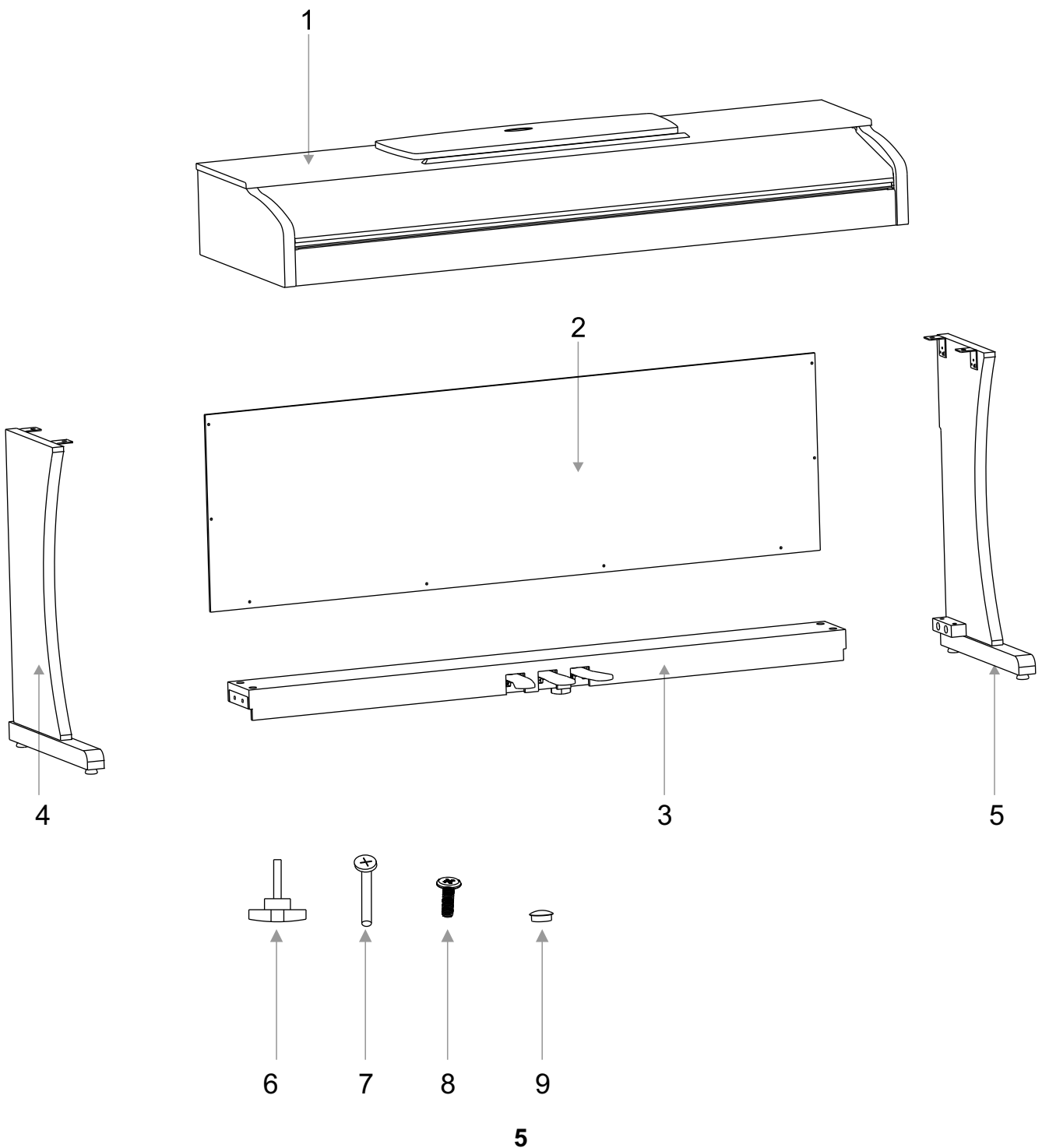
5. Left Side Panel

6. Hand screws(4pcs)

7. Screws  $\varnothing 6 \times 30$  (4pcs)

8. Screws  $\varnothing 4 \times 15$  (8pcs)

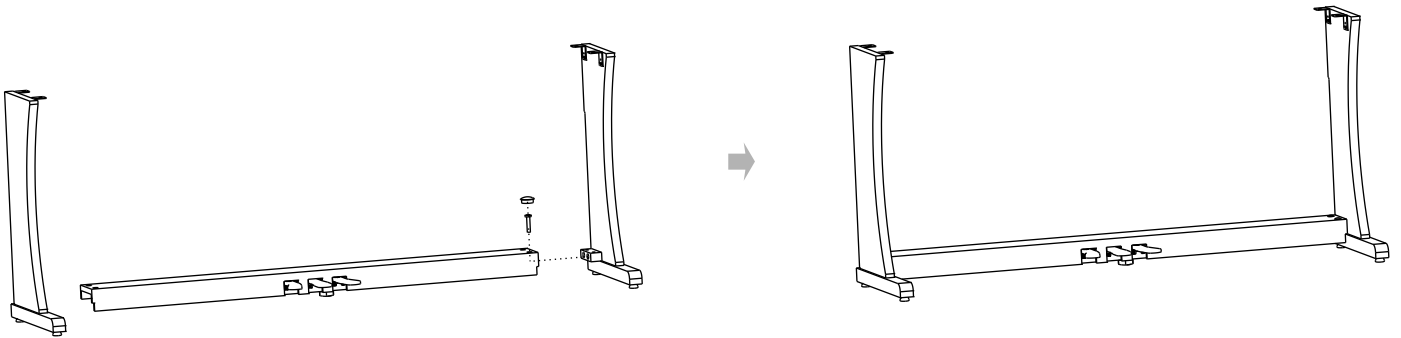
9. Screw caps (4pcs)



## Side Panel and Pedal Box Assembly

Place the pedal box on the two side panels and then use screws to fasten the side panels.

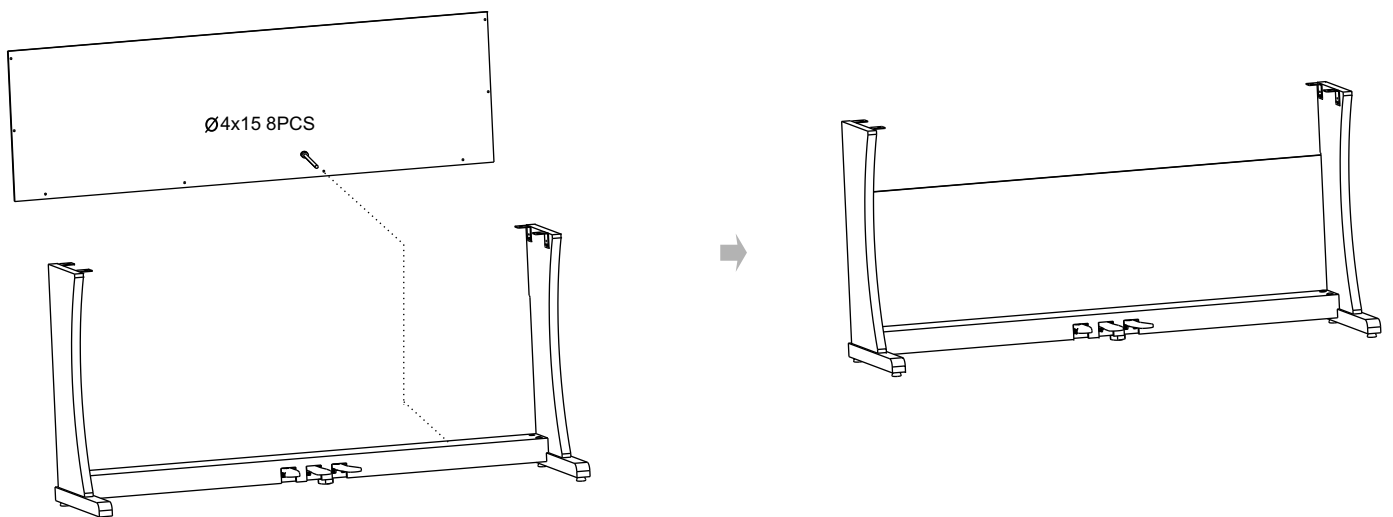
- Screw caps 4PCS
- Screws  $\varnothing 6 \times 30$  4PCS



## Rear Panel Assembly

Fit the rear panel into the side panel brackets and fasten with the screws.

- Screws  $\varnothing 4 \times 15$  8PCS

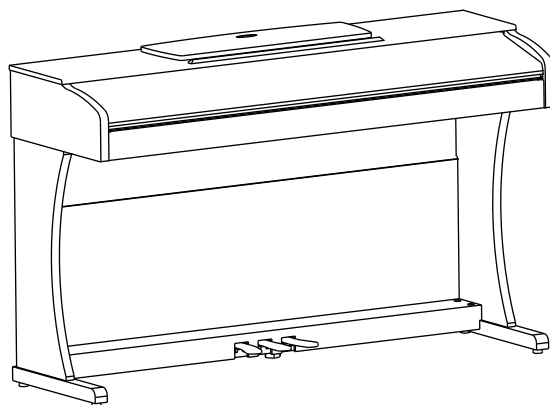
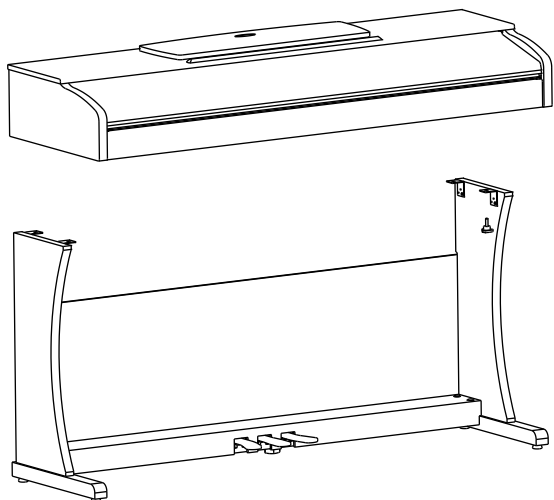
**NOTE:**

*Please use the screws that be supplied, do not use the other screws.*

## Attach The Piano Cabinet

Place the piano cabinet on the stand, fix it using four hand screws.

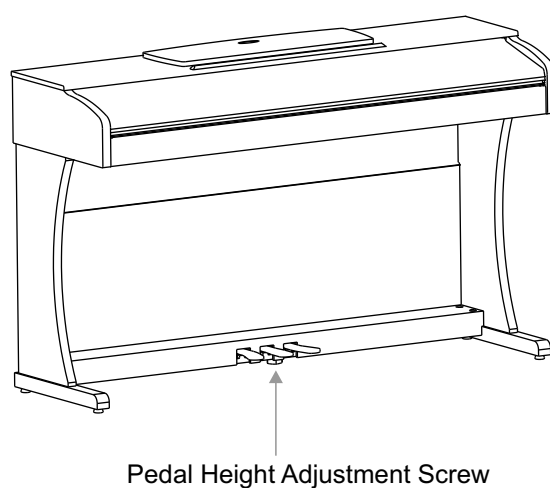
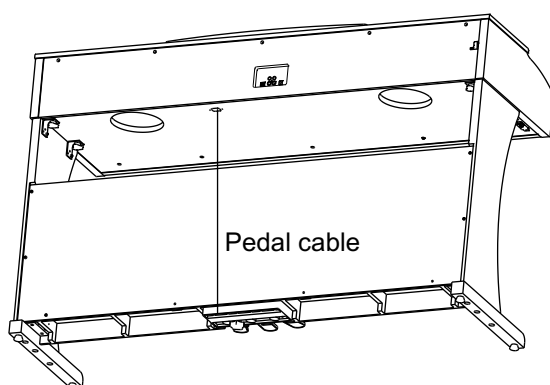
- Hand Screws 4PCS



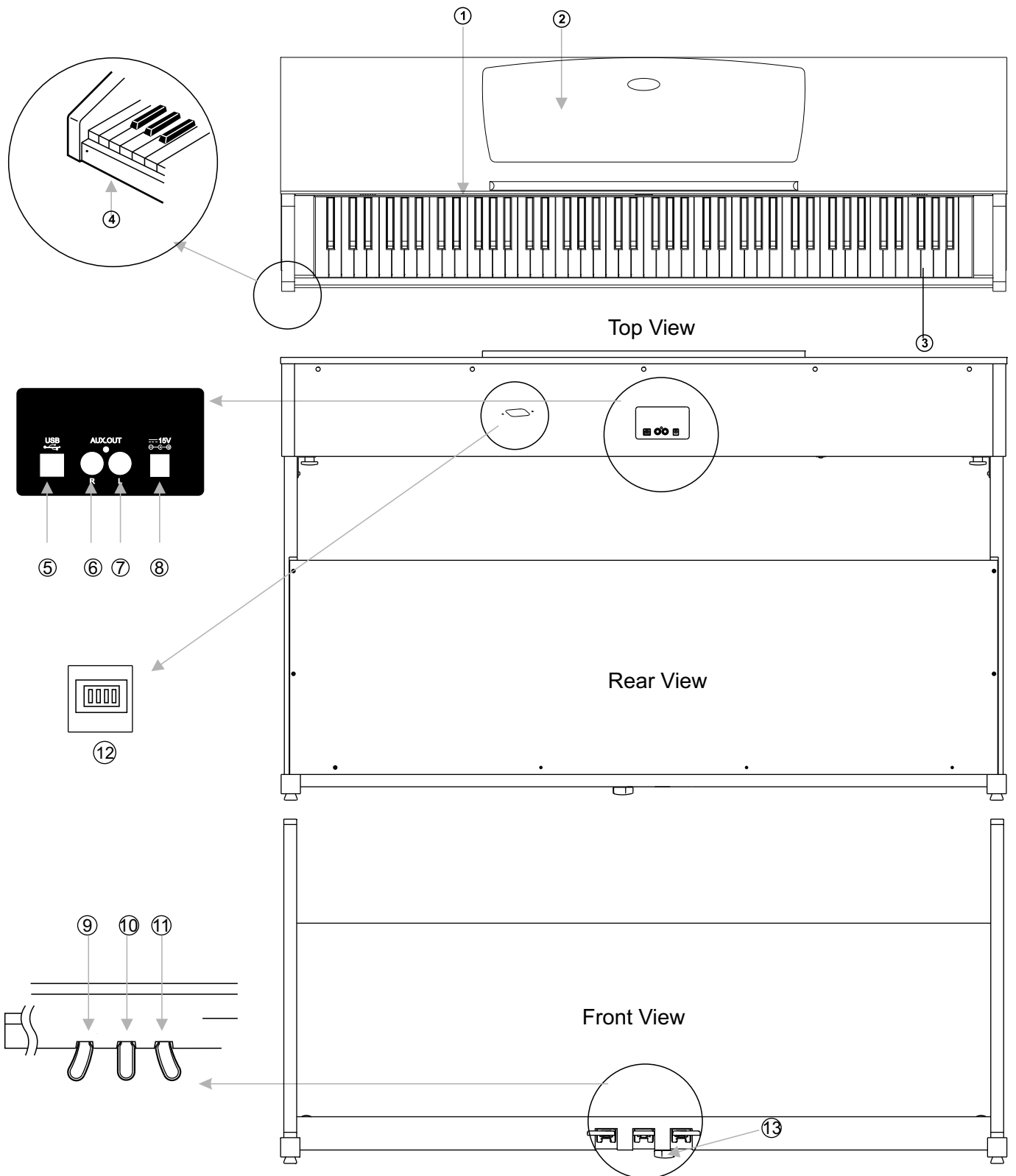
## Fix the cable

Insert the DIN plug of pedal cable into the proper socket of cabinet.

Locate the unit to the desired place and rotate the height adjustment screw until supports the pedal box, preventing the pedal box from bending when you press the pedals.

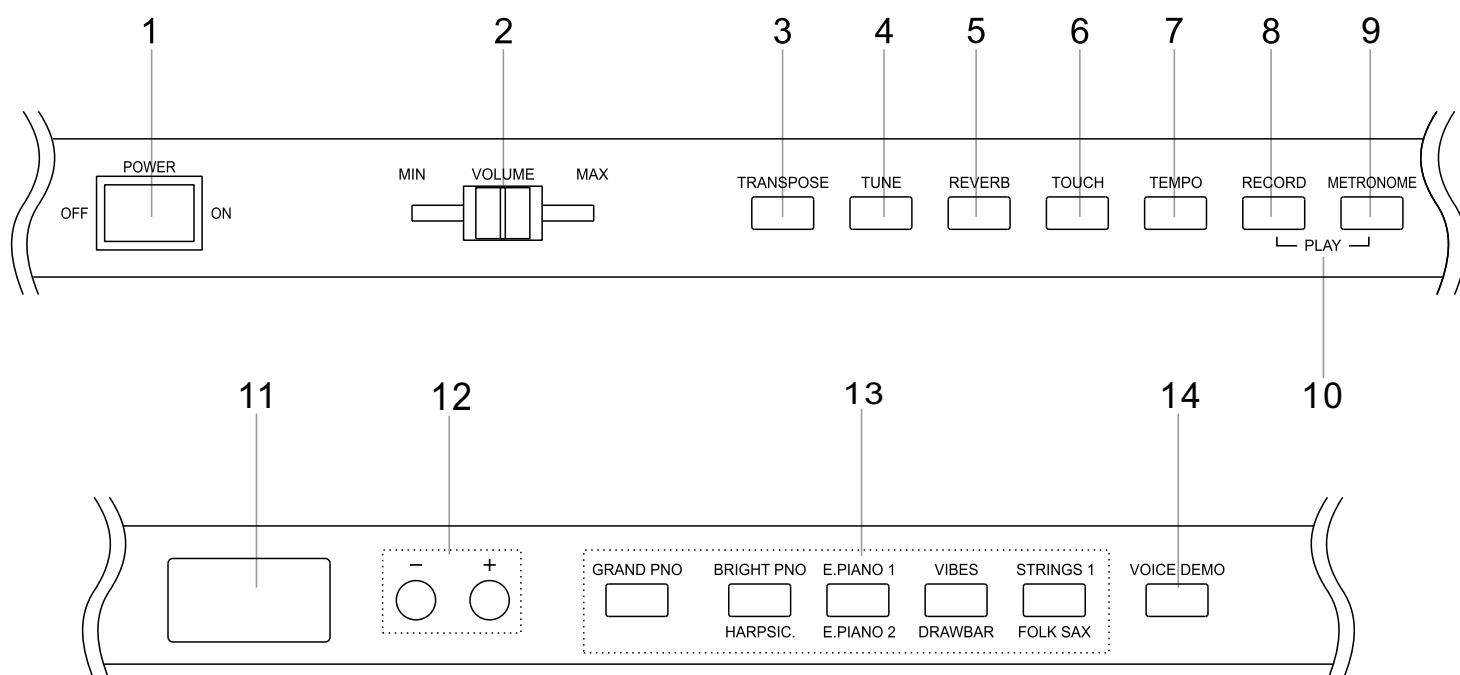


# General Guide



- |                          |                                 |
|--------------------------|---------------------------------|
| ① Control Panel          | ⑧ Power Jack                    |
| ② Music Stand            | ⑨ Soft Pedal                    |
| ③ Piano Keyboard         | ⑩ Sostenuto Pedal               |
| ④ Headphones Jack        | ⑪ Sustain Pedal                 |
| ⑤ USB Port (MIDI IN/OUT) | ⑫ Pedal Jack                    |
| ⑥ Aux Out Right          | ⑬ Pedal Height Adjustment Screw |
| ⑦ Aux Out Left           |                                 |

## Control Panel

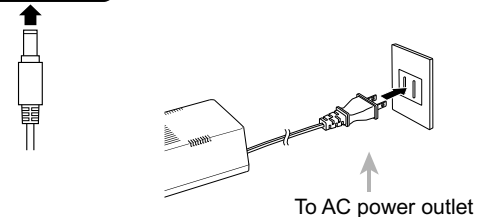
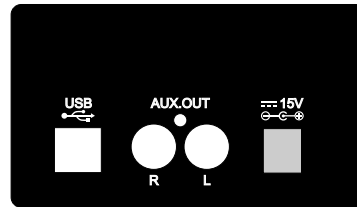


- ❶ POWER SWITCH
- ❷ MASTER VOLUME
- ❸ TRANSPOSE
- ❹ TUNE
- ❺ REVERB
- ❻ TOUCH
- ❼ TEMPO
- ❽ RECORD
- ❾ METRONOME
- ❿ PLAY
- ⓫ LED DISPLAY
- ⓬ +/-
- ⓭ VOICE DIRECT SELECT BUTTONS
- ⓮ VOICE DEMO

# The Connectors

## Using power jack

- 1 This piano can be powered by current from a standard household wall outlet by using the specified AC adaptor. The power jack is located on the rear panel of the piano body.
- 2 Make sure that only the AC adaptor specified for this piano is used.
- 3 The adaptor shall be 15V DC output, and center positive type.
- 4 Make sure to turn off the piano before you connect the adaptor into the AC wall outlet and the cord into the unit.



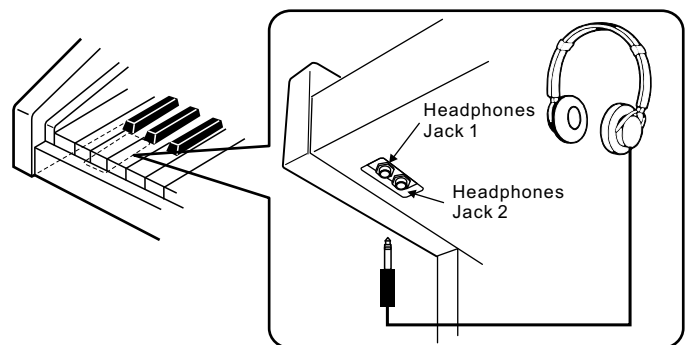
### Cautions

- Use of another type of adaptor creates a danger of fire and electrical shock.
- For safety sake, make sure to unplug the AC adaptor from the wall outlet whenever leaving the piano unattended for a long time or during a thunderstorm.

## Using headphones jacks

There are two headphones jacks on the left underneath the piano body.

- 1 When an optional set of stereo headphones is connected with the headphones jack 2, the sound from speakers will switch off automatically resulting in only the sound from headphone to be heard.
- 2 When jack 1 is connected with the stereo headphones, the sound can be heard from both headphones and speakers of the piano.
- 3 Connect two pairs of headphones to jack1 and jack2, it helps the user play with the teacher or friend in a quiet surrounding.



### Cautions

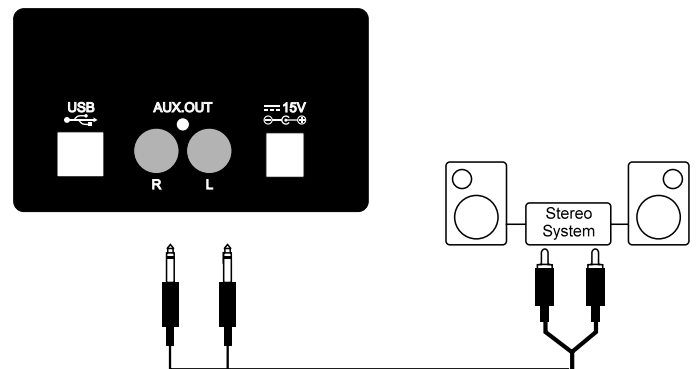
- Never use the headphone with high volume, as it may hurt your sense of hearing.
- To prevent the damage of the speakers, ensure that the volume is set to the minimum level before connecting the power and other devices.

## Using the AUX.OUT jacks

Connect the rear-panel AUX.OUT jack to amplified speakers, amplifiers or domestic hi-fi-units for external amplification.

**NOTE:**

- Connect both left(L) and right(R) channels for the stereo effect.
- If you only connect either one of the channels, the connected channel will only take effect.



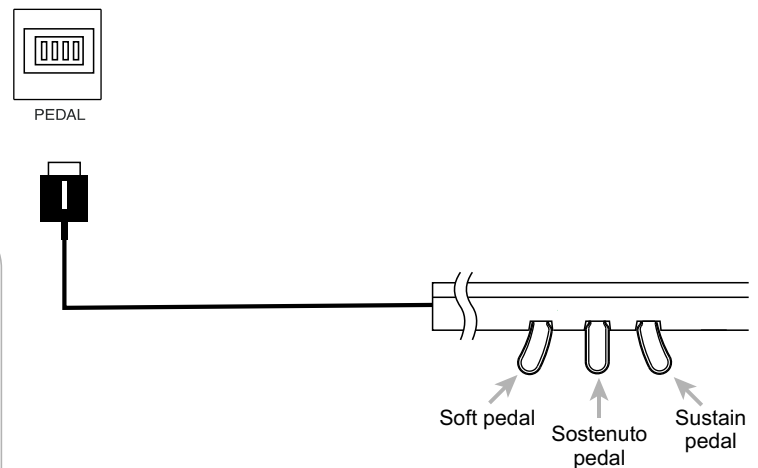
## Using the foot pedals

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

You will experience the sustain/soft/sostenuto effect.

**NOTE:**

- Step on the sustain pedal , all notes played on the keyboard have a longer sustain.
- Step on the sostenuto pedal , the notes played before you step on have a sustain effect.
- Step on the soft pedal , all notes played on the keyboard have a soft effect.

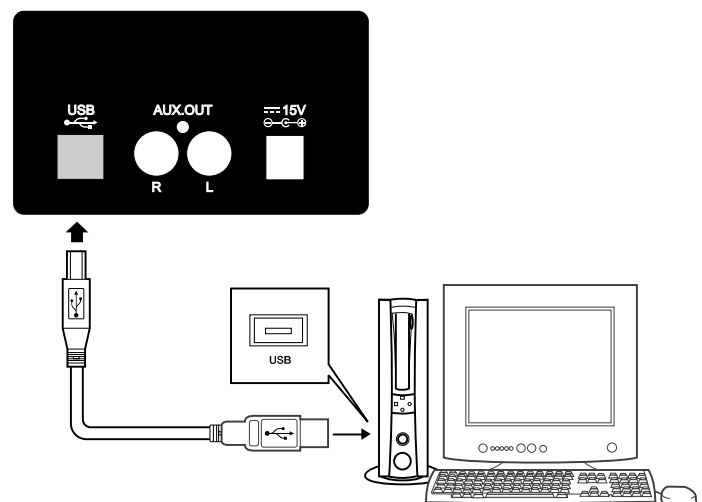


## Using the USB port (MIDI IN/OU)

- 1 Connect PC or other USB host devices that support USB audio.
- 2 For devices with USB cable, you can simply connect the MIDI/USB converter to your USB connector on the devices and plug the USB cables into the piano, after the driver is installed and initialization is finished, you can choose USB Audio Device in the device menu of the software to transfer midi data.

**NOTE:**

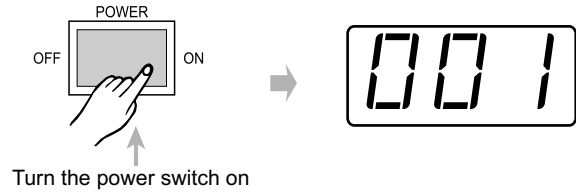
Do not select USB audio device in both of input and output setting together, otherwise the sound overlaps.



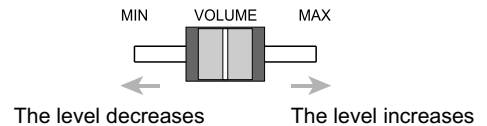
# Operation

## Power on & Master Volume

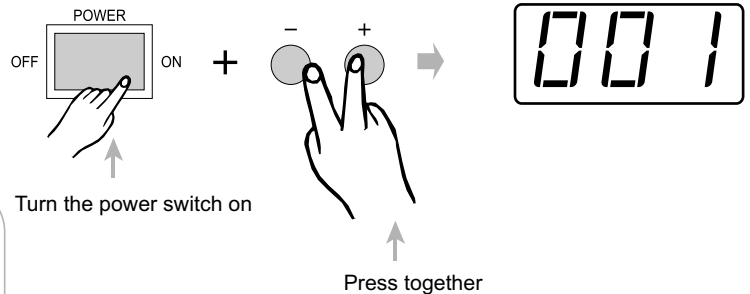
- 1 Turn the **[POWER]** switch to on. The LED display lightens up.



- 2 Push the sliding bar rightwards, the whole volume becomes increase, push it leftwards, the whole volume becomes decrease.



- 3 Press the **[+]** and the **[-]** button synchronously, and then power on the piano, it can reset all the setting to the default value and erase the record data.



### NOTE:

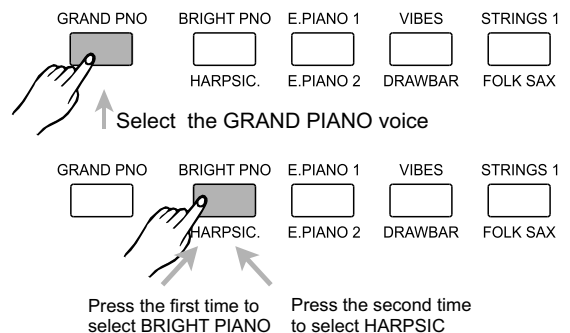
- If the LED display has not lightened up after you power on the piano, please check the power supply.
- If the piano is silent, the volume may be adjusted to its minimum level.
- Although Mains switch is in OFF position, the piano is not disconnected from the power supply completely!

## Voices and Effects

### Voice Select

There are 9 voices in total (See Appendix 1), Use Direct Select buttons to select.

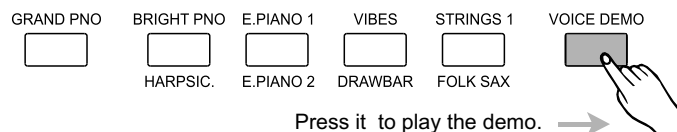
- 1 There are 5 voice Direct Select buttons to select 9 voices. The **[GRAND PIANO]** button only select GRAND PIANO. The other four Direct Select buttons can be used to choose 2 different voices, press the first time to select upper layer voice, press the second time to select the lower layer voice.
- 2 When it is power on, LED displays the 001 voice number. Press the voice Direct Select button, or use the **[+]** and **[-]** button to select your favorite voice.



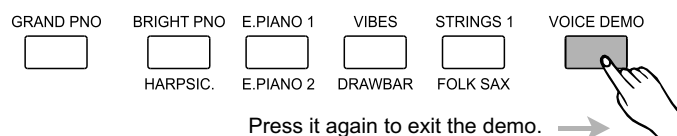
## VOICE DEMO

There are 9 Demonstrations for each of the panel voice.

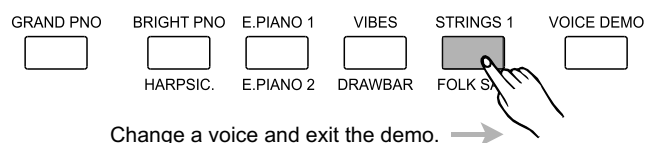
- 1 You can press **[VOICE DEMO]** button, the Demonstration of the current voice will play.



- 2 When playing the VOICE DEMO, press **[VOICE DEMO]** again to exit the demo mode.



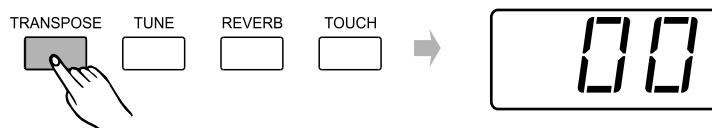
- 3 If you change the voice, and it will exit the demo mode.



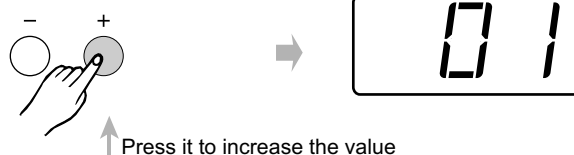
## TRANSPOSE

You can change the pitch of the entire keyboard by semitone steps with TRANSPOSE function.

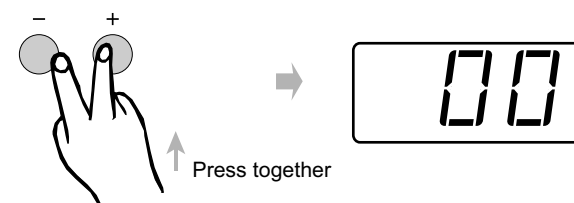
- 1 Press the **[TRANSPOSE]** button, LED displays current transpose value temporarily.



- 2 Press **[+]** to increase the value and Press **[-]** to decrease the value, the maximal range to be adjusted is from -12 to +12 semitones, the default value is 0.



- 3 In TRANSPOSE setting, press the **[+]** and **[-]** button simultaneously to set the value to default.



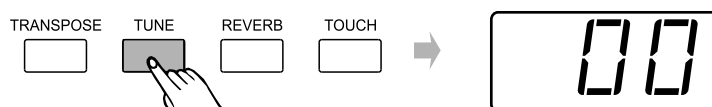
### NOTE:

If you don't press any button for 3 seconds in transpose setting mode, it will quit this mode automatically.

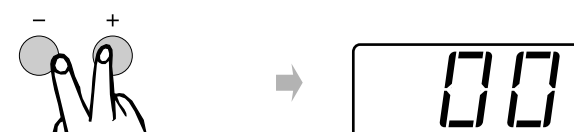
## TUNE

You can change the TUNE of the entire keyboard with TUNE function.

- 1 Press the [TUNE] button, LED displays current tune value temporarily.
- 2 Press [+] to increase the value and Press [-] to decrease the value, the maximal range to be adjusted is from -50 to +50 semitones, the default value is 0.
- 3 In TUNE setting, press the [+] and [-] button simultaneously to set the value to default.



↑ Press it to increase the value



↑ Press together

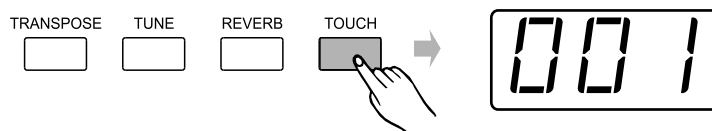
**NOTE:**

If you don't press any button for 3 seconds in tune setting mode, it will quit this mode automatically.

## TOUCH

This function allows you to turn on the dynamic level when playing the keyboard.

- 1 Press the [TOUCH] button, LED displays current touch value temporarily. There are 4 touch response types.
- 2 Press the [+] and the [-] button to select, the default is 002.
- 3 If the type is set as off, it means no touch response to keyboard, the TOUCH indicator goes OFF.



↑ Press it to increase the value



↑ Press together



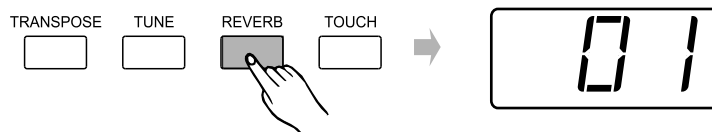
**NOTE:**

If you don't press any button for 3 seconds in touch response type select mode, it will quit this mode automatically.

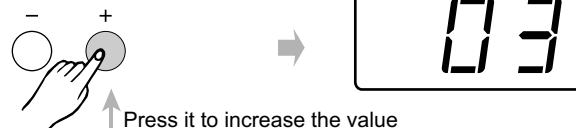
## REVERB

**REVERB effect will make the keyboard sound much more fully and widely.**

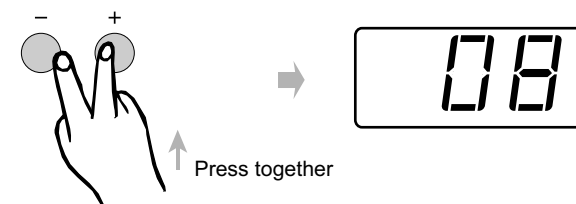
**1** Press the **[REVERB]** button , LED displays current reverb value temporarily.



**2** Press the **[+]** or **[-]** button to change the reverb level, it changes from 0 to 31.



**3** In REVERB setting, press the **[+]** and **[-]** button simultaneously to set the value to default.



**NOTE:**

*If you don't press any button for 3 seconds in reverb select mode, it will quit this mode automatically.*

## PEDAL VOICE

**1 SUSTAIN Pedal**

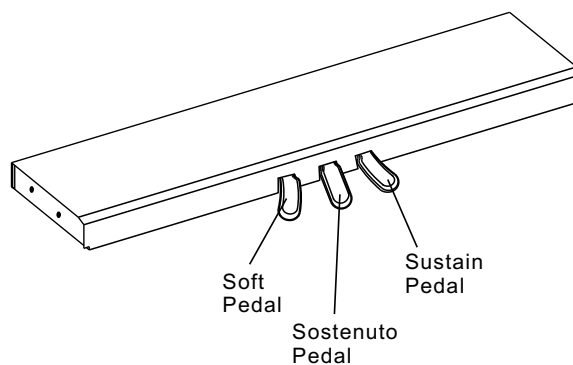
When you step on the sustain pedal, all notes played on the keyboard have a lingering effect.

**2 SOSTENUTO Pedal**

When you step on the pedal, the first note you play has a sustain effect, but all subsequent notes will not sustain.

**3 SOFT Pedal**

when you step on the soft pedal, all notes played on the keyboard have a soft effect. The volume is reduced slightly



## Metronome

- 1 Press the **[METRONOME]** button to turn on the metronome. Press the button again to turn off the metronome.

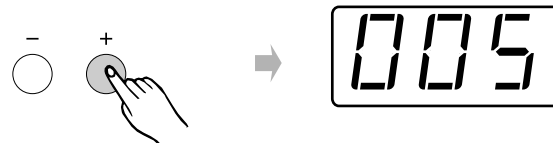


- 2 Hold and press the **[METRONOME]** button for 2 second to enter into BEAT SELECT status, LED displays current beat value temporarily.

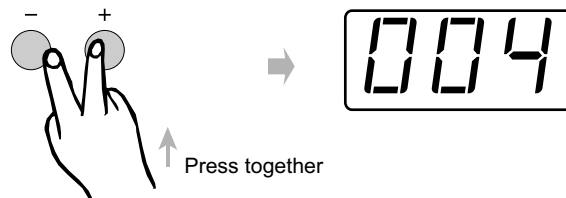


Press and hold for 2 second to enter into BEAT SELECT status

- 3 Press the **[+]** / **[-]** button to change the beat value, it changes from 0, 2 to 6.



- 4 Press the **[+]** and **[-]** button simultaneously to set the value to default, the default value is 004.



Press together

**NOTE:**

If you don't press any button for 3 seconds in metronome select mode, it will quit this mode automatically.

## Tempo

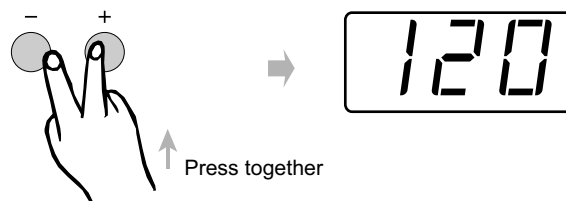
- 1 Press the **[TEMPO]** button , LED displays current tempo value temporarily.



- 2 Press the **[+]** or **[-]** button to change the tempo level, it changes from 30 to 280.



- 3 In TEMPO setting , press the **[+]** and **[-]** button simultaneously to set the value to default.



Press together

**NOTE:**

If you don't press any button for 3 seconds in tempo select mode, it will quit this mode automatically.

## Record

There is one track real-time record.

### NOTE:

The recorded data will not be lost when you turn off the power.

Hold on the **[+]** and **[-]** button together and power on the piano, it will erase all the recorded data.

### 1 Waiting for recording:

Press the **[RECORD]** button for the first time to enter the record mode. The dot of LED is flashing, it indicates waiting for recording.

### NOTE:

When entering waiting for recording mode, the metronome is turned on automatically.

### 2 Start recording:

When the dots flash on LED, you can play the keyboard directly to start recording.

### NOTE:

When entering record mode, the old data will lost.

### 3 Stop recording:

Press the **[RECORD]** button again to stop recording.

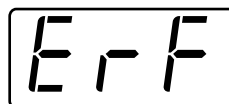
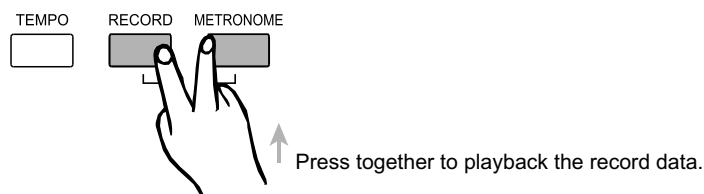
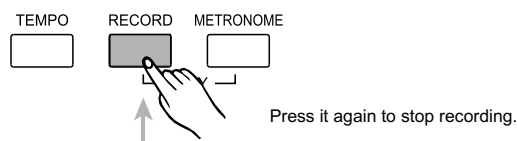
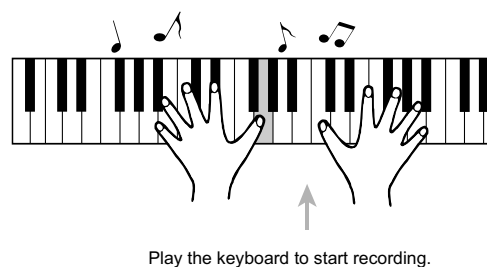
If the capacity is full while recording, the recording will be stopped automatically with the FUL display on LED.

### 4 Playback

Press the **[RECORD]** and the **[METRONOME]** button together for the first time to playback the record data. Press them for the second time to stop playback.

### NOTE:

If there is no record data when you press the **[RECORD]** and the **[METRONOME]** button together, LED will display empty temporarily.



## Specifications

<b>Keyboard</b>	88 keys, 3 kinds of touch level.
<b>Voice</b>	9 voices, demonstration for each of the panel voice.
<b>Display</b>	LED display.
<b>Switch and Buttons</b>	POWER SWITCH, VOLUME SWITCH, TRANSPOSE, TEMPO TUNE, REVERB, TOUCH, RECORD, PLAY, METRONOME, +, -, VOICES DIRECT SELECT.
<b>Transpose</b>	±12 semi tones
<b>Pedals</b>	Soft, Sostenuto, Sustain
<b>Connectors</b>	AC POWER, HEADPHONES, AUX.OUT, USB, PEDALS
<b>Speaker</b>	8ohm 25w x 2
<b>Dimension</b>	1356 x 437 x 840mm
<b>Weight</b>	42kg

## Voice List

No	Name of Voice	Name of Voice on Panel
001	Acoustic Grand Piano	GRAND PNO
002	Bright Acoustic Piano	BRIGHT PNO
003	Harpsichord	HARPSIC.
004	Electric piano1	E.PIANO1
005	Electric piano2	E.PIANO2
006	Vibes	VIBES
007	Drawbar	DRAWBAR
008	Strings1	STRINGS 1
009	Folk Sax	FOLK SAX

# MIDI Implementation Chart

Function		Transmitted	Recognized	Remarks
Basic Channel	Default Changed	1ch 1ch	1-16ch 1-16ch	
Mode	Default	×	3	
	Messages	×	×	
	Altered	*****	×	
Note Number :	True voice	9-120 *****	0-127 0-127	
Velocity :	Note on Note off	○ 9nH,V=1-127 ○ (9nH,V=) 0	○ 9nH,V=1-127 ○(9nH,V=0; 8nH,V=0-127)	
After Touch	Key's Ch's	×	×	
Pitch Bend		×	○	
Control Change	0 1 5 6 7 10 11 64 65 66 67 80 81 91 93 120 121 123	○ × × × × × × ○ × ○ ○ ○ × × ○ × × × ×	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ × ○ ○ ○ ○	Bank Select Modulation Portamento Time Data Entry Volume Pan Expression Sustain Pedal Portamento ON/OFF Sostenuto Pedal Soft Pedal Reverb Program Chorus Program Reverb Level Chorus Level All Sound Off Reset All Controllers All Notes Off
Program Change :	true #	○ *****	○ 0-127	
System Exclusive		×	○	
System Common :	Song Position Song Select Tune	×	×	
System Real Time :	Clock Commands	×	×	
Aux Messages :	LOCAL ON/OFF All Notes Off Active sense Reset	×	×	

