

Pianova

Manual del usuario

SLP-1030

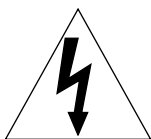
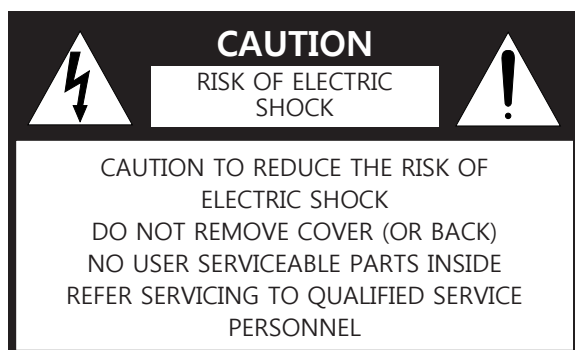




Part No. 11958262

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT
EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



This Symbol 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 fire or electric shock.



This Symbol is intended to alert the user to the presence of important information in the literature accompanying this appliance.
All information should be read carefully to avoid misuse of product.

WARNING :

DO NOT OPEN THE CABINET.
DANGEROUS HIGH VOLTAGE IS PRESENT, SERVICING SHOULD ONLY
BE PERFORMED BY QUALIFIED PERSONNEL.

CAUTION : TO PREVENT ELECTRIC SHOCK. MATCH WIDE BLADE OF PLUG
TO WIDE SLOT, FULLY INSERT.

ATTENTION :

POUR ÉVITER LES CHOC ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS
LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET
POUSSER JUSQU'AU FOND.

Precaution

IMPORTANT SAFETY INSTRUCTIONS

WARNING - When using electric products, basic precaution should always be followed, including the following:

1. Read all the instructions before using the product.
2. To reduce the risk of injury, close supervision is necessary when a product is used near children.
3. Do not use this product near water - for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool by the manufacturer.
4. This product should be used only with a cart or stand that is recommended by the manufacturer.
5. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
6. The product should be located so that its location or position does not interfere with its proper ventilation.
7. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.
8. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
9. This product may be equipped with a polarized line plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.
10. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.
11. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
12. The product should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the product; or
 - C. The product has been exposed to rain; or
 - D. The product does not appear to operate normally or exhibits a marked change in performance; or
 - E. The product has been dropped, or the enclosure damaged.

13. Do not attempt to service the product beyond that described in the user maintenance instruction. All other servicing should be referred to qualified service personnel.
14. To clean the exterior surfaces, wipe lightly with a clean, dry cloth. Never use solvents such as benzine or paint thinners.
15. The product should be located away from a television, radio, or heavy equipment that can generate electromagnetic fields.
16. The product should be located a flat, stable surface that can free of vibration.
17. Be careful to protect the product from knocks, particularly when carrying it.
18. During thunderstorms, turn the product off and disconnect the plug from the power outlet.

INFORMATION TO THE USER

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 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 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.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment

.

Welcome

Welcome

Thank you and congratulations on your purchase of the SLIM DIGITAL PIANO.

Your new SLIM DIGITAL PIANO is a state-of-the-art musical instrument which incorporates the latest electronics technology to make its operation as easy as possible.

Your versatile DIGITAL PIANO is ideal for beginners or experienced musicians.

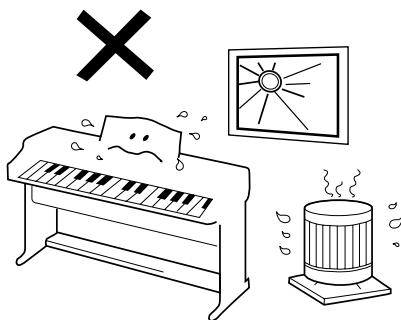
In order to enjoy the features and functions of this unit to their fullest, be sure to carefully read this manual and follow the instructions contained herein.

Contents

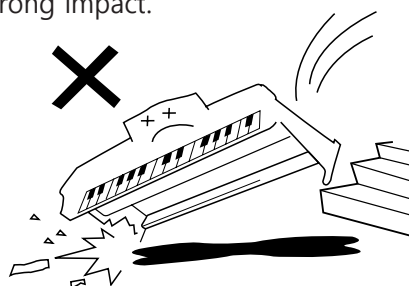
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Care of your Digital Piano

- Avoid heat, humidity or direct sunlight.



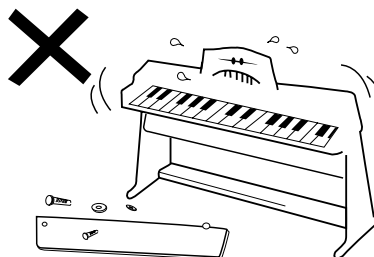
- Take care not to drop the unit and avoid strong impact.



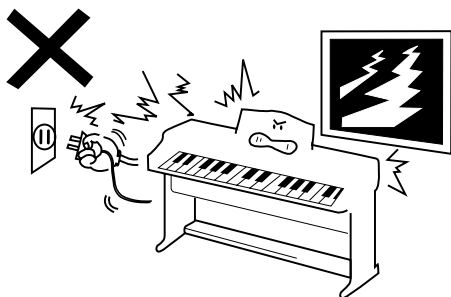
- Keep the unit free from liquids, dust, etc...



- Never attempt to modify any parts of the unit.



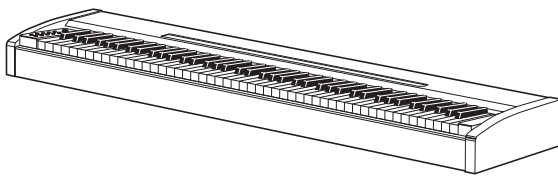
- During thunderstorms, turn the product off and disconnect the plug from the power.



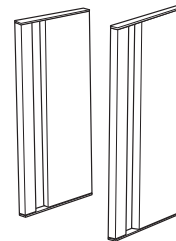
Unpacking (SLP-100)

Carefully remove the Digital Piano and its accessories from the packing box. The Digital Piano set consists of the following items.

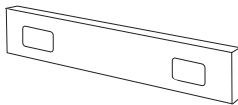
Main Unit



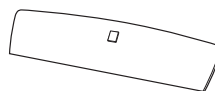
Right, Left Legs (a, b)



Speaker Box (c)



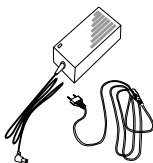
Music Desk (d)



Pedal(e)



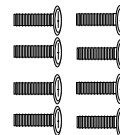
AC Power Adapter (f)



Four Bolts
for Main Unit (g)
(M6x15)mm, Black



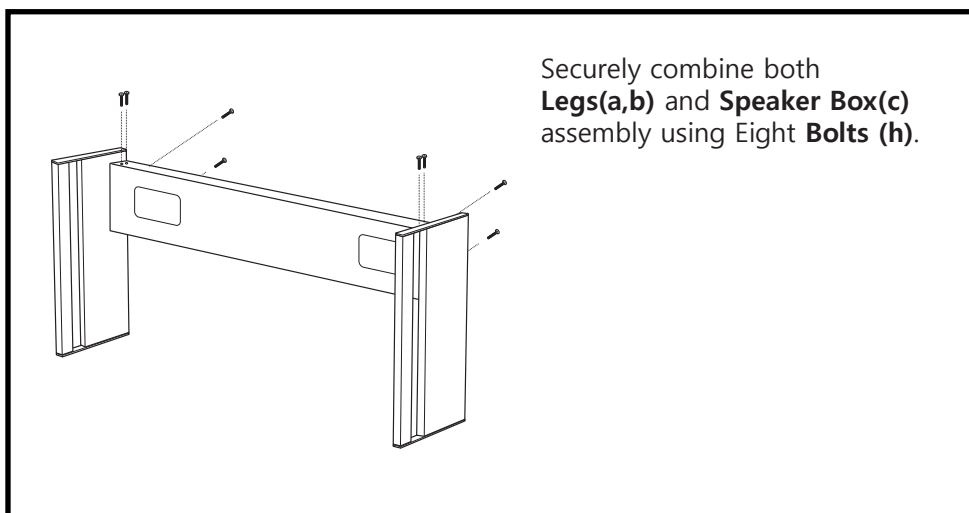
Eight Bolts
for Speaker Box (h)
(M6x25)mm, Gold



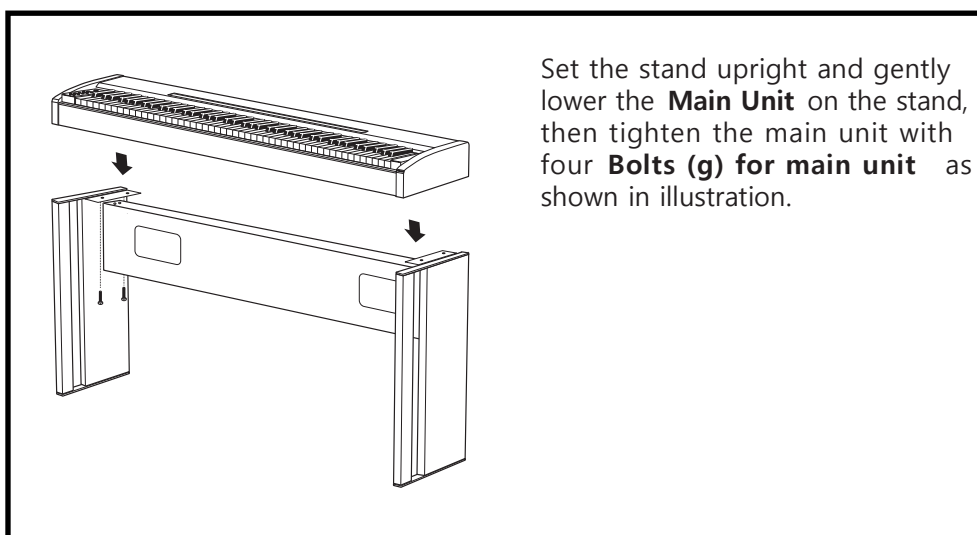
🔍 Inspect each item carefully to make sure that it is in good condition. If you find any item missing or damaged, contact the place of purchase immediately for replacement.

Setting Up Your Piano (SLP-100)

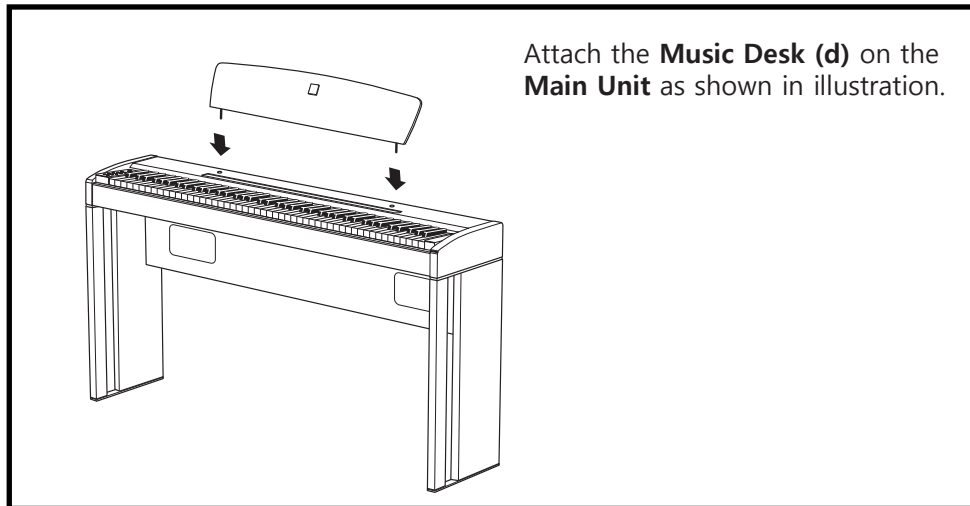
1. Attaching the both legs and speaker box assembly



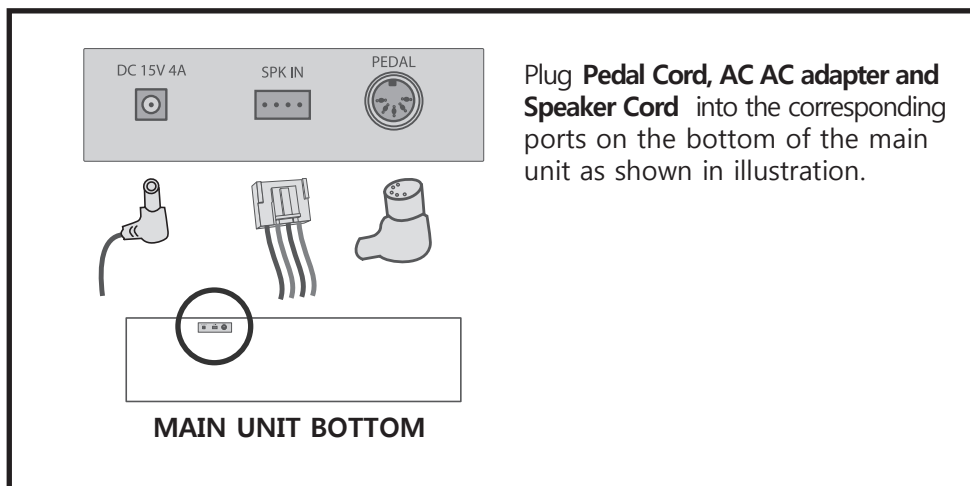
2. Attaching the main unit and stand



3. Attaching the music desk on the main unit



4. Connecting the pedal, speaker and AC adapter with main unit



Turning on the Power

① Connect the **AC POWER ADAPTER**. Insert DC plug at the end of DC cord of the AC adapter into the piano and AC plug at end of AC cord of the AC adapter into a standard AC outlet.

☞ See '**Connecting the pedal, speaker and AC adapter with main unit**' on page 9.

② Press **POWER** switch. The power is turned on and the initial display appears in the Multi Function Display. The voice of Grand Piano is selected automatically at first.

☞ Adjust the volume by using **MASTER VOLUME**.

Press **POWER** switch again when turning off the power. All lamps and LED display will turn off.

Headphones

Connect a set of stereo headphones(optional) to **PHONES** jack.

Insert plug of the headphone into the **PHONES** jack on the bottom panel of the piano.

When headphones are connected, the internal speaker system is automatically shut off.

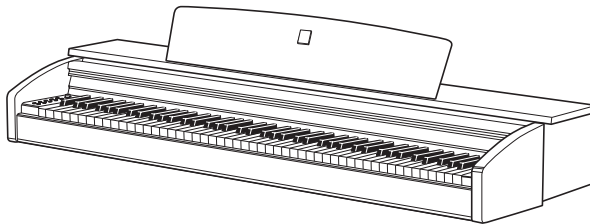
Since the piano has two **PHONES** jacks, two sets of headphones can be used simultaneously, allow two people to enjoy listening to the performance.

Unpacking (SLP-200)

Carefully remove the Digital Piano and its accessories from the packing box. The Digital Piano set consists of the following items.

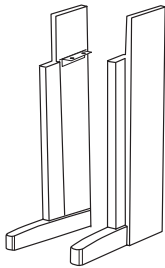
[BOX 1] BODY

Main Unit



[BOX2] STAND

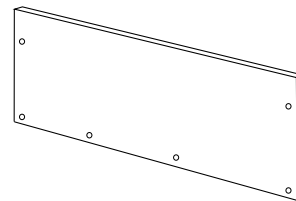
Right, Left Legs (a, b)



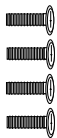
Pedal Box (c)



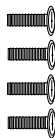
Rear Plate (d)



Four Bolts for Main Unit (g) (M6x15)mm, Black



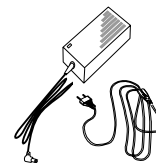
Four Bolts for Pedal Box (f) (PT6x25)mm, Gold



Five Bolts for Rear Plate (h) (4x22)mm



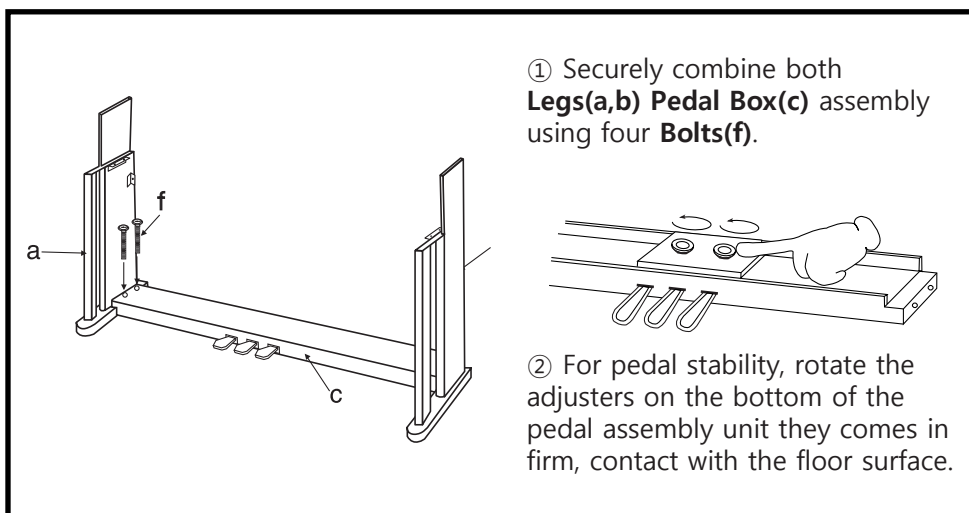
AC Power Adapter



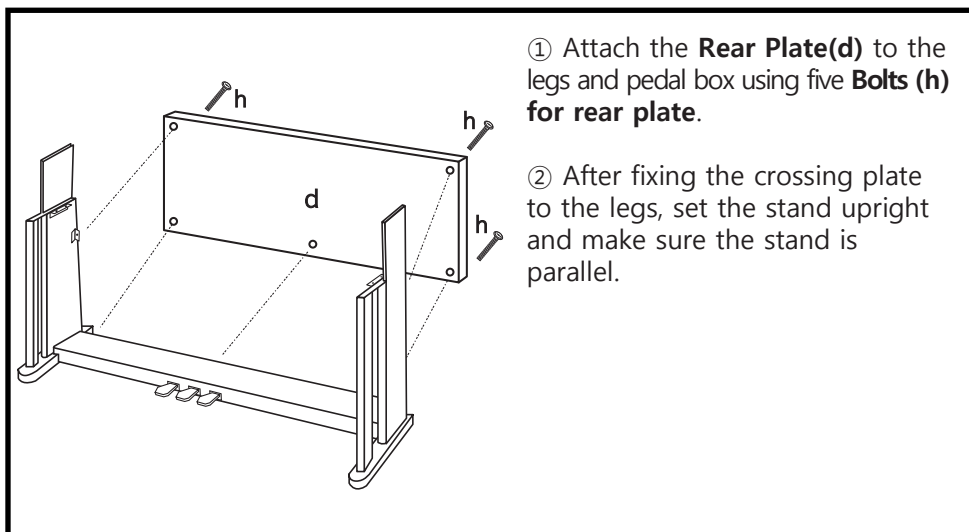
🔍 Inspect each item carefully to make sure that it is in good condition. If you find any item missing or damaged, contact the place of purchase immediately for replacement.

Setting Up Your Piano (SLP-200)

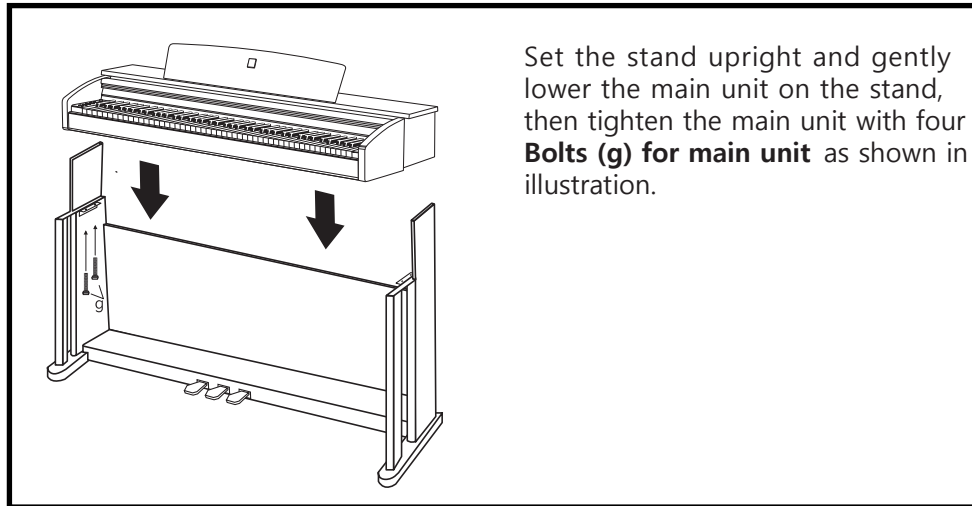
1. Attaching the both legs and pedal box assembly



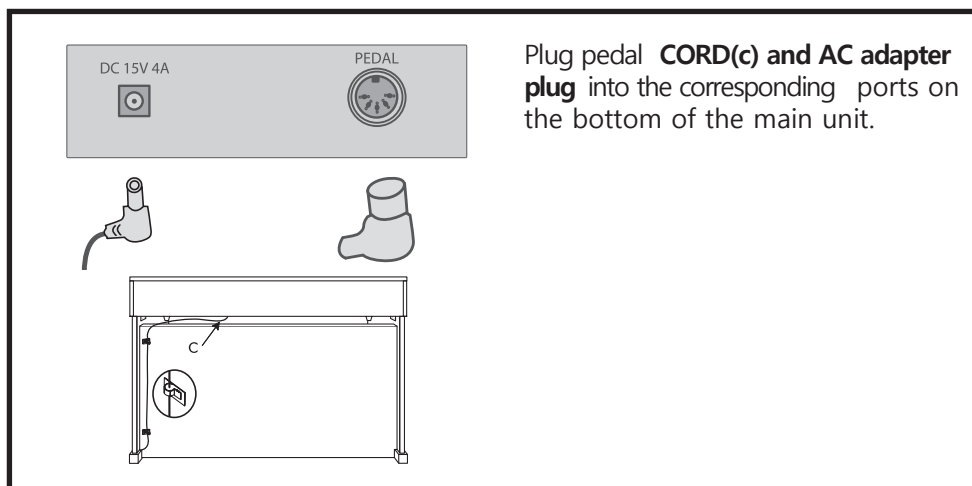
2. Assembling the stand



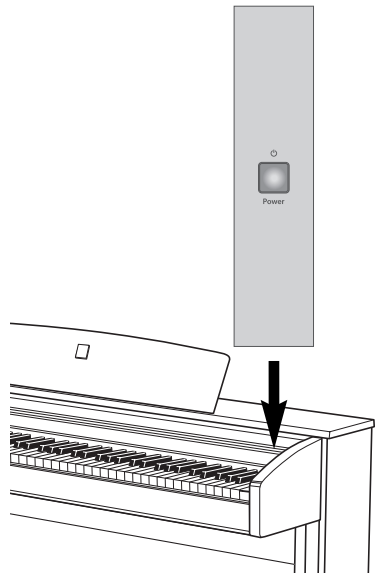
3. Attaching the main unit and stand



4. Connecting the pedal cord and AC adapter



Turning on the Power



① Connect the **AC POWER ADAPTER**. Insert DC plug at the end of DC cord of the AC adapter into the piano and AC plug at end of AC cord of the AC adapter into a standard AC outlet.

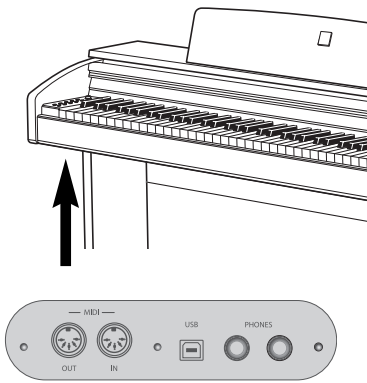
☞ See '**Connecting the pedal cord and AC adapter**' on page 13.

② Press **POWER** switch. The power is turned on and the initial display appears in the Multi Function Display. The voice of Grand Piano is selected automatically at first.

☞ Adjust the volume by using **MASTER VOLUME**.

Press **POWER** switch again when turning off the power. All lamps and LED display will turn off.

Headphones



Connect a set of stereo headphones(optional) to **PHONES** jack.

Insert plug of the headphone into the **PHONES** jack on the bottom panel of the piano.

When headphones are connected, the internal speaker system is automatically shut off.

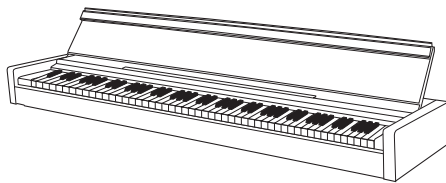
Since the piano has two **PHONES** jacks, two sets of headphones can be used simultaneously, allow two people to enjoy listening to the performance.

Unpacking (SLP-300)

Carefully remove the Digital Piano and its accessories from the packing box. The Digital Piano set consists of the following items.

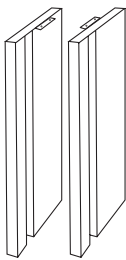
[BOX 1] BODY

Main Unit



[BOX2] STAND

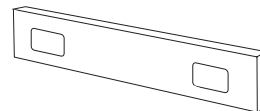
Right, Left Legs (a, b)



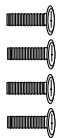
Pedal Box (c)



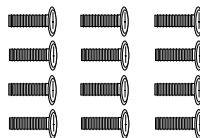
Speaker Box (d)



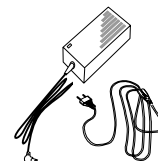
Four Bolts
for Main Unit (g)
(M6x15)mm, Black




Twelve Bolts
for Pedal Box and Speaker Box (f)
(PT6x25)mm, Gold



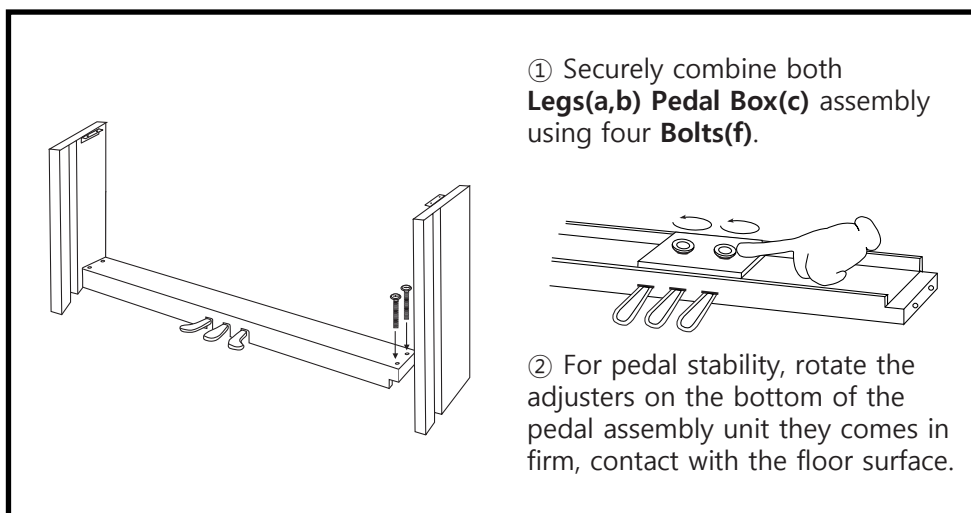
AC Power Adapter



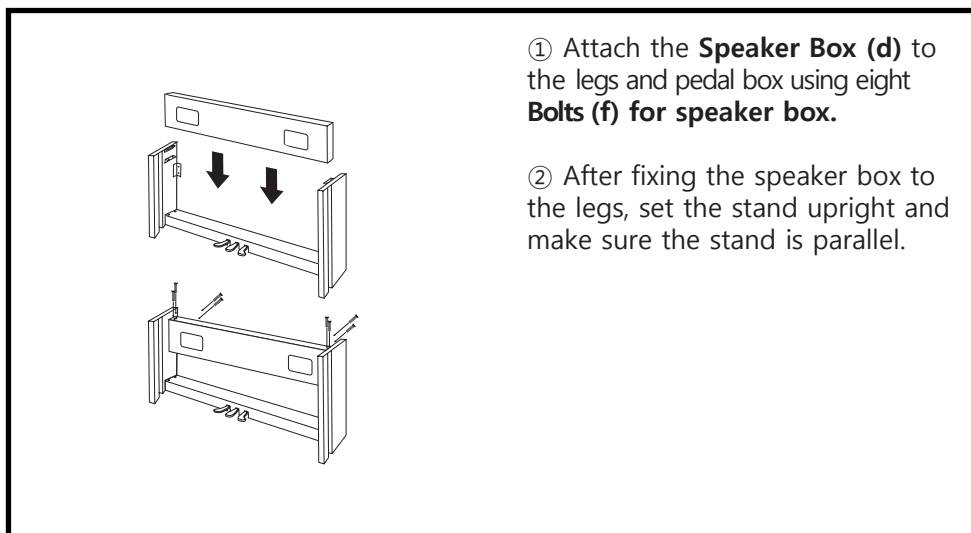
 Inspect each item carefully to make sure that it is in good condition. If you find any item missing or damaged, contact the place of purchase immediately for replacement.

Setting Up Your Piano (SLP-300)

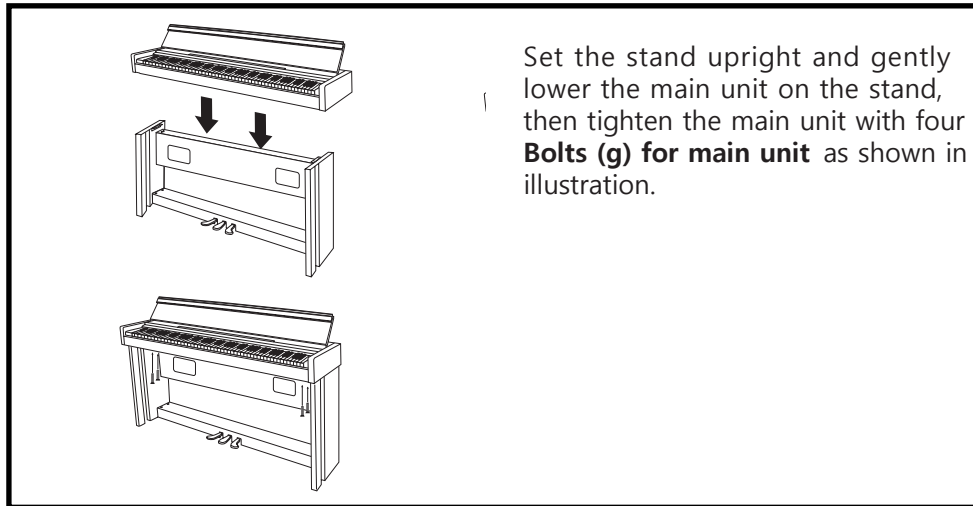
1. Attaching the both legs and pedal box assembly



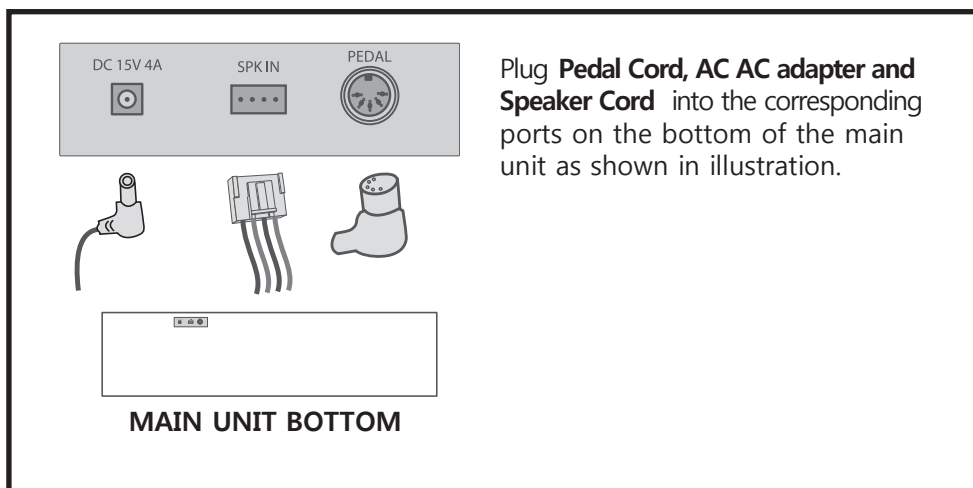
2. Assembling the stand



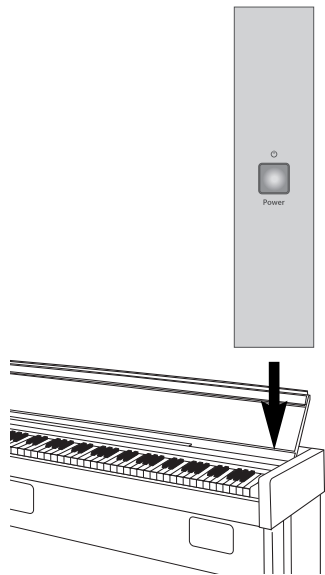
3. Attaching the main unit and stand



4. Connecting the pedal cord and AC adapter



Turning on the Power



① Connect the **AC POWER ADAPTER**. Insert DC plug at the end of DC cord of the AC adapter into the piano and AC plug at end of AC cord of the AC adapter into a standard AC outlet.

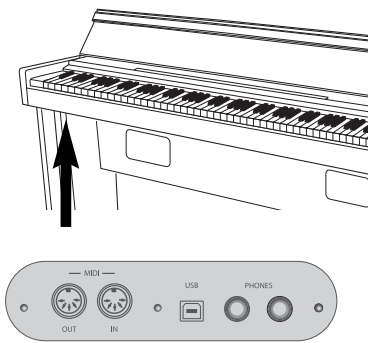
☞ See '**Connecting the pedal cord and AC adapter**' on page 17.

② Press **POWER** switch. The power is turned on and the initial display appears in the Multi Function Display. The voice of Grand Piano is selected automatically at first.

☞ Adjust the volume by using **MASTER VOLUME**.

Press **POWER** switch again when turning off the power. All lamps and LED display will turn off.

Headphones



Connect a set of stereo headphones(optional) to **PHONES** jack.

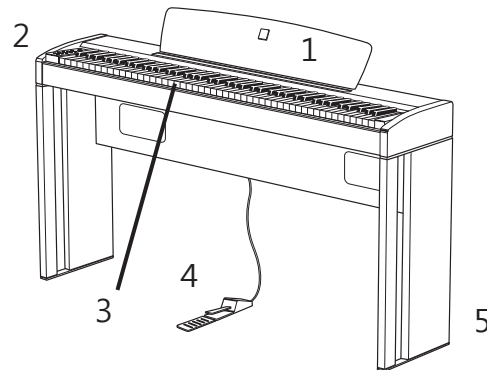
Insert plug of the headphone into the **PHONES** jack on the bottom panel of the piano.

When headphones are connected, the internal speaker system is automatically shut off.

Since the piano has two **PHONES** jacks, two sets of headphones can be used simultaneously, allow two people to enjoy listening to the performance.

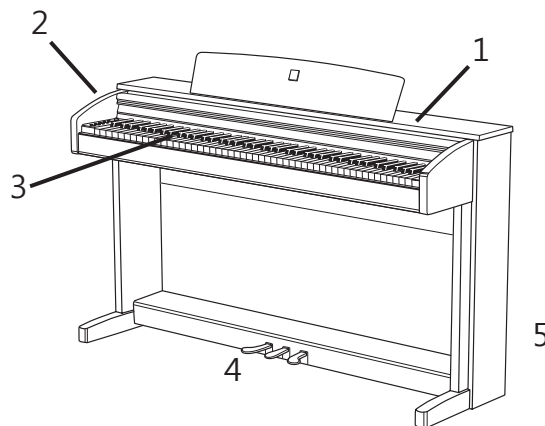
External Appearance

SLP-100



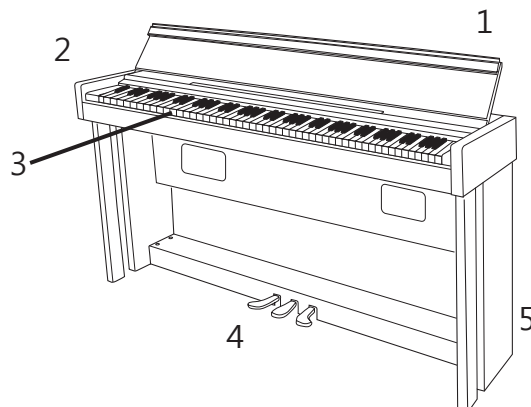
1. Music Desk
2. Control Panel
3. Keyboard
4. Pedal
5. Stand

SLP-200



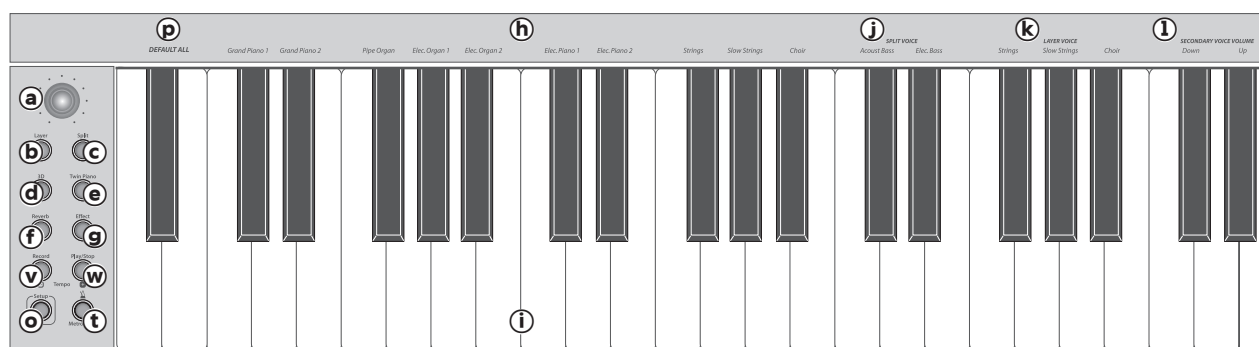
1. Keyboard Cover
2. Control Panel
3. Keyboard
4. Pedal
5. Stand

SLP-300



1. Keyboard Cover
2. Control Panel
3. Keyboard
4. Pedal
5. Stand

Panel Controls and Terminals



VOLUME SECTION

- Ⓐ MASTER VOLUME Page 22

VOICE SECTION

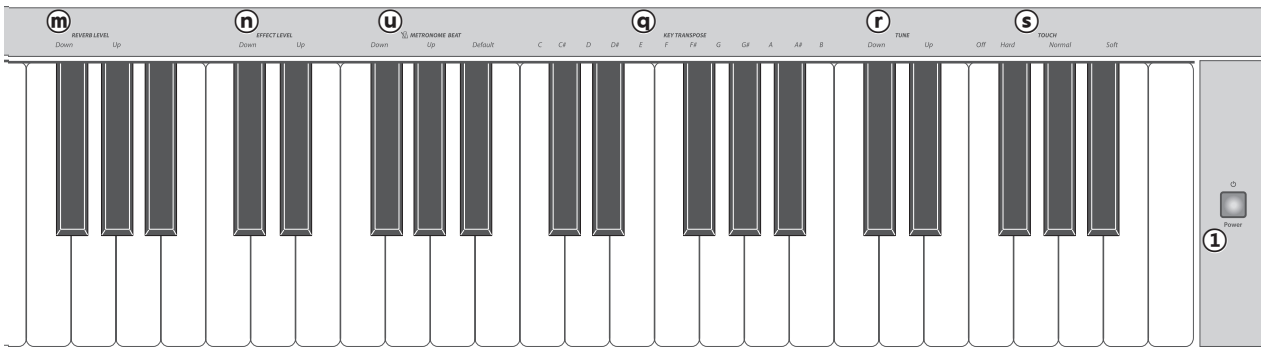
- Ⓑ LAYER BUTTON Page 26
Ⓒ SPLIT BUTTON Page 27
Ⓓ 3D EFFECT BUTTON Page 28
Ⓔ TWIN PIANO BUTTON Page 29
Ⓕ REVERB BUTTON Page 30
Ⓖ EFFECT BUTTON Page 31
Ⓗ MAIN VOICE KEYS Page 24
Ⓘ EXTRA VOICE KEYS Page 25
Ⓙ SPLIT VOICE KEYS Page 27
Ⓚ LAYER VOICE KEYS Page 26
Ⓛ SECONDARY VOICE VOL. Page 26
Ⓜ REVERB LEVEL KEYS Page 30
Ⓝ EFFECT LEVEL KEYS Page 31

FUNCTION SECTION

- ⓐ SETUP Button
Ⓟ DEFAULT ALL Key Page 29
Ⓡ TRANSPOSE Keys Page 33
Ⓡ TUNE Keys Page 32
Ⓢ TOUCH Keys Page 34
Ⓣ METRONOME Button Page 35
Ⓤ METRONOME BEAT Keys .. Page 35
ⓋⓌ TEMPO UP/DOWN Page 35

RECORDING SECTION

- Ⓥ RECORD Button Page 36
Ⓦ START/STOP Button Page 36



POWER

- (1) POWER Page 10,14,18

SLP-100/300



TERMINAL SECTION

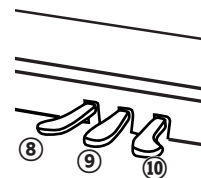
- (2) MIDI IN/OUT Page 37
 (3) USB IN Page 37
 (4) PHONES Page 10,14,18
 (5) DC IN Page 9,13,17
 (6) SPEAKER IN Page 9,17
 (7) PEDAL IN Page 9,13,17

SLP-200



PEDAL SECTION

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 (9) SOSTENUTO PEDAL Page 23
 (10) DAMPER PEDAL Page 23

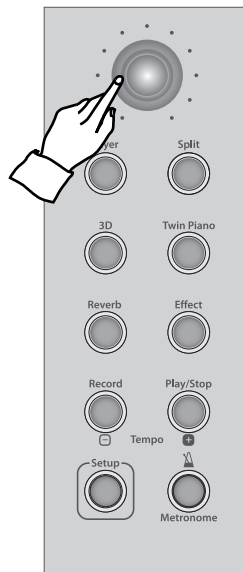


Adjusting the Volume

The piano has one volume on the panel for adjusting the volume.

MASTER VOLUME

This determines the entire volume of the piano.



🔊 This also determines the output level of the signal at the **PHONES**.

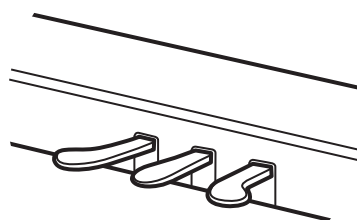
Using the Pedals

The piano has three pedals.

SLP-100



SLP-200/SLP-300



☞ SLP-100 has only one pedal, which is for damper.

① Damper Pedal (Right)

The damper pedal 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.

- ☞ SLP-100 has only one pedal, which is for damper.
- ☞ Certain voices in the PERCUSSION sounds may not be affected by use of the damper pedal.
- ☞ Some voices may sound continuously or have a long decay after the notes have been released while the damper pedal is held.

② Sostenuto Pedal (Center)

If you play a note or chord on the keyboard and press the sostenuto pedal while the note(s) are held, those notes will be sustained as long as the pedal is held, but all subsequently played notes will not be sustained. This makes it possible to sustain a chord, for example, while other notes are played staccato.

- ☞ Certain voices in the PERCUSSION group may not be affected by use of the sostenuto pedal.
- ☞ Certain voices such as STRINGS or BRASS sustain continuously when the sostenuto pedal is pressed.

③ Soft Pedal (Left)

Pressing this pedal reduces the volume and slightly changes the timbre of the notes you play.

Selecting Voice

The piano features a wealth of rich, authentic voices, including piano, strings and brass instruments. It also features a keyboard percussion function that lets you play the realistic drum and percussion sounds directly from keyboard.

There are 12 main voices, 2 split voices, 3 layered voices and 14 extra voices in this piano.

☞ **Main Voice**

Grand Piano 1, 2, Pipe Organ, Elec. Organ 1, 2, Elec. Piano 1, 2, Strings, Slow Strings, Choir

☞ **Split Voice**

Acoustic Bass, Elec. Bass

☞ **Layered Voice**

Acoustic Bass, Fingered Bass, Elec. Bass

☞ **Extra Voice**

Grand Piano 3, Detuned Piano, Harpsichord, Vibraphone, Accordion, Elec. Organ 3, Square Wave, Sawtooth Wave, Synth Piano, Flute, Saxophone, Guitar, Synth brass, Drum set

☞ **128 General MIDI Voice**

When connecting with PC, it's available to use 128 GM voices.

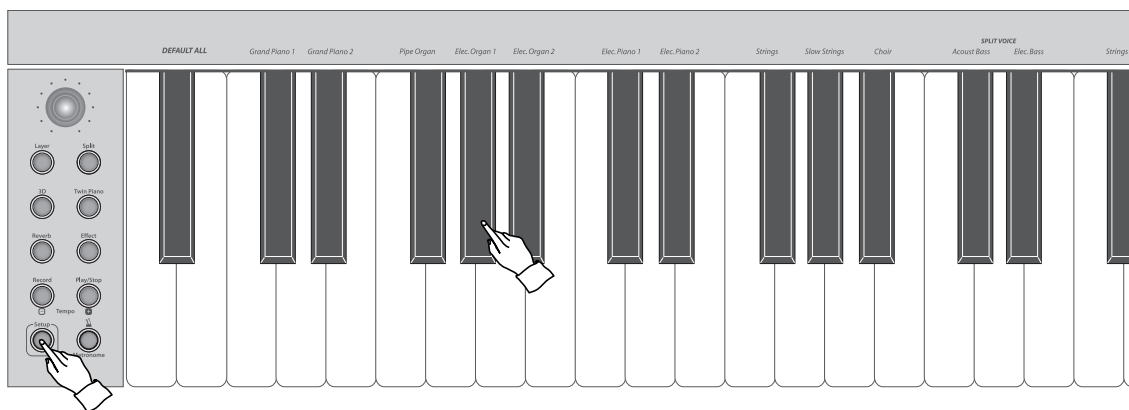
(See the **GM VOICE CHART/DRUM TABLE** section on page 39~41.)

① Press and hold the **SETUP** button.

☞ The lamp is on.

② Select a desired voice.

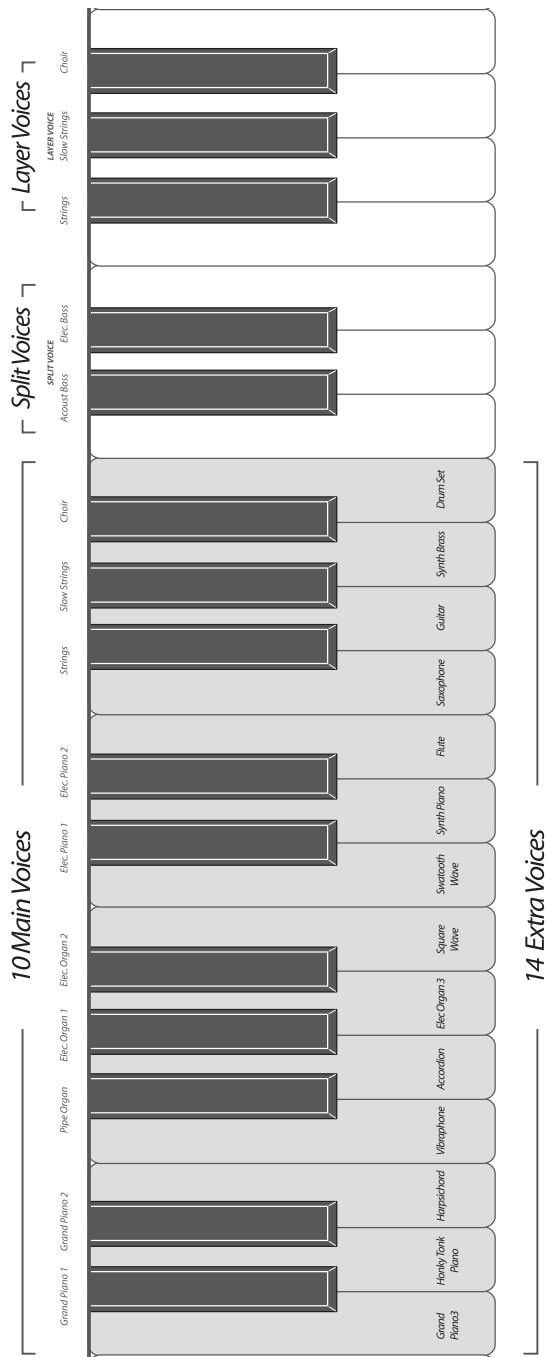
☞ both the **SETUP** button and a **voice key** should be pressed.



☞ Default voice is Grand piano 1.

☞ When a split voice or a layer voice is selected, layer or split function automatically will be on.
See the **LAYER/SPLIT** section on page 26~27.

VOICE KEY MAP



Layer

The layer mode of the piano allows you to select and play two different voices simultaneously in a layer. This makes it easy to create exceptionally rich and thick tonal textures. The volume balance can be set for the two voices.

PLAYING WITH THE LAYER VOICE

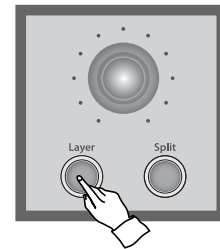
① Select a main voice.

Select a voice in the normal way. (See the **SELECTING VOICE** section on page 24.)

② Call up the layer mode.

To call up the layer mode, press the **LAYER** button. Lamp lights and the layer is set on.

☞ If you select a layer voice, layer function automatically can be on without pressing the **LAYER** button.



③ Select the layered voice.

Select a voice in the normal way. (See the **SELECTING VOICES** section on page 24.)

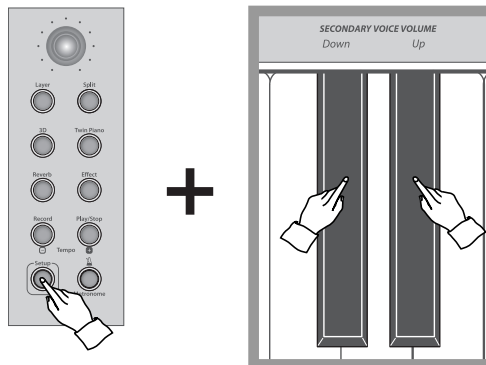
ADJUSTING THE LAYER VOLUME

This determines the volume of the layered voice.

① Press and hold the SETUP button.

☞ The lamp is on.

② Adjust the layer volume by pressing secondary volume up and down keys.



☞ If you press both **UP** and **DOWN** keys at the same time, automatically return to the default Layer Volume (11). The range of volume is 0 ~ 16.

☞ Hold the key for continuous decrementing or incrementing.

☞ Both split and layer volumes can be adjusted by using secondary volume keys.

Split

The split mode of the piano allows you to select and play two different voices with your left and right hands - For example, play bass with the left and piano with the right .

PLAYING WITH THE SPLIT VOICE

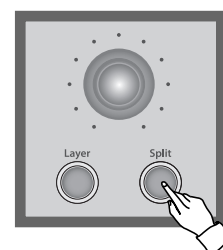
① Select a main voice.

Select a voice in the normal way. (See the **SELECTING VOICE** section on page 24.)

② Call up the split mode.

To call up the layer mode, press the **SPLIT** button. Lamp lights and the split is set on.

☞ If you select a split voice, layer function automatically can be on without pressing the **SPLIT** button.



③ Select the split voice.

Select a voice in the normal way. (See the **SELECTING VOICE** section on page 24.)

ADJUSTING THE LAYER VOLUME

See the **LAYER** section on page 21.

① Press and hold the **SETUP** button.

☞ The lamp is on.

② Adjust the layer volume by pressing secondary volume up and down keys.

☞ If you press both **UP** and **DOWN** keys at the same time, automatically return to the default Layer Volume (11). The range of volume is 0 ~ 16.

☞ Hold the key for continuous decrementing or incrementing.

☞ Both split and layer volumes can be adjusted by using secondary volume keys.

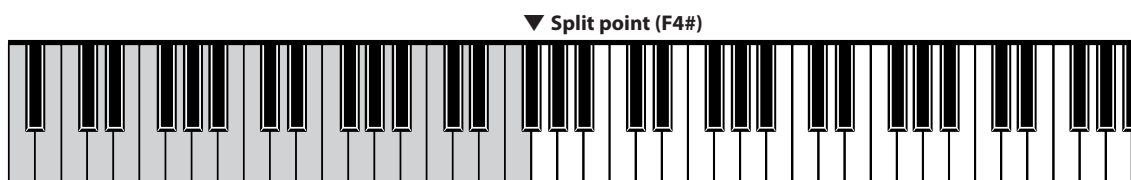
CHANGING THE SPLIT POINT

You can set the point dividing the split voice and main voice ranges at any desired key position.

① Press and hold the **SPLIT** button.

② Press a desired key. The pressed key is assigned to new split point.

☞ Default value is F#4.



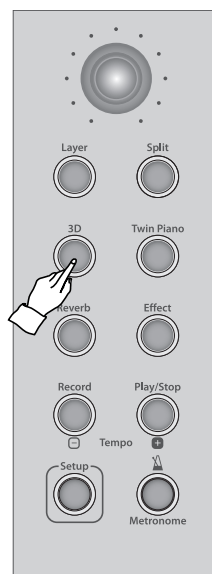
3D(Spatial Effect)

The 3D effects widen the stereo image and the listener through two speakers or stereo headphones feels like placed in 3 dimensional spaces.

PLAYING WITH THE 3D EFFECT

① **Press the 3D button.**

The 3D effect turns on and the lamp lights.



② **To turn off the 3D effects, press the 3D button again.**

The 3D effect turns off and the lamp goes out.

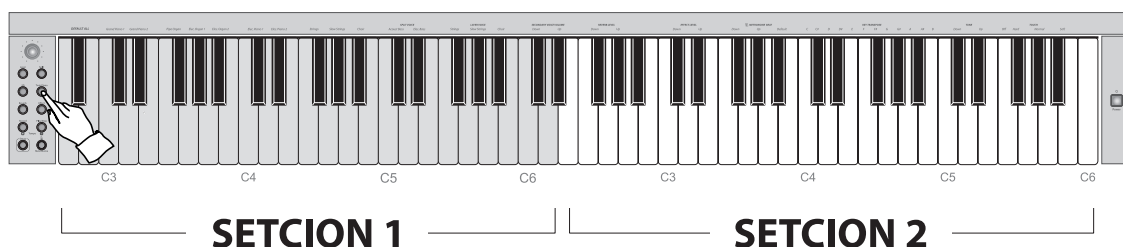
Twin Piano

Splitting the Piano Keyboard into two sections for twin piano performance. The keyboard can be divided into two separate sections, allowing for two people to perform in the same octave.

PLAYING WITH THE TWIN PIANO

① **Press the TWIN PIANO button.**

The keyboard splits two sections, which have same octave.



② **To turn off the twin piano performance, press the TWIN PIANO button again.**

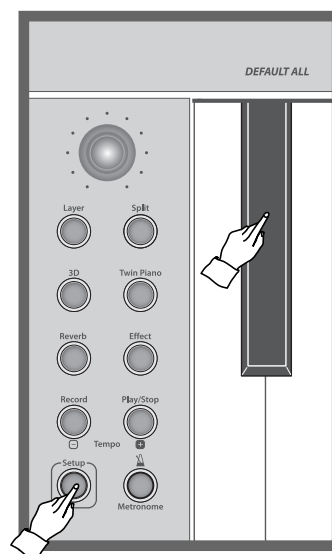
The twin piano performance turns off and the lamp goes out.

☞ This function can not be used with the layer and split functions.

Default All

It's possible to make following setting values to default values with this function.

- 1) Secondary Voice volume (Default, 13 Range 0 ~ 16)
- 2) Reverb level (Default 11, Range 0 ~ 16)
- 3) Effect level (Default 11, Range 0 ~ 16)
- 4) Metronome beat (Default 4, Range 2 ~ 13)
- 5) Transpose (Default C, Range G~C~F#)
- 6) Tune (Default A3 440Hz, Range -50 ~ 0 ~ 50 cent)
- 7) Touch (Default Normal, Range Off, Hard, Normal, Soft)

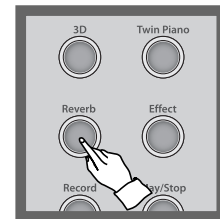


Reverb

Reverb is an effect that recreates the decaying reflections of a sound in a performance space, and reproduces the special ambience of a concert hall.

① **Press the REVERB button.**

- ☞ The reverb turns on and lamp lights.
- ☞ The reverb is engaged automatically when the power is turned on with the lamp lighting.



② **To turn off the reverb press the REVERB button again.**

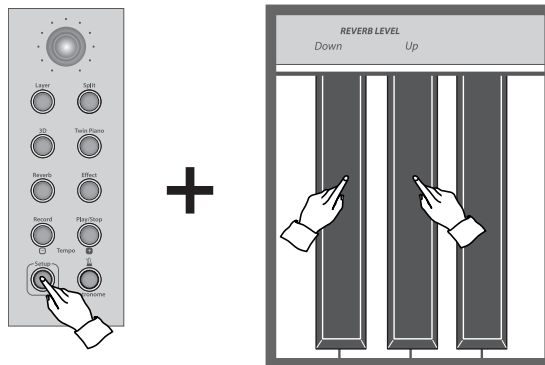
The reverb turns off and the lamp goes out.

ADJUSTING THE REVERB LEVEL

① **Press and hold the SETUP button.**

- ☞ The lamp is on.

② **Adjust the reverb level by pressing reverb level up and down keys.**



- ☞ The reverb level can be adjusted, when reverb is on.
- ☞ If you press both **UP** and **DOWN** keys at the same time, automatically return to the default reverb level (11).
The range is 0 ~ 16.
- ☞ Hold the key for continuous decrementing or incrementing.

Effect

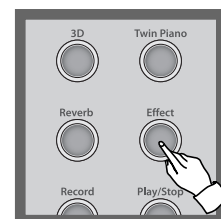
The effect adds more breadth to the selected keyboard voice.

① Press the EFFECT button.

- ☞ The effect turns on and lamp lights.
- ☞ When turning on power, the effect is off. (Default is off.)

② To turn off the reverb press the EFFECT button again.

The effect turns off and the lamp goes out.

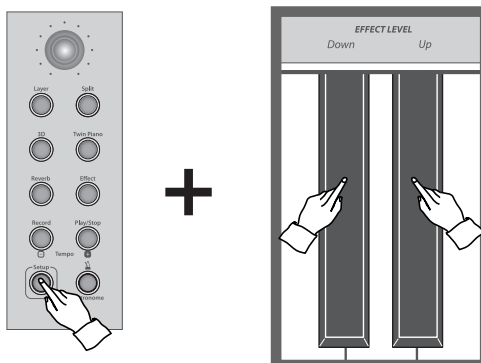


ADJUSTING THE EFFECT LEVEL

① Press and hold the SETUP button.

- ☞ The lamp is on.

② Adjust the effect level by pressing effect level up and down keys.



- ☞ The effect level can be adjusted, when effect is on.
- ☞ If you press both **UP** and **DOWN** keys at the same time, automatically return to the default effect level (11). The range is 0 ~ 16.
- ☞ Hold the key for continuous decrementing or incrementing.

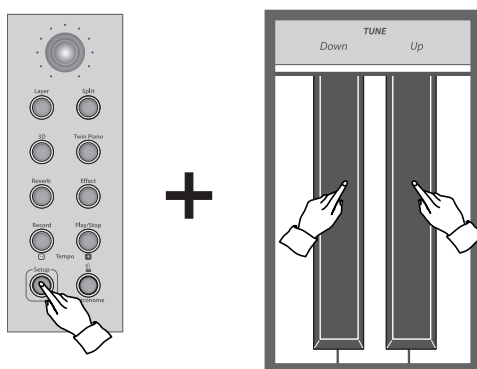
Tune

The Tune function lets you make fine adjustments to the pitch, allowing you to accurately match the tuning with that of other instruments.

① **Press and hold the SETUP button.**

☞ The lamp is on.

② **Adjust the pitch by pressing tune up and down keys.**



- ☞ When pressing up or down key, piano makes 'C' sound and you can hear the adjusted pitch.
- ☞ If you press both **UP** and **DOWN** keys at the same time, automatically return to the default value.
- ☞ **Range** A3 440Hz \pm 50cents (1step is 1 cent.)
- ☞ **Hz(Hertz)** The pitch is measured in units of Hertz (abbreviated Hz), which represents the number of times the sound wave vibrates in a second.
- ☞ **Cents** Cent is unit of pitch, equal to 1/100 of a semitone.
- ☞ Hold the key for continuous decrementing or incrementing.

Transpose

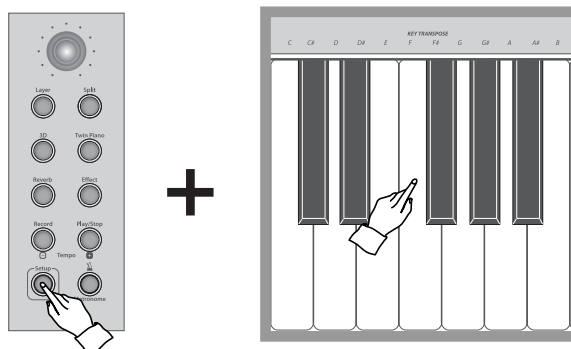
The Transpose function makes it possible to shift the pitch of the keyboard in semitone units, allowing you to match the pitch of the keyboard to the range of other instruments or singers, or letting you easily play in a different key without having to change your fingering.

For example, if the **Transpose** is set F, playing C results in a pitch of F, or in other words, you can play in the key of C major on the keyboard and automatically have the pitch transposed to F major.

① **Press and hold the SETUP button.**

☞ The lamp is on.

② **Set new key of transpose section.**



☞ **Default value:** C key

☞ **Range:** 12 semitones (G ~ C ~ F#)

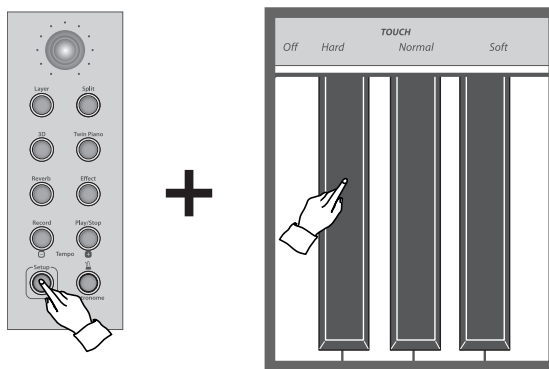
Touch

Touch determines how your playing strength (velocity) affects the volume of the voices. Four(4) types are available for tailoring the keyboard response to the selected voice, type of song, or your own playing preference.

① **Press and hold the SETUP button.**

☞ The lamp is on.

② **Set a desired touch by pressing one of touch keys.**



☞ Default touch is Normal.

☞ There are 4 touch types in this piano - Off, Soft, Normal, Hard

Off

This setting produces the same degree of loudness, no matter how strongly or softly you play the keys.

Soft

These settings let you produce a relatively loud sound even when playing the key softly.

Normal

These settings are standard keyboard response. - Default setting

Hard

These settings require you to play the keys quite strongly to produce maximum loudness.

Using Metronome

The piano features a convenient metronome that is ideal for practicing.

① START/STOP of Metronome

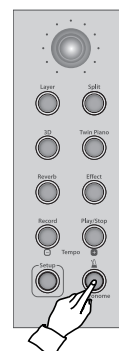
To start the metronome, simply press the **METRONOME** button. The lamp lights.

Press the **METRONOME** button again to stop the metronome sound. The lamp goes off.

② Adjusting Tempo of Metronome

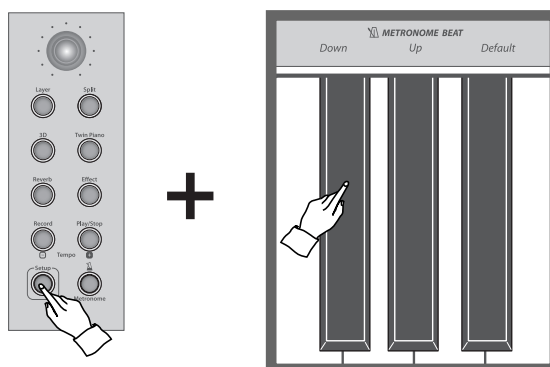
You can set the tempo over range 40 ~ 250 by using the **TEMPO** buttons.

☞ Hold the button for continuous decrementing or incrementing.



③ Changing the metronome Beat

Press and hold the SETUP button and press metronome beat up or down key.



☞ **Beat Range** 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

☞ **Default beat** 4

☞ If you want to set default beat, press and hold the **SETUP** button and press default key of metronome beat section.

Recording

The piano features comprehensive song recording functions that allow you to record your own performance.

① **Select Record mode.**

Press the **RECORD** button, the RECORD lamp lights.

② **Start recording**

Start playing the keyboard or press the **START/STOP** button.
The record lamp flashes and the Play/stop lamp lights.

③ **Stop recording**

Stop playing the keyboard and press the **START/STOP** button.
Both record and play/stop lamps light.

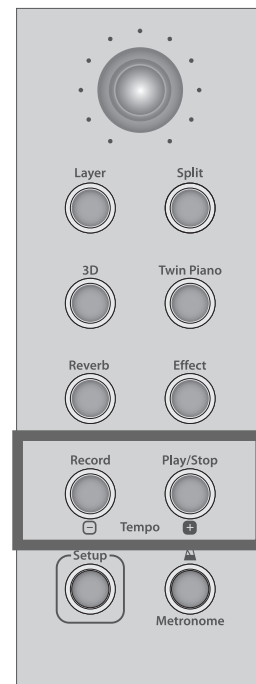
④ **Playback the recorded song**

Press the **START/STOP** button again in the record mode.
The recorded song is played.
The play/stop lamp flashes and the record lamp lights.

- ☞ To delete the recorded song, press and hold the **RECORD** button during 2~3 seconds.
- ☞ If there is no recorded song in the memory, the record lamp lights and the play/stop lamp is off.
- ☞ If there is a recorded song in the memory, both the record lamp and the play/stop lamps light.
- ☞ The song memory is cleared, when the power is turned off.

⑤ **Return to the normal mode**

Press the **RECORD** button. The Record lamp is turned off.



MIDI & USB MIDI



Ⓐ Connecting the external MIDI devices (MIDI Terminals)

Use the built-in **MIDI** terminals and standard MIDI cables to connect external MIDI devices.

MIDI IN Receives MIDI messages from an external MIDI device.

MIDI OUT Transmits MIDI messages generated by the instrument.

☞ What's MIDI?

MIDI(Musical Instrument Digital Interface) is the international standard for digital communication of electronic musical instrument data.

This means that any equipment that has a MIDI terminal (such as electronic musical instruments or personal computers) can easily exchange digital data with other MIDI equipment without complicated conversions or connections.

Ⓑ Connecting a computer (USB Terminal)

By connecting a computer to the USB, you can transfer data between the instrument and the computer via MIDI, and take advantage of sophisticated computer music programs.

Keep in mind that you also need to install an appropriate USB MIDI driver.

The instructions below explain how to connect and use the terminals.

☞ CAUTION

This instrument cannot be connected with both USB terminal and MIDI Terminals.

☞ CAUTION - Precautions when using the USB terminal.

When connecting the computer to the USB terminal, make sure to observe the following points. Failing to do so risks freezing the computer and corrupting or losing data. If the computer or the instrument freezes, turn the power to the instrument off and restart the computer.

Before connecting the computer to the USB terminal, exit from any power-saving mode of the computer (such as suspended, sleep, standby), and quit any open application software, also turns off the power to the instrument. Execute the following before turning the power to the instrument off or unplugging the USB cable to/from the instrument/computer.

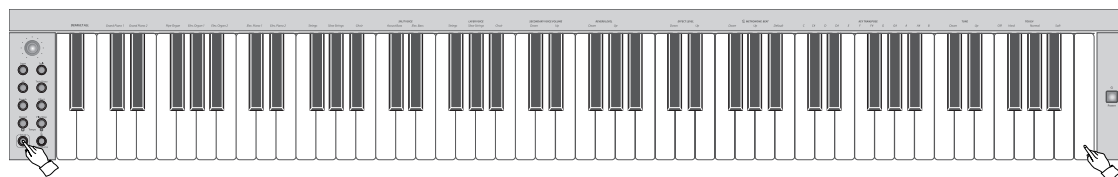
- Quit any open application software on the computer.
- Make sure that data is not being transmitted from the instrument. (Data is transmitted only by playing notes on the keyboard or playing back a song.)
- While a USB device is connected to the instrument, you should wait for six seconds or more between these operations: When turning the power of the instrument off then on again, or when alternately connecting/disconnecting the USB cable.

Local control On/Off (Hidden Function)

Press and hold down the **SETUP** button and press **Right (C9) key**.

☞ Under Local control off, the piano doesn't make any sound without PC connection(USB or MIDI).

☞ We recommend to turn off and on power, after using this function.



MIDI Implementation Chart

Function	Recognized	Transmitted	Remark	
Basic Channel	Default	ALL	1 - 3	
Mode	Default	OMNI OFF, POLY	OMNI OFF, POLY	
Note ON/OFF	9nH kk ww	O	O	#kk:note ON (0-127) #ww:velocity (1-127)
Pitch Bender	EnH bi bh	O	X	Maximum swing +/- 1 tone
Control Change	00 BnH 00H cc	O	X	Bank Select
	01 BnH 01H cc	O	X	Modulation Wheel
	05 BnH 05H cc	O	X	Portamento Time
	06 BnH 06H cc	O	X	Data Entry
	07 BnH 07H cc	O	X	Volume
	10 BnH 0AH cc	O	X	Pan Out
	11 BnH 0BH cc	O	X	Expression
	64 BnH 40H cc	O	O	Sustain (Damper) Pedal
	65 BnH 41H cc	O	X	Portamento ON/OFF
	66 BnH 42H cc	O	O	Sostenuto Pedal
	67 BnH 43H cc	O	O	Soft Pedal
	80 BnH 80H ww	O	X	Reverb Prog.(w=00H-70H)
	81 BnH 51H ww	O	X	Chorus Prog.
	91 BnH 5BH ww	O	X	Reverb Send Level
	93 BnH 5DH ww	O	X	Chorus Send Level
	120 BnH 78H 00H	O	X	All Sound Off
	121 BnH 79H 00H	O	X	Reset All Controller
	123 BnH 7BH 00H	O	X	All Notes Off
	126 BnH 7EH 00H	O	X	Mono On
	127 BnH 7FH 00H	O	X	Poly On
Program Change	CnH PP	O	O	Sounds/Drum Set List
System Exclusive	General MIDI Reset	O	X	

O : Yes, X : No

GM Voice & Drum Table

GM #	Voice	GM #	Voice
001	Piano1	065	Soprano Saxophone
002	Piano2	066	Alto Saxophone
003	Piano3	067	Tenor Saxophone
004	Honky Tonk	068	Baritone Saxophone
005	Electric Piano1	069	Oboe
006	Electric Piano2	070	English Horn
007	Harpsichord	071	Bassoon
008	Clavinet	072	Clarinet
009	Celesta	073	Piccolo
010	Glockenspiel	074	Flute
011	Music Box	075	Recorder
012	Vibraphone	076	Pan Flute
013	Marimba	077	Bottle Blow
014	Xylophone	078	Shakuhachi
015	Tubular Bell	079	Whistle
016	Dulcimer	080	Ocarina
017	Electric Organ	081	Square
018	Jazz Organ	082	Sawtooth
019	Rock Organ	083	Calliope
020	Pipe Organ	084	Chiffer
021	Reed Organ	085	Charang
022	Accordion	086	Solo Vox
023	Harmonica	087	Fifths
024	Bandonion	088	Bass Lead
025	Nylon Guitar	089	Fantasia
026	Steel Guitar	090	Warm Pad
027	Jazz Guitar	091	Poly Synth
028	Clean Guitar	092	Space Vox
029	Muted Guitar	093	Bow Glass
030	Drive Guitar	094	Metal Pad
031	Lead Guitar	095	Halo Pad
032	Harmonic Guitar	096	Sweep Pad
033	Acoustic Bass	097	Ice Rain
034	Finger Bass	098	Sound Track
035	Pick Bass	099	Crystal
036	Fretless Bass	100	Atmosphere
037	Slap Bass1	101	Brightness
038	Slap Bass2	102	Goblin
039	Synth Bass1	103	Echo Drop
040	Synth Bass2	104	Star Theme
041	Violin	105	Sitar
042	Viola	106	Banjo
043	Cello	107	Shamishen
044	Contra Bass	108	Koto
045	Tremolo Strings	109	Kalimba
046	Pizzicato Strings	110	Bagpipe
047	Harp	111	Fiddle
048	Timpani	112	Shanai
049	Strings	113	Tinkle Bell
050	Slow Strings	114	Agogo
051	Synth Strings1	115	Steel Drum
052	Synth Strings2	116	Wood Block
053	Choir Aahs	117	Taiko
054	Voice Oohs	118	Melody Tom
055	Synth Voice	119	Synth Drum
056	Orchestra Hit	120	Reversed Cymbal
057	Trumpet	121	Guitar Noise
058	Trombone	122	Breath Noise
059	Tuba	123	Sea Shore
060	Muted Trumpet	124	Birds
061	French Horn	125	Telephone
062	Brass Section	126	Helicopter
063	Synth Brass1	127	Applause
064	Synth Brass2	128	Gunshot

☞ When connecting with PC or other MIDI device via MIDI or USB port, 128 GM voices and all drum sets on the table can be used.

GM Voice & Drum Table

	Prog 1 Standard Drum	Prog 9 Room Drum	Prog 17 Power Drum	Prog 25 Elec. Drum	Prog 26 TR-808
27 - D#1	High Q				
28 - E1	Slap				
29 - F1	Scratch Push				
30 - F#1	Scratch Pull				
31 - G1	Sticks				
32 - G#1	Square Click				
33 - A1	Metronome Click				
34 - A#1	Metronome Bell				
35 - B1	Kick drum2/Jazz BD2				
36 - C2	Kick drum1/Jazz BD1		Power Kick	Elec BD	808 Bass Drum
37 - C#2	Side Stick				808 Rim shot
38 - D2	Snare Drum1		Gated Snare	Elec SD	808 Snare Drum
39 - D#2	Hand Clap				
40 - E2	Snare Drum 2				
41 - F2	Low Floor Tom	Room Low Tom2	Room Low Tom2	Elec Low Tom2	808 Low Tom2
42 - F#2	Closed Hi Hat [EXC1]				808 CHH[EXC1]
43 - G2	High Floor Tom	Room Low Tom1	Room Low Tom1	Elec Low Tom1	808 Low Tom2
44 - G#2	Pedal Hi-Hat [EXC1]				808 CHH[EXC1]
45 - A2	Low Tom	Room Mid Tom2	Room Mid Tom2	Elec Mid Tom2	808 Mid Tom2
46 - A#2	Open Hi-Hat [EXC1]				808 OHH[EXC1]
47 - B2	Low-Mid Tom	Room Mid Tom1	Room Mid Tom1	Elec Mid Tom1	808 Mid Tom1
48 - C3	Hi Mid Tom	Room Hi Tom2	Room Hi Tom2	Elec Hi Tom2	808 Hi Tom2
49 - C#3	Crash Cymbal 1				808 Cymbal
50 - D3	High Tom	Room Hi Tom1	Room Hi Tom1	Elec Hi Tom1	808 Hi Tom1
51 - D#3	Ride Cymbal 1				
52 - E3	Chinese Cymbal			Reverse Cymbal	
53 - F3	Ride Bell				
54 - F#3	Tambourine				
55 - G3	Splash Cymbal				
56 - G#3	Cowbell				808 Cowbell
57 - A3	Crash Cymbal2				
58 - A#3	Vibraslap				
59 - B3	Ride Cymbal2				
60 - C4	Hi Bongo				
61 - C#4	Low Bongo				
62 - D4	Mute Hi Conga				808 High Conga
63 - D#4	Open Hi Conga				808 Mid Conga
64 - E4	Low Conga				808 Low Conga
65 - F4	High Timbale				
66 - F#4	Low Timbale				
67 - G4	High Timbale				
68 - G#4	Low Agogo				
69 - A4	Cabasa				
70 - A#4	Maracas				
71 - B4	Short Whistle[EXC2]				808 Maracas
72 - C5	Long Whistle[EXC2]				
73 - C#5	Short Guiro[EXC3]				
74 - D5	Long Guiro[EXC3]				
75 - D#5	Claves				808 Claves
76 - E5	Hi Wood Block				
77 - F5	Low Wood Block				
78 - F#5	Mute Cuica[EXC4]				
79 - G5	Open Cuica[EXC4]				
80 - G#5	Mute Triangle[EXC5]				
81 - A5	Open Triangle[EXC5]				
82 - A#5	Shaker				
83 - B5	Jingle Bell				
84 - C6	Belltree				
85 - C#6	Castanets				
86 - D6	Mute Surdo[EXC6]				
87 - D#6	Open Surdo[EXC6]				
88 - E6					

GM Voice & Drum Table

	Prog 33 Jazz Drum (7-6)	Prog 41 Brush Drum	Prog 49 Orchestra	Remark
27 - D#1			Closed Hi Hat	
28 - E1			Pedal Hi-Hat	
29 - F1			Open Hi Hat	
30 - F#1			Ride Cymbal	
31 - G1				
32 - G#1				
33 - A1				
34 - A#1				
35 - B1	Jazz BD2	Jazz BD2	Concert BD 2	
36 - C2	Jazz BD1	Jazz BD1	Concert BD1	
37 - C#2				
38 - D2		Brush Tap	Concert SD	
39 - D#2		Brush Slap	Castanets	
40 - E2		Brush Swirl	Concert SD	
41 - F2			Timpani F	
42 - F#2			Timpani F#	
43 - G2			Timpani G	
44 - G#2			Timpani G#	
45 - A2			Timpani A	
46 - A#2			Timpani A#	
47 - B2			Timpani B	
48 - C3			Timpani c	
49 - C#3			Timpani c#	
50 - D3			Timpani d	
51 - D#3			Timpani d#	
52 - E3			Timpani e	
53 - F3			Timpani f	
54 - F#3				
55 - G3				
56 - G#3				
57 - A3			Concert Cymbal2	
58 - A#3				
59 - B3			Concert Cymbal1	
60 - C4				
61 - C#4				
62 - D4				
63 - D#4				
64 - E4				
65 - F4				
66 - F#4				
67 - G4				
68 - G#4				
69 - A4				
70 - A#4				
71 - B4				
72 - C5				
73 - C#5				
74 - D5				
75 - D#5				
76 - E5				
77 - F5				
78 - F#5				
79 - G5				
80 - G#5				
81 - A5				
82 - A#5				
83 - B5				
84 - C6				
85 - C#6				
86 - D6				
87 - D#6				
88 - E6				

Troubleshooting

※ Be sure to check the following table whenever you encounter problems with the **DIGITAL PIANO** operation.

PROBLEM	CAUSE	SOLUTION
No sound	1. Power supply problem. 2. Volume setting is too low. 3. Headphone is plugged in.	1. Check the power cord whether it's properly in AC outlet. 2. Adjust the volume. 3. Unplug the headphone.
Occasional interference	1. Refrigerators, washing machines and similar electric appliances are interfering.	1. Use outlet as far away as possible from appliance thought to be the cause.
No sound when connected to external amplifier.	1. Volume setting is too low. 2. Defective connection cord.	1. Adjust the volume. 2. Replace connection cord.

Specifications

Section	Contents
PRODUCT	SLIM DIGITAL PIANO
KEYBOARD	88 KEYS (STANDARD) - 7 1/4 OCTAVES
MAX. POLYPHONY	64 NOTES
SOUND	25 Voices and 1 DRUM KIT
FUNCTIONS	LAYER
	SPLIT
	TWIN PIANO
	TUNE
	TRANSPOSE
	TOUCH (Off, Hard, Normal, Soft)
DSP	3D EFFECT
	REVERB with Adjustable Level Control
	EFFECT with Adjustable Level Control
METRONOME	YES
RECORD	REAL-TIME-RECORDING
	1 TRACK
	MAX. 1,500NOTES
PEDAL	SLP-100 1PEDAL (DAMPER)
	SLP-200/300 3PEDALS(DAMPER, SOSTENUTO, SOFT)
VOLUME CONTROLS	MAIN VOLUME
I/O TERMINALS	MIDI IN/OUT
	USB IN
	2 HEADPHONE JACKS
SPEAKER	5:3 INCHES× 2, 2INCH x 2
POWER	AC ADAPTER
POWER CONSUMPTION	10W
DIMENSIONS (W x D X H)	SLP-100 1380 x 310 x 740 mm
	SLP-200 1415 x 400 x 815 mm
	SLP-300 1382 x 390 x 745 mm
WEIGHT	SLP-100 40KGS
	SLP-200 50KGS
	SLP-300 50KGS
ACCESSORY	OWNER' S MANUAL, AC ADAPTER