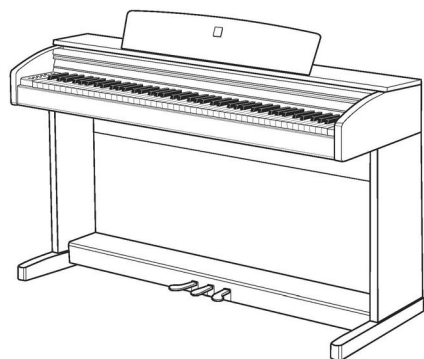
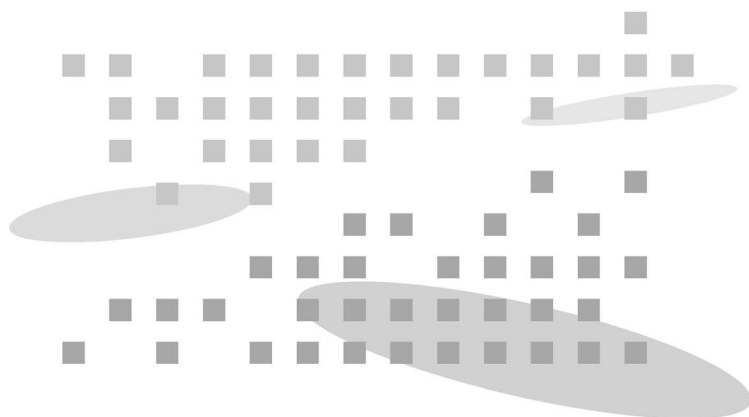


OWNER'S MANUAL



*High Performance Slim Digital Piano **SLP-200H***

Precaution

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 electricity. All information should be read carefully to avoid misuse of the 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 AND 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.

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 in 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.
4. This product should be used only with the stand supplied 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 not be placed close to heat sources such as radiators, fires, 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 interfere with 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 benzene 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 on a flat, stable surface to reduce the chance 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. 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 or more of the following measures:

- Relocate the receiving antenna.
- Increase the distance 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 warranty.

Welcome

Thank you and congratulations on your purchase of a high-performance slim digital piano.

Your new 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.

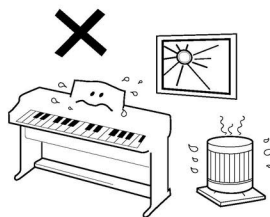
In order to enjoy the features and functions of this unit to their fullest, be sure to carefully read this manual and follow the instructions contained herein.

Contents

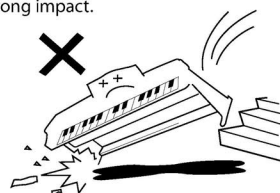
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Care of your Digital Piano

- Avoid heat, humidity or direct sunlight.



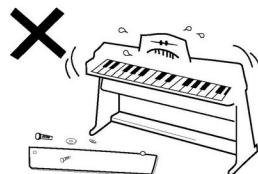
- Take care not to drop the unit and avoid strong impact.



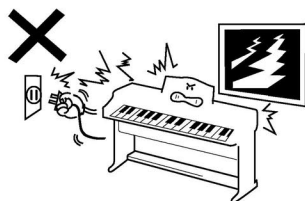
- Keep the unit free from liquids, dust, etc...



- Never attempt to modify any parts of the unit.



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

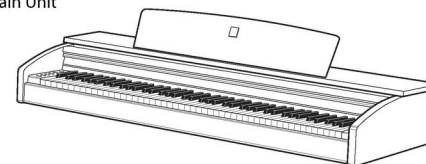


Unpacking

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

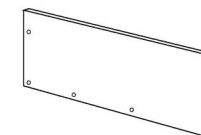
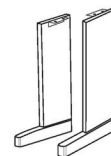


[BOX2] STAND

Right, Left Legs (a, b)

Pedal Board (c)

Back Panel (d)

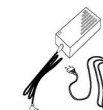


Four Bolts for Main Unit
(g) (M6x15)mm, Black

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

Six Bolts
for Back Panel (h)
(4x22)mm

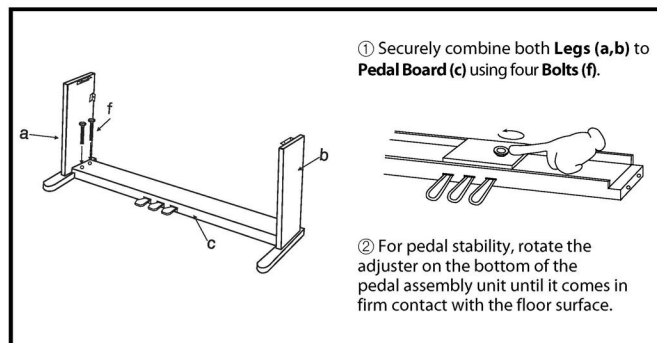
AC Power Adapter



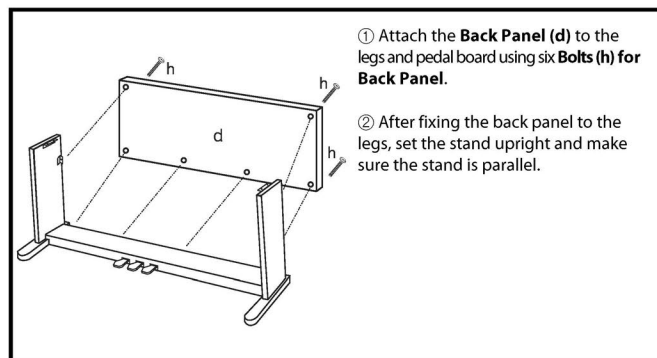
☞ Inspect each item carefully to make sure that it is in good condition. If you find any item missing or damaged, contact the place of purchase immediately for replacement.

Setting Up Your Piano

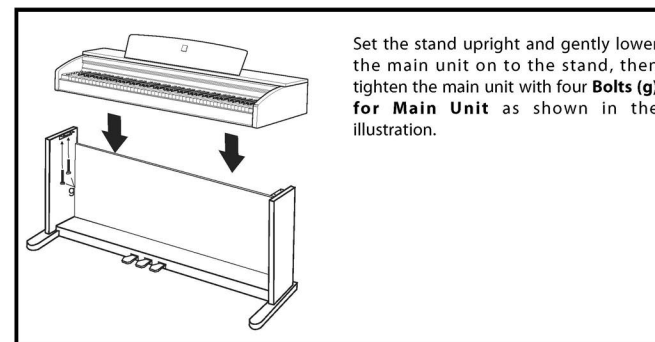
1. Attaching both legs and pedal board assembly



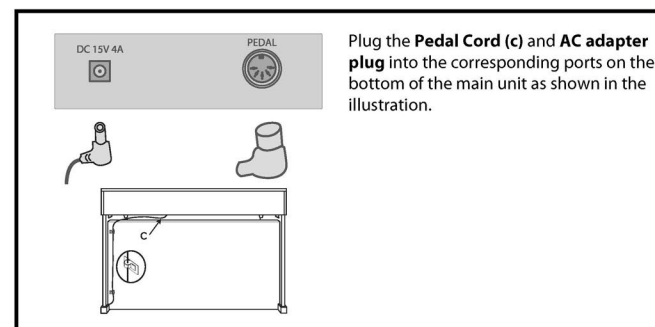
2. Assembling the stand



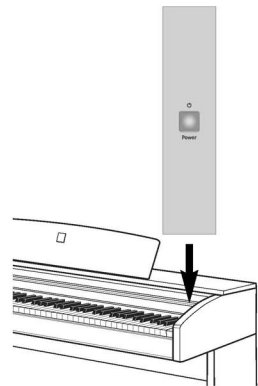
3. Attaching the main unit and stand



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.

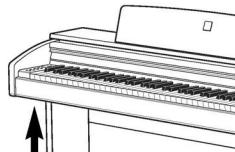
☞ See 'Connecting the pedal cord and AC adapter' on page 9.

② Press the **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.

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

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


Headphones



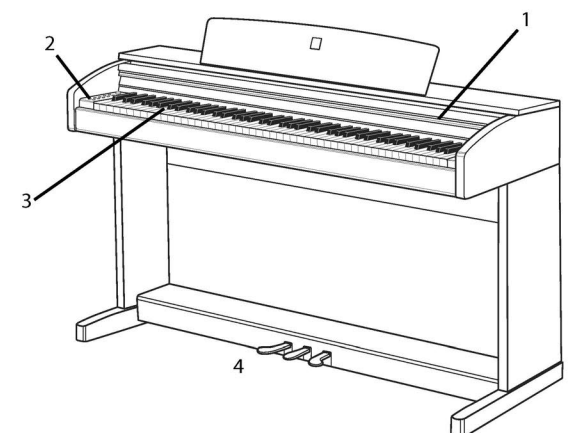
Connect a set of stereo headphones (optional) to **HEADPHONE** jack. Insert plug of the headphone into the **HEADPHONE** jack on the bottom of the main unit.

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

Since the piano has two **HEADPHONE** jacks, two sets of headphones can be used simultaneously, which allows two people to hear the piano.

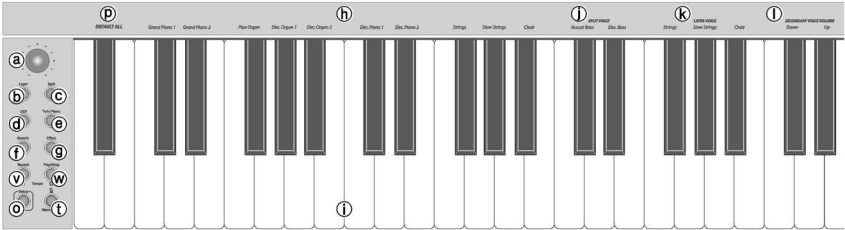


External Appearance



- 1. Keyboard Cover
- 2. Control Panel
- 3. Keyboard
- 4. Pedals
- 5. Stand

Panel Controls and Terminals



VOLUME SECTION

- a MASTER VOLUME Page 14

VOICE SECTION

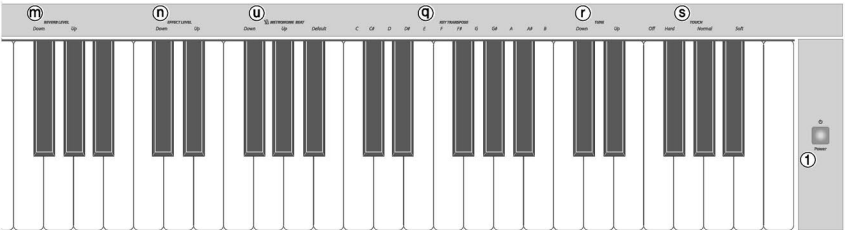
- b LAYER BUTTON Page 18
c SPLIT BUTTON Page 19
d EXV BUTTON Page 20
e TWIN PIANO BUTTON Page 21
f REVERB BUTTON Page 22
g EFFECT BUTTON Page 23
h MAIN VOICE KEYS Page 16
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k LAYER VOICE KEYS Page 18
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m REVERB LEVEL KEYS Page 22
n EFFECT LEVEL KEYS Page 23

FUNCTION SECTION

- o SETUP Button Page 21
p DEFAULT ALL Key Page 21
q TRANSPOSE Keys Page 25
r TUNE Keys Page 24
s TOUCH Keys Page 26
t METRONOME Button Page 27
u METRONOME BEAT Keys Page 27
v w TEMPO UP/DOWN Page 27

RECORDING SECTION

- v RECORD Button Page 28
w START/STOP Button Page 28



POWER

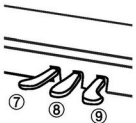
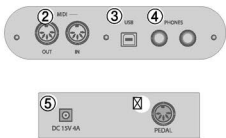
- 1 POWER Page 10

TERMINAL SECTION

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3 USB IN Page 29
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PEDAL SECTION

- 7 SOFT PEDAL Page 15
8 SOSTENUTO PEDAL Page 15
9 DAMPER PEDAL Page 15

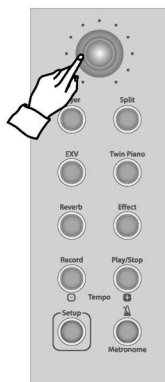


Adjusting the Volume

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

MASTER VOLUME

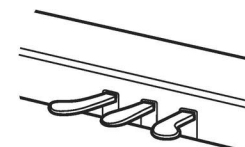
This determines the entire volume of the piano.



ⓘ This also determines the output level of the signal of the headphones.

Using the Pedals

The piano has three pedals.



① Damper Pedal (Right) also known as the Sustain Pedal

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.

- ⓘ 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 (Centre)

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.

- ⓘ When selecting some of voices with EXV function, left pedal may perform a special function. (See the **EXV SECTION** on page 20.)

Selecting Voices

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 realistic drum and percussion sounds directly from the keyboard.

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

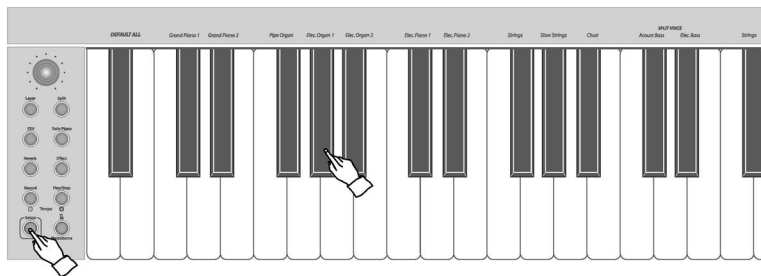
- ✦ **Main Voice**
Grand Piano 1, 2, Pipe Organ, Elec. Organ 1, 2, Elec. Piano 1, 2, Strings, Slow Strings, Choir
- ✦ **Split Voice**
Acoustic Bass, Elec. Bass
- ✦ **Layered Voice**
Acoustic Bass, Fingered Bass, Elec. Bass
- ✦ **Extra Voice**
Grand Piano 3, Detuned Piano, Harpsichord, Vibraphone, Accordion, 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 pages 31~32.)

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

- ✦ The light is on.

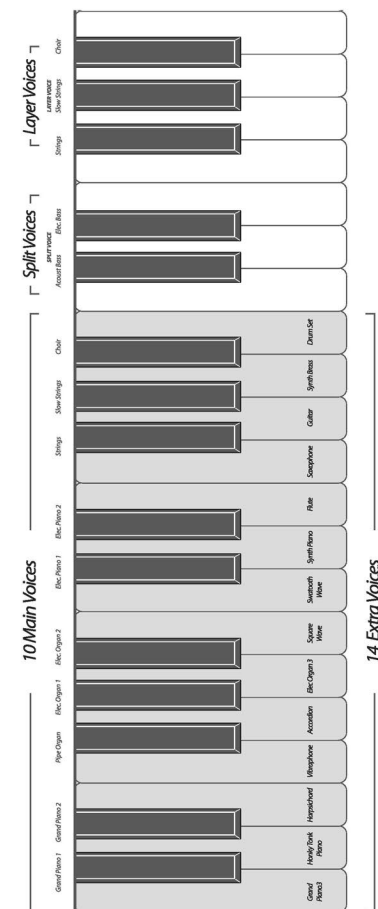
② Select a desired voice.

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



- ✦ Default voice is Grand piano 1.
- ✦ When a split voice or layer voice is selected, layer or split function will automatically turn on. See the **LAYER/SPLIT** section on pages 18~19.

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

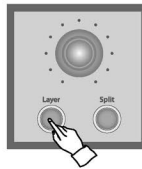
① **Select a main voice.**

Select a voice in the normal way. (See the **SELECTING VOICE** section on page 16.)

② **Call up the layer mode.**

To call up the layer mode, press the **LAYER** button. The button 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 16.)

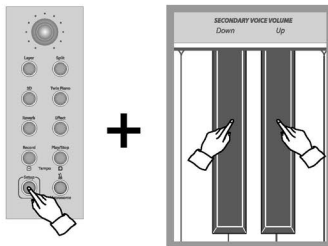
ADJUSTING THE LAYER VOLUME

This determines the volume of the layered voice.

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

⇨ The light 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, it automatically returns to the default secondary volume (11). The volume range 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 hand and piano with the right hand.

PLAYING WITH THE SPLIT VOICE

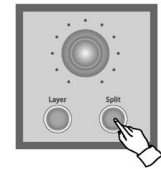
① **Select a main voice.**

Select a voice in the normal way. (See the **SELECTING VOICE** section on page 16.)

② **Call up the split mode.**

To call up the split mode, press the **SPLIT** button. The button 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 16.)

ADJUSTING THE SPLIT VOLUME

See the **LAYER** section on page 18.

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

⇨ The light 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 secondary 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.

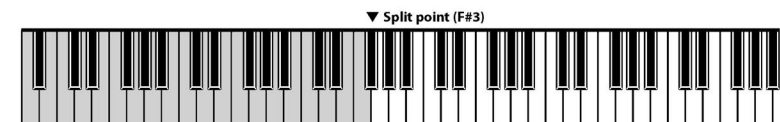
CHANGING THE SPLIT POINT

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 a new split point.

⇨ Default value is F#3.



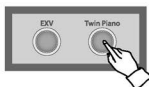
EXV (Expanded Voice)

When play one of 10 main voices with EXV function, the main voice has additional sample layers. The added sound layers make wide dynamic range of performance or deep & rich sound.

Using EXV

Press the EXV button. The EXV function starts.

- ⇒ EXV works with a main voice.
- ⇒ When turning on power, automatically EXV is on. (Default: EXV ON)



EXV List

Voice	Description	REV	EFF
Grand Piano 1	Grand Piano 1 EXV has 8 Layered Touch-Velocity Split and this makes wide performance dynamic range.	O	X
Grand Piano 2	Grand Piano 2 EXV has 6 Layered Touch-Velocity Split and this makes wide performance dynamic range.	O	X
Pipe Organ	Pipe organ EXV has 2 Additional octave sound layers.	O	X
Elec Organ 1	When player touches a key with strong velocity, vibrato effect starts.	O	X
Elec Organ2	When playing a note with left pedal, player gives the chorus effect to organ sound.	O	X
Elec Piano 1	Elec Piano 1 EXV has 3 Layered Touch-Velocity Split and this makes 3 steps dynamic range.	O	X
Elec Piano 2	Elec Piano 2 EXV has Additional octave sound layer.	O	O
Strings	When a note is played with strong velocity, player can add brass voice. When player press the left pedal, the cymbal sound is played.	O	X
Slow Strings	When playing a note with strong velocity, player can add brass voice. When a note is played with strong velocity, player can add a brass voice. When player press the left pedal, the cymbal sound is played.	O	X
Choir	Pipe organ EXV has 2 Additional choir sound layers.	O	X

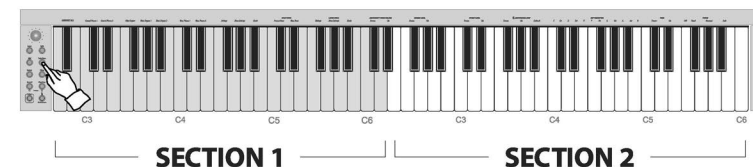
Twin Piano

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 play in the same octave.

PLAYING WITH THE TWIN PIANO

① Press the TWIN PIANO button.

The keyboard splits two sections, which have the same octave.



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

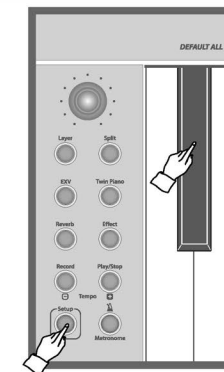
The twin piano performance turns off and the light goes out.

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

Default All

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

- 1) Secondary Voice volume (Default, 11 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)

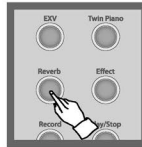


Reverb

Reverb means to have a lasting or continuing effect, an effect that is most noticeable when the sound sources stops, but the reflections continue.

① Press the REVERB button.

- ☞ The reverb turns on and the button lights up.
- ☞ Reverb is automatically on when the power is turned on. The button lights up to show this.



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

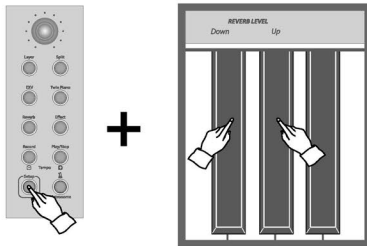
The reverb turns off and the light goes out.

ADJUSTING THE REVERB LEVEL

① Press and hold the SETUP button.

- ☞ The light 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, it automatically returns to the default reverb level (11).
The range is 0 ~ 16.
- ☞ Hold the key for continuous decrementing or incrementing.

Effect

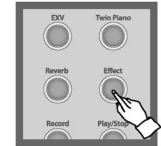
The effect adds more depth to the selected keyboard voices.

① Press the EFFECT button.

- ☞ The effect turns on and the button lights up.
- ☞ When turning on the 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 light goes out.

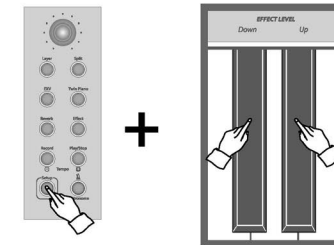


ADJUSTING THE EFFECT LEVEL

① Press and hold the SETUP button.

- ☞ The light 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, it automatically returns to the default effect level (11).
The range is 0 ~ 16.
- ☞ Hold the key for continuous decrementing or incrementing.

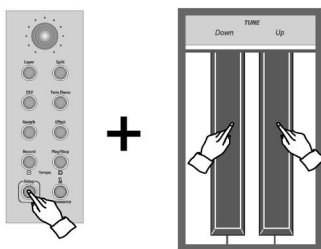
Tune

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 light is on.

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



- ⇨ When pressing up or down key, the piano makes 'C' sound and you can hear the adjusted pitch.
- ⇨ If you press both **UP** and **DOWN** keys at the same time, it automatically returns to the default value.
- ⇨ **Range** A4 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** A cent is a unit of pitch equal to 1/100 of a semitone.
- ⇨ Hold the key for continuous decrementing or incrementing.

Transpose

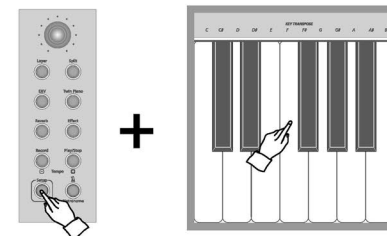
The Transpose function makes it possible to shift the pitch of the keyboard up or down in semitone increments, allowing you to match the pitch of the keyboard to the range of other instruments or singers, or letting you easily play in a different key without having to change your fingering.

For example, if the Transpose is set to 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 light is on.

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



- ⇨ **Default value:** C key
- ⇨ **Range:** 12 semitones (G \sim C \sim F#)

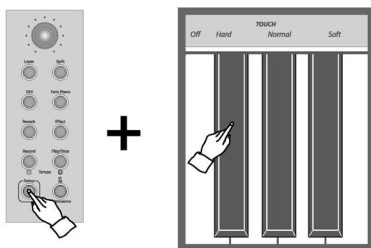
Touch

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 light is on.

② Set a desired touch by pressing one of the 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 quit strongly to produce maximum loudness.

Using The Metronome

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

① **START/STOP of Metronome**

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

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

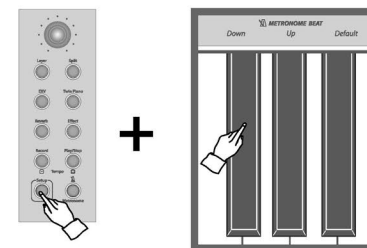
② **Adjusting Tempo of the Metronome**

You can set the tempo over a range of 40 ~ 250 beats per minute 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 the 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 button lights up.

② Start recording

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

③ Stop recording

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

④ Playback the recorded song

Press the **START/STOP** button again in the record mode.

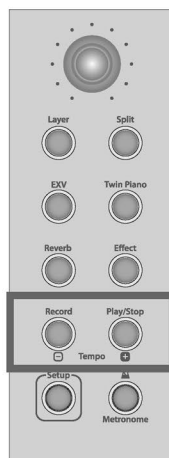
The recorded song is played.

The play/stop light flashes and the record button lights up.

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

⑤ Return to the normal mode

Press the **RECORD** button. The Record light turns off.



MIDI & USB MIDI



① 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.

② 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 you 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 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 turn 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.

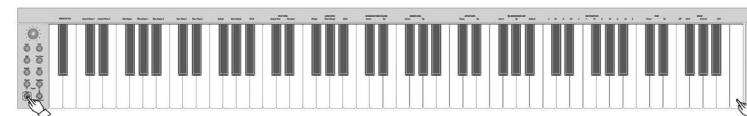
- Quit any open application software on the computer.
- Make sure that data is not being transmitted from the instrument. (Data is transmitted only by playing notes on the keyboard or playing back a song.)
- While a USB device is connected to the instrument, you should wait for six seconds or more between 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 (C8) key**.

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

✎ We recommend to turn power off an on, 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 kkvv	O	O	#kknote ON (0-127) #vvvelocity (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 vv	O	X	Reverb Prog.(vv=00H-70H)
	81 BnH 51H vv	O	X	Chorus Prog.
	91 BnH 5BH vv	O	X	Reverb Send Level
	93 BnH 5DH vv	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 Piano 1	069	Oboe
006	Electric Piano 2	070	English Horn
007	Harpischord	071	Bassoon
008	Clavinet	072	Clarinet
009	Celeste	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	Bandoneon	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	Blow 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	Shamisen
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
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 drum 2/Jazz BD2
36 - C2	Kick drum 1/Jazz BD1
37 - C#2	Side Stick
38 - D2	Snare Drum 1
39 - D#2	Hand Clap
40 - E2	Snare Drum 2
41 - F2	Low Floor Tom
42 - F#2	Closed Hi-Hat [EXC1]
43 - G2	High Floor Tom
44 - G#2	Pedal Hi-Hat [EXC1]
45 - A2	Low Tom
46 - A#2	Open Hi-Hat [EXC1]
47 - B2	Low-Mid Tom
48 - C3	Hi-Mid Tom
49 - C#3	Crash Cymbal 1
50 - D3	High Tom
51 - D#3	Ride Cymbal 1
52 - E3	Chinese Cymbal
53 - F3	Ride Bell
54 - F#3	Tambourine
55 - G3	Splash Cymbal
56 - G#3	Cowbell
57 - A3	Crash Cymbal 2
58 - A#3	Vibraslap
59 - B3	Ride Cymbal 2
60 - C4	Hi Bongo
61 - C#4	Low Bongo
62 - D4	Mute Hi Conga
63 - D#4	Open Hi Conga
64 - E4	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]
72 - C5	Long Whistle [EXC2]
73 - C#5	Short Guiro [EXC3]
74 - D5	Long Guiro [EXC3]
75 - D#5	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	

Troubleshooting

Troubleshooting

※ Be sure to check to 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	HIGH PERFORMANCE 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. 6,500 NOTES
PEDAL	PEDALS (DAMPER, SOSTENUTO, SOFT)
VOLUME CONTROLS	MAIN VOLUME
I/O TERMINALS	MIDI IN/OUT USB IN 2 HEADPHONE JACKS
SPEAKER	5:3 INCH x2, 2 INCH x 2
POWER	AC ADAPTER
POWER CONSUMPTION	10W
DIMENSIONS (W x D x H)	1415 x 400 x 815 mm
WEIGHT	50KGS
ACCESSORIES	OWNER'S MANUAL, AC ADAPTER