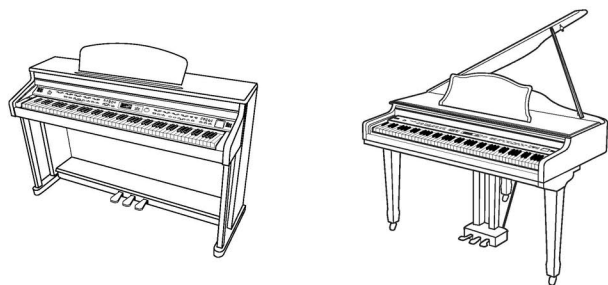
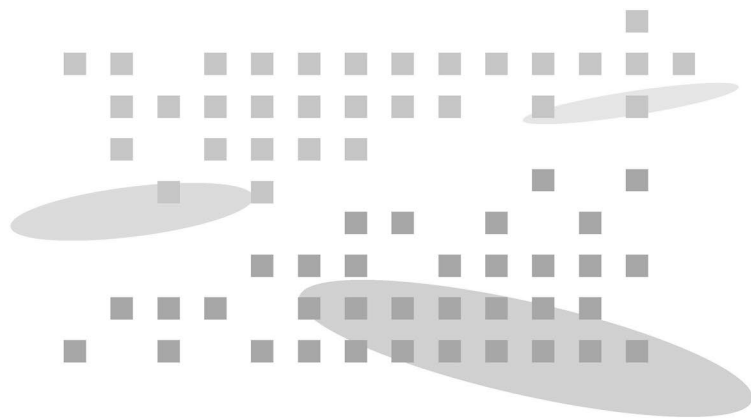


OWNER'S MANUAL



High Performance Moving keys Digital Piano

UPRIGHT PIANO VPR3000

GRAND PIANO VGP3000

New feel, new look and new sound

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.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electric products, basic precautions 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.
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 positioned so that its location does not interfere with its proper ventilation.
7. The product should be positioned away from heat sources such as radiators, heat registers, or other products that produce heat.
8. The product should only be connected to the type of power supply 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 openings of the enclosure.
12. The product should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged;
 - B. Objects have fallen, or liquid has been spilled into the product;
 - C. The product has been exposed to rain;
 - D. The product does not appear to operate normally or exhibits a marked change in performance;
 - E. The product has been dropped, or the enclosure damaged.
13. Do not attempt to service the product beyond what is described in the user maintenance instruction. All other servicing should be done by 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 positioned away from a television, radio, or any heavy equipment that can generate electromagnetic fields.
16. The product should be located on a flat, stable surface that is 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 is 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. 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.

GROUNDING INSTRUCTIONS

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a power supply cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

DANGER - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Do not modify the plug provided with the product - if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use an adapter which defeats the function of the equipment-grounding conductor. If you are in doubt as to whether the product is properly grounded, check with a qualified serviceman or electrician.

Welcome...

Thank you and congratulations on your purchase of the **High-Performance moving keys DIGITAL PIANO**. Your new DIGITAL PIANO delivers various specifications. Sharing much in common with high-end models, your piano offers moving keys system, 128-polyphony, new Advanced Real Hammer Action keyboard (ARHA3), useful external memory (SD Card) slot, USB MIDI interface and hundreds of additional sounds and rhythm styles.

Your 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.

MAIN FEATURES

128 Voices

A wide selection of tones includes stereo piano and synthesized sounds, drum sets, and much more. Other features include digital effects that control the acoustical characteristic of tones.

Moving Keys

As a step towards providing even more musical pleasure, the piano features newly developed keyboard movement mechanism. This function is operated with the VP player, the SMF player and the recorded song player.

VP PLAYER System

Piano comes with over 1000 VP music tunes. You can playback the VP tunes for your own listening pleasure, or you can use them for practice.

SMF PLAYER System with SD Memory Card

Piano can playback Standard MIDI file. Simply download SMF into your SD card via your PC. You can listen the downloaded SMF on your piano.

Auto Accompaniment

Simply play a chord and the corresponding rhythm, bass, and chord parts play along automatically.

Registration Memory

Piano setups can be stored in memory for later recall and instant settings whenever you need them.

Recording and Play Back

Performance recording lets you record your performances, including Auto Accompaniment, in real time.

USB port

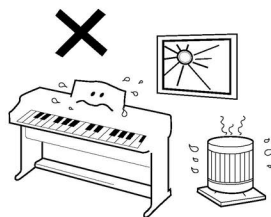
A USB port provides quick and easy connection to a computer.

Contents

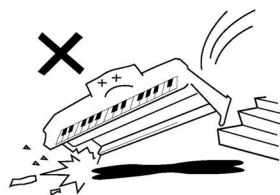
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Care of your Digital Piano

- Avoid heat, humidity or direct sunlight.



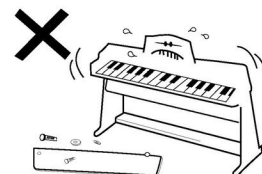
- Take care not to drop the unit and avoid strong impact.



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



- Never attempt to modify any parts of the unit.

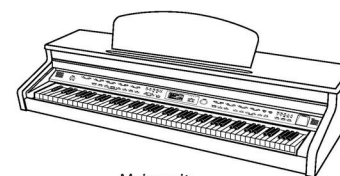


- During thunderstorms, turn the product off and disconnect the plug from the power.



Unpacking (Upright Piano)

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



Main unit



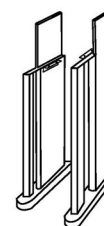
Remote Control



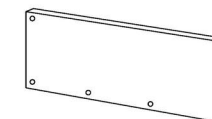
SD Card



Owner's Manual



Right, Left Legs (a, b)



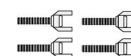
Rear Plate (d)



Pedal Box (c)



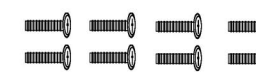
Power Cord



Four Bolts for Main Unit
(g) (M6× 15)mm



Two Bolts for Rear Plate
(h) (4× 22)mm



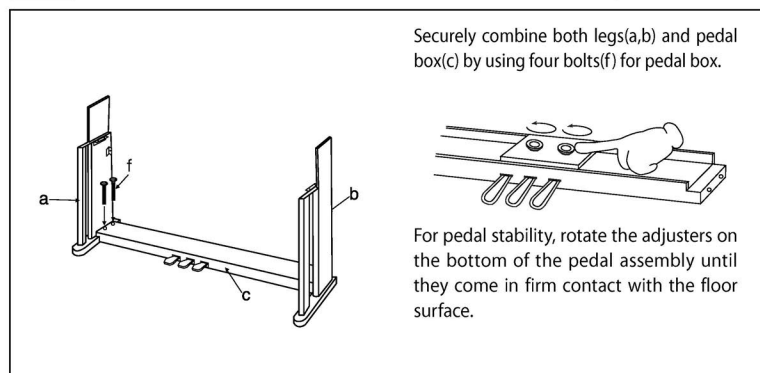
Eight Bolts
for Pedal Box and Rear Panel
(f) (6× 24)mm



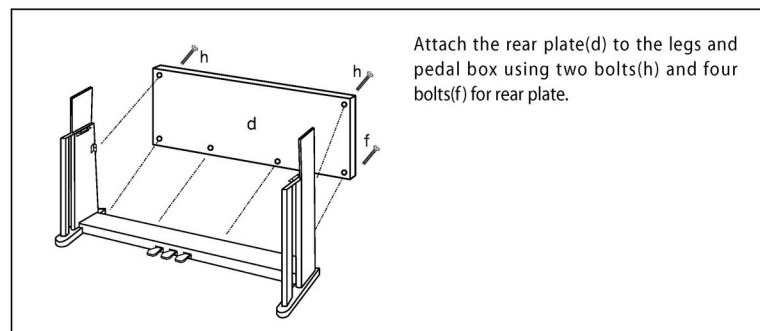
Inspect each item carefully to make sure that it is in good condition. If you find any item missing or damaged, contact the place of purchase immediately for replacement.

Assembling Your Piano(Upright Piano)

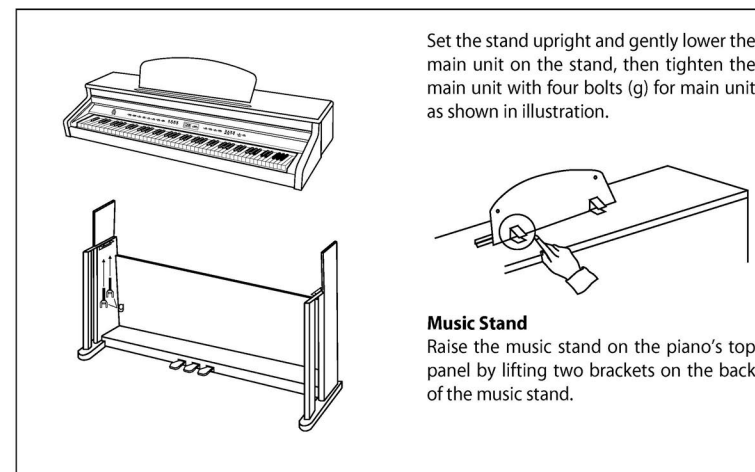
1 Attaching the both legs and pedal box assembly



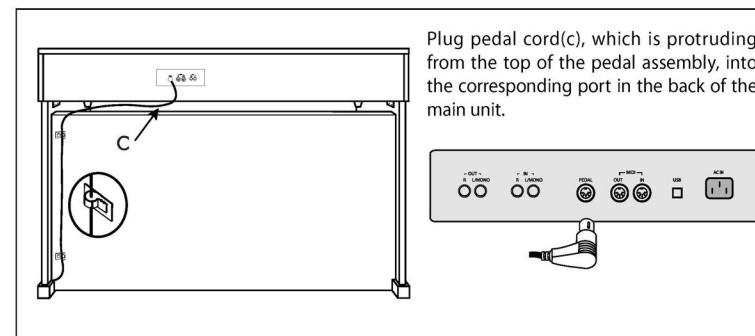
2 Assembling the stand



3 Attaching the main unit and stand

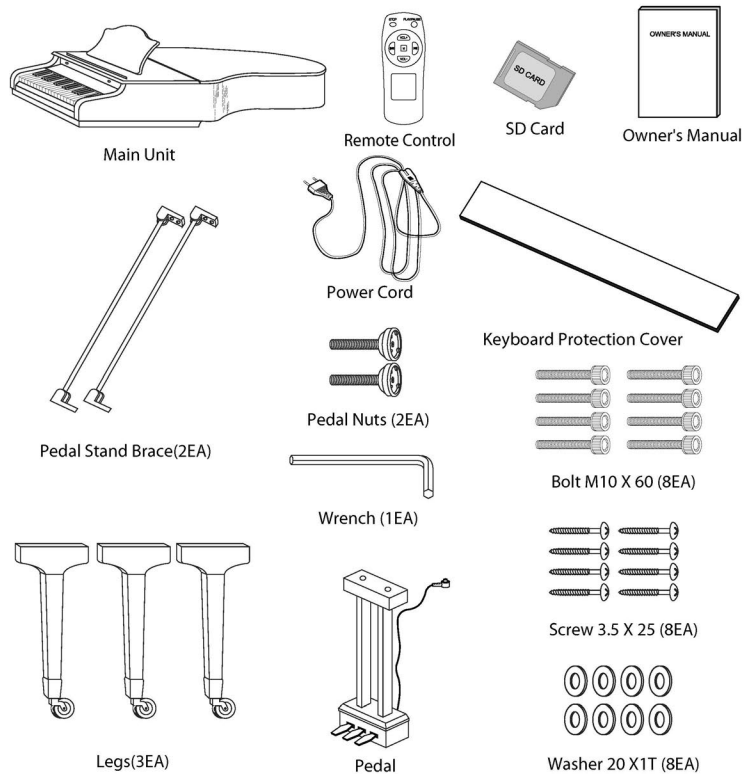


4 Connecting the pedal cord



Unpacking (Grand Piano)

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



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.

Assembling Your Piano (Grand Piano)

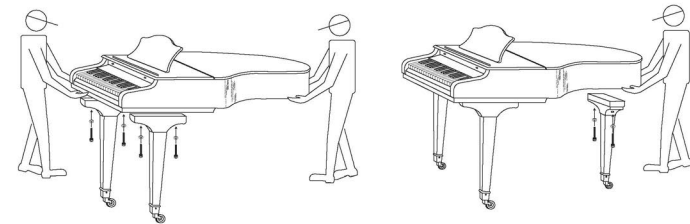
- ⇒ To reduce the risk of injury, The Digital Piano should be assembled by qualified service personnel.
- ⇒ Take care not to drop the unit and avoid strong impact.

1

Attaching the main unit and three legs.

The first, Set the both legs upright and hang the both legs at the main unit, then tighten the main unit with four bolts for main unit as shown in the illustration.

After fixing the both legs to the main unit, the remainder leg upright and hang the leg at the main unit, then tighten the main unit with two bolts for main unit.

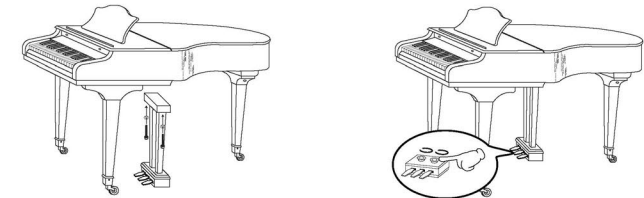


2

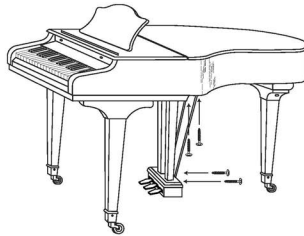
Attaching the main unit and pedal stand assembly

Set the pedal stand assembly upright and securely attach the pedal stand assembly and the main unit assembly by using two bolts.

For pedal stability, rotate the adjuster on the bottom of the pedal stand assembly until it comes in firm, contact with the floor surface.



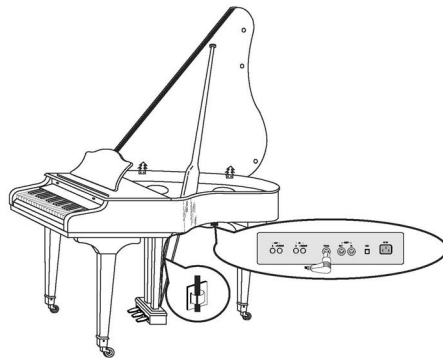
Attach the pedal stand brace to the main unit and pedal stand assembly using four screws. Make sure the screws are securely tightened.



3

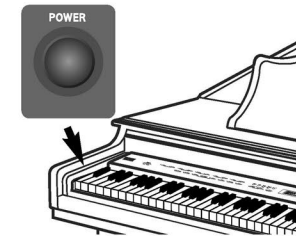
Connecting the Pedal Cord

Plug the Pedal Cord which is protruding from the top of the pedal assembly into the corresponding port in the bottom of the main unit.



Setting Up Your Piano

TURNING ON THE POWER



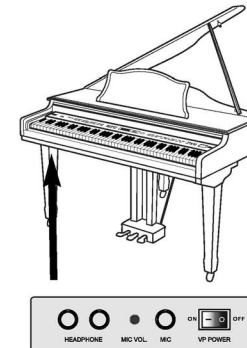
③ Connecting the power cord. Insert the plug at the ends of cord, one into AC inlet on the rear panel of the piano, and other into a standard AC outlet.

④ Press **POWER** switch. The power is turned on and the initial display appears in the **LCD** screen. The voice of Grand Piano 1 and the accompaniment style of Pop1 are selected automatically at first.

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

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

HEADPHONE & MIC



Connect a set of stereo headphones(optional) to **HEADPHONE jack** (standard 1/4" phone jacks).

Insert the headphone plug into the **HEADPHONE 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 **HEADPHONE jacks**, two sets of headphones can be used simultaneously, allowing two people to enjoy listening to the performance.

By connecting a microphone to the **MIC jack** (standard 1/4" phone), you can enjoy singing along with your own performance or with SMF playback. The sound input from the microphone is output through the piano's speakers. The microphone volume can be adjusted with the **MIC VOL.** dial.

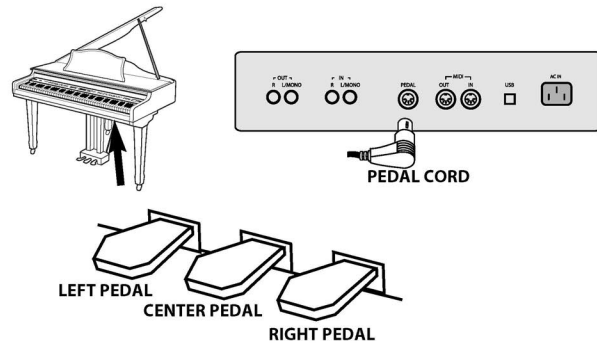
VP POWER SWITCH



If you don't need playback of player, turn off the **VP POWER**.

If the power is off, the **moving keys function** doesn't operate.

CONNECTING THE PEDAL



Connecting the pedal cord.

Insert the pedal plug into the pedal connector on the bottom panel of the piano.

RIGHT PEDAL (Damper Pedal)

With piano tones, depressing the pedal causes notes to linger, much like a piano's damper pedal. With organ tones, depressing the pedal causes notes to continue to sound until the pedal is released.

CENTER PEDAL (Sostenuto Pedal)

As with the sustain pedal function described above, depressing the sostenuto pedal causes notes to be sustained. This difference between a sostenuto pedal and sustain pedal is the timing. With a sostenuto pedal, you press the keys and then depress the pedal before you release the keys.

Only the notes that are sounding when the pedal is depressed are sustained.

LEFT PEDAL (Assignable Pedal)

This pedal can be assigned to one of following functions. (see the **PEDAL** section on page 39)

- 1) **Soft Pedal (Default)** Depressing the pedal softens the sound of the notes being played.
- 2) **Rhythm Fill1/Synchro Start Pedal** In this case, the pedal performs the same function as the **Fill1/Synchro** button.
- 3) **Rhythm Fill2/Synchro Start Pedal** In this case, the pedal performs the same function as the **Fill2/Synchro** button.
- 4) **Rhythm Variation Pedal** In this case, the pedal performs the same function as the **Variation** button.
- 5) **Rhythm Start/Stop Pedal** In this case, the pedal performs the same function as the **Start/Stop** button.
- 6) **Rhythm Intro/Ending Pedal** In this case, the pedal performs the same function as the **Intro/End** button.
- 6) **Rhythm Fade Pedal** In this case, the pedal performs the same function as the **Fade** button.
- 7) **SETUP function Pedal** In this case, the pedal performs the same function as the **SETUP** button.

BOTTOM PANEL



CONNECTING AUDIO DEVICES

(a) Line out jacks (Standard phone jacks of L/Mono and R)

When these are connected, you can use the instrument's **MASTER VOLUME** control to adjust the volume of the sound output to the external device. Connect the instrument's **Line Out 'L/Mono'** and **'R'** jacks and the input jacks of a pair of powered speakers using appropriate audio cables. Use only the **L/Mono** jack for connection with a monaural device.

(b) Line in jacks (Standard phone jacks of L/Mono and R)

The stereo outputs from another instrument can be connected to these jacks, allowing the sound of an external instrument to be reproduced via the instrument's speakers. Connect the output jacks (LINE OUT etc.) of an external synthesizer or the tone generator module and the instrument's **Line In 'L/Mono'** and **'R'** jacks using appropriate audio cables.

CAUTION

When the sound of an external device is output to the instrument, first turn on the power to the external device, then to the instrument. Reverse this order when you turn the power off.

CONNECTING OTHER DEVICES

(c) 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.

(d) 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 - 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.

Panel Controls and Terminals



VOLUME SECTION

a MASTER VOLUME Page 19

STYLE SECTION

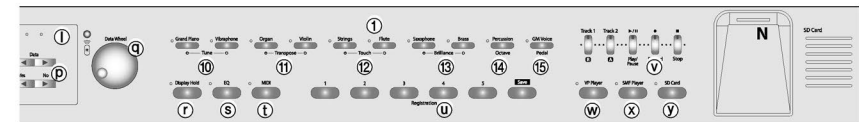
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 c AUTO ACCOMP. Page 45
 d START/STOP Page 44
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n Multi Function LCD Display Page 18
 o SETUP
 p DATA CONTROL buttons
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PLAYER SECTION

v RECORD CONTROL buttons Page 49
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VOICE SECTION

① VOICE buttons Page 25
 ② LAYER Page 27
 ③ LAYER VOLUME Page 27
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 ⑨ CHORUS DEPTH Page 35
 ⑩ TUNE Page 37
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 ⑬ BRILLIANCE Page 39
 ⑭ OCTAVE Page 39
 ⑮ PEDAL Page 39

PEDAL

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 B SOSTENUTO PEDAL Page 14
 C ASSIGNABLE PEDAL Page 14

POWER

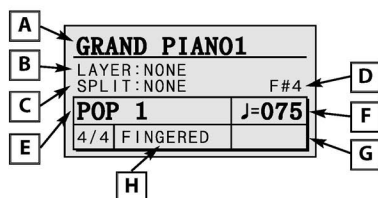
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TERMINAL SECTION

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 H MIC & MIC VOLUME Page 13
 I LINE OUT Page 15
 J LINE IN Page 15
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 L MIDI IN/OUT Page 13
 M USB Page 13
 N SD CARD IN Page 20

Performance Screen

When you first turn on your piano. The power up status screen briefly appears in the display followed by the Performance Screen. The performance screen shows you all of the most important playing parameters.



A Main Voice

This shows the selected main voice. There are preset 128 voices in this piano.

B Layer Voice

This shows the selected layer voice.

C Split Voice

This shows the selected split voice.

D Split Point

When using the auto-accompaniment or the split, the keyboard splits on this point.

E Rhythm

This shows the selected rhythm style. There are 80 available rhythm styles.

F Tempo

G Name of the Chord you specified for the Auto-Accompaniment

Example) C, Fm, G

H Auto-Accompaniment mode

This shows the selected auto-accompaniment mode.

NOTE

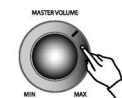
When the performance screen or a value is changed, the tempo may go slow.

Adjusting the Volume

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

MASTER VOLUME

This determines the entire volume of the piano.



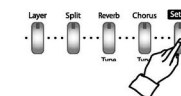
⇨ This also determines the volume level of the **HEADPHONE(s)**.

ACCOMPANIMENT VOLUME

This determines the playback volume of the auto-accompaniment volume.

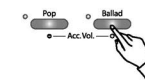
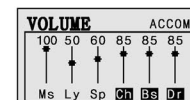
① Call up the SETUP mode.

Press and hold down the **SETUP** button. The setup pop-up appears in the LCD screen.



② Adjust the accompaniment volume.

Adjust the accompaniment volume by using the **ACCOMP VOLUME UP** and **DOWN** buttons.



⇨ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **ACCOMP VOLUME UP** and **DOWN** buttons in the volume pop-up display.

⇨ If you press both **VOLUME UP** and **DOWN** buttons at the same time automatically return to the default accompaniment volume(85).

⇨ The range of volume is 0 ~ 100.

⇨ Hold the button for continuous decrementing or incrementing.

⇨ It's available to adjust each part volume of accompaniment independently.

Press the **YES** button on the accomp pop-up display.

The cursor moves on each part(or all parts) of the accompaniment.

When pressing accomp volume up or down button, only the selected part volume is adjusted.

③ Return to the play mode.

Release the **SETUP** button.

VP Player

Your piano comes with over 1000 VP tunes. You can playback VP player music for your own listening pleasure, or you can use them for practice.

a Insert the bundle SD memory card into the SD card slot on the piano.

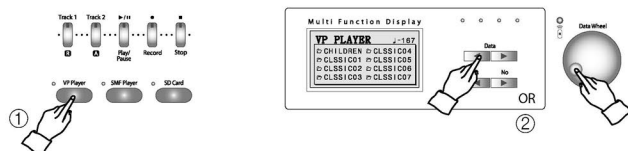


- ✎ The VP player does not work without the SD memory card that has system data.
- ✎ For using the VP player, the SD memory card should have system data.
- ✎ Use the bundle SD card ※The bundle SD memory card has system data.
- ✎ When using a new SD card or when VP player does not work, you need to install the system data into the SD memory card.
- ✎ **Install system data into an SD memory card**
 - 1) Format the SD memory card on your PC. (FAT32)
 - 2) Download the SYSTEM INSTALL program at our website www.dynatone.biz
 - 3) Install the downloaded program into your SD memory card on your PC.
- ✎ **Supported SD memory cards:** This piano does not support the **High Speed SD memory card 'SD HC'**
- ✎ We recommend to use only an SD memory card with this piano. Proper operation is not guaranteed when any other types of card use.

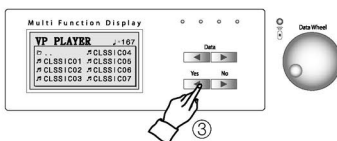
- ✎ Be sure to orient the SD memory card correctly when inserting it.
- ✎ Never try to force an SD memory card into the SD card slot when you feel resistance.
- ✎ Never remove the SD memory card from the card slot or turn off the piano while card data is being accessed by a save, read or load operation. Doing so can corrupt the data on the memory card or even damage the card slot.

b Select a VP player music group.

Press the **VP PLAYER** button. (The pop-up display shows music groups and the lamp of the VP player button will be on.) Choose the desired music group by using **DATA** buttons or **DATA** wheel and the **YES** button. Then the pop-up display shows the VP music list in the selected music group.

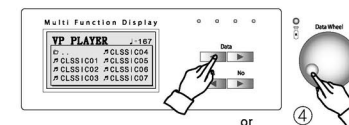


- ✎ There are 23 VP groups such as Classical, Jazz, Holiday's, Gospel and etc. in your piano and each group has 20 ~ 50 VP tunes.
- ✎ See the **VP PLAYER MUSIC LIBRARY** on page 60.
- ✎ 'c' means **Group** and 'n' means **VP tune**.
- ✎ The display hold button doesn't work in the VP player mode.
- ✎ Instead of the **DATA UP** and **DOWN** buttons, you can use the **DATA** wheel.



c Choose the desired music in the selected VP music group.

Choose the desired music by pressing the **DATA** buttons or **DATA** wheel on the VP music pop-up screen.



- ✎ 'c' means **Group** and 'n' means **VP tune**.
- ✎ To go to the VP music group pop-up display, press the **NO** button or select 'c' and press the **YES** button.

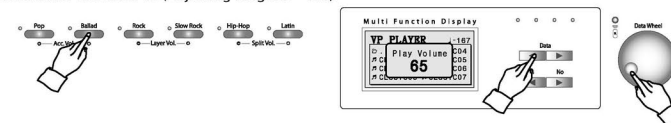
d Start playback of the selected music.

Press the **PLAY/PAUSE** button. Playback of the selected music will start.



e Adjusting volume of the music. (Same as Adjusting the accomp volume.)

Adjust volume by using the **ACCOMP VOLUME UP** and **DOWN** buttons. The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **ACCOMP VOLUME UP** and **DOWN** buttons on the volume pop-up display. The default volume is 65 (Adjusting range: 0 ~ 100).



f Adjusting Tempo of the music.

Each VP tune has its default tempo. When starting playback of a music, tempo of the demo music is set to default tempo. Tempo can be changed during playback of the music by using the **TEMPO UP** or **DOWN** button.

- 1) When repeating a demo music, tempo goes to the default tempo.
- 2) If you press both the **TEMPO UP** and **DOWN** buttons, tempo is set to default tempo.

g Repeat playback of a tune.

Press the **TR1/R** button during playback of the music. After finishing of the selected music, playback of the same music will start automatically again.

h Playback of ALL tunes.

Press the **TR1/A** button during playback of the music. After finishing of the selected music, playback of the next music will start automatically.

⑧ **Stop playback of a music.** Press the **STOP** button.

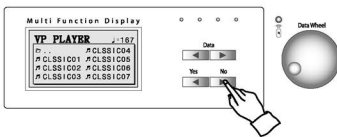
✎ When pressing the **STOP** button, the Repeat and the ALL options will be off.

⑨ **Change the VP music group.**

Press down the **NO** button on VP music tune pop-up.

Then the VP music group will be displayed on the screen.

Choose the VP music group by using the **DATA UP** and **DOWN** buttons and press the **YES** button.



✎ Instead of the **NO** button, it's possible to go to the pop-up displays VP music group.

Go to 'D...' by using **DATA** buttons or **DATA** wheel and press the **YES** button on the VP music tune pop-up, the screen displays VP music group pop-up.

⑩ **EXIT the VP player.**

Press the **VP PLAYER** button. The pop-up display shows the main menu.

The piano returns play mode.

✎ When returning to play mode, piano will be set same as before starting the VP player mode.

PLAYBACK OF THE VP MUSIC WITH MOVING KEYS

As a step towards providing even more musical pleasure, the piano features newly developed keyboard movement mechanism. The moving keys function can be operated with the VP Player, the SMF player or the Record function.

① **Turn on the VP POWER switch in the headphone box.** (see the **VP POWER SWITCH** section page 13.)

② **Select the moving keys channel.** (see the **MOVING KEYS CHANNEL** section page 23.)

To call up the moving keys pop-up display, press and hold the **SETUP** button and press the **VP PLAYER** button. In the moving keys pop-up display, select the desired moving keys channel by using **DATA UP** and **DOWN** buttons.

Channel Option	Description
Auto (Default)	When a MIDI channel includes voice Grand Piano 1 (Program #0) or MIDI control 29, automatically the MIDI channel is set as the moving key Channel.
Manual Ch 1~ Ch16	Piano moves keys as the notes of the selected MIDI Channel.
Off	Piano Playbacks a VP music without moving keys.

✎ When turning on the piano, the moving keys channel of the VP player is set **AUTO**. (Default value is 'AUTO') So, even if you don't select any option, the VP player will work with moving keys.

✎ The selected MIDI channel doesn't have any note events in the manual option, the player playbacks the music without moving keys.

✎ If pressing the **YES** In the moving key pop-up display, the cursor go to next player menu. If press the **NO** button, the display returns to the main performance screen.

✎ **NOTE** When using the VP player with moving keys, the piano does not make sound by playing keyboard.

③ **Start playback of the VP music.**

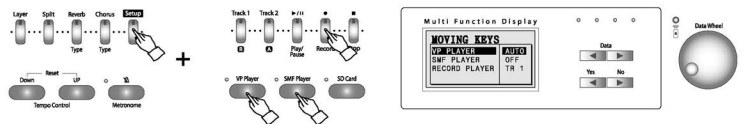
Start playback of the VP music in the normal way. (see the **VP PLAYER** section on page 20.)

Moving Keys Channel

The moving keys function is operated with the VP Player, the SMF player or the Record function. It's available to independently set a moving keys channel of each players.

④ **Call up the moving keys pop-up display.**

Press and hold the **SETUP** button and press the **VP PLAYER** button, the **SMF PLAYER** button, or the **RECORD** button. The moving keys pop-up display appears.



⑤ **Select the moving keys channel.**

Moving key channel can be changed by using the **DATA UP** and **DOWN** buttons.

✎ If pressing the **YES** In the moving key pop-up display, the cursor go to next player menu. If press the **NO** button, the display returns to the main performance screen.



✎ **MOVING KEYS CHANNEL OPTION OF THE VP PLAYER**

Channel Option	Description
Auto (Default)	When a MIDI channel includes voice Grand Piano 1 (Program #0) or MIDI control 29, automatically the MIDI channel is set as the moving key Channel.
Manual Ch 1~ Ch16	Piano moves keys as the notes of the selected MIDI Channel.
Off	Piano Playbacks a VP music without moving keys.

✎ **MOVING KEYS CHANNEL OPTION OF THE SMF PLAYER**

Channel Option	Description
Auto	When a MIDI channel includes voice Grand Piano 1 (Program #0) or MIDI control 29, automatically the MIDI channel is set as the moving key Channel.
Manual Ch 1~ Ch16	Piano moves keys as the notes of the selected MIDI Channel.
Off (Default)	Piano Playbacks an SMF without moving keys.

✎ **MOVING KEYS CHANNEL OPTION OF THE RECORD PLAYER**

Channel Option	Description
TR 1	Piano moves keys of the recorded notes of the track 1.
TR 2	Piano moves keys of the recorded notes of the track 2.
Off (Default)	Piano Playbacks a recorded music without moving keys.

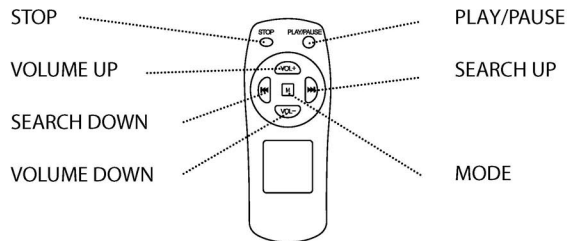
Piano does not move the key in the layered voice channel, the split voice channel, and accompaniment channels, even if the recorded track has these data.

✎ **NOTE**

When using above players with moving keys, the piano does not make sound by playing keyboard.

Using Remote Control

The VP player can be controlled by the remote control.



- a** Insert the SD memory card into SD card inlet on right side of the control panel.
- b** Press and hold the STOP button until hearing a click sound.
 - ✦ After click sound, you can hear a bell sound.
 - ✦ When the piano go to the VP player mode or escapes from this mode, the piano makes the bell sound.
- c** Select a desired song by using the SEARCH UP/DOWN buttons.
- d** Press the PLAY/PAUSE button, to hear the selected tune.
 - ✦ 'G' means **Group** and 'P' means **VP tune**.
 - ✦ If you select a music group and press the PLAY/PAUSE button, You can select a VP music file in the selected music group.
 - ✦ You can adjust volume of the music by using the VOL- and VOL + buttons.
- e** Repeat music
 - ✦ Press the **M** button until lighting the Lamp on the **Track1/R** button. Playback of the selected tune repeats.
- f** Play all music
 - ✦ Press the **M** button until lighting the Lamp on the **Track2/A** button. Piano playbacks all tunes in the group.
- g** To stop playing the music, press the stop.
- h** To escape the VP player, Press and hold the stop button, until hearing click sound.

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, percussion sounds, and various effect sounds directly from keyboard.

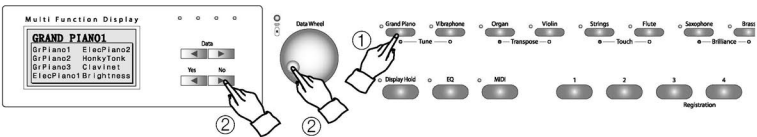
Voice Types

- ✦ 80 Sounds with GM 128 Voice Sounds
- ✦ 7 Drum kits
- ✦ 1 Sound Effect set

The voices of the piano are assigned to 10 voice select buttons. Each button is assigned to an upper voice and lower voice.

a Select a Voice.

Select the desired voice by pressing the appropriate **VOICE** button.



- ✦ Piano has total 9 voice groups and each voice group has 8 voices.
- ✦ When pressing a **VOICE** button, the pop-up display shows the selected voice for 3 seconds in the voice group.
- ✦ While the voice pop-up display shows, you can select one of eight voices of the selected voice group by pressing the **VOICE** button. Also, the voice can be selected by pressing **DATA** buttons or **DATA** wheel.
- POP-UP Display**
The pop-up display returns to the main menu after 3 seconds.
- DISPLAY HOLD**
If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display continuously.
- Backing Up the Selected Voice.**
The last selected voice in each button will be retained in memory.

VOICE LIST

Piano	VIB.	Organ	Flute	Violin	Strings	Brass	Sax.	Perc.
Piano 1	Vibraphone	PipeOrgan	Flute	Violin	Strings	Brass	TenorSax	Standard
Piano 2	Marimba	Organ 1	Clarinet	Cello	SlowStr.	SynthBr.	AltoSax	Room
Piano 3	Xylophone	Organ 2	Oboe	Harp	TremoloStr.	SynthBr.	BartoneSax	Power
E.Piano 1	Celesta	Organ 3	Square	Guitar	PizzicatoStr.	Trumpet	EnglishHorn	Elec
E.Piano 2	Glocken	Accordion	Sawtooth	SteelGuitar	SynthStr.1	Trumbone	Bassoon	TR808
HonkyTonk	Music Box	ReedOrgan	Calliope	JazzGuitar	SynthStr.2	MutedTrpt	AcouBass	Brush
Hapsichord	Tubel	Hamonica	Fantasia	DriveGuitar	Choir	SynthVoice	FingerBass	Orchestra
Clavinet	Dulcimer	Bandonion	HaloPad	ElecGuitar	Voice	Brightness	SynthBass	SFX

b Play the selected voice.

Adjust the volume by using **MASTER VOLUME** and play the piano with the selected voice.

GM Voice

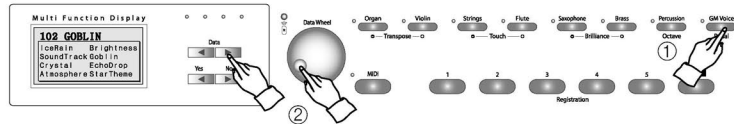
There are 128 different voices in the piano. When the **GM VOICE** button is selected, one of 128 GM voices can be assigned.

CHANGING THE GM VOICE BY DATA BUTTONS.

① Press the GM VOICE button.

The Pop-up display shows you the current selected voice number and voice name.

✎ **Default GM voice:** 25 Nylon Guitar



② Select the desired voice by pressing the DATA buttons or the DATA wheel.

✎ See the **GM VOICE TABLE** on page 56 in this manual.

✎ **POP-UP Display** The pop-up display returns to the main menu after 3 seconds.

✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

✎ **Backing Up the Selected Voice** The last selected voice in each button will be retained in memory.

Main Voice Volume

ADJUSTING THE MAIN VOICE VOLUME

This determines the volume of the main voice.

① Call up the volume pop-up display.

Press and hold down the **SETUP** button and press **LAYER(or SPLIT) VOLUME UP or DOWN** button. The volume pop-up display appears.

② Move the cursor to main voice in the volume pop-up display.

Press the **YES** button on the volume pop-up display. The cursor is moved from **Ly(LAYER)** to **Ma(MAIN)**.

This means that the main voice volume can be changed by using the layer volume up and down buttons.

③ Adjust the main voice volume.

Adjust the main voice volume by using the **LAYER(or SPLIT) VOLUME UP and DOWN** buttons

✎ If you press both **VOLUME UP** and **DOWN** buttons at the same time automatically return to the default main volume(100). The range of volume is 0 ~ 100.

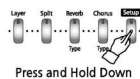
✎ Hold the button for continuous decrementing or incrementing.

✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

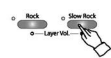
✎ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **VOLUME UP and DOWN** buttons in the volume pop-up display.

④ Return to the play mode.

Release the **SETUP** button.



Press and Hold Down



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.

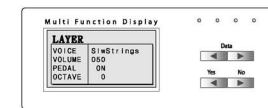
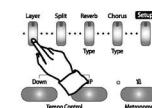
PLAYING WITH THE LAYER VOICE

① Select the main voice.

Select a voice in the normal way. (see the **SELECTING VOICES** section on page 25)

② Call up the layer mode.

To call up the layer mode, press the **LAYER** button. Lamp lights and the layer is set on. The layer pop-up display appears.



✎ The default values:
1) Voice **SLOW STRINGS**
2) Volume **050**
3) Pedal **ON**
4) Octave **0**

③ Select the layered voice.

Select a voice in the normal way. (see the **SELECTING VOICES** section on page 25)

ADJUSTING THE LAYER VOLUME

This determines the volume of the layered voice. There two ways to adjust layer volume.

A. Adjusting the LAYER VOLUME in the layer pop-up display.

① Call up the layer mode.

To call up the layer mode, press the **LAYER** button. Lamp lights and the layer is set on. The layer pop-up display appears.

② Move the cursor to volume value in the layer pop-up display.

Press the **YES** button during the LCD screen shows the layer pop-up display. The cursor goes to the volume value (default 50).

③ Adjust the layer volume.

Adjust the layer volume by using the **DATA** buttons or the **DATA** wheel.

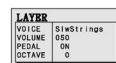
✎ If you press both **DATA UP** and **DOWN** buttons at the same time automatically return to the default Layer Volume(50). The range of volume is 0 ~ 100.

✎ Hold the button for continuous decrementing or incrementing.

✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

④ Return to the main menu.

Press the **NO** button.
✎ Even if you don't press the **NO** button, the pop-up display automatically returns to the main menu after 3 seconds. But if the Display hold is on, you should press the **NO** button to return to the main menu.



B. Adjusting the LAYER VOLUME by using the LAYER VOLUME UP and DOWN buttons.

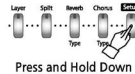
Ⓐ Call up the volume pop-up display.

Press and hold down the **SETUP** button and press **LAYER VOLUME UP** or **DOWN** button. The Volume pop-up display appears.



Ⓑ Adjust the layer volume.

Adjust the layer volume by using the **LAYER VOLUME UP** and **DOWN** buttons.



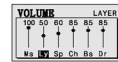
⇨ If you press both **VOLUME UP** and **DOWN** buttons at the same time automatically return to the default layer Volume(50).

⇨ The range of volume is 0 ~ 100.

⇨ Hold the button for continuous decrementing or incrementing.

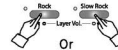
⇨ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

⇨ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **VOLUME UP** and **DOWN** buttons in the volume pop-up display.



Ⓒ Return to the main menu.

Release the **SETUP** button.



CHANGING THE PEDAL OPTION

This determines whether the damper pedal and assignable pedal affects the layered voice in layer function.

Ⓐ **Call up the layer mode.** To call up the layer mode, press the **LAYER** button. Lamp lights and the layer is set on. The layer pop-up display appears.

Ⓑ **Move the cursor to the pedal value in the layer pop-up display.** Press the **YES** button in the layer pop-up display until the cursor goes to the pedal option.

Ⓒ **Select the pedal option.** Change the pedal option by using the **DATA** buttons or the **DATA** wheel.

⇨ If you press both the **DATA UP** and **DOWN** buttons at the same time automatically return to the default value (ON).

⇨ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

Ⓓ **Return to the main menu.** Press the **NO** button.

⇨ Even if you don't press the **NO** button, the pop-up display automatically returns to the main menu after 3 seconds. But if the Display hold is on, you should press the **NO** button to return to the main menu.

CHANGING THE OCTAVE SETTING OF THE LAYERED VOICE

The octave shift setting lets you adjust the pitch of the layered voice. In the meantime, the octave shift setting can be adjusted in the octave shift setting function. See the **OCTAVE SHIFT** section on page 39.

Ⓐ **Call up the layer mode.** To call up the layer mode, press the **LAYER** button. Lamp lights and the layer is set on. The layer pop-up display appears.

Ⓑ **Move the cursor to the octave value in the layer pop-up display.** Press the **YES** button in the layer pop-up display until the cursor goes to the octave option.

Ⓒ **Select the octave option.** Change the octave option by using the **DATA** buttons or the **DATA** wheel.

⇨ If you press both **DATA UP** and **DOWN** buttons at the same time automatically return to the default value (0). Range: -1~0~+1

⇨ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

Ⓓ **Return to the main menu.** Press the **NO** button.

⇨ Even if you don't press the **NO** button, the pop-up display automatically returns to the main menu after 3 seconds. But if the Display hold is on, you should press the **NO** button to return to the main menu.

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 SPLIT VOICE

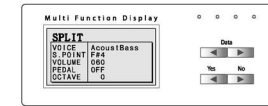
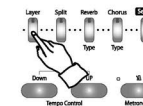
Ⓐ Select the main voice.

Select a voice in the normal way. (see the **SELECTING VOICES** section on page 25)

Ⓑ Call up the Split mode.

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

The split pop-up display appears.



⇨ The default values:
1) Voice **ACOUST BASS**
2) Split Point **F#4**
3) Volume **070**
4) Pedal **OFF**
Octave **0**

Ⓒ Select the split voice.

Select a voice in the normal way. (see the **SELECTING VOICES** section on page 25)

CHANGING THE SPLIT POINT

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

Ⓐ **Call up the split mode.** To call up the split mode, press the **SPLIT** button. Lamp lights and the split is set on. The split pop-up display appears.

Ⓑ **Move the cursor to the split point value in the split pop-up display.** Press the **YES** button in the split pop-up display until the cursor goes to the split point option.

Ⓒ **Change the split point option.**

Change the split point by using the **DATA** buttons or the **DATA** wheel. (default value: F#4, Range: C3~C#7)

⇨ If you press both **DATA UP** and **DOWN** buttons at the same time automatically return to the default value (F#4).

⇨ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

Ⓓ **Return to the main menu.** Press the **NO** button.

⇨ Even if you don't press the **NO** button, the pop-up display automatically returns to the main menu after 3 seconds. But if the Display hold is on, you should press the **NO** button to return to the main menu.

⇨ Instead of above way, the split point can be assigned by using the **SPLIT** button with the keyboard.

Press and hold down the **SPLIT** button and press a **desired key**. The pressed key is assigned to new split point.

▼ Split point (F#4)



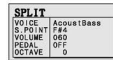
ADJUSTING THE SPLIT VOLUME

This determines the volume of the split voice. There two ways to adjust the split volume.

A. Adjusting the SPLIT VOLUME in the split pop-up display.

① Call up the split mode.

To call up the split mode, press the **SPLIT** button. Lamp lights and the split is set on. The split pop-up display appears.



② Move the cursor to volume value in the split pop-up display.

Press the **YES** button in the split pop-up display until the cursor goes to volume value (default 60).



③ Adjust the split voice volume.

Adjust the split Volume by using the **DATA** buttons or the **DATA** wheel.

✦ If you press both **DATA UP** and **DOWN** buttons at the same time automatically return to the default Split Volume(60). The range of volume is 0 ~ 100.

✦ Hold the button for continuous decrementing or incrementing.

✦ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

✦ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **VOLUME UP** and **DOWN** buttons in the volume pop-up display.



④ Return to the main menu.

✦ Press the **NO** button.

✦ Even if you don't press the **NO** button, the pop-up display automatically returns to the main menu after 3 seconds. But if the Display hold option is on, you should press the **NO** button to return to the main menu.

B. Adjusting the SPLIT VOLUME by using the SPLIT VOLUME UP and DOWN buttons.

① Call up the volume pop-up display.

Press and hold down the **SETUP** button and press the **SPLIT VOLUME UP** or **DOWN** button. The volume pop-up display appears.



② Adjust the Split Volume.

Adjust the split volume by using the **SPLIT VOLUME UP** and **DOWN** buttons .

✦ If you press both **Volume UP** and **DOWN** buttons at the same time automatically return to the default split Volume(60).

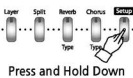
✦ The range of volume is 0 ~ 100.

✦ Hold the button for continuous decrementing or incrementing.

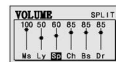
③ Display Hold

✦ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

✦ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **VOLUME UP** and **DOWN** buttons in the volume pop-up display.



Press and Hold Down



④ Return to the main menu.

Release the **SETUP** button.

ADJUSTING THE MAIN VOICE VOLUME

① Call up the volume pop-up display.

Press and hold down the **SETUP** button and press **SPLIT(or LAYER) VOLUME UP or DOWN** button. The volume pop-up display appears.

② Move the cursor to main voice in the volume pop-up display.

Press the **YES** button on the volume pop-up display. The cursor is moved from **Sp(Split)** to **Ma(MAIN)**. This means that the main voice volume can be changed by using the split volume up and down buttons.

③ Adjust the Main Voice Volume.

Adjust the main voice volume by using the **SPLIT(or LAYER) VOLUME UP** and **DOWN** buttons

✦ If you press both **VOLUME UP** and **DOWN** buttons at the same time automatically return to the default Main Volume(100). The range of volume is 0 ~ 100.

✦ Hold the button for continuous decrementing or incrementing.

✦ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

✦ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **VOLUME UP** and **DOWN** buttons in the volume pop-up display.

④ Return to the play mode.

Release the **SETUP** button.

CHANGING THE PEDAL OPTION

This determines whether the damper pedal and assignable pedal affects the split voice in split function.

① Call up the split mode.

To call up the split mode, press the **SPLIT** button. Lamp lights and the split is set on. The split pop-up display appears.

② Move the cursor to the pedal value in the split pop-up display.

Press the **YES** button in the split pop-up display until the cursor goes to the pedal option.

③ Select the pedal option.

Change the pedal option by using the **DATA** buttons or the **DATA** wheel.

✦ If you press both **DATA UP** and **DOWN** buttons at the same time automatically return to the default value (ON).

✦ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

④ Return to the main menu.

✦ Press the **NO** button.

✦ Even if you don't press the **NO** button, the pop-up display automatically returns to the main menu after 3 seconds. But the Display hold is on, you should press the **NO** button to return to the main menu.

CHANGING THE OCTAVE SETTING OF THE SPLIT VOICE

The octave shift setting lets you adjust the pitch of the split voice. In the meantime, the octave shift setting can be adjusted in the octave shift setting function. See the **OCTAVE SHIFT** section on page 39 .

① Call up the split mode.

To call up the split mode, press the **SPLIT** button. Lamp lights and the split is set on. The split pop-up display appears.

② Move the cursor to the octave value in the split pop-up display.

Press the **YES** button in the split pop-up display until the cursor goes to the octave option.

③ Select the octave option.

Change the octave option by using the **DATA** buttons or the **DATA** wheel.

✦ If you press both **DATA UP** and **DOWN** buttons at the same time automatically return to the default value (0). Range -1 ~ 0 ~ +1

✦ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD shows the current pop-up display.

④ Return to the main menu.

✦ Press the **NO** button.

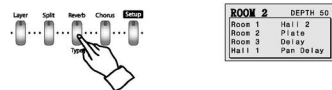
✦ Even if you don't press the **NO** button, the pop-up display automatically returns to the main menu after 3 seconds. But if the Display hold is on, you should press the **NO** button to return to the main menu.

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.

REVERB ON/OFF

To turn on reverb, press the **REVERB** button. The lamp lights and reverb is set on. The reverb pop-up display appears.



To turn off reverb, press the **REVERB** button again. The lamp turns off and reverb(or chorus) is no longer active.

SELECTING REVERB TYPE

Press the **REVERB** button. The reverb pop-up display appears in the LCD screen.

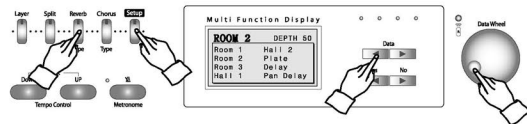
Select a desired reverb type by using the **DATA** buttons or the **DATA** wheel in the reverb pop-up display.

- ✎ The reverb pop-up display shows the current reverb type and total depth of the reverb.
- ✎ There are 8 reverb types in the piano. Room 1, Room 2(default), Room 3, Hall 1, Hall 2, Plate, Delay and Pan Delay

In the meantime, when the reverb is on, press and hold down the **SETUP** button and press the **REVERB** button. The reverb pop-up display appears.

The reverb type can be changed by using **DATA** buttons or the **DATA** wheel in this pop-up display.

Release the the **SETUP** button, the pop-up display returns to the main menu.



Display Hold

If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

ADJUSTING THE TOTAL DEPTH

This determines the total depth of the reverb.

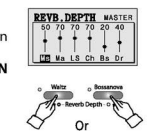
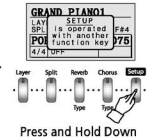
③ Call up the SETUP mode.

Press and hold down the **SETUP** button. The setup pop-up appears in the LCD screen.

④ Adjust the total depth.

Adjust the total depth by using the **REVERB DEPTH UP** and **DOWN** buttons .

- ✎ If you press both **UP** and **DOWN** buttons at the same time automatically return to the default reverb total depth (50).
- ✎ The range of volume is 0 ~ 100.
- ✎ Hold the button for continuous decrementing or incrementing.
- ✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.
- ✎ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **VOLUME UP** and **DOWN** buttons in the pop-up display.



⑤ Return to the play mode.

Release the **SETUP** button.

ADJUSTING THE DEPTH FOR EACH PART

The reverb part depth parameter lets you make different reverb depth setting for the rhythm, bass and chord parts of the auto-accompaniment, as well as the parts you play from keyboard.

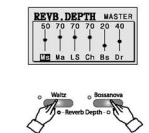
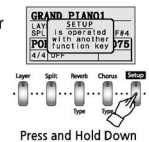
③ Call up the SETUP mode.

Press and hold down the **SETUP** button. The setup pop-up appears in the LCD screen.

④ Call up the reverb depth pop-up display.

Press the **REVERB DEPTH UP** or **DOWN** button. The reverb depth pop-up appears.

- ✎ The reverb depth pop-up display can be called up from the reverb pop-up display.
- ✎ When the LCD screen shows the reverb pop-up display, press the **YES** button. The reverb depth pop-up appears.



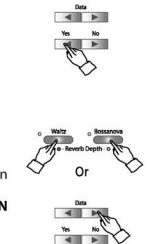
⑤ Move the cursor to the desired part.

Press the **YES** button until the cursor is located on the desired part.

④ Adjust the depth of the selected part.

Adjust the depth of the selected part by using the **REVERB DEPTH UP** and **DOWN** buttons .

- ✎ You can use the **DATA UP** and **DOWN** buttons instead of the **REVERB DEPTH UP** and **DOWN** buttons.
- ✎ If you press both **UP** and **DOWN** Buttons at the same time automatically return to the default reverb depth of each part. (default Main Voice 70, Layer Voice 70, Split Voice 70, Chord parts 70, Bass 20, Drum 40)
- ✎ The range of volume is 0 ~ 100.
- ✎ Hold the button for continuous decrementing or incrementing.
- ✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.
- ✎ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **VOLUME UP** and **DOWN** buttons in the pop-up display.



⑤ Return to play mode.

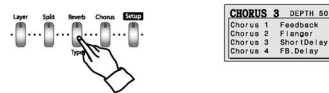
Release the **SETUP** button.

Chorus

This control adds richness to the sound. There are four different Chorus types: Chorus 1, 2, 3, 4, Feedback, Flanger Short delay and Feedback Delay.

CHORUS ON/OFF

To turn on chorus, press the **CHORUS** button. The lamp lights and chorus is set on. The chorus pop-up display appears.



To turn off chorus, press the **CHORUS** button again. The lamp turns off and chorus is no longer active.

SELECTING CHORUS TYPE

Press the **CHORUS** button. The chorus pop-up display appears in the LCD screen.

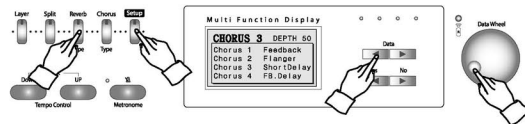
Select a desired chorus type by using the **DATA** buttons or the **DATA** wheel in the chorus pop-up display.

- ⇨ The chorus pop-up display shows the current chorus type and total depth of the chorus.
- ⇨ There are 8 chorus types in the piano. Chorus 1, Chorus 2, Chorus 3, Chorus 4, Feedback, Flanger Short delay and Feedback Delay

In the meantime, when the chorus is on, press and hold down the **SETUP** button and press the **REVERB** button. The chorus pop-up display appears.

The chorus type can be changed by using the **DATA** buttons or the **DATA** wheel in this pop-up display.

Release the the **SETUP** button, the pop-up display returns to the main menu.



⇨ Display Hold

If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.

ADJUSTING THE TOTAL DEPTH

This determines the total depth of the chorus.

① Call up the SETUP mode.

Press and hold down the **SETUP** button. The setup pop-up appears in the LCD screen.

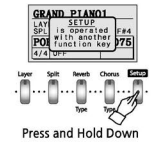
② Adjust the total depth.

Adjust the total depth by using the **CHORUS DEPTH UP** and **DOWN** buttons.

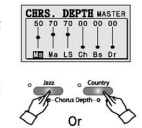
- ⇨ If you press both **UP** and **DOWN** Buttons at the same time automatically return to the default reverb total depth (50).
- ⇨ The range of volume is 0 ~ 100.
- ⇨ Hold the button for continuous decrementing or incrementing.
- ⇨ If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display.

③ Return to the play mode.

Release the **SETUP** button.



Press and Hold Down



Or

ADJUSTING THE DEPTH FOR EACH PART

The chorus part depth parameter lets you make different chorus depth setting for the rhythm, bass and chord parts of the auto-accompaniment, as well as the parts you play from keyboard.

① Call up the SETUP mode.

Press and hold down the **SETUP** button. The setup pop-up appears in the LCD screen.

② Call up the chorus depth pop-up display.

Press the **CHORUS DEPTH UP** or **DOWN** button. The chorus depth pop-up appears.

- ⇨ The chorus depth pop-up display can be called up from the chorus pop-up display.
- When the LCD screen shows the chorus pop-up display, press the **YES** button. The chorus depth pop-up appears.

③ Move the cursor to the desired part.

Press the **YES** button until the cursor is located on the desired part.

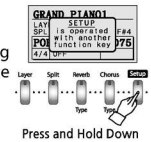
④ Adjust the depth of the selected part.

Adjust the depth of the selected part by using the **CHORUS DEPTH UP** and **DOWN** buttons.

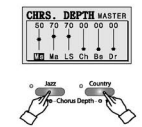
- ⇨ You can use the **DATA UP** and **DOWN** buttons instead of the **CHORUS DEPTH UP** and **DOWN** buttons.
- ⇨ If you press both **UP** and **DOWN** Buttons at the same time automatically return to the default chorus depth of each part. (default Main Voice 70, Layer Voice 70, Split Voice 70, Chord parts 0, Bass 0, Drum 0)
- ⇨ The range of volume is 0 ~ 100.
- ⇨ Hold the button for continuous decrementing or incrementing.
- ⇨ If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.

⑤ Return to play mode.

Release the **SETUP** button.



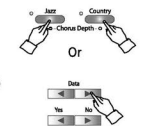
Press and Hold Down



Or



Or



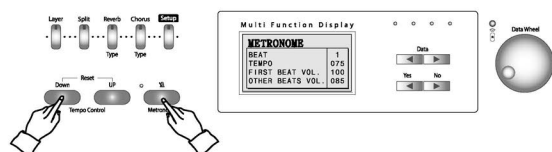
Or

Using the Metronome

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

START/STOP OF THE METRONOME

To start the metronome, simply press the **METRONOME** button. Press the **METRONOME** button again to stop the metronome sound. The LCD screen shows the metronome pop-up display.



ADJUSTING THE TEMPO OF THE METRONOME

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

- Hold the button for continuous decrementing or incrementing.
- If you press both **UP** and **DOWN** buttons at the same time automatically return to the default tempo of the selected rhythm.
- When the performance screen or a value is changed, the tempo may go slow.*

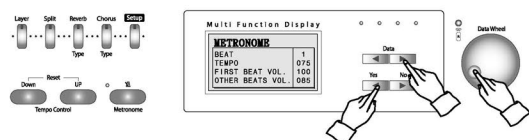
SELECTING THE METRONOME OPTIONS

Press the **METRONOME** button. The LCD screen shows the metronome pop-up display. Press the **YES** button in the metronome pop-up display. The cursor goes to the option value and you can change the selected metronome option by using the **DATA** buttons or the **DATA** wheel.

- There are 4 options in the metronome options.
 - 1) BEAT** This determines the time signature of the metronome.
 - 2) TEMPO** This determines the tempo of the metronome.
 - 3) FIRST BEAT VOLUME** This determines the volume of the first beat.
 - 4) OTHER BEATS VOLUME** This determines the volume of the other beats.

You can call up the metronome pop-up screen by using the **SETUP** button and **METRONOME** button. When the metronome is on, press and hold down the **SETUP** button and press the **METRONOME** button.

- The Metronome Beat pop-up display appears and shows current beat of the metronome.
- Press the button again, the beat is changed.
- Beat Range: : 2 ~ 8



Setup

TUNE

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

Press and hold down the **SETUP** button and press the **TUNE UP** or **DOWN** button.

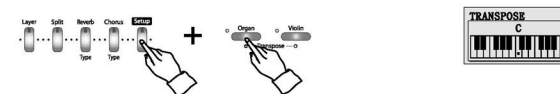


- The Tune pop-up display appears and shows current value.
- The value can be changed by pressing **TUNE UP** and **DOWN** buttons.
- You can adjust the value by using the **DATA** buttons or the **DATA** wheel instead of the **TUNE UP** and **DOWN** buttons.
- If you press both **UP** and **DOWN** buttons at the same time automatically return to the default value.
- Range:** A3 440Hz $\frac{3}{4}$ 100cents (Default 00)
- 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.
- Cent** Cent is unit of pitch, equal to 1/100 of a semitone.
- Backing Up adjusted value.** The last adjusted value of each Function can be retained in memory.
- If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.

TRANPOSE

The transpose function makes it's 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 **TRANPOSE** is set F key, 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.

Press and hold down the **SETUP** button and press the **TRANPOSE UP** or **DOWN** button.



- The Transpose pop-up display appears and shows current value.
- The value can be changed by pressing **TRANPOSE UP** and **DOWN** buttons.
- You can adjust the value by using the **DATA** buttons or the **DATA** wheel instead of the **TRANPOSE UP** and **DOWN** buttons.
- Range:** -12 semitone ~ 0 ~ 12 semitone (Default 00)
- Backing Up adjusted value.** The last adjusted value of each Function can be retained in memory.
- If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.

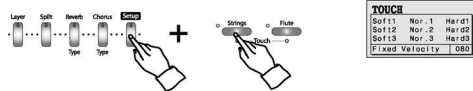
TOUCH

Touch determines how your playing strength (velocity) affects the volume of the voices. 10 types are available for tailoring the keyboard response to the selected voice, type of song, or your own playing preference.

Selecting the touch

Press and hold down the **SETUP** button and press the **TOUCH UP** or **DOWN** button.

- ✎ The touch pop-up display appears and shows current touch.
- ✎ Instead of the **TOUCH** buttons, the setting value can be changed by the **DATA** buttons or the **DATA** wheel.
- ✎ **Backing Up adjusted value.** The last adjusted value of each Function can be retained in memory.
- ✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.



DISPLAY	
SOFT 1 SOFT 2 SOFT 3	These settings let you produce a relatively loud sound even when playing the key softly.
NORMAL 1 NORMAL 2 NORMAL 3	These settings are standard keyboard response and the NORMAL 2 is used as the basic setting.
HARD 1 HARD 2 HARD 3	These settings require you to play the keys quite strongly to produce maximum loudness.
FIXED VELOCITY	These settings produce the same degree of loudness, no matter how strongly or softly you play the keys.

Adjusting the fixed touch level.

This determines the level of the fixed velocity touch.

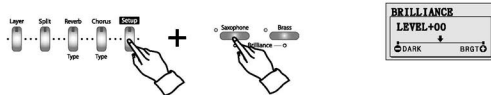
Press and hold down the **SETUP** button and press the **TOUCH UP** or **DOWN** button until the cursor goes to the 'Fixed Velocity' option.
Press the **YES** button to move the cursor on the velocity level (default 080).
Adjust the velocity level by using the **DATA** buttons or the **DATA** wheel.

- ✎ Whenever press both the **DATA UP** and **DOWN** buttons, default value of the selected voice part is set automatically.
- ✎ Press and hold the **DATA UP** or **DOWN** button for continuous decrementing or incrementing.
- ✎ **Backing Up adjusted value.** The last adjusted value of each Function can be retained in memory.
- ✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.

BRILLIANCE

The sound timbre can be adjusted by using the **BRILLIANCE** function.

Press and hold down the **SETUP** button and press the **BRILLIANCE UP** or **DOWN** button.



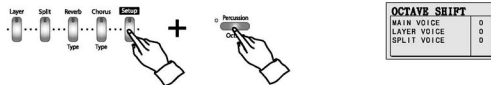
- ✎ The brilliance pop-up display appears and shows current value.
- ✎ This function affects all voice parts (main, Layer and split)
- ✎ The value can be changed by pressing **BRILLIANCE UP** and **DOWN** buttons.
- ✎ You can adjust the value by using the **DATA** buttons or the **DATA** wheel instead of the **BRILLIANCE UP** and **DOWN** buttons.
- ✎ The default value is 00, which is normal brilliance.
- ✎ Whenever press both **BRILLIANCE UP** and **DOWN** buttons, default value '00' is set automatically.
- ✎ If the brilliance is low, the piano makes dark sound and If it is high, the piano makes bright sound.
- ✎ **Backing Up adjusted value.** The last adjusted value of each Function can be retained in memory.
- ✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.

OCTAVE SHIFT

The octave function makes it's possible to shift the octave of the keyboard, allowing you to match the octave of the keyboard to the range of other instruments.

③ Changing the octave of the main voice.

Press and hold down the **SETUP** button and press the **OCTAVE** button.



- ✎ The octave pop-up display appears and shows current value.
- ✎ You can adjust the value by using the **DATA** buttons or the **DATA** wheel instead of the **OCTAVE** button.
- ✎ The value can be changed by pressing **OCTAVE** button.
- ✎ If you press both **DATA UP** and **DOWN** buttons at the same time automatically return to the default value.
- ✎ **Range:** -1 ~0 ~+1 octave (Default 0)
- ✎ **Backing Up adjusted value.** The last adjusted value of each Function can be retained in memory.
- ✎ If the **DISPLAY HOLD** is on, the pop-up display does not return to the main menu and the LCD screen shows the current pop-up display.

④ Changing the octave of the layered voice ant the split voice.

Press the **YES** button in the octave pop-up display. The cursor goes to the other part and you can change the octave of the selected part by using **OCTAVE UP** and **DOWN** buttons.

PEDAL

One of 8 pedal-functions can be assigned to the assignable pedal.



Press and hold down the **SETUP** button and press the **PEDAL** button.

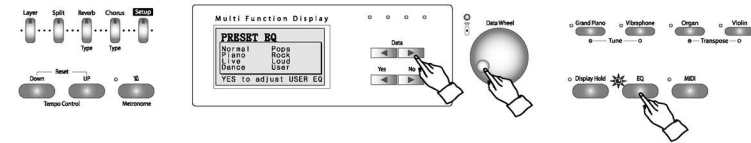
- ✎ The pedal pop-up display appears and shows current touch value.
- ✎ Press the **PEDAL** button again, the cursor goes to the next pedal function and the selected function is set to the assignable pedal.
- ✎ Instead of the **PEDAL** button, the setting value can be changed by the **DATA UP** and **DOWN** buttons.
- ✎ **Assignable 8 pedal functions.** (see the **CONNECTING PEDAL** SECTION on page 14.)

EQ

The Sound timbre can be adjusted by using the EQ.

CHANGING THE MASTER EQUALIZER SETTING

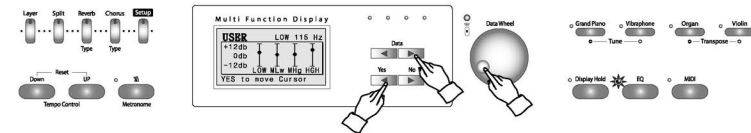
Press the **EQ** button. The button lamp lights and the EQ pop-up display appears in the LCD screen. Select the a desired preset EQ by using the **DATA** buttons or the **DATA** wheel.



- Eight different types are available : **Normal, Piano, Live, Dance, Pops, Rock, Loud,** and **User.**
- Whenever press the **SETUP** button with the **EQ** buttons, the EQ pop-up display appears.

ADJUST THE USER EQ LEVELS

Press the **YES** button in the EQ pop-up display. The user EQ pop-up appears. Move the cursor to a desired frequencyband (Low, Middle-Low, Middle-High, High) by pressing the **YES** button. Adjust the level of the selected frequencyband by using the **DATA** buttons or the **DATA** wheel.



- FREQUENCYBAND**
 - High band** 2.6KHz
 - Middle high band** 1.2KHz
 - Middle low band** 300Hz
 - Low band** 115Hz
- Range of the EQ level** -12db ~ +12db

MIDI

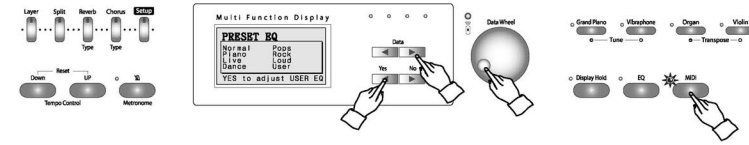
MIDI(Musical Instrument Digital Interface) is the international standard for digital communication of electronic musical instrument data. This means that any equipment that has a MIDI terminal (such as electronic musical instruments or personal computers) can easily exchange digital data with other MIDI equipment without complicated conversions or connections. See the **CONNECTING OTHER DEVICES** section on page 15.

SET THE SEND MIDI CHANNEL OF THE VOICE PARTS

In any MIDI control setup, the MIDI channels of the transmitting and receiving equipment must be matched for proper data transfer (channels 1 through 16). This function sets the transmit channels of the piano. Independent MIDI channels can be set for the following three types of play data.

- 1) Main Voice
- 2) Layered Voice
- 3) Split Voice

Press the **MIDI** button, the MIDI lamp lights and the MIDI pop-up appears. Press the **YES** button until the cursor goes to the desired voice part. Change the MIDI channel of the selected voice part by using the **DATA** buttons or the **DATA** wheel.



THE LOCAL CONTROL ON/OFF

Local control refers to the fact that, normally, the piano keyboard controls its internal tone generator, allowing the internal voices to be played directly from the keyboard. This situation is called Local Control ON. When the local control is set to off, the keyboard and sound source are separated and no sound is heard through the piano when playing the keyboard. However, the data of the keyboard performance is output through MIDI. By setting local control to off, you can play an external MIDI tone generator from the keyboard of the piano without sounding the internal voices.

Press the **MIDI** button, the MIDI lamp lights and the MIDI pop-up appears. Press the **YES** button until the cursor goes to the local control. Change the value by using the **DATA** buttons or the **DATA** wheel.

Auto Accompaniment

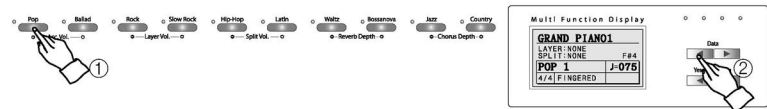
This keyboard automatically plays bass and chord parts in accordance with the chords you finger. The bass and chord parts are played using sounds and voices that are automatically selected to select the rhythm you are using. All of this means that you get full, realistic accompaniments for the melody notes you play with your right hand, creating the mood of a one-person ensemble.

SELECTING A RHYTHM

This piano provides you with 80 exciting rhythms that you can select using the following procedure.

④ Select a rhythm.

Select the desired rhythm by pressing the appropriate **RHYTHM** button.



- ✎ Piano has total 10 rhythm groups and each rhythm group has 8 rhythm styles.
- ✎ When pressing a **RHYTHM** button, the pop-up display shows the selected rhythm for 3 seconds in the rhythm group.
- ✎ While the rhythm pop-up display shows, you can select one of eight rhythms of the selected rhythm group by pressing the **RHYTHM** button. Also, the rhythm can be selected by pressing **DATA** buttons or **DATA** wheel.
- ✎ **POP-UP Display**
The pop-up display returns to the main menu after 3 seconds.
- ✎ **DISPLAY HOLD**
If the **DISPLAY HOLD** is on, the pop-up display does not return to main menu and the LCD screen shows the current pop-up display continuously.
- ✎ **Backing Up the Selected Rhythm.**
The last selected rhythm in each button will be retained in memory.

80 RHYTHM LIST

POP	BALLAD	ROCK	SL ROCK	HIPHOP	LATIN	WALTZ	BOSSA.	JAZZ	CNTRY.
Pop1	Ballad1	Rock 1	SlowRock1	Hip Hop	Latin 1	Waltz 1	Bossanova1	Jazz 1	Country 1
Pop2	Ballad2	Rock 2	SlowRock2	House	Latin 2	Waltz 2	Bossanova2	Jazz 2	Country 2
Pop3	Ballad3	Rock 3	Funk 1	Dance 1	Latin 3	Waltz 3	Bossanova3	Jazz 3	Bluegrass
Pop4	Ballad4	Rock 4	Funk 2	Dance 2	Latin 4	Waltz 4	Rhumba	Jazz 4	Ctry Rock
Pop5	R&B	Boogie	Funk 3	Dance 3	Samba	Polka	Tango 1	Blues 1	Folk
Pop6	GOSPEL	Shuffle 1	Motown 1	Dance 4	Salsa 1	March 1	Tango 2	Blues 2	Folk Rock1
Pop7	SOUL1	Shuffle 2	Motown 2	Dance 5	Salsa 2	March 2	Cha Cha	Swing 1	Folk Rock2
Pop8	SOUL2	Shuffle 3	Newage	Dance 6	Reggae	Classic	Beguine	Swing 2	Makarena

TEMPO CONTROL ADJUSTMENT

Whenever you select a different style, the preset tempo for that style is also selected, and the tempo is shown on the Multi Function display after **STYLE SELECT** Pop-up display. (Unless you try changing the style during playback, in which case the same tempo is maintained.) Press the **TEMPO** buttons. (You can show current tempo on the main display.)



- ✎ You can press either **TEMPO UP** or **DOWN** button briefly to decrement or increment the tempo value by one, hold the button for continuous decrementing or incrementing.
- ✎ **Tempo** (Range: 40 ~ 250, Default setting: Differs depending on the style.)
- ✎ **Restoring the Default Style Tempo**
You can restore the preset tempo for the selected Style at anytime by simultaneously pressing both **TEMPO UP** and **DOWN** buttons.
- ✎ *When the performance screen or a value is changed, the tempo may go slow.*

ACCOMPANIMENT VOLUME ADJUSTMENT

④ Call up the SETUP mode.

Press and hold down the **SETUP** button. The setup pop-up appears in the LCD screen.



④ Adjust the accompaniment volume.

Adjust the Accompaniment Volume by using the **ACCOMP VOLUME UP** and **DOWN** buttons.



- ✎ If you press both **VOLUME UP** and **DOWN** buttons at the same time automatically return to the default accompaniment volume(85).
- ✎ The range of volume is 0 ~ 100.
- ✎ Hold the button for continuous decrementing or incrementing.
- ✎ It's available to adjust each part volume of accompaniment independently.
- ✎ Press the **YES** button on the accomp pop-up display.
- ✎ The cursor moves on each part (or all parts) of the accompaniment. When pressing accomp volume up or down button, only the selected part volume is adjusted.
- ✎ The **DATA** buttons or **DATA** wheel can adjust the volume instead of the **ACCOMP VOLUME UP** and **DOWN** buttons in the volume pop-up display.

PLAYING A RHYTHM

**Starting the accompaniment style**

There are several ways to start the accompaniment style, as described.

Immediate rhythm starting

Press the **START/STOP** button. To stop the rhythm press the **START/STOP** button again.

Synchronized starting

Press the **SYNCHRO** button and then play the keyboard to start the rhythm.

Rhythm starting with an Introduction

Press the **INTRO/ENDING** button to begin the selected rhythm with an introduction arrangement.

Synchronized starting with an Introduction

After pressing the **SYNCHRO** button, press the **INTRO/ENDING** button and then play the keyboard.

Introduction, Fill-in and Ending arrangements are available for each rhythm pattern.**INTRODUCTION**

Press the **INTRO/ENDING** button to begin the rhythm performance with an introduction arrangement. After the introduction plays, then the normal rhythm pattern begins.

FILL

There are two fill arrangements for each rhythm pattern. Press one of the **FILL** buttons to insert a fill-in pattern anytime while a rhythm is playing.

⇨ **FILL 1** After the fill, the arrangement goes to basic rhythm loop.

⇨ **FILL 2** After the fill, the arrangement goes to variation rhythm loop.

VARIATION

A rhythm style has two loop patterns. one is a basic rhythm loop and the other one is a variation rhythm loop of the basic rhythm loop. Press the **VAR** button, the button lamp lights and the variation loop is applied applied. Press the **VAR** button again, the button lamp is turned off and the basic rhythm loop is applied.

ENDING

Press the **INTRO/ENDING** button to finish the rhythm performance with an arranged ending.

FADE

When starting an Auto Accompaniment after pressing this button, the volume will gradually increase to its normal volume from zero volume.

If you press the **FADE** button during a rhythm performance, the volume will gradually decrease from full volume to zero volume and then stop.

If you press the **FADE** button again while fading, the volume change is canceled and reset to normal.

Stopping the accompaniment style.

To stop style playback, press the **START/STOP** button.

To playback an ending pattern before stopping, press the **INTRO/END** button during playback of rhythm.

The **INTRO/ENDING** lamp flashes during playback of ending.

If you need to cancel ending playback, press the **FILL 1** or the **FILL 2** button. The ending pattern stops and the main loop starts after fill pattern playback.

USING THE AUTO ACCOMPANIMENT

The following procedure describes how to use the keyboard's Auto Accompaniment feature. Before starting, you should first select the rhythm you want to use and set the tempo of the rhythm to the value you want.

①Select a rhythm style.

Select the desired rhythm. (see the **SELECTING A RHYTHM** section on page 42)

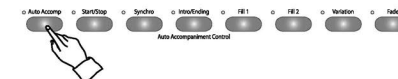
②Set the Tempo.

Set the desired tempo. (see the **TEMPO CONTROL ADJUSTMENT** section on page 43)

③Set the auto-accompaniment function to ON.

To do this, press the **AUTO ACCOMP** button. The lamp lights.

Press the **AUTO ACCOMP** button again to turn off the lamp and set Auto Accompaniment to off.



SET THE AUTO ACCOMPANIMENT MODE

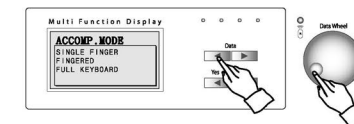
④Call up the auto-accompaniment pop-up display.

Press the **AUTO ACCOMP** button. The auto-accompaniment mode pop-up appears in the LCD screen.

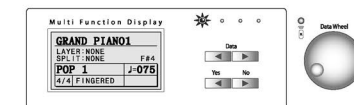
⑤ Set the auto accomp mode.

Select one of the auto accomp mode by using the **DATA** buttons or the **DATA** wheel in the accomp mode pop-up display.

⇨ **FINGERED** (default)

**BEAT LED**

During style playback, the left-most beat lamp(green) flashes on the first beat of each measure, and the other lamps(red) flash for each successive beat.



START THE AUTO ACCOMPANIMENT

To start Auto accompaniment, press the **START/STOP** button. Alternately, press the **FILL1/SYNC** or **FILL1/SYNC** button, then play the keyboard.

TYPES OF AUTO ACCOMPANIMENT MODE

Single Finger

The Single Finger method makes it easy to produce accompaniment using major, minor, seventh and minor seventh chords by pressing certain key (according to simple rules) in the left range of the keyboard (lower than split point). (see the **SINGLE FINGER** section on page 46)

Fingered

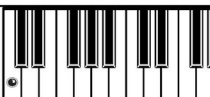



The Fingered method lets you produce automatic accompaniment by playing full chords in the left range of the keyboard (lower than split point). (see the **FINGERED** section on page 47)

Full Keyboard

Full keyboard automatically produces appropriate automatic accompaniment for virtually anything you play on the keyboard, in any range. (see the **FULL KEYBOARD** section on page 48)























Single Finger

To play Auto Accompaniment to the selected style, press one, two, three or four keys in the left range (below and including the split point), following the rules described below.

CHORD	EXAMPLE
MAJOR Pressing just one key produces a full major chord corresponding to that note.	Play C Hear a C major chord 
MINOR Simultaneously pressing any key to the right of that note results in a full minor chord.	Play Cm Hear a C minor chord 
SEVENTH Similarly, pressing one more key to the right (three keys in all) produces a full 7th chord.	Play C7 Hear a C 7th chord 
MINOR SEVENTH Pressing a fourth key to the right (four keys in all) creates a full minor seventh chord.	Play Cm7 Hear a C minor 7th chord 

Fingered

Allows you to play a complete style arrangement when you play three or four chords in the left range of the keyboard split.

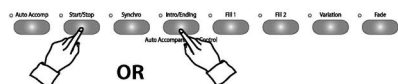
 Major: C	 Minor: Cm	 Dominant 7: C7	 Minor 7th: Cm7
 Major 7th: CM 7	 Augmented: Caug	 Diminished: Cdim	 Suspended 4: Csus4
 Minor 7b 5: Cm7-5	 Dominant Sus4: C7sus4	 Dominant Diminished: C7dim	 Dominant Augmented: C7aug
 Minor Major 7th: CmM7	 Dominant 7thb5: C7-5	 Suspended 2: Csus2	 Major 7th Augmented: CM7aug
 b5th: Cb5	 6th: C6	 Minor 6th: Cm6	 Add 9th: C9
 Minor Add 9th: Cm9	 Minor Major 7thb5: CmM7-5		

Full Keyboard

When the Full Keyboard mode is selected, the piano will automatically creates appropriate accompaniment while you play just about anything using both hands, anywhere on the keyboard. You don't have to worry about specifying the accompaniment chords. The name of the detected chord will appear in the display. (Although Full keyboard is designed to work with many songs, some arrangements may not be suitable for use with this feature.)

STOPPING THE AUTO ACCOMPANIMENT

Press the **START/STOP** button or the **INTRO/ENDING** button to stop the Auto Accompaniment. You can also turn off the Auto Accompaniment by pressing the **AUTO ACCOMP** button (the lamp turns off).



CHANGING THE SPLIT POINT

Right range and left range for Auto Accompaniment can be divided at any keys. To assign new split point, hold down the **SPLIT** button and press a key. (Default F#4)



SPLIT POINT

When Single Finger or Fingered is selected the keyboard is automatically divided into left and right sections. You must use the left section to play the chords and the right section to play the melody.

▼ SPLIT POINT (F#4)



Recording

The piano features comprehensive song recording functions that allow you to record your own performance. Also your recorded song can be stored into an SD memory card.



RECORDING A SONG

① Select the record mode.

Select the desired voice and press the **RECORD** button, the **RECORD** lamp lights and the **TRACK 1** lamp flashes.

Auto Accompaniment styles can be recorded into the **TRACK1**. You can also use the **LAYER** and the **SPLIT** functions when you record a song.

② Start recording to the track1.

Recording starts when playing the keyboard or pressing the **PLAY/PAUSE** button.

③ Stop recording to the track1.

Recording stops when pressing the **STOP** button again.

The Track2 lamp automatically flashes, and you can record the second part of the song to the Track2.

If you want to hear the recorded song in the Track1, press the **TRACK2** button.

Then, flashing lamp of the Track2 stops.

Press the **PLAY/PAUSE** button. The recorded song of the Track1 is played.

④ Start recording to track2.

Recording starts when playing the keyboard or pressing the **PLAY/PAUSE** button.

During recording to the Track2, you can listen to the recorded song of the Track1.

⑤ Stop recording.

Recording stops when pressing the **STOP** button.

PLAYBACK OF THE RECORDER SONG

① Playback of the recorded song.

Press the **PLAY/PAUSE** button again. The recorded song is played.

✎ To delete the recorded track, press and hold the **TRACK** button about 2~3 seconds.

✎ To delete the recorded song, press and hold the **RECORD** button about 2~3 seconds.

✎ **Backing Up the recorded song.** Even if the power is turned off, the recorded song memory is not deleted.

② Return to the play mode.

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

PLAYBACK OF THE RECORDED SONG WITH MOVING KEYS

The moving keys function can be operated with the Record function.

③ **Turn on the VP POWER switch in the headphone box.** (see the **VP POWER SWITCH** section page 13.)

④ **Select the moving keys channel.** (see the **MOVING KEYS CHANNEL** section page 23.) To call up the moving keys pop-up display, press and hold the **SETUP** button and press the **VP PLAYER** button. In the moving keys pop-up display, go to the VP player by using the **DATA UP** and **DOWN** buttons and select the desired moving keys channel by using **YES** and **NO** buttons.

MOVING KEYS CHANNEL OPTIONS OF THE RECORD PLAYER

Channel Option	Description
TR 1	Piano moves keys of the recorded notes of the track 1.
TR 2	Piano moves keys of the recorded notes of the track 2.
Off	Piano Playbacks a recorded music without moving keys.

Piano does not move the key in the layered voice channel, the split voice channel, and accompaniment channels, even if the recorded track has these data.

⚠ When turning on the piano, the moving keys channel of the record player is set **OFF**. (Default value is 'OFF') So, if you don't change the option, the record player will work without moving keys.

⚠ **NOTE** When using the record player with moving keys, the piano does not make sound by playing keyboard.

Start playback of the recorded music.

Start playback of the recoered music in the normal way. (see the **RECORD** section on page 48.)

SAVING A RECORDED SONG INTO AN SD MEMORY CARD

After recording a song, the recorded song can be saved into the SD memory card.

① **Insert an SD memory card into the SD memory slot.**



⚠ **Supported SD memory cards:** This piano cannot support **High Speed SD memory card 'SD HC'**

⚠ We recommend to use only an SD memory card with this piano.

⚠ Proper operation is not guaranteed when any other types of card use.

⚠ If there is no SD memory card in the SD memory card slot, the LCD screen shows the SD card error pop-up display.

⚠ Be sure to orient the SD memory card correctly when inserting it.

⚠ Never try to force an SD memory card into the SD card slot when you feel resistance.

⚠ Never remove the SD memory card from the card slot or turn off the piano while card data is being accessed by a save, read or load operation. Doing so can corrupt the data on the memory card or even damage the card slot.

② **Call up the SD card menu.**

Press the **SD CARD** button. The LCD screen shows the SD card menu.



③ **Call up the save song pop-up display.**

Go to the **SAVE RECORDED SONG** by using **DATA** buttons or wheel and press the **YES** button.

The save song pop-up appears.



④ **Save the recorded song into the SD memory card.**

Change the big-character in the box by using the **DATA** buttons or the **DATA** wheel. When a desired character appears in the character box, press the **YES** button.

After selecting first character of your desired song name, you can select the next character. The way of the selecting character is same as above.

If you finish selecting all characters, select '.' and press the **YES** button.

The saving message pop-up appears. The LCD screen goes to main.

⚠ It takes 10~60 seconds to save the recorded song data into the SD memory card. The saving time is depend on the size of the recorded song data.

⚠ Never remove the SD memory card from the card slot or turn off the piano while card data is being accessed by a save, read or load operation. Doing so can corrupt the data on the memory card or even damage the card slot.

⚠ If the same name exists, the error pop-up appears and the recorded song is not saved. In this case, you need to another name.

⚠ The song file is save into the 'SONG_DIR' folder in the 'SYSTEM' folder of the SD memory card. These files can be deleted or copied in your PC.

⚠ If the piano does not have any recorded song in the piano memory, After the LCD screen shows the error pop-up display and goes to main menu. The song data is not saved into the SD memory card.



LOADING A RECORDED SONG FROM THE SD MEMORY CARD

The recorded song can be loaded from the SD memory card.

① **Insert an SD memory card into the SD memory slot.**

See the **SAVING THE RECORDED SONG INTO AN SD MEMORY CARD** section on page 50.

② **Call up the SD card menu.**

Press the **SD CARD** button. The LCD screen shows the SD card menu.

③ **Call up the load song pop-up display.**

Go to the **LOAD RECORDED SONG** by using the **DATA** buttons or the **DATA** wheel and press the **YES** button. The load song pop-up appears.

④ **Load a song data(file).**

Select a desired song data(file) in the song list by using the **DATA** buttons or the **DATA** wheel and press the **YES** button.

The loading song pop-up display appears in the LCD screen.

After loading the song data, the pop-up disappear and the piano is ready to play the recorded song.



Registration

A Registration is a particular setup of rhythm, sound, Auto Accompaniment or any other parameters or features you are using. To change the functions during playing you can store your desired conditions in one button. And then if you select the button, your desired conditions will be loaded immediately.

There are 5 Registration pads (1~5) and save button.

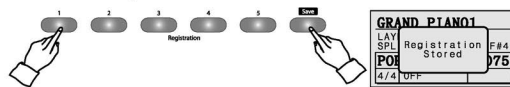
RECALL A REGISTRATION MEMORY

Press and hold down the **RECALL** button and press a **REGISTRATION** button.



STORING A REGISTRATION MEMORY

Press and hold down the **SAVE** button and press a **REGISTRATION** button.



⇨ When a registration memory is stored, the LCD screen shows the registration pop-up display.

CHANGING REGISTRATION OPTIONS

Press and hold down the **SETUP** button and press **REGISTRATION SAVE** button. The registration option pop-up appears. Move cursor to a desired option by using the **DATA** button or the **DATA** wheel and press the **YES** button to turn on or off of the option. The off options are not recalled.

INITIALIZING REGISTRATION

Press and hold down the **SETUP** button and press **REGISTRATION SAVE** button. The registration option pop-up appears. Move cursor to the **INITIALIZE REGIST** by using the **DATA** button or the **DATA** wheel and press the **YES** button. The initialize regist pop-up appears. Press the **YES** button, The initial registration values are recalled.

SAVING A REGISTRATION DATA INTO AN SD MEMORY CARD

The registration data can be saved into the SD memory card.

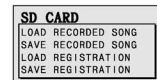
① Insert an SD memory card into the SD memory slot.



- ⇨ **Supported SD memory cards:** This piano cannot support **High Speed SD memory card 'SDHC'**
- ⇨ We recommend to use only an SD memory card with this piano.
- ⇨ Proper operation is not guaranteed when any other types of card use.
- ⇨ If there is no SD memory card in the SD memory card slot, the LCD screen shows the SD card error pop-up display.
- ⇨ Be sure to orient the SD memory card correctly when inserting it.
- ⇨ Never try to force an SD memory card into the SD card slot when you feel resistance.
- ⇨ Never remove the SD memory card from the card slot or turn off the piano while card data is being accessed by a save, read or load operation. Doing so can corrupt the data on the memory card or even damage the card slot.

② Call up the SD card menu.

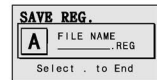
Press the **SD CARD** button. The LCD screen shows the SD card menu.



③ Call up the save registration pop-up display.

Go to the **SAVE RECORDED SONG** by using **DATA** buttons or wheel and press the **YES** button.

The save song pop-up appears.



④ Save the registration data into the SD memory card.

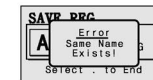
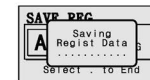
Change the big-character in the box by using the **DATA** button or the **DATA** wheel and when a desired character appears in the character box, press the **YES** button.

After selecting first character of your desired song name, you can select the next character. The way of the selecting character is same as above.

If you finish selecting all characters, select '.' and press the **YES** button.

The saving message pop-up appears. The LCD screen goes to main.

- ⇨ It takes 5~15 seconds to save the registration data into the SD memory card.
- ⇨ Never remove the SD memory card from the card slot or turn off the piano while card data is being accessed by a save, read or load operation. Doing so can corrupt the data on the memory card or even damage the card slot.
- ⇨ If the same name exists, the error pop-up appears and the registration data is not saved. In this case, you need to use another name.
- ⇨ The registration data file is save into the 'REG_DIR' folder in the 'SYSTEM' folder of the SD memory card. These files can be deleted or copied in your PC.



LOADING A REGISTRATION DATA FROM THE SD MEMORY CARD

The registration data can be loaded from the SD memory card.

① Insert an SD memory card into the SD memory slot.

See the **SAVING A REGISTRATION DATA INTO AN SD MEMORY CARD** section on page 52.

② Call up the SD card menu.

Press the **SD CARD** button. The LCD screen shows the SD card menu.

③ Call up the load registration pop-up display.

Go to the **LOAD REGISTRATION** by using the **DATA** button or the **DATA** wheel and press the **YES** button.

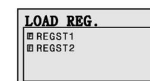
The load regist pop-up appears.

④ Load a registration data(file).

Select a desired registration data(file) in the regist file list by using the **DATA** button or the **DATA** wheel and press the **YES** button.

The loading regist pop-up display appears in the LCD screen.

After loading the regist data, the pop-up disappear and the piano is ready to play the recorded song.



SMF Player

The letters "SMF" stand for Standard MIDI file, which is a file format that allows MIDI data to be shared between different software and sequencers. There are actually three SMF formats, named SMF 0, SMF 1 and SMF 2. The piano supports the SMF 0 and SMF 1 format, which are widely used today, and so all mentions of "SMF data" in this manual refer to SMF 0 format and SMF 1 format.

PLAYBACK OF A STANDARD MIDI FILE

① Insert an SD memory card into the SD card slot on the piano.

The SD memory card should have SMF data in SMF_FILE folder.



PREPARATION

- 1) Download SMF(*.mid) to your PC at a music website.
- 2) Save the SMF to your SD memory card from your PC.
 - The SMF should be saved into 'SMF_FILE' folder in 'SYSTEM' folder of the SD memory card.
- The bundle SD memory card has system folder, which has SMF_FILE folder.
- **Supported SD memory cards:** This piano cannot support **High Speed SD memory card 'SD HC'**
- We recommend to use only an SD memory card with this piano. Proper operation is not guaranteed when any other types of card use.
- Be sure to orient the SD memory card correctly when inserting it.
- Never try to force an SD memory card into the SD card slot when you feel resistance.
- Never remove the SD memory card from the card slot or turn off the piano while card data is being accessed by a save, read or load operation. Doing so can corrupt the data on the memory card or even damage the card slot.

② Call up the SMF player pop-up display.

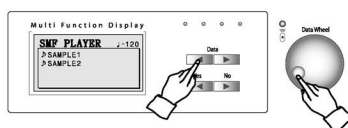
Press the **SMF PLAYER** button. The SMF player pop-up appears.



③ Select an SMF.

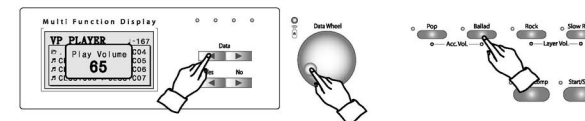
Choose a desired SMF by using **DATA** buttons or **DATA** wheel.

- Including folder 99 files can be stored into the SMF_FILE folder. If you put over 99 files, piano is not supported.
- The piano can playback SMFs in the SMF_FILE folder in SYSTEM folder.
- It's available to use folders in SMF_FILE folder. The folder can be created in your PC.



④ Start Playback of the selected SMF.

Press the **PLAY/PAUSE** button. Playback of the selected music will start.



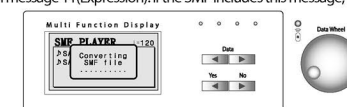
Adjusting volume of the SMF. (Same as the adjusting accompaniment.)

Adjust the player volume by using the **ACCOMP VOLUME UP** and **DOWN** buttons.

The volume can be changed by using the **DATA** buttons or the **DATA** wheel in the volume pop-up display.

Default volume is 65 (Adjusting range: 0 ~ 100).

This function uses MIDI Control message 11(Expression). If the SMF includes this message, this function does not work correctly.



Converting SMF format 1. When playback of an SMF format 1, it may take 10~60 seconds to convert the SMF.

Adjusting Tempo of the music. Each SMF has its default tempo. When starting playback of a music, tempo of the Demo music is set to default tempo. Tempo can be changed during playback of the music by using **TEMPO UP** or **DOWN** button.

- 1) When repeating a Demo music, tempo goes to default tempo.
- 2) If you press both **TEMPO UP** and **DOWN** buttons, tempo is set to default tempo.

Repeat playback of a tune.

Press the **TR1/R** button during playback of the music. After finishing of the selected music, playback of the same music will start automatically again.

Playback of ALL tunes.

Press the **TR1/A** button during playback of the music. After finishing of the selected music, playback of the next music will start automatically.

① Stop playback of a music. Press the **STOP** button.

PLAYBACK OF AN SMF WITH MOVING KEYS

The moving keys function can be operated with the SMF player.

① Turn on the VP POWER switch in the headphone box. (see the VP POWER SWITCH section page 13.)

② Select the moving keys channel. (see the MOVING KEYS CHANNEL section page 23.)

To call up the moving keys pop-up display, press and hold the **SETUP** button and press the **VP PLAYER** button. In the moving keys pop-up display, go to the VP player by using the **DATA UP** and **DOWN** buttons and select the desired moving keys channel by using **YES** and **NO** buttons.

Channel Option	Description
Auto	When a MIDI channel includes voice Grand Piano 1 (Program #0) or MIDI control 29, automatically the MIDI channel is set as the moving key Channel.
Manual Ch 1~ Ch16	Piano moves keys as the notes of the selected MIDI Channel.
Off (Default)	Piano Playbacks an SMF without moving keys.

- When turning on the piano, the moving keys channel of the SMF player is set **OFF**. (Default value is 'OFF') So, If you don't change the option, the SMF player will work without moving keys.

- The selected MIDI channel doesn't have any note events in the manual option, the player playbacks the music without moving keys.

- **NOTE** When using the SMF player with moving keys, the piano does not make sound by playing keyboard.

③ Start playback of the SMF.

Start playback of the SMF in the normal way. (see the **SMF PLAYER** section on page 54.)

General MIDI Voice & Drum Table

GM #	VOICE	GM #	VOICE
00001	Piano1	00005	Soprano Saxophone
00002	Piano2	00006	Alto Saxophone
00003	Piano3	00007	Tenor Saxophone
00004	Honky Tonk	00008	Baritone Saxophone
00005	Electric Piano 1	00009	Oboe
00006	Electric Piano 2	00010	English Horn
00007	Harpischord	00011	Bassoon
00008	Clavinet	00012	Clarinet
00009	Celesta	00013	Piccolo
00010	Glockenspiel	00014	Flute
00011	Music Box	00015	Recorder
00012	Vibraphone	00016	Pan Flute
00013	Marimba	00017	Bottle Blow
00014	Xylophone	00018	Shakuhachi
00015	Tubular Bell	00019	Whistle
00016	Dulcimer	00020	Ocarina
00017	Electric Organ	00021	Square
00018	Jazz Organ	00022	Sawtooth
00019	Rock Organ	00023	Calliope
00020	Pipe Organ	00024	Chiffer
00021	Reed Organ	00025	Charang
00022	Accordion	00026	Solo Vox
00023	Harmonica	00027	Fifths
00024	Bandonion	00028	Bass Lead
00025	Nylon Guitar	00029	Fantasia
00026	Steel Guitar	00030	Warm Pad
00027	Jazz Guitar	00031	Poly Synth
00028	Clean Guitar	00032	Space Vox
00029	Muted Guitar	00033	Bow Glass
00030	Drive Guitar	00034	Metal Pad
00031	Lead Guitar	00035	Halo Pad
00032	Harmonic Guitar	00036	Sweep Pad
00033	Acoustic Bass	00037	Ice Rain
00034	Finger Bass	00038	Sound Track
00035	Pick Bass	00039	Crystal
00036	Fretless Bass	00040	Atmosphere
00037	Slap Bass1	00041	Brightness
00038	Slap Bass2	00042	Goblin
00039	Synth Bass1	00043	Echo Drop
00040	Synth Bass2	00044	Star Theme
00041	Violin	00045	Sitar
00042	Viola	00046	Banjo
00043	Cello	00047	Shamisen
00044	Contra Bass	00048	Koto
00045	Tremolo Strings	00049	Kalimba
00046	Pizzicato Strings	00050	Bagpipe
00047	Harp	00051	Fiddle
00048	Timpani	00052	Shanai
00049	Strings	00053	Tinkle Bell
00050	Slow Strings	00054	Agogo
00051	Synth Strings1	00055	Steel Drum
00052	Synth Strings2	00056	Wood Block
00053	Choir Aahs	00057	Taiko
00054	Voice Oohs	00058	Melody Tom
00055	Synth Voice	00059	Synth Drum
00056	Orchestra Hit	00060	Reversed Cymbal
00057	Trumpet	00061	Guitar Noise
00058	Trombone	00062	Breath Noise
00059	Tuba	00063	Sea Shore
00060	Muted Trumpet	00064	Birds
00061	French Horn	00065	Telephone
00062	Brass Section	00066	Helicopter
00063	Synth Brass1	00067	Applause
00064	Synth Brass2	00068	Gunshot

	Prog 1 Standard Drum	Prog 9 Room Drum	Prog 17 Power Drum	Prog 25 Elec. Drum	Prog 26 TR-808
27-D#2	High Q				
28-E2	Slap				
29-F2	Scratch Push				
30-F#2	Scratch Pull				
31-G2	Sticks				
32-G#2	Square Click				
33-A2	Metronome Click				
34-A#2	Metronome Bell				
35-B2	Kick drum1/Jazz BD2				
36-C3	Kick drum1/Jazz BD1		Power Kick	Elec BD	808 Bass Drum
37-C#3	Side Stick				808 Rim shot
38-D3	Snare Drum1		Gated Snare	Elec SD	808 Snare Drum
39-D#3	Hand Clap				
40-E3	Snare Drum 2				
41-F3	Low Floor Tom	Room Low Tom2	Room Low Tom2	Elec Low Tom2	808 Low Tom2
42-F#3	Closed Hi Hat [EXC1]				808 CHH[EXC1]
43-G3	High Floor Tom	Room Low Tom1	Room Low Tom1	Elec Low Tom1	808 Low Tom2
44-G#3	Pedal Hi Hat [EXC1]				808 CHH[EXC1]
45-A3	Low Tom	Room Mid Tom2	Room Mid Tom2	Elec Mid Tom2	808 Mid Tom2
46-A#3	Open Hi Hat [EXC1]				808 OHH[EXC1]
47-B3	Low-Mid Tom	Room Mid Tom1	Room Mid Tom1	Elec Mid Tom1	808 Mid Tom1
48-C4	Hi Mid Tom	Room Hi Tom2	Room Hi Tom2	Elec Hi Tom2	808 Hi Tom2
49-C#4	Crash Cymbal 1				808 Cymbal
50-D4	High Tom	Room Hi Tom1	Room Hi Tom1	Elec Hi Tom1	808 Hi Tom1
51-D#4	Ride Cymbal 1				
52-E4	Chinese Cymbal			Reverse Cymbal	
53-F4	Ride Bell				
54-F#4	Tambourine				
55-G4	Splash Cymbal				
56-G#4	Cowbell				808 Cowbell
57-A4	Crash Cymbal2				
58-A#4	Vibraslap				
59-B4	Ride Cymbal2				
60-C5	Hi Bongo				
61-C#5	Low Bongo				
62-D5	Mute Hi Conga				808 High Conga
63-D#5	Open Hi Conga				808 Mid Conga
64-E5	Low Conga				808 Low Conga
65-F5	High Timbale				
66-F#5	Low Timbale				
67-G5	High Timbale				
68-G#5	Low Agogo				
69-A5	Cabasa				
70-A#5	Maracas				
71-B5	Short Whistle[EXC2]				808 Maracas
72-C6	Long Whistle[EXC2]				
73-C#6	Short Guiro[EXC3]				
74-D6	Long Guiro[EXC3]				
75-D#6	Claves				808 Claves
76-E6	Hi Wood Block				
77-F6	Low Wood Block				
78-F#6	Mute Cuica[EXC4]				
79-G6	Open Cuica[EXC4]				
80-G#6	Mute Triangle[EXC5]				
81-A6	Open Triangle[EXC5]				
82-A#6	Shaker				
83-B7	Jingle Bell				
84-C8	Belltree				
85-C#8	Castanets				
86-D8	Mute Surdo[EXC6]				
87-D#8	Open Surdo[EXC6]				
88-E8					

General MIDI Voice & Drum Table

표시창#	Prog 33 Jazz Drum	Prog 41 Brush Drum	Prog 49 Orchestra	Prog 57 SFX 1	REMARKS
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	High Q	
40 - E2		Brush Swirl	Concert SD	Slap	
41 - F2			Timpani F	Scratch Push	
42 - F#2			Timpani F#	Scratch Pull	
43 - G2			Timpani G	Sticks	
44 - G#2			Timpani G#	Square Click	
45 - A2			Timpani A	Metronome Click	
46 - A#2			Timpani A#	Metronome Bell	
47 - B2			Timpani B	Guitar Slide	
48 - C3			Timpani c	Gt Cut Noise(dw)	
49 - C#3			Timpani c#	Gt Cut Noise(up)	
50 - D3			Timpani d	Double Bass Slap	
51 - D#3			Timpani d#	Key Click	
52 - E3			Timpani e	Laughing	
53 - F3			Timpani f	Screaming	
54 - F#3				Punch	
55 - G3				Heart Beat	
56 - G#3				Footsteps1	
57 - A3			Concert Cymbal2	Footsteps2	
58 - A#3				Applause	
59 - B3			Concert Cymbal1	Door Creaking	
60 - C4				Door Closing	
61 - C#4				Scratch	
62 - D4				Wind Chime	
63 - D#4				Car Engine Start	
64 - E4				Car Breaking	
65 - F4				Car Pass	
66 - F#4				Car Crash	
67 - G4				Police Siren	
68 - G#4				Train	
69 - A4				Jet Take-off	
70 - A#4				Helicopter	
71 - B4				Starship	
72 - C5				Gun Shot	
73 - C#5				Machine gun	
74 - D5				Laser gun	
75 - D#5				Explosion	
76 - E5				Dog	
77 - F5				Horse Gallop	
78 - F#5				Birds	
79 - G5				Rain	
80 - G#5				Thunder	
81 - A5				Wind	
82 - A#5				Sea Shore	
83 - B5				Stream	
84 - C6				Bubble	
85 - C#6					
86 - D6					
87 - D#6					
88 - E6					

MIDI Implementation Chart

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 vv	O	O	#kknote ON (0-127) #vvvelocity (1-127)
Pitch Bender	EnH bi bh	O	O	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	O	Reverb Send Level
	93 BnH 5DH vv	O	O	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	X	X	

O: Yes, X: No

VP Music Library

CLASSIC 01 - CHOPIN

GROUP NAME Clssic01

Display	Title	Composer
CH001	Etude op.10 no.1	Chopin, Fryderk Francuszek
CH002	Etude op.10 no.2	
CH003	Etude op.10 no.4	
CH004	Etude op.10 no.5	
CH005	Etude op.10 no.6	
CH006	Etude op.10 no.7	
CH007	Etude op.10 no.8	
CH008	Etude op.10 no.9	
CH009	Etude op.10 no.10	
CH010	Etude op.10 no.11	
CH011	Etude op.10 no.12	
CH012	Etude op.25 no.1	
CH013	Etude op.25 no.2	
CH014	Etude op.25 no.3	
CH015	Etude op.25 no.4	
CH016	Etude op.25 no.5	
CH017	Etude op.25 no.6	
CH018	Etude op.25 no.7	
CH019	Etude op.25 no.8	
CH020	Etude op.25 no.9	
CH021	Etude op.25 no.10	
CH022	Etude op.25 no.11	
CH023	Nocturne op.9 no.1	Chopin, Fryderk Francuszek
CH024	Nocturne op.9 no.2	
CH025	Nocturne op.15 no.2	
CH026	Nocturne op.27 no.2	
CH027	Nocturne op.32 no.1	
CH028	Nocturne op.37 no.1	
CH029	Nocturne op.37 no.2	
CH030	Nocturne op.48 no.1	
CH031	Nocturne op.55 no.1	
CH032	Nocturne op.62 no.2	
CH033	Nocturne op.72 no.1	
CH034	Sonata op.3 no.3	
CH035	Sonata op.3 no.4	
CH036	Mazurka op.6 no.1	
CH037	Mazurka op.6 no.2	
CH038	Mazurka op.6 no.3	
CH039	Mazurka op.6 no.4	
CH040	Mazurka op.7 no.1	
CH041	Mazurka op.7 no.2	
CH042	Mazurka op.7 no.3	
CH043	Mazurka op.7 no.4	
CH044	Mazurka op.7 no.5	
CH045	Mazurka op.17 no.1	
CH046	Mazurka op.17 no.2	
CH047	Mazurka op.17 no.3	
CH048	Mazurka op.17 no.4	
CH049	Mazurka op.24 no.1	
CH050	Mazurka op.24 no.2	

CLASSIC 02 - Chopin

GROUP NAME Clssic02

Display	Title	Composer
CH051	Mazurka op.24 no.3	Chopin, Fryderk Francuszek
CH052	Mazurka op.24 no.4	
CH053	Mazurka op.30 no.1	
CH054	Mazurka op.30 no.2	
CH055	Mazurka op.30 no.3	
CH056	Mazurka op.30 no.4	
CH057	Mazurka op.33 no.1	
CH058	Mazurka op.33 no.2	
CH059	Mazurka op.33 no.3	
CH060	Mazurka op.33 no.4	
CH061	Mazurka op.41 no.1	
CH062	Mazurka op.41 no.2	
CH063	Mazurka op.41 no.3	
CH064	Mazurka op.41 no.4	
CH065	Mazurka op.50 no.1	
CH066	Mazurka op.50 no.2	
CH067	Mazurka op.50 no.3	
CH068	Mazurka op.56 no.1	
CH069	Mazurka op.56 no.2	
CH070	Mazurka op.56 no.3	
CH071	Mazurka op.59 no.1	
CH072	Mazurka op.59 no.2	
CH073	Mazurka op.59 no.3	Chopin, Fryderk Francuszek
CH074	Mazurka op.63 no.1	
CH075	Mazurka op.63 no.2	
CH076	Mazurka op.63 no.3	
CH077	Mazurka op.67 no.1	
CH078	Mazurka op.67 no.2	
CH079	Mazurka op.67 no.3	
CH080	Mazurka op.67 no.4	
CH081	Mazurka op.68 no.1	
CH082	Mazurka op.68 no.2	
CH083	Mazurka op.68 no.3	
CH084	Mazurka op.68 no.4	
CH085	Polonaise op.41 no.1	
CH086	Trois Nouvelles Etude No.1	
CH087	Scherzo no.1	
CH088	Scherzo no.2	
CH089	Scherzo no.3	
CH090	Waltz op.34 no.1	
CH091	Waltz op.34 no.2	
CH092	Waltz op.64 no.1	
CH093	Waltz op.64 no.2	
CH094	Waltz op.64 no.3	
CH095	Waltz op.69 no.2	
CH096	Waltz op.70 no.2	
CH097	Waltz op.56	
CH098	Impromptu - No. 4 c sharp minor (Fantasie-Impromptu) Op.66	
CH099	Ballade no. 1 in g minor op.23	
CH100	Ballade no.2 in F Major, op.38	

CLASSIC 03 - Chopin and Brahms
GROUP NAME Cllsic03

Display	Title	Composer
CH101	Ballade no.3 in A flat Major, op.47	Chopin, Fryderk Francuszek
CH102	Ballade no.4 in f minor, op.52	
CH103	Prelude op.28 no.1 in C Major- Agitato	
CH104	Prelude no.28 no.2 in a minor- Lento	
CH105	Prelude op.28 no.3 in G Major- Vivace	
CH106	Prelude op.28 no.4 in e minor- Largo	
CH107	Prelude op.28 no.5 in D Major- Molto allegro	
CH108	Prelude op.28 no.6 in b minor- Assai lento	
CH109	Prelude op.28 no.7 in A Major- Andantino	
CH110	Prelude op.28 no.8 in f-sharp minor- Molto agitato	
CH111	Prelude op.28 no.9 in E Major- Largo	
CH112	Prelude op.28 no.10 in c-sharp minor- Molto allegro	
CH113	Prelude op.28 no.11 in B Major- Vivace	
CH114	Prelude op.28 no.12 in g-sharp minor- Presto	
CH115	Prelude op.28 no.13 in F-sharp Major- Lento	
CH116	Prelude op.28 no.14 in e-flat minor- Allegro	
CH117	Prelude op.28 no.15 in D-flat Major- Sostenuto	Brahms, Johannes
CH118	Prelude op.28 no.16 in b-flat minor- Presto con fuoco	
CH119	Prelude op.28 no.17 in A-flat Major- Allegretto	
CH120	Prelude op.28 no.18 in f minor- Molto allegro	
CH121	Prelude op.28 no.19 in E-flat Major- Vivace	
CH122	Prelude op.28 no.20 in c minor- Largo	
CH123	Prelude op.28 no.21 in B-flat Major- Cantabile	
CH124	Prelude op.28 no.22 in g minor- Molto agitato	
CH125	Prelude op.28 no.23 in F Major- Moderato	
CH126	Prelude op.28 no.24 in d minor- Allegro appassionato	
BR01	Ballade in D major, op.10 no.2	Brahms, Johannes
BR02	Capriccio in b minor, op.76 no.2	
BR03	Hungarian Dance no.5 in f sharp mino	
BR04	Waltzes no.2 in E major	
BR05	Waltzes no.5 in E major	
BR06	Waltzes no.6 in C sharp major	
BR07	Hungarian Dance no.9 in e minor	
BR08	Waltzes in A flat major, op.39 no.15	

CLASSIC 04 - Mozart and Others
GROUP NAME Cllsic04

Display	Title	Composer
M01	Piano Sonata no.9 in a minor, KV310	Mozart, Wolfgang Amadeus
M02	K310-1 (Allegro maestoso)	
M03	K310-2 (Andante cantabile con espressione)	
M04	Piano Sonata no.10 in C major, KV330	Mozart, Wolfgang Amadeus
M05	K330-1 (Allegro moderato)	
M06	K330-2 (Andante cantabile)	
M07	Piano Sonata no.11 in A major, KV331	Mozart, Wolfgang Amadeus
M08	K331-1 (Andante grazioso, con variazioni)	
M09	K331-2 (Minuetto)	
M10	Piano Sonata no.12 in A major, KV332	Mozart, Wolfgang Amadeus
M11	K332-1 (Allegro)	
M12	K332-2 (Adagio)	
M13	Piano Sonata no.13 in B flat major, KV333	Mozart, Wolfgang Amadeus
M14	K333-1 (Allegro)	
M15	K333-2 (Andante cantabile)	
M16	Piano Sonata no.14 in c minor, KV457	Mozart, Wolfgang Amadeus
M17	K457-1 (Allegro)	
M18	K457-2 (Adagio)	
M19	Piano Sonata no.16 in C major, KV455	Mozart, Wolfgang Amadeus
M20	K545-1 (Allegro)	
M21	K545-2 (Andante)	
M22	Piano Sonata no.18 in B flat major, KV570	Mozart, Wolfgang Amadeus
M23	K570-1 (Allegro)	
M24	K570-2 (Adagio)	
M25	Piano Sonata no.19 in D major, KV576	Mozart, Wolfgang Amadeus
M26	K576-1 (Allegro)	
M27	K576-2 (Adagio)	
M28	Fantasia no.3 in d minor, KV397	Mozart, Wolfgang Amadeus
M29	Fantasia no.4 in c minor, KV475	
M30	Variations "Ah! Vous dirai-je, Maman"	
M31	Pastorale variee	Mozart, Wolfgang Amadeus
M32	Romance in A flat major	
M33	Rondo in D major, KV485	
BE01	Sonate no.8 in c minor, op.13 'Pathetique'	Beethoven, Ludwig van
BE02	Grave - Allegro molto e con brio	
BE03	Adagio cantabile	
BE04	Rondo - Allegro	Beethoven, Ludwig van
BE05	Sonate no.14 in c sharp minor, op.27 no.2 'Moonlight'	
BE06	Adagio sostenuto	
BE07	Allegretto	Beethoven, Ludwig van
BE08	Presto con fuoco	
H01	Country Dance no. 1	
H02	Rondo a capriccio, op. 129	Handel, Friedrich Georg
H03	"The harmonious Blacksmith"	
H04	Largo, piano (transcription by other composers)	Handel, Friedrich Georg
H05		

CLASSIC 05 - Debussy and Others

GROUP NAME Cllsic05

Display	Title	Composer
D01	Jardins sous la pluie	Debussy, Claude Achille
D02	Arabesque No.1 in E major	
D03	Golliwog's CakeWalk	
D04	Images, 1er Livre 1. Reflets dans l'eau	
D05	Images, 1er Livre 2. Hommage a Rameau	
D06	Images, 1er Livre 3. Mouvement	
D07	Preludes (1er Livre)	
	[selection] Prelude VI (Des pas sur la neige)	
D08	Preludes (1er Livre)	
	[selection] Prelude VIII (La fille aux cheveux de lin)	
D09	Preludes (1er Livre)	
	[selection] Prelude X (La cathedrale engloutie)	
D10	Suite bergamesque 1. Prelude	Faure, Gabriel
D11	Suite bergamesque 2. Menuet	
D12	Suite bergamesque 3. Clair de lune	
D13	Suite bergamesque 4. Passepied	
D14	Pour le piano 1. Prelude	
D15	Pour le piano 2. Sarabande	
D16	Pour le piano 3. Toccata	
D17	Pour le piano(II) 1. L'isle joyeuse	
D18	Pour le piano(II) 2. Masque	
D19	Pour le piano(II) 3. La plus que lente	
D20	Little pieces 1. Ballade	
D21	Little pieces 2. Nocturne	
D22	Little pieces 3. Reverie	
D23	Little pieces 4. Dance	
D24	Petite Suite, for piano 4-hands 1. En Bateau	
D25	Petite Suite, for piano 4-hands 2. Cortege	
D26	Petite Suite, for piano 4-hands 3. Menuet	
D27	Petite Suite, for piano 4-hands 4. Ballet	
D28	"The Afternoon of a Fawn" for piano 4-hands	
D29	Children's Corner	
F01	"Romance sans paroles", in A flat major, op.17 no.1	Hindemith, Paul
F02	Barcarolle op.26	
F03	Dolly Suite, op.56 - Berceuse	
F04	Dolly Suite, op.56 - Mi-a-ou	
F05	Dolly Suite, op.56 - Jardin de Dolly	
F06	Dolly Suite, op.56 - Kitty Valse	
F07	Dolly Suite, op.56 - Tendresse	
F08	Dolly Suite, op.56 - Le Pas Espagnole	
HIN01	Massig schnell	Dvorak, Antonin
HIN02	Ruhig bewegt	
HIN03	Munter. Schnelle Viertel	
HIN04	Lebhaft, sehr markiert	
HIN05	Schnell. Ganze Takte	
HIN06	Gemächlich	
HIN07	Schnell und wild	
HIN08	Massig schnell	
HIN09	Langsam, ruhig schreitend	
HIN10	Munter, ziemlich lebhaft	
HIN11	Massig schnell	
HIN12	Bewegt	
DV01	Humoresque in G flat major, op.101 no.7	

CLASSIC 06 - Schumann and Others

GROUP NAME Cllsic06

Display	Title	Composer
SCHU01	Papillon op.2 no.1, Widmung Scenes from Childhood op.15	Schumann, Robert Alexander
SCHU02	From foreign lands and peoples in G major	
SCHU03	Blind man's bluff in b min d in D major	
SCHU04	Pleasing child in D major	
SCHU05	An importan event in A major	
SCHU06	Dreaming or Reverie in F major	
SCHU07	Knight of the hobbyhorse in C major	
SCHU08	Child falling asleep in e minor	
SCHU09	The poet speaks in G major	
SCHU10	Kreisleriana, op.16 no.7	
SCHU11	Klavier in Fughettenform, op.126	
SCHU12	Nicht schnell, leise vorzutrgen	
SCHU13	Ziemlich langsam, empfindungsvoll vorzutragen	
SS01	Etudes 6. In Waltz form	Saint-Saens, Camille
SS02	Il bacio (The swan)	
SS03	My heart at thy sweet voice	
ALBEN01	Asturias	Albeniz, Isaac Manuel Francisco
ALBEN02	Iberia, Book 1 (1907)	
ALBEN03	1. Evocacion 2. El Puerto	
MEN01	Venetianisches Gondellied, op.19 no.6	Mendelssohn - Bartholdy, Felix
MEN02	Venetianisches Gondellied, op.30 no.6	
MEN03	Duet in A flat major, op.38 no.6	
MEN04	Venetianisches Gondellied, op.62 no.5	
MEN05	Spring song / Frullingslied, op.62 no.6	
MEN06	Spinning song / Spinnerlied, op.67 no.4	
MEN07	Lost illusions in f sharp minor	
MEN08	Rondo Capriccioso in E major op.14	
MEN09	Scherzo in b minor op.16 no.2	
MEN10	Variations serieuses, for piano in d minor, op.54	
MEN11	Auf Flugeln des Gesanges	
RA01	Miroirs	Ravel, Maurice Joseph
RA02	Noctuelles Oiseaux tristes	
RA03	Le Tombeau de Couperin, Suite	
RA04	Prelude	
RA05	Fugue	
RA06	Forlane	
RA07	Rigaudon	
RA08	Menuet	
RA09	Toccata	
RA10	Pavane pour une infante defunte	
RA11	Menuet sur le nom d'Haydn	
RA12	A la maniere de Borodin	
RA13	A la maniere de Emmanuel Chabrier	
RA14	Prelude	
RA15	Ma mere L'oye, Suite	
RA16	Pavane de la Belle au bois dormant	
RA17	Petit Poucet	
RA18	Laideronnette, Imperatrice des Pagodes	
RA19	Le jardin feerique	
RA18	Jeux d'eau	
RA19	Menuet antique	

CLASSIC 07 - Haydn and Others

GROUP NAME Cllsic07

Display	Title	Composer
ANON01	Fuga g-moll	Anonymous
CLE01	Piano Sonata Op.7 No.3	Clementi, Muzio
CLE02	1. Allegro con spirito	
CLE03	2. Cantabile e lento	
CLE04	3. Presto	
CLE05	Piano Sonata Op.12 No.2 in Eb Major	
CLE06	1. Presto	
CLE07	2. Largo	
CLE08	3. Assai allegro	
CLE09	Piano Sonata Op.26 No.3 in D Major	
CLE10	1. Presto	
CLE11	2. Un poco andante	
CLE12	3. Assai allegro	
COUP01	Piano Sonata Op.24 No.2 in F Major	
ELMEN01	1. Allegro con spirito	
GURLI01	2. Adagio	
	3. Rondo - Allegretto con spirito	
CUP01	The little Windmills	Couperin, Francois
ELMEN01	Spinnerlie op14-4	Ellmenreich, Albert
GURLI01	The Fair, Op. 101, No. 8	Gurlitt, Cornelius
HAYD01	Andante with Variations in f minor, Hob. XVII6 (1793)	Haydn, Franz Joseph
HAYD02	Andante with Variations in f minor	
HAYD03	Trio	
HAYD04	Variation I	
HAYD05	Variation II	
JEN01	Finale	
JEN01	Die Muhle	Jensen A.
LIST01	12 Etudes d'execution transcendante (Transcendental Etudes), S 139	Liszt, Franz
MUSS01	Etude Transcendante in d minor, Mazeppa	
RIM01	Une Larme	Mussorgsky, Modest
	The flight of the bumble bee (by S. Rachmaninov)	Rimsky, Korsakov
SATIE01	TROIS GYMNOPEDIE	Satie, Erik
SATIE02	SATIE01 Gymnopedie 1ere	
SATIE03	SATIE02 Gymnopedie 2eme	
SATIE04	TROIS GROSSIENNES	
	SATIE03 Grosseienne 1ere	
	SATIE04 Grosseienne 3eme	
TELEM01	- Harpsichord music -	Telemann, Georg
TELEM02	12 Fantasie per clavicembalo (TWV 33)	Philipp
TELEM03	TELEM01 1. Fantasia	
TELEM04	TELEM02 2. Fantasia	
TELEM05	TELEM03 3. Fantasia	
TELEM06	TELEM04 4. Fantasia	
TELEM07	TELEM05 5. Fantasia	
TELEM08	TELEM06 6. Fantasia	
TELEM09	TELEM07 7. Fantasia	
TELEM10	TELEM08 8. Fantasia	
TELEM11	TELEM09 9. Fantasia	
TELEM12	TELEM10 10. Fantasia	
TCHAI01	TELEM11 11. Fantasia	
TCHAI02	TELEM12 12. Fantasia	
TCHAI03	4. Mama	Tchaikovsky, Peter
	13. Kamarinskaya	Ilich
	16. Old French Air	

CLASSIC 08 - Bach

GROUP NAME Cllsic08

Display	Title	Composer
BA1-01	-Harpsichord or Clavichord works-	Bach, Johann
BA1-02	Preambulum in C major, BWV924	Sebastian
BA1-03	Preambulum in D major, BWV925	
BA1-04	Prelude in d minor, BWV926	
BA1-05	Preambulum in F major, BWV927	
BA1-06	Prelude in F major, BWV928	
BA1-07	Trio Prelude in g minor, BWV929	
BA1-08	Preambulum in g minor, BWV930	
BA1-09	Prelude in C major, BWV933	
BA1-10	Prelude in c minor, BWV934	
BA1-11	Prelude in d minor, BWV935	
BA1-12	Prelude in D major, BWV936	
BA1-13	Prelude in E major, BWV937	
BA1-14	Prelude in e minor, BWV938	
BA1-15	Prelude in C major, BWV939	
BA1-16	Prelude in d minor, BWV940	
BA1-17	Prelude in e minor, BWV941	
BA1-18	Prelude in a minor, BWV942	
	Prelude in C major, BWV943	
BA1-19	j0Two-Voice Inventions;j0	
BA1-20	Invention in C major, BWV772	
BA1-21	Invention in c minor, BWV773 [Canon]	
BA1-22	Invention in D major, BWV774	
BA1-23	Invention in d minor, BWV775	
BA1-24	Invention in E flat major, BWV776	
BA1-25	Invention in E major, BWV777	
BA1-26	Invention in e minor, BWV778	
BA1-27	Invention in F major, BWV779	
BA1-28	Invention in f minor, BWV780	
BA1-29	Invention in G major, BWV781 [Fugue]	
BA1-30	Invention in g minor, BWV782 [Double-Fugue]	
BA1-31	Invention in A major, BWV783	
BA1-32	Invention in a minor, BWV784	
BA1-33	Invention in B flat major, BWV785	
BA1-34	Invention in h minor, BWV786 [Fugue]	
BA1-35	j0Three-Voice Sinfonias;j0	
BA1-36	Sinfonia in C major, BWV 787 [Fugue]	
BA1-37	Sinfonia in c minor, BWV 788 [Fugue]	
BA1-38	Sinfonia in D major, BWV 789 [Fugue]	
BA1-39	Sinfonia in d minor, BWV 790 [Fugue]	
BA1-40	Sinfonia in E flat major, BWV 791 [Two parts Fugue]	
BA1-41	Sinfonia in E major, BWV792 [Fugue]	
BA1-42	Sinfonia in e minor, BWV793 [Fugue]	
BA1-43	Sinfonia in F major, BWV794 [Fugue]	
BA1-44	Sinfonia in f minor, BWV795 [Triple-Fugue]	
BA1-45	Sinfonia in G major, BWV796 [Fugue]	
BA1-46	Sinfonia in g minor, BWV797 [Fugue]	
BA1-47	Sinfonia in A major, BWV798 [Fugue]	
BA1-48	Sinfonia in a minor, BWV799 [Fugue]	
	Sinfonia in B flat major, BWV800 [Fugue]	
	Sinfonia in h minor, BWV801 [Two voice]	

CLASSIC 09 - Bach
GROUP NAME Cllsic09

Display	Title	Composer
	-Harpsichord or Clavichord works- (Four Duettos) Duettos from 'Clavier Ubung' III	Bach, Johann Sebastian
BA2-01	Duette I in e minor, BWV802	
BA2-02	Duette II in F major, BWV803	
BA2-03	Duette III in G major, BWV804	
BA2-04	Duette IV in a minor, BWV805	
	- English Suites (from BWV 806 to BWV 811)	
	Suite in A major, BWV 806	
BA2-05	I. Prelude	
BA2-06	II. Allemande	
BA2-07	III. Courante	
BA2-08	IV. Courante II - Double I & II	
BA2-09	V. Sarabande	
BA2-10	VI. Bourree I & II	
BA2-11	VII. Gigue	
	Suite in a minor, BWV 807	
BA2-12	I. Prelude	
BA2-13	II. Allemande	
BA2-14	III. Courante	
BA2-15	IV. Sarabande	
BA2-16	V. Bourree I & II	
BA2-17	VI. Gigue	
	Suite in g minor, BWV 808	
BA2-18	I. Prelude	
BA2-19	II. Allemande	
BA2-20	III. Courante	
BA2-21	IV. Sarabande	
BA2-22	V. Gavotte	
BA2-23	VI. Gigue	
	Suite in F Major, BWV 809	
BA2-24	I. Prelude	
BA2-25	II. Allemande	
BA2-26	III. Courante	
BA2-27	IV. Sarabande	
BA2-28	V. Menuett I	
BA2-29	VI. Menuett II	
BA2-30	VII. Gigue	
	Suite in e minor, BWV 810	
BA2-31	I. Prelude	
BA2-32	II. Allemande	
BA2-33	III. Courtante	
BA2-34	IV. Sarabande	
BA2-35	V. Passepied I	
BA2-36	VI. Passepied I Da Capo	
BA2-37	VII. Gigue	
	Suite in d minor, BWV 811	
BA2-38	I. Prelude	
BA2-39	II. Allemande	
BA2-40	III. Courante	
BA2-41	IV. Sarabande	
BA2-42	V. Gavotte I & II	
BA2-43	VI. Gigue	

CLASSIC 10 - Bach
GROUP NAME Cllsic10

Display	Title	Composer
	-Harpsichord or Clavichord works- - French Suites	Bach, Johann Sebastian
	Suite in c minor, BWV 813	
BA3-01	I. Allemande	
BA3-02	II. Courante	
BA3-03	III. Sarabande	
BA3-04	IV. Menuett I	
BA3-05	V. Menuett II	
BA3-06	VI. Gigue	
	Suite in h minor, BWV 814	
BA3-07	I. Allemande	
BA3-08	II. Courante	
BA3-09	III. Sarabande	
BA3-10	IV. Menuett - Trio	
BA3-11	V. Anglaise	
BA3-12	VI. Gigue	
	Suite in E flat major, BWV 815	
BA3-13	I. Allemande	
BA3-14	II. Courante	
BA3-15	III. Sarabande	
BA3-16	IV. Menuett	
BA3-17	V. Gavotte	
BA3-18	VI. Air	
BA3-19	VII. Gigue	
	Suite in E major, BWV 817	
BA3-20	I. Allemande	
BA3-21	II. Courante	
BA3-22	III. Sarabande	
BA3-23	IV. Gavotte	
BA3-24	V. Polonaise	
BA3-25	VI. Menuett	
BA3-26	VII. Bourre	
BA3-27	VIII. Gigue	
BA3-28	-Pipe Organ- Praludium und Fuge in B BWV560	
	-Harpsichord or Clavichord works- (Separated pieces of Suites)	
BA3-29	Allemanda, BWV835	
BA3-30	Minuetto in G major, BWV841	
BA3-31	Scherzo, BWV844	
	(Clavierbuchlein II fur Anna Magdalena)	
BA3-32	Polonese in d minor	
BA3-33	Solo per il Cembalo in E flat major	
BA3-34	Polonese in G major	
BA3-35	Minuetto in d minor	
BA3-36	Fantasia in c minor, BWV919	
	-Piano works-	
BA3-37	15 Symphonien 1	
BA3-38	15 Symphonien 6	
BA3-39	Wohltemperiertes Klavier-Pledudio 1	
BA3-40	Wohltemperiertes Klavier-Fugal	

JAZZ 01 - Ensemble
GROUP NAME JAZZ01

Display	Title/Artist
JE0001	Blues in C - Fuller, L
JE0002	Good Bait - Damer.,Basie
JE0003	Love walked in - Gershwin
JE0004	In a mellowtone - Duke Ellington
JE0005	Satin doll - Duke Ellington
JE0006	It don't mean a thing - Duke Ellington
JE0007	Take Five
JE0008	Carnival - Banfa, L.
JE0009	Someday my prince will come - Churchill
JE0010	Blues in F - Ganon, O
JE0011	Falling for you - Ganon, O
JE0012	So nice - Ganon, O
JE0013	I said it before - Ganon, O
JE0014	Night Breeze - Ganon, O
JE0015	Cherokee (Miles Black ver.) - Noble Ray
JE0016	The Rose - McBroom, A.
JE0017	The shadow of your smile - Mandel, J.
JE0018	Days of wine and roses - Mancini
JE0019	Come rain or come shine - Mercer, Arlen
JE0020	Wind Beneath my wings - Henley,Silb.
JE0021	Old Devil Moon - Harb.,Lane
JE0022	Easy to Love - Porter, Cole
JE0023	I Concentrate on You - Porter, Cole
JE0024	I Get a Kick out of you - Porter, Cole
JE0025	I Love You (Accompaniment) - Porter, Cole
JE0026	Night and Day - Porter, Cole
JE0027	You'd be so nice to come home to - Porter, Cole
JE0028	Easy Living - Rainger
JE0029	Falling in Love with Love - Rodgers/Hart
JE0030	Have you met miss Jones - Rodgers/Hart
JE0031	I didn't know what time it was (Accompaniment) - Rodgers/Hart
JE0032	I didn't know what time it was - Rodgers/Hart
JE0033	My funny Valentine (Accompaniment) - Rodgers/Hart
JE0034	When your lover has gone - Swan, E.A.
JE0035	There is no greater love - Symes/Jones
JE0036	Here's That Rainy Day (Larry Fuller Version) - Van Heusen
JE0037	Polka Dots and Moonbeams (Accomp. Version) - Van Heusen
JE0038	The More I see you (Accompaniment) - Warren, H.
JE0039	September in the Rain (Accompaniment) - Warren/Dubin
JE0040	I want to be Happy - Youm./Caesar
JE0041	Abstraction Blue [For Georgia O'Keeffe] - Renee Rosnes
JE0042	50's Cha-cha - Rebeca Mauleon-Santana
JE0043	Afternoon in Carmel - Miles Black
JE0044	The Low Road - Brad Turner
JE0045	Pieces of Sky - Miles Black
JE0046	Pastels - Ron Johnston
JE0047	Caller #9 - Brad Turner
JE0048	Lexicon - Renee Rosnes
JE0049	Little P.A. - Brad Turner
JE0050	Moderno Blues - Miles Black

JAZZ 02 - Ensemble
GROUP NAME JAZZ02

Display	Title/Artist
JE0051	Devonitely - Ron Johnston
JE0052	Devon's Delight - Ron Johnston
JE0053	Dublin - Ron Johnston
JE0054	Filomena - Ron Johnston
JE0055	Flying Duck - Miles Black
JE0056	For the Moment - Renee Rosnes
JE0057	Gift of Love - Ron Johnston
JE0058	Girlie's World - Renee Rosnes
JE0059	Gotham - Brad Turner
JE0060	I.A. Blues - Renee Rosnes
JE0061	Lifewish - Renee Rosnes
JE0062	Lookout - Miles Black
JE0063	Mizmahta - Renee Rosnes
JE0064	One For Walton - Renee Rosnes
JE0065	One Look - Brad Turner
JE0066	Pale Moon - Miles Black
JE0067	One World - Renee Rosnes
JE0068	Orion's Belt - Renee Rosnes
JE0069	Robin - Ron Johnston
JE0070	Roxy - Brad Turner
JE0071	Sixth Sense - Ron Johnston
JE0072	Snakes & Ladders - Miles Black
JE0073	Something Like - Miles Black
JE0074	Song for PJ - Miles Black
JE0075	Summerset - Miles Black
JE0076	The Gift - Renee Rosnes
JE0077	The Land of Five Rivers - Renee Rosnes
JE0078	A Foggy Day
JE0079	Cloudy Day Blues - Miles Black
JE0080	Cafe in Paris - Miles Black
JE0081	Flippin' and a Flyin' - Miles Black
JE0082	Gone With the Dawn - Miles Black
JE0083	Good Cookin' - Miles Black
JE0084	Gypsy Blues - Miles Black
JE0085	A Noro - Son Traditi
JE0086	Afro-Cuban Mood - Rebeca Mauleon-Santana
JE0087	Lazy Evening Blues - Miles Black
JE0088	Rockin' My Soul - Miles Black
JE0089	Solo T U - Bolero
JE0090	Mambo for One - Mambo Latin
JE0091	Peruchineando - Son Traditi
JE0092	Batucada Pra Voce - Batucada
JE0093	Batu-Salsa - Batucada
JE0094	Blue Cha-cha - Cha-cha-ch
JE0095	Bomb tico - Bomba
JE0096	Bossa Me - Bossa Nova
JE0097	Afro a Cuatro - Rebeca Mauleon Santana
JE0098	Baila Rumberita - Rebeca Mauleon-Santana
JE0099	Bata-Montuno - Mambo Latin
JE0100	Cafe Ole - Mambo Latin

JAZZ 03 - Ensemble
GROUP NAME JAZZ03

Display	Title/Artist
JE0101	Congarama - Conga
JE0102	Descargando - Mambo Latin
JE0103	Three 2 Samba - Samba
JE0104	Trio Para Noro - Son Contemp
JE0105	Trio Uno - Bolero
JE0106	West Coast Cha-cha - Cha cha cha
JE0107	Nueva York Mambo - Guaracha La
JE0108	Pachanga - Pachanga
JE0109	Funky Son cha - Son Montuno
JE0110	Gitanita - Rumba Flamen
JE0111	Good Bye Bossa - Bossa Nova
JE0112	Dile a Fulana - Son-Montuno
JE0113	Funky Mambo - Mambo Latin
JE0114	Songomania - Songo
JE0115	Las Guajiritas - Guajira
JE0116	In a Groove - 6.8
JE0117	La Batidora - Merengue
JE0118	La Jefa - Guaracha La
JE0119	El Paname - Danza
JE0120	Mambo Mulato - Mambo Latin
JE0121	Minor Details - Mambo Latin
JE0122	Mi Partido - Partido Alto
JE0123	Partidido Felicidad - Partido Alto
JE0124	Sonando - Son Traditi
JE0125	Samba Rose - Samba
JE0126	Sabroso - Descarga Sa
JE0127	Plenera - Plena
JE0128	Montuneando - Son-Montuno
JE0129	Mi Cumbia - Cumbia128 Montuneando - Son-Montuno
JE0130	Merengation - Merengue
JE0131	Danza for One - Danza
JE0132	I Got Calypso - Calypso-son
JE0133	As We Are Now - Renee Rosnes
JE0134	Come To Me - Ron Johnston
JE0135	Donna Lee - Charlie Parker
JE0136	Blues for Alice - Charlie Parker
JE0137	Dear Old Stockholm - Charlie Parker
JE0138	Shaw "Nuff - Charlie Parke
JE0139	Ornithology - Charlie Parker
JE0140	Black Diamond - Bill Evans
JE0141	Hideout - David Sanborn
JE0142	Maputo - David Sanborn

JAZZ 04 - Piano Solo
GROUP NAME JAZZ04

Display	Title/Artist
JS0001	Oh lady be good - Gershwin
JS0002	Someone to watch over me - Gershwin
JS0003	The man I love - Gershwin
JS0004	They can't take that away from me - Gershwin
JS0005	Nice work if you can get it - Gershwin
JS0006	I god it bad
JS0007	Mood Indigo - Duke Allington
JS0008	Blues for Dr.John - Black, Miles
JS0009	Boogie Blues - Black, Miles
JS0010	Don't get around much anymore - Duke Ellington
JS0011	Hey there - Adler,, Ross
JS0012	In a Sentimental Mood - Duke Ellington
JS0013	Prelude to a Kiss - Duke Ellington
JS0014	Arthur's Theme - Bacharach
JS0015	Gentle Rain - Bonfa, L.
JS0016	Ray's Mood - Black, Miles
JS0017	I left my heart is San Francisco - Cross, cory
JS0018	Bill Bailey - Canon, H
JS0019	East of the Sun - Bowman
JS0020	I'm Walkin - Batholomew
JS0021	Melancholy Baby - Burn,, Norton
JS0022	Misty - Erroll Garner
JS0023	Brooklyn - Ganon, O
JS0024	Jay's Blues - Ganon, O
JS0025	Search - Ganon, O
JS0026	Warm - Ganon, O
JS0027	Santa Marta - Ganon, O
JS0028	Then came September - Ganon, O
JS0029	Blue in Green - Davis, Miles
JS0030	Nardis - Davis, Miles
JS0031	Begin the Beguine - Porter, Cole
JS0032	Autumn Leaves - Joseph Kosma
JS0033	How about you - Freed,,Lane
JS0034	You go to my head - Gill,,Goots
JS0035	Secret Love - Fain,,Webster
JS0036	Angle Eyes - Dennis, M.
JS0037	I'll remember April - Raye, Depaul
JS0038	I can't get started - Duke Vern
JS0039	New york New york - Ebb,,Kander
JS0040	Wave - Jobim A.C.
JS0041	Triste - Jobim A.C.
JS0042	Indian Summer - Herb., Dubin
JS0043	A child is born - Jones, Thad
JS0044	After you've gone - Layton
JS0045	As time goes by - Hupfield, H.
JS0046	Poor Butterfly - Hubbell
JS0047	The way we were - Hamlish, M
JS0048	Once in a while - Green, Edward
JS0049	Don't blame me - McHugh, J.
JS0050	Emily - Mandel, J

JAZZ 05 - Piano Solo
GROUP NAME JAZZ05

Display	Title/Artist
JS0051	Grow worm - Lincke
JS0052	What are you doing the rest of your life - LeGrande, M.
JS0053	My one and only love - Mellin, Wood
JS0054	Green dolphin street - Kaper, B.
JS0055	People - Merrill, Styne
JS0056	Young and foolish - Horw., Hague
JS0057	Sweet Georgia Brown (Lou Stein Ver.) - Pinkard
JS0058	Sweet Georgia Brown (Miles Black Ver.) - Pinkard, B.
JS0059	Begin the Beguine - Porter, Cole
JS0060	It's All Right with me - Porter, Cole
JS0061	Laura (Larry Fuller Ver.) - Raksin, D.
JS0062	Laura (Ron Johnston Ver.) - Raksin, D.
JS0063	I could write a Book - Rodgers/Hart
JS0064	My funny Valentine - Rodgers/Hart
JS0065	Spring is Here (Version 1) - Rodgers/Hart
JS0066	Spring is Here (Version 2) - Rodgers/Hart
JS0067	This can't be Love - Rodgers/Hart
JS0068	Where or when - Rodgers/Hart
JS0069	Blues in Bb - Sigerson, C.
JS0070	Ebb Tide (2 Versions) - Sigman
JS0071	You made me love me
JS0072	I should care - Stordahl
JS0073	Evergreen - Str/Williams
JS0074	Take the "A" Train (Shris Sigerson Version) - Strayhorn, B
JS0075	Take the "A" Train (Larry Fuller Version) - Stayhorn, B
JS0076	Frankie and Johnny - Traditional
JS0077	Danny boy - Unknown
JS0078	But Beautiful - Van Heusen
JS0079	Here's That Rainy Day (Ron Johnston Version) - Van Heusen
JS0080	Imagination - Van Heusen
JS0081	Like Someone in Love - Van Heusen
JS0082	Polka Dots and Moonbeams (Chris Sigerson V) - Van Heusen
JS0083	Stella by Starlight - Young, V.
JS0084	The More I see you - Warren, H.
JS0085	There sill never be another you - Warren, H.
JS0086	September in the Rain - Warren/Dubin
JS0087	Can't Help falling in love with you - Weiss/Crea.
JS0088	When I fall in Love - You./Heyman
JS0089	Tea for Two - Youm./Caesar
JS0090	Nine Point Five Blues - Butler, Henry
JS0091	After Dinner Blues - Butler, Henry
JS0092	Bar Code Boogie - Butler, Henry
JS0093	Boogie for Jerry Lee - Butler, Henry
JS0094	Blue Waltz - Butler, Henry
JS0095	Do You Really Love me - Butler, Henry
JS0096	E Pluribus Blunum - Butler, Henry
JS0097	A Little Naive - Brad Turner
JS0098	Autumn Nocturnal - Miles Black
JS0099	Be the One - Miles Black
JS0100	Mididad - Ron Johnston

JAZZ 06 - Piano Solo
GROUP NAME JAZZ06

Display	Title/Artist
JS0101	Moon Walk - Miles Black
JS0102	Out of the Valley - Brad Turner
JS0103	Tomorrow's Tune - Miles Black
JS0104	Understanding Standing Under - Miles Black
JS0105	Native Colours - Renee Rosnes
JS0106	C Boogie - Doc Fingers
JS0107	Cakewalk - Doc Fingers
JS0108	Cal's Shuffle - Doc Fingers
JS0109	Carl's Blues
JS0110	Cool Minor - Paquette, D.
JS0111	Friday Night in the Faubourg - Butler, Henry
JS0112	Walkin' Home - Doc Fingers
JS0113	Lucky Sevens - Butler, Henry
JS0114	Lurchin - Doc Fingers
JS0115	No Worries - Paquette, D.
JS0116	Everybody's Havin' Fun - Butler, Henry
JS0117	Latest Gossip Blues - Butler, Henry
JS0118	Let Me Be - Butler, Henry
JS0119	Living Room Waltz - Butler, Henry
JS0120	Midnight Mambo - Butler, Henry
JS0121	Minerology - Butler, Henry
JS0122	Sadie Ida & Billie - Paquette, D.
JS0123	Shades of Booker - Butler, Henry
JS0124	Steal the Feel - Paquette, D.
JS0125	Still Young at Fifty - Butler, Henry
JS0126	The Henry Did It - Butler, Henry
JS0127	The Movin' On Blues - Doc Fingers
JS0128	The Possum - Paquette, D.
JS0129	eeny Blues - Doc Fingers
JS0130	The Mississippi Stomp - Doc Fingers
JS0131	The Red Light Blues - Doc Fingers
JS0132	Nutria Suite Blues - Butler, Henry
JS0133	Sour Milk Boogie - Butler, Henry
JS0134	Reunion Blues - Butler, Henry
JS0135	The Shingle Stomp - Doc Fingers
JS0136	Sweet 46 - Butler, Henry

GOSPEL
GROUP NAME GOSPEL

Display	Title
GE0001	Anyway You Bless Me
GE0002	Awesome God
GPS0001	Amen
GPS0002	Are you washed in the Blood
GPS0003	Day of Redemption
GPS0004	Medley (patriotic, including Truth Marching On)
GPS0005	Praise Him
GPS0006	Silent Night
GPS0007	Trust and Obey
GPS0008	Jesus Loves Me (version 1)
GPS0009	Everytime I feel the spirit
GPS0010	I shall not be moved
GPS0011	Give me that old time religion
GPS0012	God be with you
GPS0013	Great is Thy faithfulness
GPS0014	His eye is on the sparrow
GPS0015	I want to be
GPS0016	Jesus loves me (version2)
GPS0017	Lords prayer
GPS0018	When the saints go marchin' in
GPS0019	Revive us again
GPS0020	Then my living shall not be in vain
GPS0021	What a friend we have in Jesus

HOLIDAY
GROUP NAME HOLIDAY

Display	Title
CAE001	God Rest
CAE002	It's Beginning
CAE003	Happy X-mas
CAE004	Silent Night
CAE005	Ding Dong Merrily
CAE006	Do You Hear
CAE007	Santa Claus
CAE008	Sleigh Ride
CAE009	The Sleigh Ride
CAE010	Silver Sleigh Bells
CAE011	O Tannenbaum
CAE012	Linus and Lucy
CAE013	Jolly Jingles
CAE014	Christmas is Comming
CAS001	Good King
CAS002	Let it Snow
CAS003	Christmas Tree
CAS004	Silent Night Version 1
CAS005	Silent Night Version 2
CAS006	Silver Bells
CAS007	Santa Claus is Comin' To Town
CAS008	Reindeer Rag
CAS009	I Think of Home and Mother When It's Christmas Time
CAS010	Have Yourself A Merry Little Christmas
CAS011	Mistletoe Waltzes
CAS012	Jingle Bells or the One Horse Open Sleigh
CAS013	Christmas Chimes
CAS014	Christmas Bells

CONTEMPORARY MUSIC PIANO 01
GROUP NAME CPiano01

Display	Title
CP01	Lake Louise - Yuki Guramoto
CP02	Romance - Yuki Guramoto
CP03	A Song from Secret Garden - Secret Garden
CP04	Variation on the Canon - Pachelbel
CP05	Seol Rae Im - Kim Kwang Min
CP06	April Rain
CP07	Arizona Trail
CP08	Ascencion
CP09	Autumn Leaves
CP10	Cassandra
CP11	Castles
CP12	Celtic Skies
CP13	Chakra
CP14	Cold Horizon
CP15	Country Chapel
CP16	Destiny
CP17	Dreamsong
CP18	East of Mauritius
CP19	El Escorial
CP20	Evening Bells
CP21	Faerie
CP22	Fairytales
CP23	Far Above
CP24	Fuchsia
CP25	Giants
CP26	Gypsy Tears
CP27	Highland
CP28	Ice Demons
CP29	Ireland
CP30	Isle of Dreams
CP31	Kalahari
CP32	Koto
CP33	La Pluie
CP34	Lake Athabaska
CP35	Midnight
CP36	Minuet
CP37	Moments Linger
CP38	New Orleans
CP39	Once We Knew the Words
CP40	Pomegranate Flower
CP41	Prairie Morning
CP42	Rainbow Sky
CP43	Reflections
CP44	Ribbon of Dreams
CP45	Rites of Spring
CP46	Rooms Within
CP47	Sara's Song
CP48	Saudi
CP49	Sea Voyage
CP50	Search

CONTEMPORARY MUSIC PIANO 02
GROUP NAME CPiano02

Display	Title
CP51	Shoji
CP52	Skyward
CP53	So Long, Miguel
CP54	Sophia
CP55	Sorcerer's Assistant
CP56	Spirit Quest
CP57	Spring
CP58	Spyral Gyrat
CP59	Sundance
CP60	Swan Song
CP61	The Promise
CP62	The River
CP63	The Strand
CP64	The Sun Rose Tomorrow
CP65	Tibet
CP66	Tocatta
CP67	Topaz
CP68	Totem
CP69	Under the Southern Cross
CP70	Whirlpools
CP71	Winter of Our Love
CP72	Within
CP73	Celtic Skies
CP74	Ice Petals
CP75	Country Detour

Original Sound Track
GROUP NAME OST

Display	Title/Artist
OSTS01	Love Affair - Ennio Morricone
OSTS02	A Winter Story - Remedios
OSTS03	Korean film 'Dong Kam' OST - Lee Wook-hyen
OSTS04	Main Title From Return of The Jedi - John Williams
OSTS05	Forrest Gump main title - Alan Silvestri
OSTS06	Truman Sleeps 'the Trueman Show'
OSTS07	The James Bond Theme - Monty Norman
OSTS08	STAR WARS 'The Empire Strikes Back' Main Theme - John Williams
OSTS09	When She Loved Me 'Toy Story 2'
OSTS10	Chariots of Fire Main Theme - Vangelis
OSTS11	Imperial March from 'Star Wars' - John Williams
OSTS12	Love Story
OSTE01	My Heart Will Go On - 'Titanic' OST
OSTE02	Moon river - 'Tiffany's' OST
OSTE03	You Must Love Me - Evita OST - Andrew Lloyd Webber
OSTE04	Bubble Bubble - Game 'Bubble Bubble' Thema
OSTE05	Super Mario - Game 'Super Mario' Thema
OSTE06	007 Thema

Ragtime 1**GROUP NAME RAGTIME1**

Display	Title/Artist
RAG001	A Breeze From Alabama (1902) - Scott Joplin
RAG002	Scott Joplin's New Rag (1912) - Scott Joplin
RAG003	Cleopha - March & Two Step (1902) - Scott Joplin
RAG004	Searchlight Rag (1907) - Scott Joplin
RAG005	Elite Syncopations (1902) - Scott Joplin
RAG006	Fig Leaf Rag (1908) - Scott Joplin
RAG007	Maple Leaf Rag (1899) - Scott Joplin
RAG008	Paragon Rag (1909) - Scott Joplin
RAG009	Reflection Rag (1917) - Scott Joplin
RAG010	The Entertainer (1902) - Scott Joplin
RAG011	The Easy Winners (1901) - Scott Joplin
RAG012	Sugar Cane Rag (1908) - Scott Joplin
RAG013	Climax Rag (1914) - James Scott
RAG014	Grace and Beauty (1909) - James Scott
RAG015	Honey Moon Rag (1916) - James Scott
RAG016	Ophelia Rag (1910) - James Scott
RAG017	Peace and Plenty Rag (1919) - James Scott
RAG018	Paramount Rag (1917) - James Scott
RAG019	Pegasus - A Classic Rag (1920) - James Scott
RAG020	Prosperity Rag (1916) - James Scott
RAG021	Quality - A High Class Rag (1911) - James Scott
RAG022	Rag Sentimental (1918) - James Scott
RAG023	Sunburst Rag (1909) - James Scott
RAG024	The Suffragette Waltz (1914) - James Scott
RAG025	Victory Rag (1921) - James Scott
RAG026	Chevy Chase (1914) - James Hubert (Eubie) Blake
RAG027	The Charleston Rag (1899,1917) - James Hubert (Eubie) Blake
RAG028	Contentment Rag (1915) - Joseph Lamb
RAG029	Cum Bac Rag (1911) - Charles L. Johnson
RAG030	Dill Pickles Rag (1906) - Charles L. Johnson
RAG031	Powder Rag (1908) - Charles L. Johnson
RAG032	Sweetness Rag (1912) - Charles L. Johnson
RAG033	Frog-!-More Rag (1918) - Ferdinand(Jelly-Roll) Morton
RAG034	Original Jelly Roll Blues (1915) - Ferdinand(Jelly-Roll) Morton
RAG035	The Black Cat Rag (1905) - Frank Wooster&Ethyl B.Smith
RAG036	A Ragtime Nightmare (1900) - Tom Turpin
RAG037	Harlem Rag (1897) - Tom Turpin
RAG038	Pan Am Rag (1914) - Tom Turpin
RAG039	The Saint Louis Rag (1903) - Tom Turpin
RAG040	Reindeer Rag (1915) - Joseph Lamb
RAG041	Sensation - A Rag (1908) - Joseph Lamb
RAG042	Top Liner Rag (1916) - Joseph Lamb
RAG043	American Beauty Rag (1913) - Joseph Lamb
RAG044	Bohemia Rag (1919) - Joseph Lamb
RAG045	Champagne Rag (1910) - Joseph Lamb
RAG046	Cleopatra Rag (1915) - Joseph Lamb
RAG047	The Smiler (1907) - Percy Wenrich
RAG048	The Thriller! Rag (1909) - May Aufderheide
RAG049	Tickled to Death (1899) - Charles Hunter
RAG050	Castle House Rag (1914) - James Reese Europe

Ragtime 2**GROUP NAME RAGTIME2**

Display	Title/Artist
RAG051	Cataract Rag (1914) - Robert Hampton
RAG052	Chicken Chowder (1905) - Irene Giblin
RAG053	Dengozo (Brazilian Maxixe) (1914) - Ernesto Nazareth
RAG054	Desecration (Rag Humoresque) (1914) - Felix Arndt
RAG055	Dusty Rag (1908) - May Aufderheide
RAG056	Felix Rag (1910) - H.H.McSkimming
RAG057	Greenwich Witch (1921) - Zez Confrey
RAG058	Holy Moses Rag by Cy Seymour
RAG059	Hot House Rag (1914) - paul Pratt
RAG060	Jungle Time Rag (1909) - E.Phillip Severin
RAG061	Key-Stone Rag (1921) - Willie Anderson
RAG062	Kinklets, Two Step (1906) - Arthur Marshall
RAG063	Kitten on the Keys (1921) - Zez Confrey
RAG064	That Demon Rag by Russell Smith (1912)
RAG065	Pasquinade (caprice) by Louis Moreau Gottschalk (1870)
RAG066	Pianoflage by Roy Barge (1922)
RAG067	Possum Rag by Geraldine Dobyms (1907)
RAG068	Russian Rag (Rockies Rag) by George L. Cobb (1918)
RAG069	Sapho Rag by J. Russel Robinson (1909)
RAG070	Sleepy Hollow Rag by Clarence Woods (1918)
RAG071	The Black and White Rag by George Botsford(1908)
RAG072	Majestic Rag by Ben Rawls & Royal Neel (1914)
RAG073	The Lion Tamer Rag by Mark Janza (1913)
RAG074	Twelfth Street Rag by Euday L. Bowman (1914)
RAG075	Wild Cherries Rag by Ted Snyder (1908)

WEDDING**GROUP NAME WEDDING**

Display	Title/Artist
WED001	Brautchor - Wilhelm Richard Wagner
WED002	Hochzeitsmarsch - Jakob Ludwig Felix Mendelssohn-Bartholdy
WED003	Brindisi - Giuseppe Fortunio Francesco Verdi
WED004	Jingle1 - Kouichi Hashimoto
WED005	Jingle2 - Kouichi Hashimoto
WED006	Fanfare1
WED007	Fanfare2

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.	1. Check the power cord whether it's properly in AC outlet.
	2. Volume setting is too low.	2. Adjust the volume.
	3. Headphone is plugged in.	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.	1. Adjust the volume.
	2. Defective connection cord.	2. Replace connection cord.

Specifications

Section	Contents
PRODUCT	HIGH PERFORMANCE DIGITAL PIANO
KEYBOARD	88 KEYS (STANDARD) - 7 1/4 OCTAVES
TOUCH RESPONSE	OFF, HARD 1/2/3, SOFT 1/2/3, NORMAL 1/2/3
MAX. POLYPHONY	128 NOTES
SOUND	GENERAL MIDI 128 VOICES 7 DRUM KIT, 1 SOUND EFFECT SET 80 RHYTHM STYLES
ACCOMPANIMENT STYLE	SINGLE FINGER, FINGERED, FULL KEYBOARD
ACCOMPANIMENT MODE	START/STOP, INTRO/ENDING, FILL 1/2, SYNCH, FADE, VAR
ACCOMPANIMENT CONTROLS	LAYER, SPLIT, TUNE, TRANSPOSE
FUNCTIONS	5
REGISTRATION MEMORY	CHORUS(8), REVERB(8)
DIGITAL SIGNAL PROCESSING	YES
METRONOME	GRAPHIC LCD DISPLAY
DISPLAY	OVER 1,000 TUNES
VP MUSIC	REAL-TIME-RECORDING
RECORD	2 TRACKS MAX. 10,000NOTES/TR
VOLUME CONTROLS	MAIN, ACCOMPANIMENT, LAYER, SPLIT
I/O TERMINALS	SD MEMORY CARD SLOT MIDI IN/OUT, LINE IN/OUT, USB IN, PEDAL IN 2 HEADPHONE JACKS
SPEAKER	2 INCHx2 , 6:9 INCH x 2 (GRAND PIANO 10INCHx1, 6:9INCHx1, 2INCHx2)
POWER	STEREO 50W + 50W
POWER CONSUMPTION	AC IN
ACCESSORY	80W OWNER'S MANUAL, BUNDLE SD MEMORY CARD, AC CORD



Part No. 11958231 MF