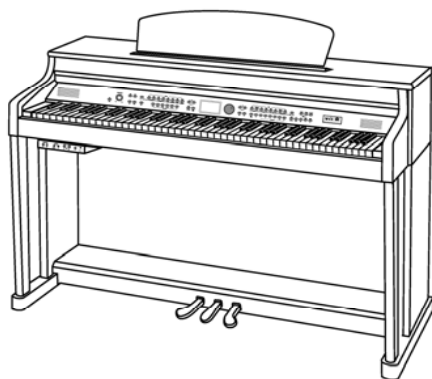
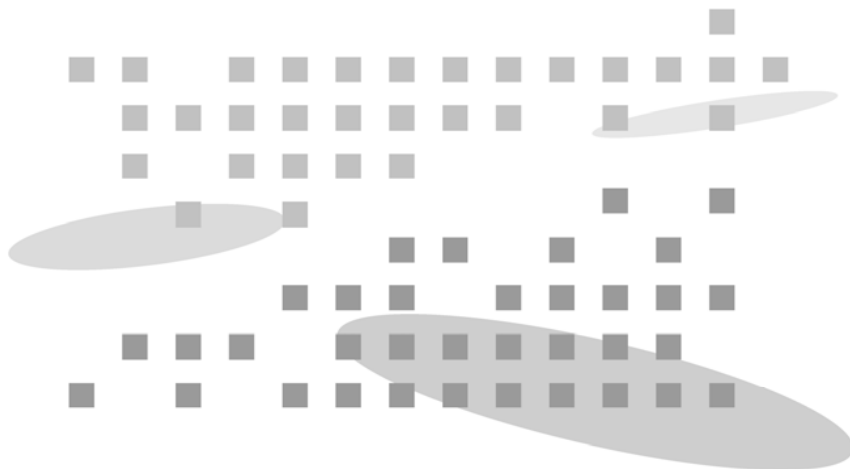




OWNER'S MANUAL



High Performance USB Digital Piano
New feel, new look and new sound

Before Reading:

Safety Instructions

This section is intended to ensure the user's safety and prevent financial damage. Please read this section carefully and use the product properly according to it.



WARNING: Not following this warning may result in death or serious injury



CAUTION: Not following this caution may result in injury and/or financial loss.



WARNING:

To avoid the risk of death or physical injury due to electric shock, short circuit, damage or fire, please follow the fundamental safety instructions listed below. This warning includes the following:

- Never open up this product or attempt to break down or modify its inner parts. This product contains no user-serviceable components. If it seems to be malfunctioning, please immediately cease use of the product and contact customer service for repair.
- Always use the correct voltage for this product. The voltage specification can be found on the name label located behind this product.
- Always take the plug off the outlet prior to cleaning the product. Never insert or take off the plug with wet hands.
- Do not expose the product to rain. Do not use this product under watery or wet environment, and do not leave any liquid container on its top as it may spill into the product. If any liquid is spilled into the product, immediately turn off the product, take the plug off the AC outlet and contact a designated service center for inspection.
- Regularly check the condition of the power plug, and remove any substances or dusts that may have accumulated on it.
- If the power cable or plug is either wore off or damaged, or the product suddenly stops sounding, or any unknown smell or smoke seem to emerge from the product, immediately turn off the product, take the adapter plug off the AC outlet and contact a designated service center for inspection.



CAUTION

To avoid the risk of physical injury, damage of this product or other financial loss, please follow the fundamental safety instructions listed below. This caution includes the following:

- Do not place the power cable nearby heat generators like heaters or radiators. Bending the cable too much could damage the cable. Do not put heavy objects on the cable, or leave the cable on a location where others may step on or trip over it.
- When removing the plug from either the product or the outlet, always seize the neck of the plug. Seizing and pulling from the cable could damage it.
- Do not use multi-connectors to power the product. Doing so may result in lowered sound quality and/or overheat the outlet.
- When not using the product for an extended period of time, or during an electric storm, take the plug off the outlet.
- When connecting this product to another electronic product, turn off the powers of both products before connecting. Set the volumes of all products to minimum before turning on the products. After making sure that all volumes are set to minimum, begin using this product and gradually increase the volume until the desired level is reached.
- Do not expose this product to excessive dust, vibration, or locations/sources of extreme heat (under direct sunlight, nearby heaters, inside cars during daytime). Exposure to such environments may result in external and/or internal damage.
- Do not use this product nearby devices like TVs, radios, stereo sound devices, mobile phones or other electronic devices. Doing so could result in excessive noise from either this product or the TV/radio.
- Do not place the product on unstable locations where it may fall off.
- Always remove all cables from the product before moving it.
- When cleaning the instrument, always use soft and dry or lightly wet cloth. Do not use cloth imbued with paint diluent, solvent, cleansing agent or chemical substances. Do not place any objects made of vinyl, plastic or rubber on the product. Doing so may alter the color of the keys or the panel.
- Do not place your weight or heavy objects on the product.
- Do not use excessive force while manipulating the buttons, switches or connectors.
- Be careful not to leave fingers below the key cover when closing it. Do not insert fingers below the key cover or into any other gap between the parts of this product.
- Do not insert or drop objects like paper or metal substances on the key cover, panel, or in the gap between keys. When done so accidentally, immediately turn off the power of the product, take the plug off the outlet, and contact a designated service center.
- Maintain 3 inches of space between the piano and the wall or other nearby objects. Insufficient space may interfere with air circulation and result in overheat.
- Carefully read the guide on assembling procedure and follow the instructions. Not doing so could result in damage of the instrument and/or injury of the user.
- Avoid using the product on volume high enough to be disturbing to ears for extended period of time, as doing so could affect one's hearing permanently. If you experience hearing difficulty, or excessive ringing on the ears, contact a physician.
- During thunderstorms, take the plug off the outlet.

Preface

Thank you for your purchase.

This product mixes up a maximum polyphony of 256 notes and a massive sound data weighing as much as 1GB to offer its 5 distinguished concert grand piano sounds and other high quality voices that recreate the authentic sound of 128 different instruments. Its NEW-ARHA3 (Tri-sensor) keyboard, a vast improvement over its two-sensored predecessor, and half-pedal feature that detects the precise movement of its keys add on its respectable quality.

The VP player of the piano features an extensive bank of demonstrational pieces including the pedagogical etude series of Beyer, Czerny, Burgmüller and selected sonatines by many composers, as well as 1,005 pieces in different genres for either entertainment or playing reference. The piano's music player allows to play MP3 and MIDI files saved in USB flash drives.

Also there are the two-track recording system designed to aid the learning process, a USB 2.0 terminal for connections with devices like computers or smartphones/tablets, and other versatile utilities such as the auto-accompaniment system.

To take full advantage of the wide range of features and utilities offered by this instrument, please read and examine this user's manual carefully.

Please keep this user's manual for future reference.

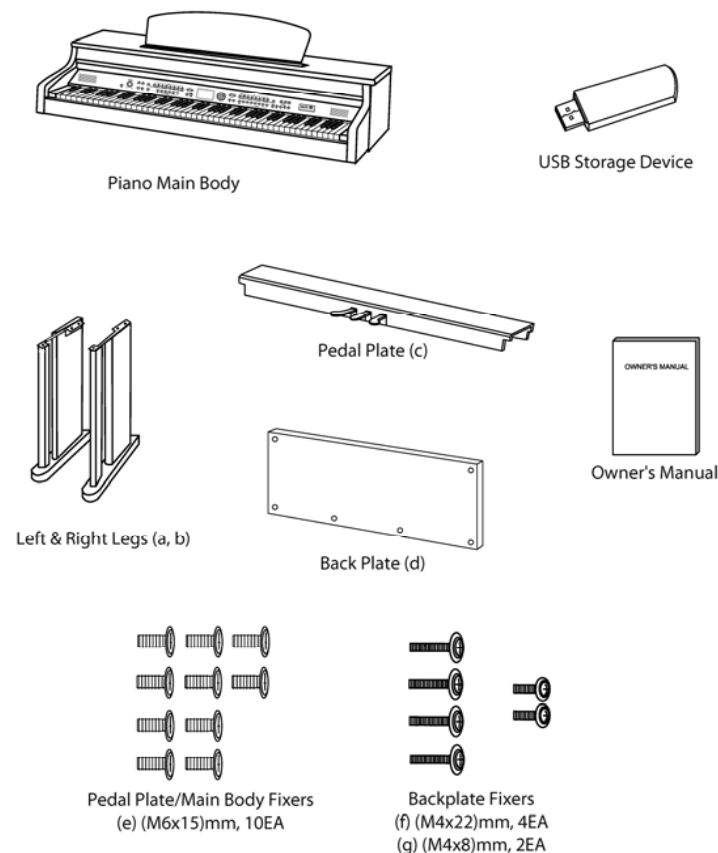
Thank you.

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Product Components

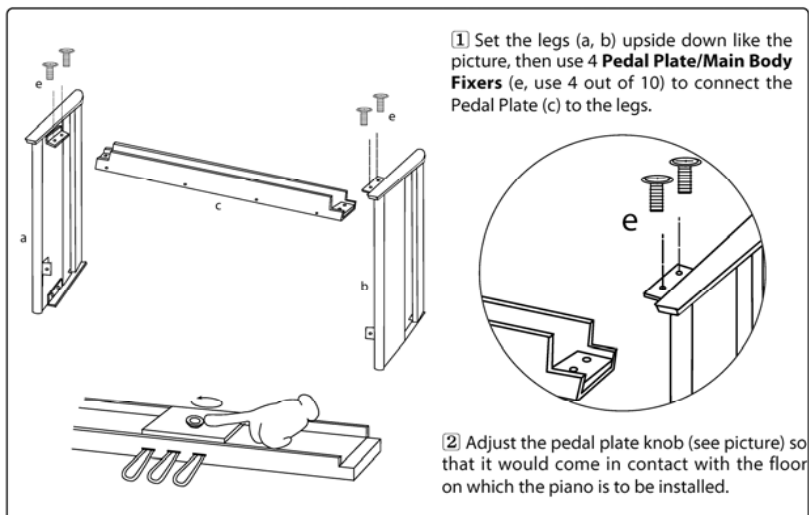
After purchasing the product, carefully unpack it and examine the existence and condition of the items listed below. If an item is missing or damaged, contact the place of purchase.



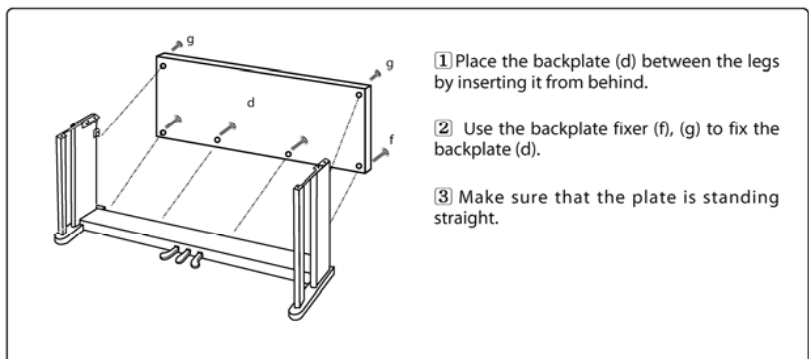
Keep the original packing materials for easier repacking if frequent or long-distance transportation of this product is expected.

Assembly

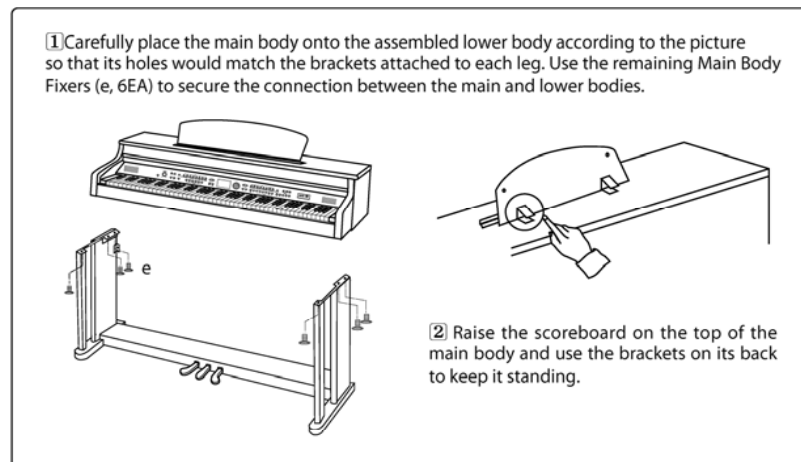
1 Assembling the legs and pedals



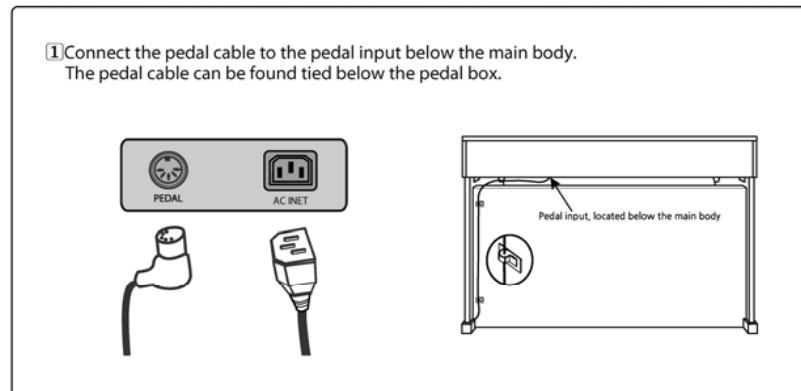
2 Attaching the backplate



3 Combining with the main body



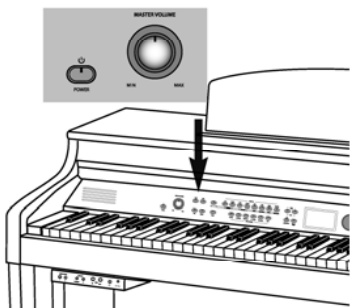
4 Connecting the pedal & power cables



Parts

Power Switch

Power Switch (on the left of the console)



Use the AC power cord to connect the piano and a household AC outlet, and press the power switch to turn on the piano. The LCD will turn on.

- When the piano is first turned on, the initial default voice is 'Grand Piano 1'.
- Use the Master Volume knob to adjust the volume.
- When turning on the piano, do not press the damper pedal. Doing so may cause the pedal to malfunction.

All parameters and settings except for the recording and registration memories are initialized whenever the piano is turned off and on again.

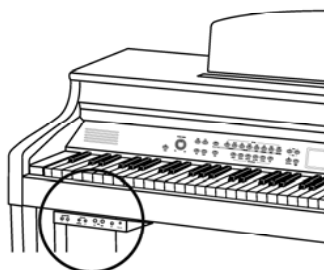
- If the KEEP SETTING feature has been enabled, the settings are retained permanently.

Auto Power Off (APO)

This product features an auto power management system which turns off the instrument automatically when left unused for a certain amount of time. By default, the piano will turn off following 30 minutes of inactivity.

Refer to page 33 for setting the amount of time it can take before turning off.

Headphone & Microphone Jacks



Two headphone jacks are located on the left beneath the main body.

- When a headphone is connected to the piano, the speakers of the piano are muted.
- Two headphone jacks exist, allowing up to two people to listen simultaneously.
- The type of headphones for use is limited to the stereo 55 type (1/4 inch). If seeking to use the 3.5mm headphones, an extra converter (3.5mm -> 55) will be required.
- Headphones are sold separately.
- Reduce the volume of the piano prior to connecting a microphone to avoid unwanted accidental loudness.



Audio Connections



External Connection Terminals (on the bottom left of the piano)

1 Audio Output Terminals (Line Out [L/Mono], [R])

These jacks are used when the use of a more powerful external sound producer (amplifiers etc.) is desired to reproduce the audio output of the piano.

Use an audio cable (sold separately) to connect the audio output jacks (Line Out [L/Mono], [R]) of the piano and the input jack of the external device to hear the piano through the speaker system of the external device.

- When connecting to an external device, always turn on the external device first before turning on the power of the piano. When quitting the use of the external device, reverse this order and turn the piano off first before turning off the external device.
- The audio connection terminals are made of RCA connectors.

MIDI Connections

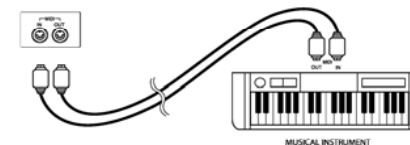


External Connection Terminals (on the bottom left of the piano)

2 MIDI Terminals

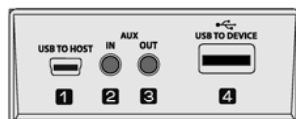
MIDI stands for 'Musical Instrument Digital Interface', and is the international standard for the exchange of musical data between two digital devices.

- MIDI IN** Receives MIDI messages coming in from external MIDI devices.
- MIDI OUT** Outputs MIDI messages from the piano to external devices.



Smart Connections

The smart connection terminals are located on the control panel of the digital piano.



1 USB TO HOST

The piano features a USB-to-host terminal to allow connecting directly to a computer. By using this jack, the piano and computer may exchange MIDI data via USB.

- Usable on Windows XP or higher, and Mac OS X.
- No extra driver is required since it utilizes the common Windows device driver.
- If the device is not recognized, or the USB audio device is not seen on the list of the device setup menu, check the USB cable and ensure proper connection.
- Compatible with 4.0 or higher versions of iPhones and iPads.
- Android compatibility may be limited depending on the specific manufacturer or version of the device.
- If connecting the instrument to a computer causes the computer to crash or stop functioning, do not reattempt the connection (doing so may damage the computer or the piano) and immediately contact customer service.

2 AUX IN (3.5 Mini Stereo)

By connecting external devices to this jack the piano may play via its internal speakers soundtracks provided by external sources such as smart devices or MP3 audio devices.

Connect the output terminal of laptops, smart devices, MP3 players and the AUX IN of the piano using an audio cable (sold separately) to reproduce the audio data of the devices through the piano's speaker system.

- When connecting to an external device, always turn on the external device first before turning on the power of the piano. When quitting the use of the external device, reverse this order and turn the piano off first before turning off the external device.
- The audio connection terminals are made of stereo 3.5mm connectors.

3 AUX OUT (3.5 Mini Stereo)

The piano's sound output may be relayed to an external device such as a laptop, smart device, or an MP3 player to be recorded. Use an audio cable (sold separately) to connect the AUX OUT of the piano and the input (microphone) terminal of the external device.

- When connecting to an external device, always turn on the external device first before turning on the power of the piano. When quitting the use of the external device, reverse this order and turn the piano off first before turning off the external device.
- The audio connection terminals are made of stereo 3.5mm connectors.

4 USB TO DEVICE

By inserting a USB memory drive to this slot, the piano may play the music files inside it.

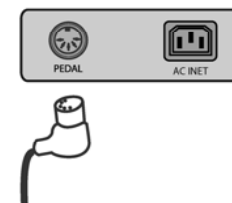
- For the use of the VP player, use the provided USB memory that comes with the product.
- The MP3 and SMF files must be located in the MUSIC folder inside the USB flash for playing.
- Do not remove the USB memory when it is being accessed.
- The USB memory must be in FAT32 format.

Pedals

The piano consists of three pedals that correspond to the three pedals of an acoustic piano.

Connecting the Pedal Cables

Retrieve the pedal cable tied below the pedal box, and connect it to the pedal input located below the main body.



Pedal Functions

1 Damper Pedal (Right Pedal)

This pedal performs the same function as the damper pedal of an acoustic piano; playing notes while keeping this pedal pressed will sustain the notes even if the keys have been released. It also provides the Half Pedal feature, which detects and responds to the delicate control that pianists exercise on acoustic pianos by pressing the pedal only halfway.

- The duration of the sustained notes differs depending on the chosen voice.
- The Half Pedal feature controls the sustain duration depending on how deep the pedal is pressed.
- Do not press the damper pedal when turning on the piano. If the pedal had been pressed when the piano was switched on, it may not function properly.

2 Sostenuto Pedal (Middle Pedal)

This pedal performs the same function as the sostenuto pedal, which is the middle pedal of an acoustic grand piano. It behaves similarly to the sustain pedal, but only the notes that are being played at the moment the sostenuto pedal is pressed will be retained. Notes that are played after the pedal was pressed will not be affected, even if the pedal is kept pressed.

3 Soft Pedal (Left Pedal)

This pedal performs the same function as the soft pedal of an acoustic piano. Pressing this pedal causes the sound of the piano to be muffled a little bit and softens its character.

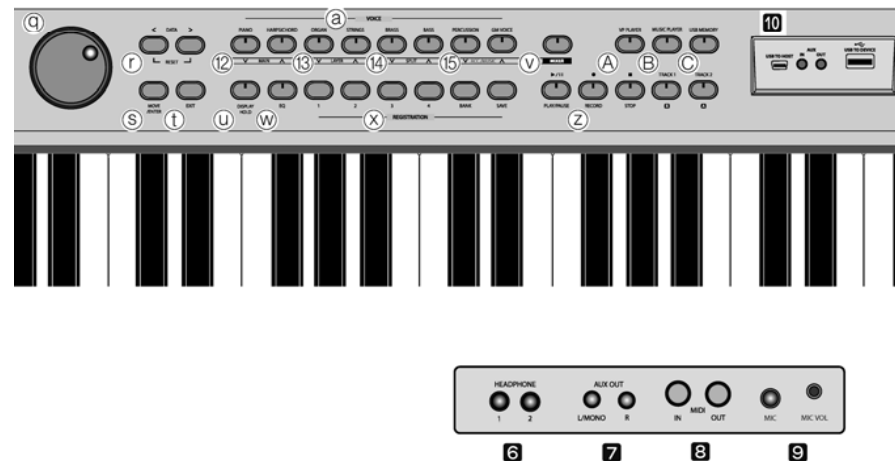
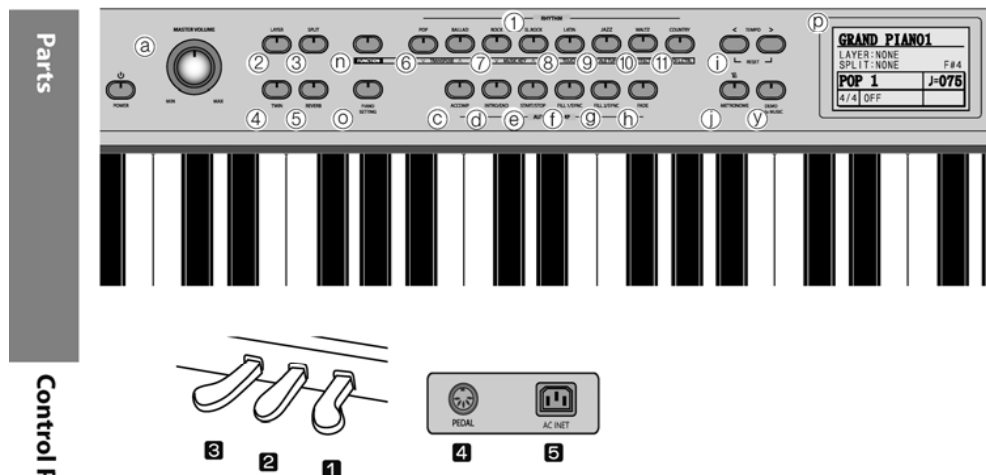
4 Effect Pedal (Left Pedal Alternative)

When the Effect feature is used with Pedal Switch enabled, this pedal functions as a trigger for applying the effect. In other words, the effect is applied only when this pedal is pressed. If Pedal Switch is disabled, this pedal keeps performing its role as the soft pedal, even if Effect is still in use.

- When functioning as the switch for Effect, it will highlight the 'FXP' on the LCD whenever pressed.
- Refer to page 30 for more details on Effect.



Control Panel



VOLUME CONTROL

- a VOLUME Page 15

RHYTHMS

- b RHYTHM Buttons Page 37
- c ACCOMP Page 37
- d INTRO/ENDING
- e START/STOP
- f FILL1/SYNC Page 38
- g FILL2/SYNC Page 38
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- i TEMPO UP/DOWN Page 22
- j METRONOME

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- k FUNCTION Page 27,32
- l PIANO SETTING Page 34
- m LCD Page 14
- n DATA Wheel
- o DATA Buttons
- p MOVE/ENTER
- q EXIT
- r DISPLAY HOLD
- s MIXER Page 21
- t EQ Page 36
- u REGISTRATION Page 47

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- v DEMO/Edu MUSIC Page 23
- w RECORD Page 43
- x VP PLAYER Page 49
- y MUSIC PLAYER Page 51
- z USB MEMORY Page 43, 49, 51

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- 1 VOICE Buttons Page 15
- 2 LAYER Page 16
- 3 SPLIT Page 17
- 4 TWIN Page 19
- 5 REVERB Page 19
- 6 TRANSPOSE Page 27
- 7 MUSIC KEY Page 27
- 8 TOUCH Page 28
- 9 SCALE TUNE Page 29
- 10 EFFECT Page 30
- 11 MIDI L.CTRL Page 31
- 12 MAIN VOL. Buttons
- 13 LAYER VOL. Buttons
- 14 SPLIT VOL. Buttons
- 15 ACC./MUSIC VOL. Buttons

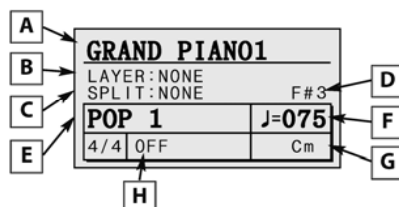
CONNECTIONS

- 1 DAMPER PEDAL Page 11
- 2 SOSTENUTO PEDAL Page 11
- 3 SOFT PEDAL Page 11
- 4 PEDAL INPUT Page 11
- 5 AC INLET Page 11
- 6 HEADPHONES Page 8
- 7 LINE OUT Page 10
- 8 MIDI IN/OUT Page 10
- 9 MICROPHONE Page 9
- 10 SMART Page 9

LCD

LCD Description

The LCD shows the current performance configuration of the piano.



A Main Voice

Current main voice. The piano offers 128 different voices.

B Layer Voice

Current layered voice when using the layer feature.

C Split Voice

Current split voice when using the split feature.

D Split Point

The point of division by which the keyboard is split when using split or auto-accompaniment.

E Rhythm

Current rhythm for the auto-accompaniment.

F Tempo

Current tempo for the auto-accompaniment or metronome.

G Auto-accompaniment Chords

Ex.) C, Fm, G

H Auto-accompaniment Mode

Ex.) OFF, FINGERED, SINGLE F

NOTE

When a change occurs to the LCD, the tempo of any ongoing auto-accompaniment or metronome may be slowed temporarily.

Basic Controls

Adjusting Volume

Adjusting Master Volume

Use the MASTER VOLUME knob to adjust the overall volume of the piano.

☞ This also affects the volume of headphones.



Choosing a Voice

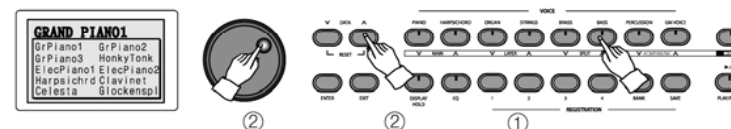
This product is a high class digital piano which offers the refined deep sound of quality acoustic grand pianos along with the sound of other diverse acoustic and electric musical instruments.

Voice Types

- ☞ 128 GM (General MIDI) Voices, including the 70 basic voices
- ☞ 7 Percussion Kits
- ☞ 1 Sound Effect Set

1 Select the desired voice.

Press the button that corresponds to the desired voice.



- ☞ The voices are categorized into 7 voice groups. Each voice group consists of 10 voices.
- ☞ When a voice button is pressed, the LCD will display a menu listing all voices belonging to the chosen voice group for 3 seconds. Use the DATA buttons or DATA wheel to select the desired voice.
- ☞ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.
- ☞ Your last choice for each group is retained even if you switch to another voice group. It will be retained until the piano is turned off (unless the KEEP SETTING feature is enabled, in which case it is retained permanently).
- ☞ Refer to page 56 for detailed information on the voices.

List of Voices

Piano	Harpsichord	Organ	Strings	Brass	Bass	Percussion
Grand Piano 1	Harpsichord	Pipe Organ1	Strings	Brass	Elec. Bass1	Standard
Grand Piano 2	VelHarpsichord	Pipe Organ2	Orche Strings	Flute	Elec. Bass2	RoomDrum
Grand Piano 3	Clavinet	E. Organ1	Str&Brass	Alto Sax.	AcoustBass	RockDrum
Grand Piano 4	Vibraphone	E. Organ2	S. Strings	Tenor Sax.	Synth Bass	ElectDrum
Grand Piano 5	Marimba	E. Organ3	Slow Str&Br	Trumpet	Steel Guitar	AnalogDrum
Chrs Piano	Xylophone	E. Organ4	Pizz Strings	Trumbone	12Str. Guitar	BrushDrum
Elec. Piano1	OrcheHarpsi.	E. Organ5	Synth Strings	Syn Brass1	Elec Guitar	Jazz Drum
Elec. Piano2	NylonGuitar	Accordion	Violin	Syn Brass2	Jazz Guitar	Orchestra
FM Piano	HawaiianGT	Harmonica	Cello	Clarinet	Over Guitar	SFX 1
Syn Piano	UKULELE	Bandonion	Choir	Oboe	Dist. Guitar	SFX 2

2 Play the piano using the chosen voice.

Use the MASTER VOLUME knob to adjust the volume.

GM Voices

The piano is also equipped with the 128 voices that are fully compatible with the international standard GM (General MIDI), which may be recalled by pressing the GM VOICE button.

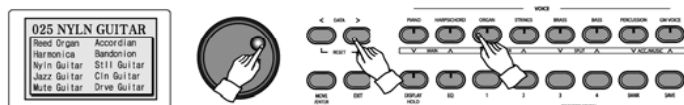
Selecting a GM Voice

1 Press GM VOICE.

The LCD will display a list of 10 GM voices, including the currently chosen voice.

☞ Default: 025 Nylon Guitar

2 Use the DATA buttons or DATA wheel to select the desired voice.



- ☞ Refer to the GM voice list on page 53.
- ☞ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.
- ☞ Your last choice of GM Voice will be retained until the piano is turned off (unless the KEEP SETTING feature is enabled, in which case it is retained permanently).

Layer

Layer allows the player to sound two voices simultaneously when playing a key.

1 Choose the desired main voice first.

Refer to page 15 for voice selection.

2 Press LAYER.

3 Choose the desired layer voice to be played simultaneously with the main voice. Refer to page 15 for voice selection.

- ☞ The default layer voice is Slow Strings.
- ☞ When the LAYER button is pressed, the voice button corresponding to current layer voice will begin flashing for seconds. A voice chosen via the voice buttons during this timespan will become the layer voice. After the flashing had gone out, choosing a voice will affect the main voice.
- ☞ You can still change your voice by entering the Layer menu, or turning the layer off and on again. Refer to page 17.

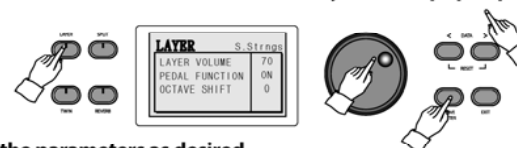
4 Press LAYER again to turn off layer.

The button will turn off to indicate that the layer is no more active.

Layer Settings

The Layer menu allows the adjustment of several layer-related parameters.

1 Press and hold down LAYER until the Layer menu pops up.



2 Adjust the parameters as desired.

Press MOVE/ENTER to cycle through the fields and use the DATA buttons or DATA wheel to adjust the value of current field.

☞ Pressing the VOICE buttons while in the Layer menu selects the layer voice.

Parameter	Default	Range
LAYER VOLUME	70	0~100
PEDAL FUNCTION	ON	ON, OFF
OCTAVE SHIFT	0	-2~0~+2

1 LAYER VOLUME

This determines the volume of the layered voice.

☞ This also may be done by using the Mixer. Refer to page 21.

2 PEDAL FUNCTION

This determines whether the effect of the sustain pedal is applied to the layered voice.

3 OCTAVE SHIFT

The layered voice may be moved up or down in octaves, independently from the main voice.

- ☞ Pressing both DATA UP/DOWN simultaneously will restore the default value.
- ☞ Keep a DATA button pressed to quickly run through the values.
- ☞ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.
- ☞ Press EXIT to exit the Layer menu. This does not turn off the Layer feature itself.
- ☞ Pressing LAYER again while in the Layer menu will turn off the menu.

Split

Split divides the piano keyboard into two sections, and allows the player to assign different voices to each of the sections. For example, by using Split the melody part on the right could be played in piano voice while the accompaniment on the left sounding in acoustic bass voice.

Using Split

1 Choose the desired main voice first. The main voice will be assigned to the right part. Refer to page 15 for voice selection.

2 Press SPLIT. The button will turn on.

3 Choose the desired Split voice (that is, the left part voice).

Refer to page 15 for voice selection.

- ☞ The default split voice is Acoustic Bass.
- ☞ Select the split voice while the corresponding voice button is flashing.
- ☞ Refer to the description on selecting the layer voice on page 16.

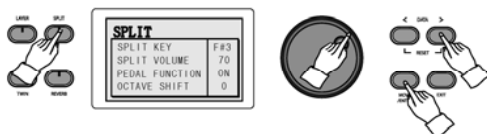
4 Press SPLIT again to turn off split.

The button will turn off to indicate that the split is no more active.

Split Settings

The Split menu allows the adjustment of several split-related parameters.

1 Press and hold down SPLIT until the Split menu pops up.



2 Adjust the parameters as desired.

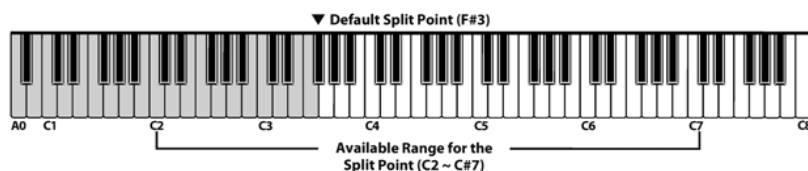
Press MOVE/ENTER to move through the fields and use the DATA buttons or DATA wheel to adjust the value of current field.

⇨ Pressing the VOICE buttons while in the Split menu selects the split voice.

Parameter	Default	Range
SPLIT KEY	F#3	C2~C#7
SPLIT VOLUME	80	0~100
PEDAL FUNCTION	ON	ON, OFF
OCTAVE SHIFT	0	-2~-0~+2

1 SPLIT POINT

Split Point refers to the point by which the keyboard is divided.



2 SPLIT VOLUME

This determines the volume of the split voice.

This also may be done by using the Mixer. Refer to page 21.

3 PEDAL FUNCTION

This determines whether the effect of the sustain pedal is applied to the split voice.

4 OCTAVE SHIFT

The split voice may be moved up or down in octaves, independently from the main voice, in order to allow playing in ranges limited by the division of keyboard.

- ⇨ Pressing both DATA UP/DOWN simultaneously will restore the default value.
- ⇨ Keep a DATA button pressed to quickly run through the values.
- ⇨ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.
- ⇨ Press EXIT to exit the Split menu. This does not turn off the Split feature itself.
- ⇨ Pressing SPLIT again while in Split Settings menu will turn off the menu.

Twin Piano

Twin Piano divides the piano keyboard into two equal smaller ("twin") keyboards with nearly identical registers. This allows two people to play the piano simultaneously on the same range without running into each other.

1 Select a voice.

Refer to page 15 for voice selection.

2 Press TWIN.

The button will turn on. The keyboard will be divided into two parts with nearly identical registers, with D#4 as the point of division.



3 Press TWIN once again to quit using TWIN PIANO.

The button will turn off.

Reverb

Reverb simulates the decaying reflections of sound as experienced in varying types of space, making the piano sound feel more natural and realistic.

1 Press REVERB. The button will turn on to indicate that Reverb is now active.

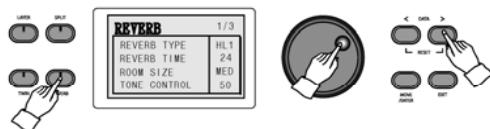
⇨ Reverb is enabled by default.

2 To disable Reverb, press REVERB again. The button will turn off.

Reverb Settings

The Reverb menu allows the adjustment of several reverb-related parameters.

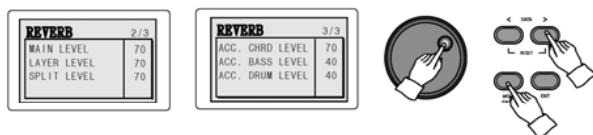
- 1 Press and hold down REVERB until the Reverb menu pops up.



☞ 7 types of reverb exist, including Hall 1, Hall 2, Hall 3, Studio 1, Studio 2, Room 1 and Room 2.

- 2 Adjust the parameters as desired.

Press MOVE/ENTER to move through the fields and use the DATA buttons or DATA wheel to adjust the value of current field.



Parameter	Default	Range	Description
REVERB TYPE	HL1	HL1, HL2, HL3, ST1, ST2, RM1, RM2	Determines the type of reverb
REVERB TIME	24	0~100	Determines the duration of reverb
ROOM SIZE	MED	SML, MED, LRG	Determines the depth of reverb
TONE CONTROL	50	0~100	Determines the tone of reverb
MAIN LEVEL	70	0~100	Reverb strength of the main voice
LAYER LEVEL	70	0~100	Reverb strength of the layered voice
SPLIT LEVEL	70	0~100	Reverb strength of the split voice
ACC. CHRD LEVEL	45	0~100	Reverb strength of the auto-accompaniment chords
ACC. BASS LEVEL	40	0~100	Reverb strength of the auto-accompaniment bass
ACC. DRUM LEVEL	40	0~100	Reverb strength of the auto-accompaniment drums

- ☞ Pressing both DATA UP/DOWN simultaneously will restore the default value.
- ☞ Keep a DATA button pressed to quickly run through the values.
- ☞ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.
- ☞ Press EXIT to exit the Reverb menu. This does not turn off the Reverb feature itself.

Mixer

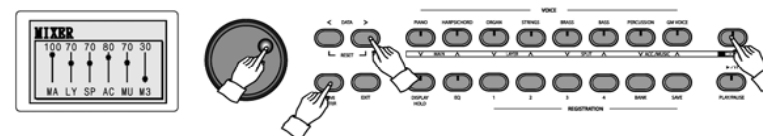
Mixer allows the user to adjust the individual volumes for each part (main, layer, split etc.) while viewing the others in order to control the balance between the parts.

- 1 Press MIXER.

The button will be lighted, and the LCD will display the volumes of each part.

- 2 Adjust the volume of each part as desired.

Press MOVE/ENTER to move through the parts, and use either the VOLUME buttons, DATA buttons, or the DATA wheel to adjust the part volumes.



Parameter	Default	Range
MAIN VOLUME	100	0~100
LAYER VOLUME	70	0~100
SPLIT VOLUME	70	0~100
ACCOMP VOLUME	90	0~100
MUSIC VOLUME	80	0~100
MP3 VOLUME	30	0~100

- ☞ Pressing both VOLUME UP and DOWN buttons simultaneously will restore the default value. See below for the description of VOLUME buttons.
- ☞ Keep an UP/DOWN button pressed to quickly run through the values.
- ☞ The VOLUME buttons include the MAIN, LAYER, SPLIT and ACC./MUSIC UP/DOWN buttons, which are also the VOICE buttons. While in Mixer menu, they may be used to control the volume of their respective parts.

- 3 Press MIXER again to leave the mixer and resume using the piano.

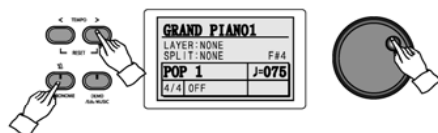
- ☞ Alternatively, press EXIT.

Metronome

Metronome provides clicks over a steady beat to help the player keep in time while playing.

Turning Metronome On/Off

Press METRONOME to begin hearing metronome beats.
Press METRONOME again to turn off the metronome.



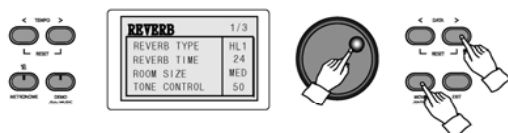
Adjusting Tempo

The range of metronome tempo is from 40 to 250 bpm (beats per minute). It may be adjusted by using the TEMPO buttons, or the DATA wheel.

- Keep a TEMPO button pressed to quickly run through the values.
- Pressing both TEMPO buttons simultaneously will restore the default tempo (120).
- When a change occurs to the LCD, the metronome may be temporarily slowed.

Metronome Settings

Press and hold down METRONOME until the Metronome menu pops up.
Press MOVE/ENTER to cycle through the fields and use the DATA buttons or DATA wheel to adjust the value.



Parameter	Default	Range	Description
BEAT	1	1~12	Metronome beats
TEMPO	100	40~250	Metronome tempo
FIRST BEAT VOLUME	100	50~100	Volume of first beats
OTHER BEATS VOLUME	85	50~100	Volume of the rest

- Keep a DATA button pressed to quickly run through the values.
- Pressing both DATA buttons simultaneously will restore the default value.
- Pressing both TEMPO buttons simultaneously will restore the default Tempo.
- Press METRONOME again while in the Metronome menu to exit the menu.

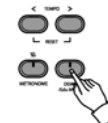
Demo/Edu Music

This piano features an extensive bank of demonstrational recordings of 50 selected works all performed by professional pianists. It also includes a dedicated music data bank consisting of pedagogical etudes by Beyer (106), Czerny (100/30/40), Burgmüller (25) and selected sonatines for students (45).

Listening to Demo/Educational Music

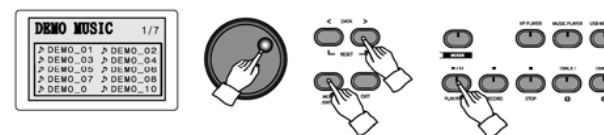
1 Press DEMO/Edu MUSIC.

Press DEMO/Edu MUSIC shortly to enter the DEMO list.
Press and hold down DEMO/Edu MUSIC longer to enter the Edu MUSIC list.



2 Choose the desired piece to be played.

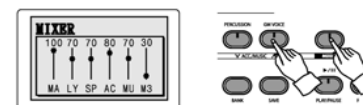
Use the DATA buttons or DATA wheel to reach the desired piece, then press PLAY/PAUSE to play it.



- To repeat a piece, press TRACK1/R. The button will turn on, and once a piece is over it will be played again.
- To play all pieces in the group in succession, press TRACK2/A.
- Refer to page 24 for the list of DEMO.
- Refer to page 25-26 for the list of Edu MUSIC.

Adjusting Demo/Edu Music Volume

The volume of the Demo/Educational music recordings may be adjusted.



1 Enter the Mixer menu.

Press MIXER. The button will turn on, and the LCD will show individual volume controls for each part.

2 Adjust the Demo/Educational Music Volume.

Use the ACC./MUSIC UP/DOWN buttons to adjust the Demo/Educational Music volume.

- Alternatively, repeatedly press MOVE/ENTER until the cursor reaches 'MU' then use the DATA buttons.

DEMO List (1~50)

Display	Title	Composer
DEMO_01	Etude op.10 no.1	Chopin, Fryderk Francuszek
DEMO_02	Etude op.10 no.4	
DEMO_03	Etude op.10 no.5	
DEMO_04	Etude op.10 no.9	
DEMO_05	Nocturne op.9 no.1	
DEMO_06	Nocturne op.9 no.2	
DEMO_07	Nocturne op.27 no.2	
DEMO_08	Nocturne op.32 no.1	
DEMO_09	Nocturne op.72 no.1	
DEMO_10	Sonata op.3 no.4	
DEMO_11	Mazurka op.7 no.1	
DEMO_12	Mazurka op.30 no.2	
DEMO_13	Mazurka op.67 no.3	
DEMO_14	Polonaise op.40 no.1	
DEMO_15	Waltz op.34 no.1	
DEMO_16	Waltz op.64 no.1	
DEMO_17	Waltz op.64 no.2	
DEMO_18	Waltz op.69 no.2	
DEMO_19	Impromptu - No.4 c-sharp minor (fantasie-Impromptu) Op.66	
DEMO_20	Ballade op.23 no.1 in g minor	
DEMO_21	Ballade op.47 no.3 in A flat Major	
DEMO_22	Prelude op.28 no.1 in C Major- Agitato	Mozart, Wolfgang Amadeus
DEMO_23	Prelude op.28 no.16 in b-flat minor- Presto con fuoco	
DEMO_24	Piano Sonata no.10 in C major, KV 330-1 Allegro moderato	
DEMO_25	Piano Sonata no.11 in A major, KV331-3 Alla turca : Allegretto	
DEMO_26	Piano Sonata no.14 in C minor, KV457-2 Adagio	
DEMO_27	Piano Sonata no.14 in C minor, KV457-3 Allego assai	Beethoven, Ludwig van
DEMO_28	Variations "Ahl Vous dirai-je, Manan"	
DEMO_29	Rondo in D major, KV485	
DEMO_30	Sonate no.8 in c minor, op.13 'Pathetique' Grave- Allegro molto e con brio	
DEMO_31	Sonate no.8 in c minor, op.13 'Pathetique' 2 Adagio cantabile	Debussy, Claude Achille
DEMO_32	Sonate no.8 in c minor, op.13 'Pathetique' 3 Allegro	
DEMO_33	Arabesque No.1 in E major	
DEMO_34	Suite bergamesque 1. Prelude	
DEMO_35	Suite bergamesque 3. Clair de lune	Schumann, Robert Alexander
DEMO_36	Petite Suite, for piano 4-hands 2. Cortege	
DEMO_37	Scenes from Childhood op.15	Liszt, Franz
DEMO_38	From foreign lands and peoples in G major	
DEMO_39	12 Etudes d'execution transcendante (Transcendental Etudes), S139	Rimsky, Korsakov
DEMO_40	Etue Transcendante in d minor, Mazeppa	
DEMO_41	The flight of the bumble bee (by S. Rachmaninov)	Satie, Erik
DEMO_42	Trois Gymnopedies 1. Lent et douloureux	
DEMO_43	12 Fantasie per clavicembalo (TWV 33) - Harpsichord music - 1. Fantasia	Telemann, Georg Philipp
DEMO_44	12 Fantasie per clavicembalo (TWV 33) - Harpsichord music - 3. Fantasia	
DEMO_45	12 Fantasie per clavicembalo (TWV 33) - Harpsichord music - 5. Fantasia	Tchaikovsky, Pyotrilyich
DEMO_46	12 Fantasie per clavicembalo (TWV 33) - Harpsichord music - 6. Fantasia	
DEMO_47	12 Fantasie per clavicembalo (TWV 33) - Harpsichord music - 12. Fantasia	Bach, Johann Sebastian
DEMO_48	Children's Album, Op.39 No.4 Mama	
DEMO_49	Prelude in C major, BWV933	
DEMO_50	Preludium und Fuge in B BWV560- Pipe Organ music- Wohltemperiertes Klavier-Pledudio 1	
DEMO_51	Wohltemperiertes Klavier-Fuga 1	

Beyer / Czerny Etudes

Display	Title	Display	Title	Display	Title	Display	Title
Beyer	Beyer 1	BYR-76	Beyer 76	CZRN44	Czerny100-44	CZRN18	Czerny30-18
		BYR-77	Beyer 77	CZRN45	Czerny100-45	CZRN19	Czerny30-19
		BYR-78	Beyer 78	CZRN46	Czerny100-46	CZRN20	Czerny30-20
		BYR-79	Beyer 79	CZRN47	Czerny100-47	CZRN21	Czerny30-21
		BYR-80	Beyer 80	CZRN48	Czerny100-48	CZRN22	Czerny30-22
		BYR-81	Beyer 81	CZRN49	Czerny100-49	CZRN23	Czerny30-23
		BYR-82	Beyer 82	CZRN50	Czerny100-50	CZRN24	Czerny30-24
		BYR-83	Beyer 83	CZRN51	Czerny100-51	CZRN25	Czerny30-25
		BYR-84	Beyer 84	CZRN52	Czerny100-52	CZRN26	Czerny30-26
		BYR-85	Beyer 85	CZRN53	Czerny100-53	CZRN27	Czerny30-27
		BYR-86	Beyer 86	CZRN54	Czerny100-54	CZRN28	Czerny30-28
		BYR-87	Beyer 87	CZRN55	Czerny100-55	CZRN29	Czerny30-29
		BYR-88	Beyer 88	CZRN56	Czerny100-56	CZRN30	Czerny30-30
		BYR-89	Beyer 89	CZRN57	Czerny100-57	Czerny40	
		BYR-90	Beyer 90	CZRN58	Czerny100-58		
		BYR-91	Beyer 91	CZRN59	Czerny100-59	CZRN01	Czerny40-1
		BYR-92	Beyer 92	CZRN60	Czerny100-60	CZRN02	Czerny40-2
		BYR-93	Beyer 93	CZRN61	Czerny100-61	CZRN03	Czerny40-3
		BYR-94	Beyer 94	CZRN62	Czerny100-62	CZRN04	Czerny40-4
		BYR-95	Beyer 95	CZRN63	Czerny100-63	CZRN05	Czerny40-5
		BYR-96	Beyer 96	CZRN64	Czerny100-64	CZRN06	Czerny40-6
		BYR-97	Beyer 97	CZRN65	Czerny100-65	CZRN07	Czerny40-7
		BYR-98	Beyer 98	CZRN66	Czerny100-66	CZRN08	Czerny40-8
		BYR-99	Beyer 99	CZRN67	Czerny100-67	CZRN09	Czerny40-9
		BYR-100	Beyer 100	CZRN68	Czerny100-68	CZRN10	Czerny40-10
		BYR-101	Beyer 101	CZRN69	Czerny100-69	CZRN11	Czerny40-11
		BYR-102	Beyer 102	CZRN70	Czerny100-70	CZRN12	Czerny40-12
		BYR-103	Beyer 103	CZRN71	Czerny100-71	CZRN13	Czerny40-13
		BYR-104	Beyer 104	CZRN72	Czerny100-72	CZRN14	Czerny40-14
		BYR-105	Beyer 105	CZRN73	Czerny100-73	CZRN15	Czerny40-15
		BYR-106	Beyer 106	CZRN74	Czerny100-74	CZRN16	Czerny40-16
Czerny100	Czerny100-1	CZRN75	Czerny100-75	CZRN76	Czerny100-76	CZRN17	Czerny40-17
		CZRN77	Czerny100-77	CZRN78	Czerny100-78	CZRN18	Czerny40-18
		CZRN79	Czerny100-79	CZRN80	Czerny100-80	CZRN19	Czerny40-19
		CZRN81	Czerny100-81	CZRN82	Czerny100-82	CZRN20	Czerny40-20
		CZRN83	Czerny100-83	CZRN84	Czerny100-84	CZRN21	Czerny40-21
		CZRN85	Czerny100-85	CZRN86	Czerny100-86	CZRN22	Czerny40-22
		CZRN87	Czerny100-87	CZRN88	Czerny100-88	CZRN23	Czerny40-23
		CZRN89	Czerny100-89	CZRN90	Czerny100-90	CZRN24	Czerny40-24
		CZRN91	Czerny100-91	CZRN92	Czerny100-92	CZRN25	Czerny40-25
		CZRN93	Czerny100-93	CZRN94	Czerny100-94	CZRN26	Czerny40-26
		CZRN95	Czerny100-95	CZRN96	Czerny100-96	CZRN27	Czerny40-27
		CZRN97	Czerny100-97	CZRN98	Czerny100-98	CZRN28	Czerny40-28
		CZRN99	Czerny100-99	CZRN100	Czerny100-100	CZRN29	Czerny40-29
		CZRN01	Czerny30-1	CZRN02	Czerny30-2	CZRN30	Czerny40-30
		CZRN03	Czerny30-3	CZRN04	Czerny30-4	CZRN31	Czerny40-31
		CZRN05	Czerny30-5	CZRN06	Czerny30-6	CZRN32	Czerny40-32
		CZRN07	Czerny30-7	CZRN08	Czerny30-8	CZRN33	Czerny40-33
		CZRN09	Czerny30-9	CZRN10	Czerny30-10	CZRN34	Czerny40-34
		CZRN11	Czerny30-11	CZRN12	Czerny30-12	CZRN35	Czerny40-35
		CZRN13	Czerny30-13	CZRN14	Czerny30-14	CZRN36	Czerny40-36
		CZRN15	Czerny30-15	CZRN16	Czerny30-16	CZRN37	Czerny40-37
		CZRN17	Czerny30-17			CZRN38	Czerny40-38
						CZRN39	Czerny40-39
						CZRN40	Czerny40-40

Burgmüller Etudes / Sonatines

Display	Title	Display	Title	Composer
BRG-01	Burgmüller 25 Etude No.1 <i>La Candeur</i>	STN01_1	Sonatines op.20 no.1 1	F. Kuhlau
BRG-02	Burgmüller 25 Etude No.2 <i>L'Arabesque</i>	STN01_2	Sonatines op.20 no.1 2	
BRG-03	Burgmüller 25 Etude No.3 <i>La Pastorale</i>	STN01_3	Sonatines op.20 no.1 3	
BRG-04	Burgmüller 25 Etude No.4 <i>Patite Reunion</i>	STN02_1	Sonatines op.20 no.2 1	
BRG-05	Burgmüller 25 Etude No.5 <i>Innocence</i>	STN02_2	Sonatines op.20 no.2 2	
BRG-06	Burgmüller 25 Etude No.6 <i>Progres</i>	STN02_3	Sonatines op.20 no.2 3	
BRG-07	Burgmüller 25 Etude No.7 <i>La Courant Limpide</i>	STN03_1	Sonatines op.20 no.3 1	
BRG-08	Burgmüller 25 Etude No.8 <i>La Gracieuse</i>	STN03_2	Sonatines op.20 no.3 2	
BRG-09	Burgmüller 25 Etude No.9 <i>La Chasse</i>	STN03_3	Sonatines op.20 no.3 3	M. Clementi
BRG-10	Burgmüller 25 Etude No.10 <i>Tendre Fleur</i>	STN04_1	Sonatines op.55 no.1 1	
BRG-11	Burgmüller 25 Etude No.11 <i>La Bergeronnette</i>	STN04_2	Sonatines op.55 no.1 2	
BRG-12	Burgmüller 25 Etude No.12 <i>L'Adieu</i>	STN05_1	Sonatines op.55 no.2 1	
BRG-13	Burgmüller 25 Etude No.13 <i>Consolation</i>	STN05_2	Sonatines op.55 no.2 2	
BRG-14	Burgmüller 25 Etude No.14 <i>La Styrienne</i>	STN05_3	Sonatines op.55 no.2 3	
BRG-15	Burgmüller 25 Etude No.15 <i>Ballade</i>	STN06_1	Sonatines op.55 no.3 1	
BRG-16	Burgmüller 25 Etude No.16 <i>Douce Plainte</i>	STN06_2	Sonatines op.55 no.3 2	
BRG-17	Burgmüller 25 Etude No.17 <i>La Babillarde</i>	STN07_1	Sonatines op.36 no.1 1	J. Haydn
BRG-18	Burgmüller 25 Etude No.18 <i>Inquietude</i>	STN07_2	Sonatines op.36 no.1 2	
BRG-19	Burgmüller 25 Etude No.19 <i>Ave Maria</i>	STN07_3	Sonatines op.36 no.1 3	
BRG-20	Burgmüller 25 Etude No.20 <i>Tarantelle</i>	STN08_1	Sonatines op.36 no.2 1	
BRG-21	Burgmüller 25 Etude No.21 <i>L'Harmonie Des Anges</i>	STN08_2	Sonatines op.36 no.2 2	
BRG-22	Burgmüller 25 Etude No.22 <i>Barcarolle</i>	STN08_3	Sonatines op.36 no.2 3	
BRG-23	Burgmüller 25 Etude No.23 <i>Le Retour</i>	STN09_1	Sonatines op.36 no.3 1	
BRG-24	Burgmüller 25 Etude No.24 <i>L'hirondelle</i>	STN09_2	Sonatines op.36 no.3 2	
BRG-25	Burgmüller 25 Etude No.25 <i>La Chevaleresque</i>	STN09_3	Sonatines op.36 no.3 3	W.A. Mozart
		STN10_1	Sonatines op.36 no.4 1	
		STN10_2	Sonatines op.36 no.4 2	
		STN10_3	Sonatines op.36 no.4 3	L.V. Beethoven
		STN11_1	Sonatines op.36 no.5 1	
		STN11_2	Sonatines op.36 no.5 2	
		STN11_3	Sonatines op.36 no.5 3	J.L. Dussek
		STN12_1	Sonatines op.36 no.6 1	
		STN12_2	Sonatines op.36 no.6 2	
		STN13_1	Sonatines Hob. 16-35 1	J.L. Dussek
		STN13_2	Sonatines Hob. 16-35 2	
		STN13_3	Sonatines Hob. 16-35 3	
		STN14_1	Sonatines K.545 1	W.A. Mozart
		STN14_2	Sonatines K.545 2	
		STN14_3	Sonatines K.545 3	
		STN15_1	Sonatines op.49 no.2 1	L.V. Beethoven
		STN15_2	Sonatines op.49 no.2 2	
		STN16_1	Sonatines op.49 no.1 1	
		STN16_2	Sonatines op.49 no.1 2	J.L. Dussek
		STN17_1	Sonatines op.20 no.1 1	
		STN17_2	Sonatines op.20 no.1 2	

Functions

The piano offers extensive utilities designed to allow adjusting the piano to suit either personal preferences of a user or a given performance condition.

Transpose

The piano may be transposed up or down by units of semitones. It may be done to avoid having to change fingerings to accommodate playing with a singer or other instruments who are limited by their registers.

Press FUNCTION, then use the TRANSPOSE UP/DOWN buttons to transpose the piano.



- ✎ The LCD will show the current value.
- ✎ Pressing both TRANSPOSE UP/DOWN buttons simultaneously will restore the default value (0).

Music Transpose

Music Transpose moves the pitch of the Demo/Educational/VP Player music recordings in semitone steps. Use this when changing the key of demo recordings are required due to register issues of a singer or other instruments.

Press FUNCTION, then use the MUSIC KEY UP/DOWN buttons to transpose the demos.



- ✎ The LCD will show the current value.
- ✎ Pressing both MUSIC KEY UP/DOWN keys simultaneously will restore the default value (0).

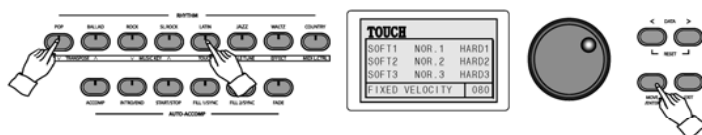
Touch

The Touch parameter determines how responsive the volume of a note is to the speed of the player's keystroke. The piano offers 10 different Touch settings to suit different types of players.

Adjusting Touch

Press FUNCTION, then press TOUCH to call up the Touch menu.

Use the MOVE/ENTER button to reach the desired value.



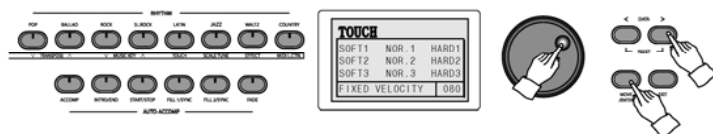
Display	Description
SOFT 1 SOFT 2 SOFT 3	These settings allow the player to produce large sound without necessarily using large forces, and are designed to suit players who do not have much finger strength.
NORMAL 1 NORMAL 2 NORMAL 3	These settings represent the responsiveness of ordinary acoustic pianos. Default value: Normal 2.
HARD 1 HARD 2 HARD 3	These settings require the player to play quite hard to produce loud sounds, and suits players that possess strong fingers or desire more delicate control of soft melodies.
FIXED VELOCITY	Under this unique setting, all notes are pronounced equally regardless of the player's finger velocity.

- ✎ The LCD will show the current value.
- ✎ Pressing both DATA buttons simultaneously will restore the default value (Normal 2).
- ✎ Your last configurations will be retained until the piano is turned off (unless the KEEP SETTING feature is enabled, in which case it is retained permanently).
- ✎ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.

Adjusting the Velocity for the 'Fixed Velocity' Setting

When the Touch parameter is set to 'Fixed Velocity', all notes played will have the same velocity regardless of how it is played. You also may set the constant volume level that you wish to use while using Fixed Velocity.

While in the Touch menu, repeatedly press MOVE/ENTER until you reach Fixed Velocity. Then use the DATA buttons or DATA wheel to edit the velocity value.



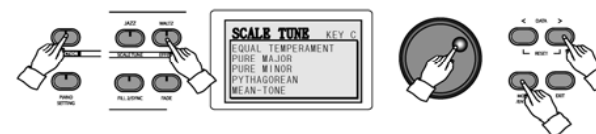
- ✎ Pressing both DATA buttons simultaneously will restore the default value (80).
- ✎ Your last configurations will be retained until the piano is turned off (unless the KEEP SETTING feature is enabled, in which case it is retained permanently).
- ✎ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.

Scale Tune

Most western music and its instruments use the equal temperament system for tuning, but in different historic periods and/or cultures many other types of tuning systems are found. This piano may be tuned to any of the tuning systems described below.

Press FUNCTION, then press SCALE TUNE to call up the Scale Tune menu.

Use the MOVE/ENTER button to reach the desired value.



Display	Name	Description
1	EQUAL_TEMPERAMENT	The most widely used system of tuning which features equal ratios of frequency between all semitones.
2	PURE_MAJOR	A tuning system that strictly follows the natural overtones, which sets the frequency ratio between two notes to small integers. This scale produces the purest triads (I, IV, V).
3	PURE_MINOR	
4	MEAN_TONE	The Pythagorean system is constructed purely on the basis of octaves and fifths, which produces the purest fifths and fourths but destabilizes thirds. The mean-tone system was developed to address this issue to "fix" the thirds so that they would sound consonant.
5	PYTHAGOREAN	
6	WERCKMEISTER	These tuning systems were created by combining the mean tone and Pythagorean systems, in which each musical key possesses its own characteristic.
7	KIRNBERGER	
8	ARABIC_1	
9	ARABIC_2	The tuning system used for traditional Arabic music.

Effect

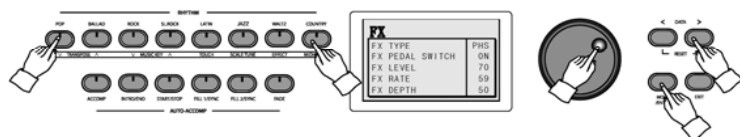
Effect adds digital sound effects to the voices, allowing the piano to produce more abundant and unique colors of sound.

4 types of effect are available: Chorus, Phaser, Tremolo, and Rotary.

All types of effect have their own default values, which may be adjusted by the user.

Using Effect

Press FUNCTION, then press EFFECT.



Effect Parameters

Repeatedly press MOVE/ENTER to reach the desired field, then use the DATA buttons or DATA wheel to adjust its value.

FX TYPE	OFF	CHR	PHS	TRM	RTY	Range	Description
FX PEDAL SWITCH	OFF	ON	ON	ON	ON	ON, OFF	Left Pedal Behavior
FX LEVEL	0	70	70	70	100	0~100	Effect Strength
FX RATE	0	37	59	32	0	0~100	Effect Rate
FX DEPTH	0	100	50	100	0	0~100	Effect Depth

FX Pedal Switch

When enabled, it sets the left pedal to function as a trigger for applying the effect. In other words, the effect is applied only when the left pedal is pressed. (Default: ON)

Set this to OFF if you wish to always apply the effect regardless of the pedal.

- ✎ The LCD will show the current value.
- ✎ Pressing both DATA buttons simultaneously will restore the default value.
- ✎ Your last configurations will be retained until the piano is turned off (unless the KEEP SETTING feature is enabled, in which case it is retained permanently).
- ✎ If the AUTO EFFECT feature is enabled, when a voice is selected an optimal effect setting for that voice is automatically applied.

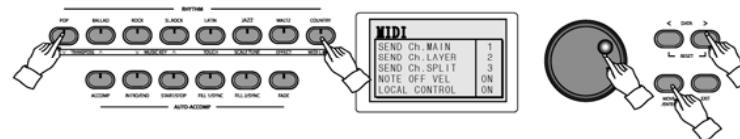
MIDI Local Control

Intended for MIDI users, this setting is used mainly when connecting the piano to external devices like computers so as to use the piano as a MIDI input device.

Setting Local Control to Off prevents the input data of the keyboard from being sent to the internal speaker system of the piano, thereby silencing it while the data is output as MIDI signals to any external devices connected to the piano.

Press FUNCTION, then press MIDI L.CTRL to call up the MIDI menu.

Use the MOVE/ENTER button to reach the desired field, then use the DATA buttons or DATA wheel to adjust its value.



Parameter	Default	Range
SEND CH. MAIN	1	1~16
SEND CH. LAYER	2	1~16
SEND CH. SPLIT	3	1~16
NOTE OFF VEL	ON	ON, OFF
LOCAL CONTROL	ON	ON, OFF

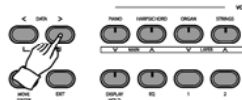
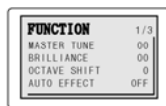
Configuring MIDI Output Channels

All MIDI devices use 16 channels to exchange MIDI signals. These channels must match between the two devices exchanging the signals, otherwise the messages cannot be exchanged.

These fields allow to set the MIDI channels to use for outputting the individual parts of the piano.

Each part may be sent via a separate MIDI channel.

Other Functions



1 Press FUNCTION to call up the function menu.

2 Repeatedly press the MOVE/ENTER button to reach the desired field and use the DATA buttons or DATA wheel to adjust its value.

- ✎ The LCD shows the current values.
- ✎ Your last configurations will be retained until the piano is turned off (unless the KEEP SETTING feature is enabled, in which case it is retained permanently).
- ✎ After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.

Master Tune

Tune allows fine tuning of the piano by units of cents, which is useful when the piano is to be played alongside other acoustic instruments that are tune-sensitive.

- ✎ Press both DATA buttons simultaneously to restore its default value (0).
- ✎ Range: A4 440Hz \pm 99 cents (default 0)
- ✎ Hertz (Hz): A unit of vibration; it represents the number of repetition occurring in a second in regard of an iterative movement by an object or a wave.
- ✎ Cent: A unit of pitch; 1 cent equals to a hundredth of a semitone.

Brilliance

Brilliance determines the timbre of the piano sound.

When Brilliance is increased the piano sound gains more pronouncing clarity, and when decreased the sound is softened.

- ✎ This affects ALL voices, including the voices used for the Layer/Split features.
- ✎ Press both DATA buttons simultaneously to restore the default value (0).
- ✎ Range: +50 (Default: 0)

Octave Shift

Octave Shift allows to transpose the piano up or down by 1 or 2 octaves.

Press the DATA UP button or turn the DATA wheel to view its subcategories. In the submenu, use the MOVE/ENTER button and DATA buttons to set the values accordingly.

- ✎ Each voice (Main/Layer/Split) has its own independent Octave Shift value.
- ✎ Range: -2 ~ 0 ~ +2 Octaves (Default: 0)
- ✎ Press both DATA buttons simultaneously to restore its default value (0).

Auto Effect

If enabled, this automatically applies the optimal Reverb and Effect settings whenever a voice is selected.

- ✎ Range: On, Off (Default Off)
- ✎ If you want to keep your previous Reverb/Effect settings, this must be disabled.
- ✎ Refer to page 56 for details on settings applied depending on the chosen voice.

Linear Damper

The Linear Damper feature, also commonly referred to as the Half Pedal, adjusts the duration of sustain depending on how deep the sustain pedal is pressed.

- ✎ Range: On, Off (Default ON)
- ✎ Refer to page 11 for details on pedals.

LCD Contrast

This determines the brightness of the LCD.

- ✎ Range: -20 ~ 0 ~ +20 (Default 0)
- ✎ This field retains its value even if the piano is turned off, regardless of the KEEP SETTING feature.

Auto Power-Off Timer

This determines the amount of unused time to wait before the piano turns off itself automatically.

- ✎ Range: OFF, 30, 120, 240 minutes
- ✎ Press both DATA buttons simultaneously to restore the default value (30).
- ✎ This field retains its value even if the piano is turned off, regardless of the KEEP SETTING feature.
- ✎ Refer to page 8 for details on the Auto Power-Off feature.

Keep Setting

If enabled, all changes made to the settings and parameters of the piano will be retained even if the piano is turned off.

- ✎ Range: On, Off

System Info

Displays the version of the internal software.

Function Reset

Initializes ALL settings and parameters to their default values, except for the LCD Contrast and Auto Power-Off fields.

Piano Settings

This represents many parameters related to different acoustic characteristics that are related to the acoustic piano. All parameters in this category affect only the piano voices.



- 1 Press **PIANO SETTING** to call up the Piano Setting menu.
- 2 Press **MOVE/ENTER** to reach the desired field, then use the **DATA** buttons or **DATA** wheel to adjust its value.
- 3 Press **PIANO SETTING** again to exit the menu.

String Resonance Volume

On acoustic pianos, when a key is played there are subtle interferences between sympathetic strings, which is a phenomenon commonly referred as the string resonance. The piano sound contains string resonance samples for advanced realism. This parameter determines the volume of this effect.

- Range: 0 - 100 (Default: 80)
- Press both **DATA** buttons simultaneously to restore its default value (80).

Damper Resonance Volume

When playing an acoustic piano with the sustain pedal pressed, the open strings that are not being played also vibrate sympathetically since the dampers are off. This piano offers live samples of this sound of all open strings vibrating when a key is played with damper pedal pressed. This parameter determines the volume of this effect.

- Range: 0 - 100 (Default: 80)
- Press both **DATA** buttons simultaneously to restore its default value (80).

SND.BD Resonance Volume

The soundboard of an acoustic piano resonates along in reaction to the frequencies of the notes as they are played. This parameter determines the strength of this reflections.

- Range: 0 - 100 (Default: 65)
- Press both **DATA** buttons simultaneously to restore its default value (65).

Key-Off Volume

On acoustic pianos, as the key is released there is the subtle sound of the dampers falling back onto their strings again. The key-off samples of this piano bring the subtle yet essential sensation of key release to life. This parameter determines the volume of this effect.

- Range: 0 - 4 (Default: 0)
- Press both **DATA** buttons simultaneously to restore its default value (0).

Hammer Sound

The acoustic piano creates sound by striking its strings with hammers, which is called the hammer sound. This parameter controls the volume of the physical sound of hammers hitting the strings.

- Range: 0 - 100 (Default: 40)
- Press both **DATA** buttons simultaneously to restore its default value (40).

Stretch Tune

When tuning an acoustic piano, the low strings are tuned a bit lower than their original pitches, and the high strings higher, in order to accommodate the frequency difference of the harmonic series that occurs depending on the tension and stiffness of the strings, balancing the pitches of the overtones and preventing dissonance when playing multiple notes at once.

- Setting this **OFF** will result in the piano being 'flat-tuned', which means that the notes are tuned strictly according to their basic pitches, disregarding the harmonic series.
- Range: ON, OFF (Default: ON)
- Press both **DATA** buttons simultaneously to restore its default value (ON).

EQ

EQ Settings

The equalizer divides all output sound of the piano into four levels of frequencies consisting of high (2.6KHz), mid-high (1.2KHz), mid-low (300Hz) and low (115Hz), and allows to make volume adjustments to each level independently.

Setting Equalizer

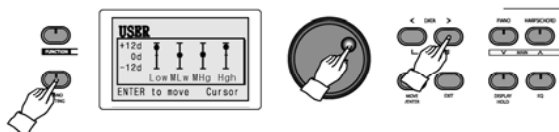
Press and hold down the EQ button until the EQ menu pops up. Use the DATA buttons or DATA wheel to set the values as desired.



7 preset EQs including PIANO, 3D PIANO, CLASSIC, DANCE, ROCK, HI-FI, LIVE CLUB are provided, as well as a customizable USER setting.

Custom EQ

In the EQ Settings menu, press the MOVE/ENTER button to call up the USER EQ window. Then use the MOVE/ENTER button to reach the desired frequency range (low, mid-low, mid-high, high) and the DATA buttons or DATA wheel to adjust its value.



Frequency Levels

- 1) High band(2.6KHz)
- 2) Middle high band(1.2KHz)
- 3) Middle low band(300Hz)
- 4) Low band(115Hz)

Available EQ adjustment range: -12db ~ +12db

Auto Accompaniment

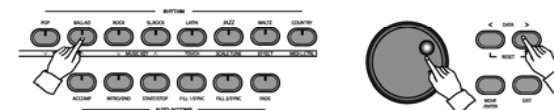
The piano features a versatile auto accompaniment system that is capable of providing fitting rhythmic accompaniment to diverse musical genres. This system also provides a chordal accompaniment feature that detects simple chord inputs from the player and generates a full accompaniment consisting of drums, bass and chords.

Choosing a Rhythm

80 types of different rhythmic styles are provided.

Press a rhythm group button corresponding to the desired rhythm. The LCD will show the list of rhythms belonging to that rhythm group.

Either repeatedly press the same rhythm button or use the DATA buttons or DATA wheels to reach the desired rhythm style.



- 8 rhythm groups exist, each consisting of 10 different rhythm patterns.
- When a rhythm button is pressed, the LCD will display a menu listing all rhythms belonging to the chosen rhythm group for 3 seconds. Use the DATA buttons or DATA wheel to select the desired voice.
- After displaying a menu for 3 seconds, the LCD automatically turns it off. If you want to disable this and would like to stay on the menu, press DISPLAY HOLD.
- Your last configurations will be retained until the piano is turned off (unless the KEEP SETTING feature is enabled, in which case it is retained permanently).

POP	BALLAD	ROCK	SL ROCK	LATIN	JAZZ	WALTZ	CNTRY.
Pop1	Ballad1	Rock 1	SlowRock1	Latin 1	Blues1	Waltz 1	Country 1
Pop2	Ballad2	Rock 2	SlowRock2	Latin 2	Blues2	Waltz 2	Country 2
Dance1	Ballad3	Rock 3	SlowRock3	Latin 3	Swing1	Waltz 3	Folk Rock1
Dance2	Ballad4	Rock 4	Gospel	Latin 4	Swing2	Waltz 4	Folk Rock2
Dance3	Ballad5	Rock 5	Funk1	Samba	Jazz 1	March 1	CntryRock
Dance4	Ballad6	Shuffle 1	Funk2	Rhumha	Jazz 2	March 2	Folk
Dance5	Beguine1	Shuffle 2	Funk3	Salsa 1	Jazz 3	Polka	Reggae
Dance6	Beguine2	Shuffle 3	Boogie	Salsa 2	Bossanova1	Bluegrass	ChaCha
Hiphop	R&B	Motown1	Soul1	Tango1	Bossanova2	Dolce	Makarena1
House	NewAge	Motown2	Soul2	Tango2	Bossanova3	Classic	Makarena2

Adjusting Tempo

Use the TEMPO buttons to adjust the tempo of the auto accompaniment.



- Keep a TEMPO button pressed to quickly run through the values.
- Range: 40 - 250 bpm (beats per minute)
- Pressing both TEMPO buttons simultaneously will restore the default tempo (120).
- When a change occurs to the LCD, the accompaniment may be temporarily slowed.
- Each rhythm has its own default tempo setting. Whenever a new rhythm style is chosen, the tempo is set to the default value of the new rhythm.

Adjusting Auto Accompaniment Volume

1 Press MIXER to call up the Mixer menu.

2 Adjust the volume of auto accompaniment.

Use the ACC.MUSIC buttons to adjust the volume of auto accompaniment.



- ✎ Pressing both ACC.MUSIC buttons simultaneously will restore the default value.
- ✎ Hold down an ACC.MUSIC button to quickly run through the values.
- ✎ Alternatively, repeatedly press MOVE/ENTER to reach 'AC', then use the DATA buttons or DATA wheel to adjust the volume.

Starting the Auto Accompaniment



There are three methods to start the auto accompaniment.

1 Start immediately

Press START/STOP to start the accompaniment immediately. Press START/STOP again to stop.

2 Start with an introduction passage

Press INTRO/END, then press START/STOP to begin the accompaniment with an introduction.

3 Fade in

The accompaniment may be initiated with a gradual fade in effect beginning from zero volume. Press FADE before starting the accompaniment using the above methods. The button will turn on, and when the accompaniment starts its volume will gradually grow from zero until reaching the full volume, upon which the FADE button will turn off.

Basic and Variation Patterns

The auto accompaniment is based on a four-measure long sequence, of which there are two types: the basic and variation.

Mixing up these patterns can greatly increase the impact of musical climax.

While an auto accompaniment is going on, press FILL2/SYNC button to enter the variation pattern after a brief transitional sequence is played. Press FILL1/SYNC to return to the basic pattern, again with a brief transition.

- ✎ Basic pattern is intended for normal passages of a musical piece.
- ✎ Variation pattern is intended for the musical climax, or refrain in case of vocal music.
- ✎ These FILL buttons may be used just for the transition, or the FILL-IN effect to emphasize certain passages without switching the ongoing pattern. For example, you may press FILL1/SYNC while on the basic pattern, which will play the transition for the emphasizing effect, but not switch to the variation pattern afterwards.

Ending the Auto Accompaniment

There are three methods to end the accompaniment.

1 End immediately

Press START/STOP to immediately stop an ongoing accompaniment.

2 End with a closing pattern

Press INTRO/END while an accompaniment is ongoing. A closing passage of maximum 12 measures will be played before the accompaniment terminates.

- ✎ While the closing pattern is being played, pressing the FILL buttons will abort the closing and instead play the FILL transitions, followed by the regular rhythm patterns.

3 Fade out

The accompaniment may gradually fade out until its volume reaches zero. Press FADE while an accompaniment is going. The button will turn on, and the accompaniment will fade away until its volume reaches zero, upon which the FADE button will turn off.

- ✎ Press FADE again if you wish to abort the fading out.

Adjusting the Split Point

Split Point also determines the area of keyboard that is used for indicating chords when using the auto accompaniment in the Single Finger or Fingered mode. In these modes, chords should be indicated using the keys on the left part, otherwise they would not be recognized.

Press and hold down SPLIT until the Split menu is called up, then set the Split Point using the DATA buttons and DATA wheel.

- ✎ Default: F#3
- ✎ Refer to page 18 for details on the Split menu.

Chordal Accompaniment

The auto accompaniment feature is able to generate chordal accompaniment as indicated by the player on the keys, following the chosen rhythmic pattern. When this is enabled, besides the drums and percussions the accompaniment also adds on melodic instruments to play the chords so that anyone may enjoy playing music of different genres.

1 Choose a rhythm first.

Refer to page 37.

2 Set the tempo.

Refer to page 37.

3 Turn on the chordal accompaniment.

Press ACCOMP. The button will turn on.

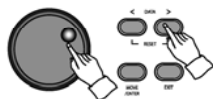
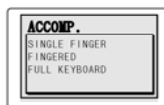
⇨ Press ACCOMP again to turn off the chordal accompaniment. This only affects the chord part and does not turn off the rhythmic accompaniment.



4 Select the desired method for indicating chords.

When the ACCOMP button is pressed, the LCD will show the list of available methods for inputting chords. Use the DATA buttons or DATA wheel to select the desired method.

⇨ Default : FINGERED



5 Start the auto accompaniment.

Press START/STOP to begin the rhythm accompaniment (see page 37), and indicate a chord using the selected method to trigger the chordal accompaniment. All other auto accompaniment features are also available (see page 37~39).

⇨ Alternatively, indicate a chord first to begin the chord and rhythm parts together while the START/STOP button is flashing.

6 End the auto accompaniment

Use the START/STOP, INTRO/ENDING or FADE buttons to end the auto accompaniment. (see page 39).



Chord Input Methods

There are three available methods for a player to indicate chords to be generated.

Fingered (Default)

The fingered mode detects a chord only when all notes of the chord is played on the lower register (determined by the Split Point). It is the most commonly used method. (See page 36).

Single Finger

The single finger mode allows the user to indicate chords by playing 1, 2, 3, or 4 adjacent white notes on the lower register to play the major, minor, dominant 7th and minor 7th chords, and is suitable for novices.

Full Keyboard

The full keyboard mode detects chords from all notes played on all 88 keys, and do not reserve the lower register for chord indication.

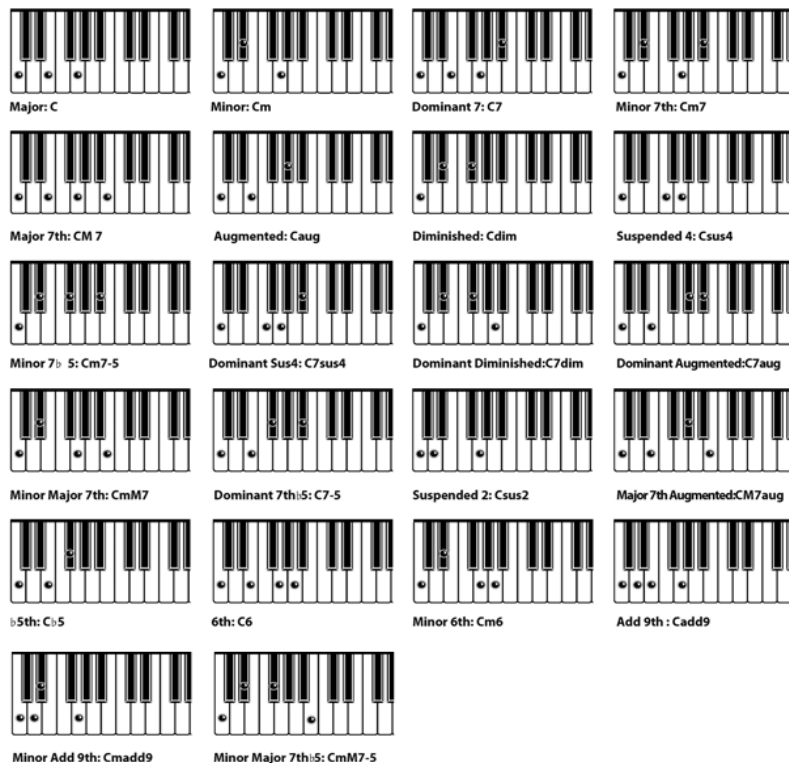
Single Finger Method

The chords may be indicated on the lower register, using 1~4 fingers following the rules below.

Chord	Example	
MAJOR Play a note to generate a major triad with that note as its bass.	C	
MINOR Play a note and its next white key to generate a minor triad with the first note as its bass.	Cm	
Dominant 7th Play a note and its next two white keys to generate a dominant 7th chord with the first note as its bass.	C7	
Minor 7th Play a note and its next three white keys to generate a minor 7th chord with the first note as its bass.	Cm7	

Fingered

The fingered mode detects a chord only when it is fully spelled within the lower register, which is capable of generating more advanced chords and is the most commonly used method.



Full Keyboard

The full keyboard mode detects chords from all 88 keys. Therefore, there is no 'reserved area' for chord indication, your both hands are free to play on any register, and the piano will take care of analyzing the notes and coming up with a chord. This mode offers the advantage that there is no need to consider the exact notes that make up a given chord while playing. The detected chord is displayed on the LCD, but sometimes the chord may be incorrect, because the piano takes all non-harmonic notes into account.

Record

The piano features an extensive recording system to record the player's performance. The recordings may be saved to a USB flash memory for convenience, and saved recordings may be recalled for playback at user's discretion.

Recording/Playing

1 Preparation

Choose the voice(s) that you wish to use for recording, and press RECORD.

The button will turn on, and the TRACK1 button will begin flashing. The Layer and Split features may be used for recording.

- ✦ A flashing TRACK button indicates that its corresponding track is ready to record.
- ✦ Two recording tracks are available, each able to save up to 9,000 notes.



2 Record to Track 1.

Play a key, or press PLAY/PAUSE to begin recording.

- ✦ Recording will terminate if the piano is not played for a long time.



3 Leave Track 1.

Press the PLAY/PAUSE or STOP button to stop recording to Track 1.

If desiring to hear what is recorded in Track 1, press PLAY/PAUSE once again.

- ✦ Press STOP to stop the playback.

4 Record to Track 2.

Press TRACK2 to trigger the button. Then play a key, or press PLAY/STOP to begin recording.



- ✦ If you want to mute track 1 while recording to track 2, press TRACK1 again to turn it off.
- ✦ Recording will terminate if the piano is not played for a long time.

5 Leave Track 2.

Press the PLAY/PAUSE or STOP button to stop recording.



6 Playback

Press PLAY/PAUSE to hear the recorded tracks.

⇨ Press STOP to stop the playback.



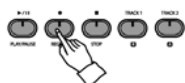
7 Erasing

Press and hold down a TRACK button until a 'bell' rings to erase the corresponding track. Press and hold down the RECORD button until a 'bell' rings to erase all tracks.

⇨ The tracks are not erased by turning off the piano.

8 Exit recording mode.

Press RECORD again to quit recording and return to performance mode.



Saving To USB

The recorded music may be saved to a USB flash memory, which may be recalled to be played anytime.

1 Insert the USB memory to the USB-TO-DEVICE terminal.



- ⇨ The use of the bundled USB memory is recommended.
- ⇨ The USB MEMORY button does not work if no USB memory is detected.
- ⇨ Do not try to force the USB memory in or out of the slot.
- ⇨ Do not remove the USB memory when it is being accessed. Doing so may corrupt the data inside.

2 Call up the USB memory menu.

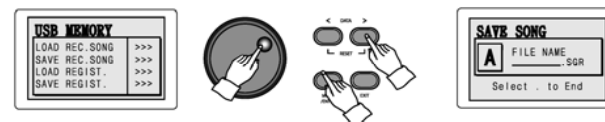
Press the USB MEMORY button. The LCD will show the USB memory menu.

⇨ The USB memory feature cannot be accessed while RECORD is active.



3 Select "SAVE REC.SONG".

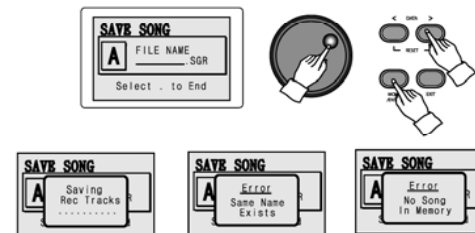
Press the MOVE/ENTER button to reach the SAVE REC.SONG option and use the DATA buttons or DATA wheel to write the filename.



4 Save to the USB memory.

Use the DATA buttons to cycle through the characters, and press MOVE/ENTER when the desired alphabet is chosen.

Repeat this process until the full filename is written, then locate '.' on the character input (found ahead of A) and press MOVE/ENTER to save the tracks recorded in the piano. After saving, the initial screen will be displayed again.



- ⇨ If a file with the same name exists, the filename cannot be used.
- ⇨ It takes about 10-60 seconds to recall data saved in the USB memory, depending on the size of the saved data.
- ⇨ Do not remove the USB memory while data is being accessed. Doing so may corrupt the data.
- ⇨ If a file could not be saved properly, the LCD will display an ERROR message, followed by a return to the initial screen. In this case, the file is permanently lost.
- ⇨ If you wish to save only 1 track, erase the unwanted track prior to saving.

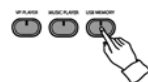
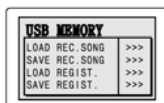
Loading From USB

The recordings saved in the USB memory may be loaded and played again.

1 Insert the USB memory to the USB-TO-DEVICE terminal.

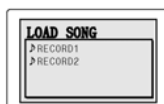
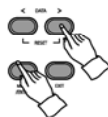
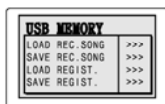
2 Press the USB MEMORY button.

The LCD will show the USB memory menu.



3 Select 'LOAD REC.SONG'.

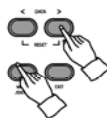
Press MOVE/ENTER to select the LOAD REC.SONG option and use the DATA buttons or DATA wheel to pop the dialog below.



4 Load the desired file.

Use the DATA buttons or DATA wheel to move the cursor around, and press MOVE/ENTER to select a file or a folder.

Once the loading is complete, the RECORD button will turn on.



5 Play the loaded song.

Press PLAY/PAUSE to play the loaded song.

- When a saved file has been loaded, the tracks are overwritten with the loaded song.
- All previous contents of the tracks are lost.

Registration

Registration allows the user to save all current settings and parameters of the piano to the registration memories, so that they may be recalled for easy use in the future.

Using Registration Memory

Saving a Registration

Once all desired parameters are set, press and hold down SAVE and then press one of the 4 REGISTRATION buttons to save current settings to that memory. If more than 4 registration slots are needed, hold down the BANK button, then press one of the 4 REGISTRATION buttons to switch to another registration memory bank. Each bank consists of 4 registration memories, allowing for a total of 16 registration slots.



Loading a Registration

Press the REGISTRATION button corresponding to the desired registration number.



- If desiring to load a registration saved in banks other than bank #1, press and hold down the BANK button, then press the REGISTRATION button with the corresponding number to select the desired bank first.

Saving Registrations To USB

The registrations saved in the piano memory may also be saved to USB memories as files, which may be reloaded to the piano later.

1 Insert the USB memory to the USB-TO-DEVICE terminal.



- The use of the bundled USB memory is recommended.
- The USB MEMORY button does not work if no USB memory is detected.
- Do not try to force the USB memory in or out of the slot.
- Do not remove the USB memory while data is being accessed. Doing so may corrupt the data.

2 Call up the USB memory menu.

Press the USB memory button. The LCD will show the USB memory menu.

3 Select 'SAVE REG'.

Press the MOVE/ENTER button to move the cursor to the 'SELECT REGISTRATION' option, then use the DATA buttons or DATA wheel to call up the input dialog on the right.

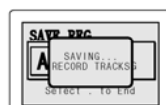
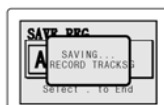
**4 Save to the USB memory.**

Use the DATA buttons to cycle through the characters, and press MOVE/ENTER when the desired alphabet is chosen.

Repeat this process until the full filename is written, then find '.' on the character input (located ahead of 'A') and press MOVE/ENTER to save.

After saving, the initial screen will be displayed again.

- ⓘ If a file with the same name exists, the filename cannot be used.
- ⓘ It takes about 10-60 seconds to recall data saved in the USB memory, depending on the size of the saved data.
- ⓘ Do not remove the USB memory while it is being accessed. Doing so may corrupt the data.
- ⓘ If a file could not be saved properly, the LCD will display an ERROR message, followed by a return to the initial screen. In this case, the file is permanently lost.

**Loading Registrations From USB**

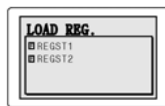
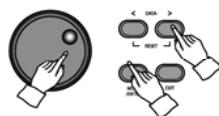
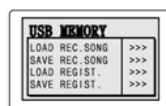
The registration files saved in the USB memory may be reloaded to the piano.

1 Insert the USB memory to the USB-TO-DEVICE terminal.**2 Call up the USB memory menu.**

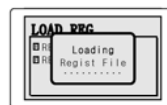
Press the USB MEMORY button.

3 Select 'LOAD REGISTRATION'.

Repeatedly press MOVE/ENTER to select 'LOAD REGIST.', then use the DATA buttons or DATA wheel to see the dialog below.

**4 Load the desired registration file.**

Select the desired file by using the DATA buttons, then press MOVE/ENTER to load it.



- ⓘ When a registration file has been loaded, the registration memories are overwritten with the loaded content.

VP Player

The provided USB memory that comes with the piano contains recordings of music in many different genres, which may be played using the VP player feature.

Playing VP Music Files**1 Insert the USB memory to the USB-TO-DEVICE terminal.**

- ⓘ The VP music data is saved in the provided USB memory. Therefore the bundle USB memory must be used in order to play the VP music.
- ⓘ If the bundled USB memory is lost, or its data has been corrupted, the VP music data must be installed again. Since the USB memory must be formatted in order to do this, it is recommended to create a backup copy of its contents.
- ⓘ Contact customer service for instructions on installing the data.

2 Select a VP player group.

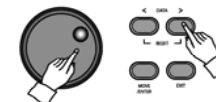
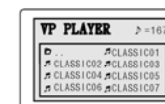
Press the VP PLAYER button. The LCD will show the folders, each corresponding to a musical genre. Use the DATA buttons or DATA wheel to select a folder, then press MOVE/ENTER to enter it.



- ⓘ Each folder represents a specific musical genre (classic, pop, jazz, juvenile, educational etc.).
- ⓘ Use the DATA buttons or DATA wheel to navigate the folders.
- ⓘ The DISPLAY HOLD button does not work when using VP PLAYER.

3 Select the desired piece to play.

Use the DATA buttons or DATA wheel to pick a piece.



- ⓘ 'b' indicates a folder and 'a' indicates a music file.

4 Play the chosen piece.

Press PLAY/PAUSE to play the chosen piece.



Adjusting VP player volume

Press MIXER to call up the Mixer menu, then use the ACC.MUSIC buttons to adjust playback volume.

- Alternatively, use the DATA buttons to adjust the volume ('MU').
- Available range is 0 - 100, with 80 as default.
- Refer to page 21 for details on Mixer.

Adjusting VP player tempo

Each piece in the VP library has its own default tempo. When a piece is being played, use the TEMPO buttons to adjust its tempo.

- When the playback is stopped and then resumed, or a new piece has been selected, its tempo is set back to the default.
- Pressing both TEMPO buttons simultaneously will restore the default tempo of current piece.

Repeating

To repeat a piece, press TRACK1/R. The button will turn on, and once a piece is over it will be played again.

Playing all pieces in succession

To play all pieces in the folder in succession, press TRACK2/A. The button will turn on, and once a piece is over it will be followed by the next piece in the folder, continuing until the end of the folder is reached.

5 To move to a different folder (genre), select '!' on the first of the list and press MOVE/ENTER to move to the parent folder, where you may choose another folder to enter.

6 Press STOP to stop the playback.

- Any repetition or successive playback options also will be aborted.



7 Exit VP player.

Press the VP PLAYER button again to turn it off.

Music Player

SMF stands for the Standard MIDI File, and is the standard format of MIDI files used in various MIDI related application and sequencers for data compatibility. Three types of SMF format exist, of which SMF 0 and SMF 1 are supported by the SMF player included in this piano.

The extension of SMF files are *.MID. Most files with this extension should be playable. Many SMFs are available for download online via music related websites.

Playing MP3/MIDI files

1 Insert the USB memory to the USB-TO-DEVICE terminal.

Prior to this, copy the MP3/SMF files you wish to play into the USB memory.

- Preparation**
 - Download the MP3 (*.mp3) or SMF (*.mid) files from music websites.
 - Move or copy the downloaded MP3 or SMF files in your computer to the USB memory.



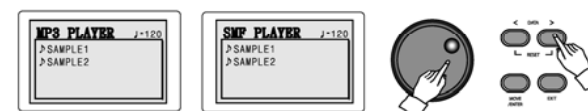
- The use of the bundled USB memory is recommended.
- Do not try to force the USB memory in or out of the slot.
- Do not remove the USB memory while data is being accessed. Doing so may corrupt the data.
- The USB MEMORY button does not work if no USB memory is detected.

2 Select the file to play.

Press the MUSIC PLAYER button shortly to see the list of MP3 files. Press and hold down MUSIC PLAYER longer to see the list of SMF files.



3 Use the DATA buttons or DATA wheel to select the desired file.



- '!' indicates a folder and '.' indicates a music file.

4 Play the chosen MP3/SMF file.

Press PLAY/PAUSE to start playback.

**Adjusting music file playback volume**

Press MIXER to call up the Mixer menu, then use the ACC.MUSIC buttons to adjust playback volume.

Alternatively, use the DATA buttons to adjust the volume.

Available range is 0 - 100, with 80 as default.

Refer to page 21 for details on MIXER.

The piano needs to convert MIDI files in SMF 1 format into SMF 0 before it could be played. Therefore it will require some time for the conversion (10-60 seconds depending on size).

Repeating

To repeat a piece, press TRACK1/R. The button will turn on, and once a piece is over it will be played again.

Playing all pieces in succession

To play all pieces in the folder in succession, press TRACK2/A. The button will turn on, and once a piece is over it will be followed by the next piece in the folder, continuing until the end of the folder is reached.

5 To move to a different folder, select '.' on the first of the list and press MOVE/ENTER to move to the parent folder, where you may choose another folder to enter.

6 Press STOP to stop the playback.**GM Voice & Percussions List****GM Voice**

GM #	VOICE	GM #	VOICE
001	Piano1	065	Soprano Saxophone
002	Piano2	066	Alto Saxophone
003	Piano3	067	Tenor Saxophone
004	Honky Tonk	068	Baritone Saxophone
005	Electric Piano 1	069	Oboe
006	Electric Piano 2	070	English Horn
007	Harpsichord	071	Bassoon
008	Clavinet	072	Clarinet
009	Celesta	073	Piccolo
010	Glockenspiel	074	Flute
011	Music Box	075	Recorder
012	Vibraphone	076	Pan Flute
013	Marimba	077	Bottle Blow
014	Xylophone	078	Shakuhachi
015	Tubular Bell	079	Whistle
016	Dulcimer	080	Ocarina
017	Electric Organ	081	Square
018	Jazz Organ	082	Sawtooth
019	Rock Organ	083	Calliope
020	Pipe Organ	084	Chiffer
021	Reed Organ	085	Charang
022	Accordion	086	Solo Vox
023	Harmonica	087	Fifths
024	Banjo	088	Bass Lead
025	Nylon Guitar	089	Fantasia
026	Steel Guitar	090	Warm Pad
027	Jazz Guitar	091	Poly Synth
028	Clean Guitar	092	Space Vox
029	Muted Guitar	093	Bow Glass
030	Drive Guitar	094	Metal Pad
031	Lead Guitar	095	Halo Pad
032	Harmonic Guitar	096	Sweep Pad
033	Acoustic Bass	097	Ice Rain
034	Finger Bass	098	Sound Track
035	Pick Bass	099	Crystal
036	Fretless Bass	100	Atmosphere
037	Slap Bass1	101	Brightness
038	Slap Bass2	102	Goblin
039	Synth Bass1	103	Echo Drop
040	Synth Bass2	104	Star Theme
041	Violin	105	Sitar
042	Viola	106	Banjo
043	Cello	107	Shamisen
044	Contra Bass	108	Koto
045	Tremolo Strings	109	Kalimba
046	Pizzicato Strings	110	Bagpipe
047	Harp	111	Fiddle
048	Timpani	112	Shanai
049	Strings	113	Tinkle Bell
050	Slow Strings	114	Agogo
051	Synth Strings1	115	Steel Drum
052	Synth Strings2	116	Wood Block
053	Choir Aahs	117	Taiko
054	Voice Oohs	118	Melody Tom
055	Synth Voice	119	Synth Drum
056	Orchestra Hit	120	Reversed Cymbal
057	Trumpet	121	Guitar Noise
058	Trombone	122	Breath Noise
059	Tuba	123	Sea Shore
060	Muted Trumpet	124	Birds
061	French Horn	125	Telephone
062	Brass Section	126	Helicopter
063	Synth Brass1	127	Applause
064	Synth Brass2	128	Gunshot

Percussions

GM Voice & Percussions

Percussions

	Prog 1 Standard Drum	Prog 9 Room Drum	Prog 17 Rock Drum	Prog 25 Elec. Drum	Prog 26 Analog Drum
27-D#1	High Q				
28-E1	Slap				
29-F1	Scratch Push				
30-F#1	Scratch Pull				
31-G1	Sticks				
32-G#1	Square Click				
33-A1	Metronome Click				
34-A#1	Metronome Bell				
35-B1	Kick drum2/Jazz BD2				
36-C1	Kick drum1/Jazz BD1		Power Kick	Elec BD	808 Bass Drum
37-C#2	Side Stick				808 Rim shot
38-D2	Snare Drum1		Gated Snare	Elec SD	808 Snare Drum
39-D#2	Hand Clap				
40-E2	Snare Drum 2				
41-F2	Low Floor Tom	Room Low Tom2	Room Low Tom2	Elec Low Tom2	808 Low Tom2
42-F#2	Closed Hi Hat [EXC1]				808 CHH[EXC1]
43-G2	High Floor Tom	Room Low Tom1	Room Low Tom1	Elec Low Tom1	808 Low Tom2
44-G#2	Pedal Hi-Hat [EXC1]				808 CHH[EXC1]
45-A2	Low Tom	Room Mid Tom2	Room Mid Tom2	Elec Mid Tom2	808 Mid Tom2
46-A#2	Open Hi-Hat [EXC1]				808 OHH[EXC1]
47-B2	Low-Mid Tom	Room Mid Tom1	Room Mid Tom1	Elec Mid Tom1	808 Mid Tom1
48-C2	Hi Mid Tom	Room Hi Tom2	Room Hi Tom2	Elec Hi Tom2	808 Hi Tom2
49-C#3	Crash Cymbal 1				808 Cymbal
50-D3	High Tom	Room Hi Tom1	Room Hi Tom1	Elec Hi Tom1	808 Hi Tom1
51-D#3	Ride Cymbal 1				
52-E3	Chinese Cymbal			Reverse Cymbal	
53-F3	Ride Bell				
54-F#3	Tambourine				
55-G3	Splash Cymbal				
56-G#3	Cowbell				808 Cowbell
57-A3	Crash Cymbal2				
58-A#3	Vibrolap				
59-B3	Ride Cymbal2				
60-C4	Hi Bongo				
61-C#4	Low Bongo				
62-D4	Mute Hi Conga				808 High Conga
63-D#4	Open Hi Conga				808 Mid Conga
64-E4	Low Conga				808 Low Conga
65-F4	High Timbale				
66-F#4	Low Timbale				
67-G4	High Timbale				
68-G#4	Low Agogo				
69-A4	Cabasa				
70-A#4	Maracas				
71-B4	Short Whistle[EXC2]				808 Maracas
72-C5	Long Whistle[EXC2]				
73-C#5	Short Guiro[EXC3]				
74-D5	Long Guiro[EXC3]				
75-D#5	Claves				808 Claves
76-E5	Hi Wood Block				
77-F5	Low Wood Block				
78-F#5	Mute Cuica[EXC4]				
79-G5	Open Cuica[EXC4]				
80-G#5	Mute Triangle[EXC5]				
81-A5	Open Triangle[EXC5]				
82-A#5	Shaker				
83-B5	Jingle Bell				
84-C6	Belltree				
85-C#6	Castanets				
86-D6	Mute Surdo[EXC6]				
87-D#6	Open Surdo[EXC6]				
88-E6					

※ Prog. 33(Jazz Drum) is available only through MIDI connections. The internal percussion kits of the piano does not include it.

표시/참#	Prog 33 Jazz Drum	Prog 41 Brush Drum	Prog 49 Classic	Prog 57 SFX	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					

GM Voice & Percussions

Percussions

List of Voice

Voice Group & Auto Effect List

Voice Group	Voices	Displayed	AUTO EFFECT	
			REVERB	EFFECT
PIANO	CONCERT GRAND	GrPiano1	RM2	OFF
	CLASSIC GRAND	GrPiano2	RM2	OFF
	NEWAGE GRAND	GrPiano3	RM2	OFF
	WARM GRAND	GrPiano4	RM2	OFF
	STAGE GRAND	GrPiano5	RM2	OFF
	CHORUSED GRAND	ChrsPiano	RM2	OFF
	E.GRAND PIANO	E.GrPiano	HL1	CHR
	ELEC PIANO	E.Piano	RM1	CHR
	FM PIANO	FM.Piano	ST1	CHR
	SYNTH PIANO	SynPiano	HL3	CHR
Harpsichord	HARPSICHORD	Hrpsichrd	HL3	CHR
	VEL.HRPSICD	VelHrpsic	HL3	CHR
	CLAVINET	Clavinet	HL2	PHS
	VIBRAPHONE	Vibrphone	HL2	CHR
	MARIMBA	Marimba	HL1	CHR
	XYLOPHONE	Xylophone	HL1	CHR
	ORCHESTRA HARP	OrchestraHarp	HL2	PHS
	NYLON GUITAR	NylonGuitr	HL2	PHS
	HAWAIIAN GUITR	HawaiianGT	ST2	PHS
	UKULELE	Ukulele	ST1	PHS
ORGAN	PIPE ORGAN1	PipeOrgn1	HL3	CHR
	PIPE ORGAN2	PipeOrgn2	ST2	CHR
	ELEC.ORGAN1	ElecOrgn1	HL2	RTY
	ELEC.ORGAN2	ElecOrgn2	HL2	RTY
	ELEC.ORGAN3	ElecOrgn3	ST2	RTY
	ELEC.ORGAN4	ElecOrgn4	ST2	RTY
	ELEC.ORGAN5	ElecOrgn5	HL2	RTY
	ACCORDEON	Accordion	HL1	PHS
	HARMONICA	Harmonica	HL1	CHR
	BANDONION	Bandonion	HL1	PHS
STRINGS	STRINGS	Strings	HL2	PHS
	ORCHESTRA STRG	OrchestraStr	HL2	PHS
	STR&BRASS	Str&Brass	HL3	PHS
	SLOW STRINGS	SL.Strngs	HL2	PHS
	SL STR&BRASS	SL.Str&Br	HL2	PHS
	PIZZ STRINGS	Pizzstr	HL2	OFF
	SYNTH STRINGS	SynthStr	HL3	OFF
	VIOLIN	Violin	HL1	PHS
	CELLO	Cello	HL1	PHS
	CHOIR	Choir	HL3	OFF
BRASS	BRASS	Brass	HL1	PHS
	FLUTE	Flute	HL2	PHS
	ALTO SAX	AltoSax	ST2	PHS
	TENOR SAX	TenorSax	HL1	PHS
	TRUMPET	Trumpet	HL2	PHS
	TROMBONE	Trombone	HL2	PHS
	SYNTH BRASS1	SynBrass1	HL1	PHS
	SYNTH BRASS2	SynBrass2	ST2	PHS
	CLARINET	Clarinet	HL1	CHR
	OBOE	Oboe	HL1	PHS
BASS	ELEC.BASS1	ElecBass1	RM2	CHR
	ELEC.BASS2	ElecBass2	RM2	CHR
	ACOUSTIC BASS	AcoustBass	ST1	CHR
	SYNTH BASS	SynthBass	ST1	CHR
	STEEL GUITAR	StelGuitar	HL1	CHR
	12STR GUITAR	12StGuitar	HL1	CHR
	ELEC GUITAR	ElecGuitar	ST2	CHR
	JAZZ GUITAR	JazzGuitar	ST2	PHS
	DRIVE GUITAR	DrivGuitar	ST2	PHS
	DIST.GUITAR	DistGuitar	ST2	CHR
PERCUSSION	STANDARD DRUM	Standard	HL1	OFF
	ROOM DRUM	RoomDrum	HL1	OFF
	ROCK DRUM	RockDrum	HL1	OFF
	ELEC.DRUM	ElecDrum	HL1	OFF
	ANALOG DRUM	AnlgDrum	HL1	OFF
	BRUSH DRUM	BrshDrum	HL1	OFF
	JAZZ DRUM	JazzDrum	HL1	OFF
	ORCHESTRA DRUM	OrcheDrum	HL1	OFF
	SFX 1	SFX 1	HL1	OFF
	SFX 2	SFX 2	HL1	OFF

MIDI 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 w	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
	01 BnH 01H cc	O	X
	05 BnH 05H cc	O	X
	06 BnH 06H cc	O	X
	07 BnH 07H cc	O	X
	10 BnH 0AH cc	O	X
	11 BnH 0BH cc	O	X
	64 BnH 40H cc	O	O
	65 BnH 41H cc	O	X
	66 BnH 42H cc	O	O
	67 BnH 43H cc	O	O
	80 BnH 80H vv	O	X
	81 BnH 51H vv	O	X
	91 BnH 5BH vv	O	O
	93 BnH 5DH vv	O	O
	120 BnH 78H 00H	O	X
	121 BnH 79H 00H	O	X
	123 BnH 7BH 00H	O	X
	126 BnH 7EH 00H	O	X
	127 BnH 7FH 00H	O	X
Program	Change CnH PP	O	O
System	Exclusive General MIDI	X	X
	Reset		

O:Move/enter, X:No

VP PLAYER LIST

The bundled memory that comes with the piano contains many demonstrational recordings of piano music in different genres including classical, jazz, gospel, juvenile and etc.

VP PLAYER LIST

CLASSIC 01

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	Chopin, Fryderk Francuszek
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	Chopin, Fryderk Francuszek
CH023	Nocturne op.9 no.1	
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	Chopin, Fryderk Francuszek
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	Chopin, Fryderk Francuszek
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	Chopin, Fryderk Francuszek
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	Chopin, Fryderk Francuszek
CH072	Mazurka op.59 no.2	
CH073	Mazurka op.59 no.3	
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	Chopin, Fryderk Francuszek
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	Chopin, Fryderk Francuszek
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	

VP PLAYER LIST

CLASSIC 02

CLASSIC 03 - Chopin and Brahms

GROUP NAME Classic03

Display	Title	Composer
CH101	Ballade no.3 in A flat Major, op.47	Chopin, Fryderyk 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	
CH118	Prelude op.28 no.16 in b-flat minor- Presto con fuoco	Brahms, Johannes
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 Classic04

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	K310-3 (Presto)	Piano Sonata no.10 in C major, KV330
M05	K330-1 (Allegro moderato)	
M06	K330-2 (Andante cantabile)	
M07	K330-3 (Allegretto)	Piano Sonata no.11 in A major, KV331
M08	K331-1 (Andante grazioso, con variazioni)	
M09	K331-2 (Minuetto)	
M10	K331-3 (Alla turca : Allegretto)	Piano Sonata no.12 in A major, KV332
M11	K332-1 (Allegro)	
M12	K332-2 (Adagio)	
M13	K332-3 (Allegro assai)	Piano Sonata no.13 in B flat major, KV333
M14	K333-1 (Allegro)	
M15	K333-2 (Andante cantabile)	
M16	K333-3 (Allegretto grazioso)	Piano Sonata no.14 in c minor, KV457
M17	K457-1 (Allegro)	
M18	K457-2 (Adagio)	
M19	K457-3 (Molto allegro)	Piano Sonata no.16 in C major, KV545
M20	K545-1 (Allegro)	
M21	K545-2 (Andante)	
M22	K545-3 (Rondo : Allegro)	Piano Sonata no.18 in B flat major, KV570
M23	K570-1 (Allegro)	
M24	K570-2 (Adagio)	
M25	K570-3 (Allegretto)	Piano Sonata no.19 in D major, KV576
M26	K576-1 (Allegro)	
M27	K576-2 (Adagio)	
M28	K576-3 (Allegretto)	Fantasia no.3 in d minor, KV397
M29	Fantasia no.4 in c minor, KV475	
M30	Variations "Ah! Vous dirai-je, Maman"	
M31	Pastorale variee	
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	Sonate no.14 in c sharp minor, op.27 no.2 'Moonlight'
BE05	Adagio sostenuto	
BE06	Allegretto	
BE07	Presto con fuoco	Country Dance no. 1
BE08	Rondo a capriccio, op. 129	
H01	"The harmonious Blacksmith"	Handel, Friedrich Georg
H02	Largo, piano (transcription by other composers)	

CLASSIC 05 - Debussy and Others

GROUP NAME Clssic05

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)	
D08	[selection] Prelude VI (Des pas sur la neige)	Debussy, Claude Achille
D09	Preludes (1er Livre)	
D10	[selection] Prelude VIII (La fille aux cheveux de lin)	
D11	Preludes (1er Livre)	
D12	[selection] Prelude X (La cathedrale engloutie)	
D13	Suite bergamesque 1. Prelude	
D14	Suite bergamesque 2. Menuet	
D15	Suite bergamesque 3. Clair de lune	
D16	Suite bergamesque 4. Passepied	
D17	Pour le piano 1. Prelude	Debussy, Claude Achille
D18	Pour le piano 2. Sarabande	
D19	Pour le piano 3. Toccata	
D20	Pour le piano(II) 1. L'isle joyeuse	
D21	Pour le piano(II) 2. Masque	
D22	Pour le piano(II) 3. La plus que lente	
D23	Little pieces 1. Ballade	Debussy, Claude Achille
D24	Little pieces 2. Nocturne	
D25	Little pieces 3. Reverie	
D26	Little pieces 4. Dance	
D27	Petite Suite, for piano 4-hands 1. En Bateau	
D28	Petite Suite, for piano 4-hands 2. Cortege	
D29	Petite Suite, for piano 4-hands 3. Menuet	Faure, Gabriel
D30	Petite Suite, for piano 4-hands 4. Ballet	
D31	"The Afternoon of a Fawn" for piano 4-hands	
D32	Children's Corner	
F01	"Romance sans paroles", in A flat major, op.17 no.1	
F02	Barcarolle op.26	
F03	Dolly Suite, op.56 - Berceuse	
F04	Dolly Suite, op.56 - Mi-a-ou	Hindemith, Paul
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	Hindemith, Paul
HIN02	Ruhig bewegt	
HIN03	Munter. Schnelle Viertel	
HIN04	Lebhaft, sehr markiert	
HIN05	Schnell. Ganze Takte	
HIN06	Gemachlich	
HIN07	Schnell und wild	
HIN08	Massig schnell	Dvorak, Antonin
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 Clssic06

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

CLASSIC 07 - Haydn and Others

GROUP NAME Cllsic07

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

CLASSIC 08 - Bach

GROUP NAME Cllsic08

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

CLASSIC 09 - Bach
GROUP NAME C1ssic09

Display	Title	Composer
	-Harpichord 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 C1ssic10

Display	Title	Composer
	-Harpichord 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	
	-Pipe Organ- Praludium und Fuge in B BWV560	
BA3-28		
	-Harpichord 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	
	Fantasia in c minor, BWV919	
BA3-36		
	-Piano works-	
BA3-37	15 Symphonien 1	
BA3-38	15 Symphonien 6	
BA3-39	Wohltemperriertes Klavier-Pledudio 1	
BA3-40	Wohltemperriertes Klavier-Fugal	

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	Ascension
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 Gyal
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

GOSPEL
GROUP NAME GOSPEL

Display	Title
GE0001	Amazing Grace
GE0002	How Great Thou Art
GE0003	Holy, Holy, Holy
GE0004	Oh! Happy Day
GE0005	Crying in the Chapel
GE0006	I Believe
GE0007	Blessed Assurance
GE0008	He's Got the Whole World in His Hands
GE0009	What a Friend We Have in Jesus
GE0010	When the Saints Go Marching In
GE0011	Abide With Me
GE0012	Crown Him With Many Crowns
GE0013	Will the Circle Be Unbroken
GE0014	I Saw The Light
GE0015	Just As I Am
GE0016	Turn, Turn, Turn
GE0017	Rock of Ages
GE0018	I Surrender All
GE0019	Onward Christian Soldiers
GE0020	Michael Row the Boat Ashore
GE0021	Swing Low, Sweet Chariot
GE0022	My Sweet Lord
GE0023	Wings of a Dove
GE0024	Savior Like a Shepherd.
GE0025	Anyway You Bless Me
GE0026	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
CAE015	Auld Lang Syne;
CAE016	Frosty the Snowman;
CAE017	Hark! The Herald Angels Sing;
CAE018	Jingle Bell Rock;
CAE019	Jingle Bells;
CAE020	Joy to The World;
CAE021	Let it Snow;
CAE022	Rudolph The Red Nosed Reindeer;
CAE023	Silver Bells;
CAE024	The First Noel.
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

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 - Calyspo-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 - Merill, 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	Mineralogy - 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

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-I-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.Philip 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 Geraldnye Dobyns (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

CHILDREN'S

GROUP NAME CHILDREN

Display	Title
CHR01	The Ants Go Marching
CHR02	Baa, Baa, Black Sheep
CHR03	Bingo
CHR04	Humpty Dumpty
CHR05	Hush Little Baby
CHR06	It's Raining, It's Pouring
CHR07	Itsy Bitsy Spider
CHR08	Jack & Jill
CHR09	London Bridge
CHR10	Little Bo-Beep
CHR11	Mary Had A Little Lamb
CHR12	Old MacDonald Had a Farm

Trouble shooting

If a problem occurs while using this product, check the points listed below first prior to contacting customer service.

Problem	Cause	Solution
The piano does not turn on.	1) The power cord is not properly plugged. 2) The power switch is not pressed. (The button is lighted when it is pressed.)	1) Properly plug the power cord. 2) Press the power switch. 3) Contact customer service.
The speakers produce no sound when a key is played.	1) The master volume is set to minimum. 2) A headphone is connected. 3) The power connection jack of the power cord is not properly connected to the product. 4) The treble/bass volume is set to minimum.	1) Increase the master volume. 2) Disconnect the headphone. 3) Properly connect the power connection jack to the product. 4) Increase the part volumes.
There are notable difference between the volumes of the main voice and the secondary voice.	1) The secondary voice volume is set to a wrong value.	1) Set the secondary voice volume properly.
Random noise is heard when using the product.	1) Other electric products such as a refrigerator or an electric washer are operating nearby.	1) Move the product faraway from other electric products, particularly those that use motors.
No sound is heard when using the product connected to an external sound device.	1) The master volume is set to minimum. 2) The connecting cord is either cut or damaged.	1) Increase the master volume. 2) Replace the cord.

Product Specifications

Product Name	High Performance USB Digital Piano
Keyboard	High Quality ARHA 88 Standard Keyboard - 7 1/4 octaves
Touch	10 Levels (Soft 1/2/3, Normal 1/2/3, Hard 1/2/3, Off)
Maximum Polyphony	256
Voices	128 General MIDI 7 Drum Sets 1 Effect Set
Auto Accompaniment	80 Rhythm Styles Single-finger, fingered, full keyboard modes Play/Stop, Intro/End, Sync, Fill 1/2, Fade, Variation Layer, Split, Tune, Transpose, EQ, Brilliance, Pedals
Features	16
Registration Memory	7 Reverbs, 4 Effects
DSP	Yes (Tempo/Meter/Volume Adjustable)
Metronome	Graphic LCD
Display	Pedagogical (Beyer/Czerny/Burgmüller etudes, selected Sonatines)
VP Music Bank	Standard (Classical/Jazz/Wedding/Carol/Ragtime etc.)
SMF Player	Supports SMF 0 & 1
Recording	Real-time recording 2 Tracks About 9,000 notes per track
Volume Control	Main, Layer, Split, Accompaniment
Terminals	MIDI IN/OUT, Audio IN/OUT, USB, Pedal
Speakers	2 headphones 2 INCH x 2, 6.9 INCH x 2 STEREO 50W + 50W
Power	AC IN
Accessories	Manual, USB MEMORY

