



English

Français

Español

DIGITAL PIANO  
PIANO NUMÉRIQUE  
PIANO DIGITAL

P - 1 2 5

**Owner's Manual**  
**Mode d'emploi**  
**Manual de instrucciones**

Before using the instrument, be sure to read "PRECAUTIONS" on pages 5 – 6.  
Avant d'utiliser l'instrument, lisez attentivement la section « PRÉCAUTIONS D'USAGE » aux pages 5 et 6.  
Antes de utilizar el instrumento, lea las "PRECAUCIONES" en las páginas 5 – 6.

EN  
FR  
ES

## SPECIAL MESSAGE SECTION

This product utilizes batteries or an external power supply (adapter). DO NOT connect this product to any power supply or adapter other than one described in the manual, on the name plate, or specifically recommended by Yamaha.

**WARNING:** Do not place this product in a position where anyone could walk on, trip over, or roll anything over power or connecting cords of any kind. The use of an extension cord is not recommended! If you must use an extension cord, the minimum wire size for a 25' cord (or less) is 18 AWG. NOTE: The smaller the AWG number, the larger the current handling capacity. For longer extension cords, consult a local electrician.

This product should be used only with the components supplied or; a cart, rack, or stand that is recommended by Yamaha. If a cart, etc., is used, please observe all safety markings and instructions that accompany the accessory product.

### SPECIFICATIONS SUBJECT TO CHANGE:

The information contained in this manual is believed to be correct at the time of printing. However, Yamaha reserves the right to change or modify any of the specifications without notice or obligation to update existing units.

This product, either alone or in combination with an amplifier and headphones or speaker/s, may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate for long periods of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

**IMPORTANT:** The louder the sound, the shorter the time period before damage occurs.

Some Yamaha products may have benches and / or accessory mounting fixtures that are either supplied with the product or as optional accessories. Some of these items are designed to be dealer assembled or installed. Please make sure that benches are stable and any optional fixtures (where applicable) are well secured BEFORE using.

Benches supplied by Yamaha are designed for seating only. No other uses are recommended.

### NOTICE:

Service charges incurred due to a lack of knowledge relating to how a function or effect works (when the unit is operating as designed) are not covered by the manufacturer's warranty, and are therefore the owners responsibility. Please study this manual carefully and consult your dealer before requesting service.

### ENVIRONMENTAL ISSUES:

Yamaha strives to produce products that are both user safe and environmentally friendly. We sincerely believe that our products and the production methods used to produce them, meet these goals. In keeping with both the letter and the spirit of the law, we want you to be aware of the following:

### Battery Notice:

This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement.

This product may also use "household" type batteries. Some of these may be rechargeable. Make sure that the battery being charged is a rechargeable type and that the charger is intended for the battery being charged.

When installing batteries, never mix old batteries with new ones, and never mix different types of batteries. Batteries MUST be installed correctly. Mismatches or incorrect installation may result in overheating and battery case rupture.

### Warning:

Do not attempt to disassemble, or incinerate any battery. Keep all batteries away from children. Dispose of used batteries promptly and as regulated by the laws in your area. Note: Check with any retailer of household type batteries in your area for battery disposal information.

### Disposal Notice:

Should this product become damaged beyond repair, or for some reason its useful life is considered to be at an end, please observe all local, state, and federal regulations that relate to the disposal of products that contain lead, batteries, plastics, etc. If your dealer is unable to assist you, please contact Yamaha directly.

### NAME PLATE LOCATION:

The name plate is located on the bottom of the product. The model number, serial number, power requirements, etc., are located on this plate. You should record the model number, serial number, and the date of purchase in the spaces provided below and retain this manual as a permanent record of your purchase.

Model

---

Serial No.

---

Purchase Date

---

## PLEASE KEEP THIS MANUAL

92-BP (bottom)

### COMPLIANCE INFORMATION STATEMENT (DECLARATION OF CONFORMITY PROCEDURE)

Responsible Party : Yamaha Corporation of America  
Address : 6600 Orangethorpe Ave., Buena Park, Calif. 90620  
Telephone : 714-522-9011  
Type of Equipment : Digital Piano  
Model Name : P-125

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference, and
- 2) this device must accept any interference received including interference that may cause undesired operation.

See user manual instructions if interference to radio reception is suspected.

\* This applies only to products distributed by  
YAMAHA CORPORATION OF AMERICA.

(FCC DoC)

## For AC adaptor and P-125

### FCC INFORMATION (U.S.A.)

**1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!**

This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Yamaha may void your authority, granted by the FCC, to use the product.

**2. IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable/s supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the USA.

**3. NOTE:** This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the users manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee

that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Utilize power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter/s.

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to co-axial type cable.

If these corrective measures do not produce satisfactory results, please contact the local retailer authorized to distribute this type of product. If you can not locate the appropriate retailer, please contact Yamaha Corporation of America, Electronic Service Division, 6600 Orangethorpe Ave, Buena Park, CA90620

The above statements apply ONLY to those products distributed by Yamaha Corporation of America or its subsidiaries.

\* This applies only to products distributed by YAMAHA CORPORATION OF AMERICA.

(class B)

The model number, serial number, power requirements, etc., may be found on or near the name plate, which is at the bottom of the unit. You should note this serial number in the space provided below and retain this manual as a permanent record of your purchase to aid identification in the event of theft.

**Model No.**

---

**Serial No.**

---

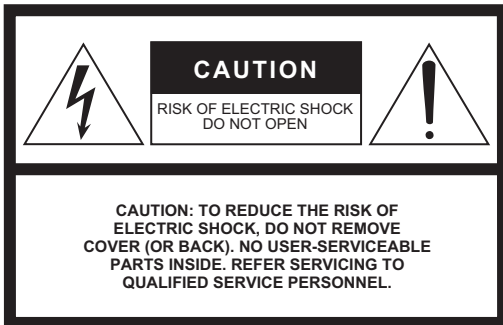
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## For AC adaptor

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

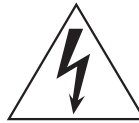
### CAN ICES-3 (B)/NMB-3(B)

(can\_b\_02)



The above warning is located on the bottom of the unit.

### Explanation of Graphical Symbols



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

## IMPORTANT SAFETY INSTRUCTIONS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



### WARNING

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

(UL60065\_03)

# PRECAUTIONS

## PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe and handy place for future reference.

### For AC adaptor



#### WARNING

- This AC adaptor is designed for use with only Yamaha electronic instruments. Do not use for any other purpose.
- Indoor use only. Do not use in any wet environments.



#### CAUTION

- When setting up, make sure that the AC outlet is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch of the instrument and disconnect the AC adaptor from the outlet. When the AC adaptor is connected to the AC outlet, keep in mind that electricity is flowing at the minimum level, even if the power switch is turned off. When you are not using the instrument for a long time, make sure to unplug the power cord from the wall AC outlet.

### For P-125



#### WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

#### Power supply/AC adaptor

- Do not place the power cord near heat sources such as heaters or radiators. Also, do not excessively bend or otherwise damage the cord, or place heavy objects on it.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use the specified adaptor (page 25) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.

#### Do not open

- This instrument contains no user-serviceable parts. Do not open the instrument or attempt to disassemble or modify the internal components in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.

#### Water warning

- Do not expose the instrument to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. If any liquid such as water seeps into the instrument, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified Yamaha service personnel.
- Never insert or remove an electric plug with wet hands.

#### Fire warning

- Do not put burning items, such as candles, on the unit. A burning item may fall over and cause a fire.

#### If you notice any abnormality

- When one of the following problems occur, immediately turn off the power switch and disconnect the electric plug from the outlet. Then have the device inspected by Yamaha service personnel.
  - The power cord or plug becomes frayed or damaged.
  - It emits unusual smells or smoke.
  - Some object has been dropped into the instrument.
  - There is a sudden loss of sound during use of the instrument.



## CAUTION

Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the instrument or other property. These precautions include, but are not limited to, the following:

### Power supply/AC adaptor

- Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.
- When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.
- Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms.

### Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- Before moving the instrument, remove all connected cables, to prevent damage to the cables or injury to anyone who might trip over them.
- When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet. Even when the power switch is turned off, electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.
- Use only the stand specified for the instrument. When attaching it, use the provided screws only. Failure to do so could cause damage to the internal components or result in the instrument falling over.

### Connections

- Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum.
- Be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

### Handling caution

- Do not insert a finger or hand in any gaps on the instrument.
- Never insert or drop paper, metallic, or other objects into the gaps on the panel or keyboard. This could cause physical injury to you or others, damage to the instrument or other property, or operational failure.
- Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches or connectors.
- Do not use the instrument/device or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

Yamaha cannot be held responsible for damage caused by improper use or modifications to the instrument, or data that is lost or destroyed.

Always turn the power off when the instrument is not in use.

Even when the [  ] (Standby/On) switch is in standby status (power lamp is off), electricity is still flowing to the instrument at the minimum level.

When you are not using the instrument for a long time, make sure you unplug the power cord from the wall AC outlet.

## NOTICE

To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to other property, follow the notices below.

### ■ Handling

- Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, the instrument, TV, or radio may generate noise. When you use the instrument along with an application on your iPad, iPhone or iPod touch, we recommend that you set "Airplane Mode" to "ON" on that device in order to avoid noise caused by communication.
- Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration, damage to the internal components or unstable operation. (Verified operating temperature range: 5° – 40°C, or 41° – 104°F.)
- Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.

### ■ Maintenance

- When cleaning the instrument, use a soft and dry cloth. Do not use paint thinners, solvents, alcohol, cleaning fluids, or chemical-impregnated wiping cloths.

### ■ Saving data

- Some of the data of this instrument (page 24) are retained when the power is turned off. However, the saved data may be lost due to some failure, an operation mistake, etc. Save your important data onto an external device such as a computer (page 23).

## Information

### ■ About copyrights

- Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.
- This product incorporates and bundles contents in which Yamaha owns copyrights or with respect to which Yamaha has license to use others' copyrights. Due to copyright laws and other relevant laws, you are NOT allowed to distribute media in which these contents are saved or recorded and remain virtually the same or very similar to those in the product.
  - \* The contents described above include a computer program, Accompaniment Style data, MIDI data, WAVE data, voice recording data, a score, score data, etc.
  - \* You are allowed to distribute medium in which your performance or music production using these contents is recorded, and the permission of Yamaha Corporation is not required in such cases.

### ■ About functions/data bundled with the instrument

- Some of the preset songs have been edited for length or arrangement, and may not be exactly the same as the original.

### ■ About this manual

- The illustrations as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your instrument.
- iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

### ■ Tuning

- Unlike an acoustic piano, this instrument does not need to be tuned by an expert (although the pitch can be user-adjusted to match other instruments). This is because the pitch of digital instruments is always maintained perfectly.

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## With this instrument, you can:

- ◆ Enjoy the feel of an authentic piano action with the Graded Hammer Standard (GHS) keyboard.
- ◆ Listen to the 50 Classics, or practice these preset songs by playing each part separately (pages 18 and 19).
- ◆ Feel like a pro with the Rhythm feature that automatically adds accompaniment when you play the keyboard (page 20).
- ◆ Practice effectively by using the built-in recorder and metronome (pages 16 and 21).
- ◆ Enjoy easy operation by connecting your smart device. To use this, you'll need to install the “Smart Pianist” application (free for download; see page 23).

**Thank you for purchasing this Yamaha Digital Piano!**

**This instrument provides exceptionally high-quality sound and expressive control for your playing enjoyment.**

**We recommend that you read this manual carefully so that you can fully take advantage of the advanced and convenient functions of the instrument.**

**We also recommend that you keep this manual in a safe and handy place for future reference.**

## About the Manuals

This instrument has the following documents and instructional materials.

### Included Documents



**Owner's Manual (this book)**

**Quick Operation Guide (pages 29 to 31)**

Shows in chart form the functions assigned to the buttons and the keyboard for quick understanding.

### Online Materials (PDF)



**iPhone/iPad Connection Manual**

Explains how to connect the instrument to smart devices, such as iPhone, iPad, etc.



**Computer-related Operations**

Contains instructions about computer-related functions.



**MIDI Reference**

Contains MIDI-related information.



**MIDI Basics (only in English, French, German and Spanish)**

Contains basic explanations about what MIDI is and can do.

To obtain these materials, access the Yamaha Downloads website, then enter the model name for searching the desired files.

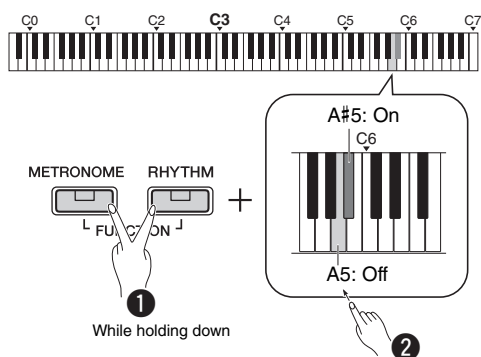
**Yamaha Downloads**

<http://download.yamaha.com/>

The letters at the end of the model name ("B" or "WH") are color information of the instrument. For example, "B" indicates "black," and "WH" indicates "white." Since they simply indicate the color, these letters are omitted in this manual.

## About the Key Operations

While holding down the button(s), press the appropriate key to make various settings, such as turning the function on or off, playing back the Songs and so on. If you come across the illustrations like below in this manual, press the same key while holding down the same button(s) as illustrated.

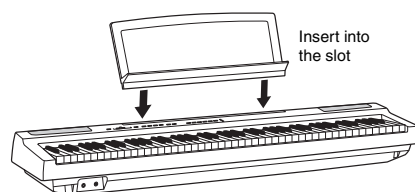


**Above illustration indicates**

- 1 While simultaneously holding down the [METRONOME] and [RHYTHM] buttons...
- 2 Press one of the shaded keys briefly. Finally, release all the buttons.

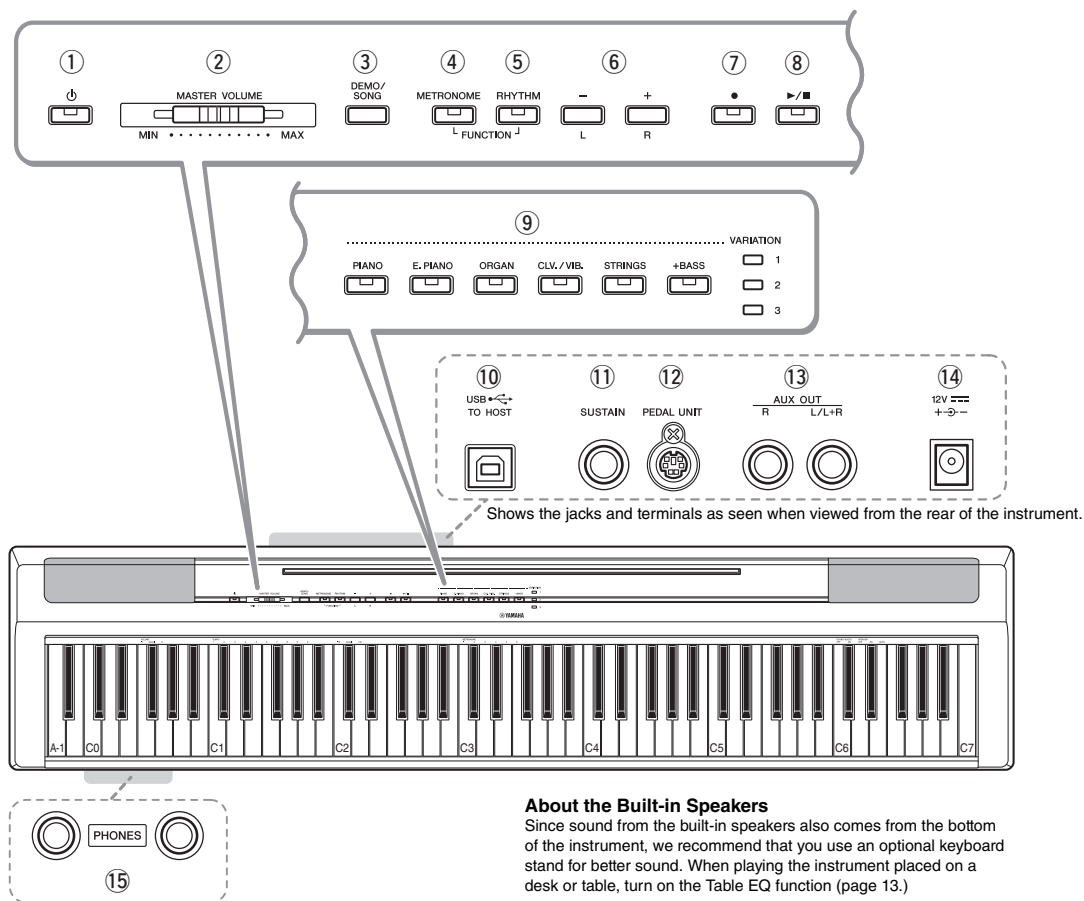
### Included Accessories

- Owner's Manual x1
  - AC Adaptor\* x1
  - Warranty\* x1
  - Online Member Product Registration x1
  - Footswitch x1
- \* May not be included depending on your particular area. Please check with your Yamaha dealer.
- Music Rest x1





# Panel Controls and Terminals



## About the Built-in Speakers

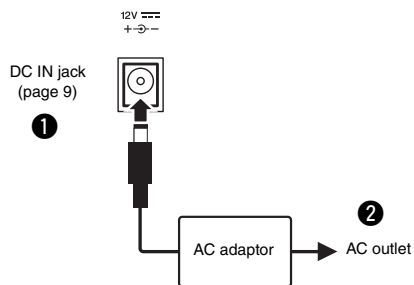
Since sound from the built-in speakers also comes from the bottom of the instrument, we recommend that you use an optional keyboard stand for better sound. When playing the instrument placed on a desk or table, turn on the Table EQ function (page 13.)

- ① [⏻] (Standby/On) switch .....page 10  
For turning the power on or setting to standby.
- ② [MASTER VOLUME] slider.....page 11  
For adjusting the volume of the entire sound.
- ③ [DEMO/SONG] button .....page 18  
For playing the Demo Songs and the Preset Songs.
- ④ [METRONOME] button .....page 16  
For starting or stopping the metronome.
- ⑤ [RHYTHM] button ..... page 20  
For starting or stopping the rhythm.
- ⑥ [-][+], [L][R] buttons .....pages 15 – 16, 18, 22  
For selecting a Song during playback, adjusting the tempo, and selecting the Song part for recording and playback.
- ⑦ [●] (Record) button ..... page 21  
For recording your keyboard performance.
- ⑧ [▶/■] (Play/Stop) ..... page 21  
For playing back or stopping the recorded performance.
- ⑨ Voice buttons.....page 13  
For selecting a Voice or two Voices played simultaneously, such as Piano and Organ.
- ⑩ [USB TO HOST] terminal .....page 23  
For connecting to a computer or a smart device such as iPhone or iPad.
- ⑪ [SUSTAIN] jack .....page 12  
For connecting the included footswitch, an optional footswitch and foot pedal.
- ⑫ [PEDAL UNIT] jack .....page 12  
For connecting an optional pedal unit.
- ⑬ AUX OUT [R][L/L+R] jacks .....page 23  
For connecting external audio equipment.
- ⑭ DC IN jack .....page 10  
For connecting the power adaptor.
- ⑮ [PHONES] jacks .....page 11  
For connecting a set of standard stereo headphones.

# Setting Up

## Power Requirements

Connect the AC adaptor in the order shown in the illustration.

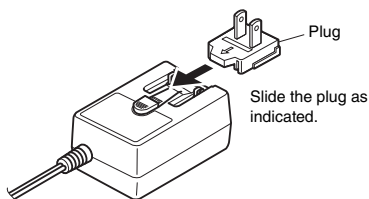


### WARNING

- Use the specified AC adaptor (page 25) only. Using the wrong AC adaptor can result in damage to the instrument or overheating.

### WARNING

- When using the AC adaptor with a removable plug, make sure to keep the plug attached to the AC adaptor. Using the plug alone can cause electric shock or fire.
- Never touch the metallic section when attaching the plug. To avoid electric shock, short circuit or damage, also be careful that there is no dust between the AC adaptor and plug.



\* The shape of the plug differs depending on your area.

### CAUTION

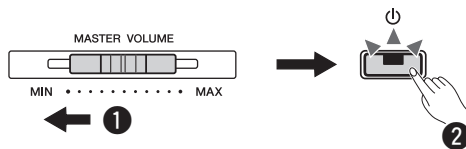
- When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn the power off and disconnect the plug from the outlet.

### NOTE

- Follow the order shown above in reverse when disconnecting the AC adaptor.

## Turning the Power On/Standby

- 1 Turn down the [MASTER VOLUME] to "MIN".
- 2 Press the [⏻] (Standby/On) switch to turn the power on.



The [⏻] (Standby/On) switch lights up. Adjust the volume as desired while playing the keyboard.

- 3 Press and hold the [⏻] (Standby/On) switch for about a second to turn the power to standby mode.

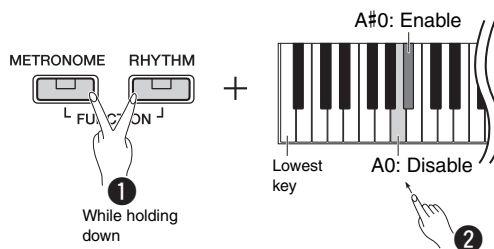
### CAUTION

- Even when the power switch is turned off, electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.

## Auto Power Off Function

To prevent unnecessary power consumption, this function automatically turns the power off if the instrument is not operated for 30 minutes.

### To disable/enable the Auto Power Off function



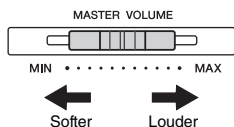
When the power is off, turn the power on while holding down the lowest key disables Auto Power Off. The [REC] lamp flashes three times, indicating that the Auto Power Off function has been disabled.

### NOTICE

- If your digital piano is connected to other equipment such as amplifiers, speakers, or a computer but you do not intend to use it for 30 minutes, we recommend that you turn off all devices as described in their owner's manuals. Doing so eliminates the risk of damage to the other equipment. If you do not want the instrument to turn off automatically when connected to other equipment, disable the Auto Power Off function.

## Adjusting the Master Volume

To adjust the volume of the entire keyboard sound, use the [MASTER VOLUME] while playing the keyboard.



### CAUTION

- Do not use the instrument for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss.

## Intelligent Acoustic Control (IAC)

With this function, the sound quality of this instrument is automatically adjusted and controlled according to the overall volume. Even when the volume is low, you can hear both low sounds and high sounds clearly. IAC Control is effective only from the sound output of the instrument speakers.

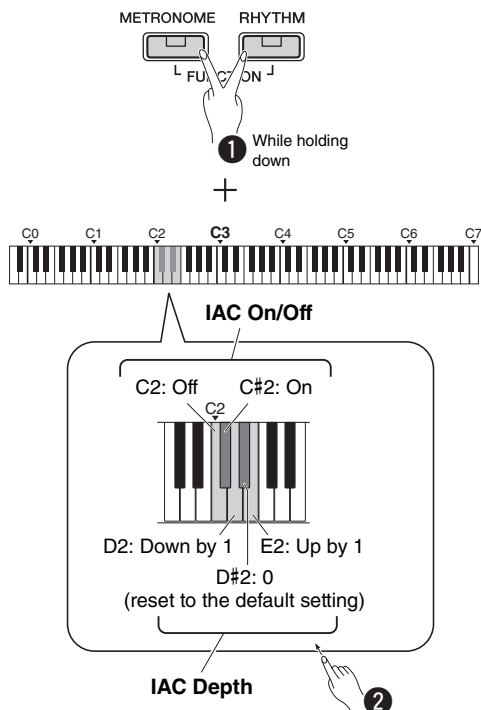
### IAC On/Off

Default setting: on

### IAC Depth

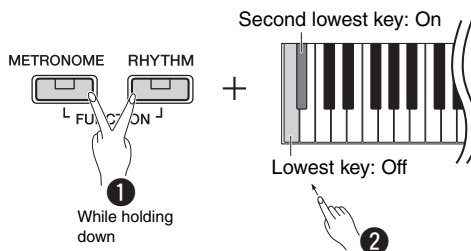
Setting range: -3 - 0 - +3

Default setting: 0



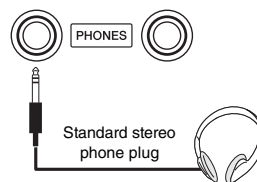
## Operation Confirmation Sounds

When a setup is changed using a button and key combination, an operation sound (“On,” “Off,” click, tempo value input) is sounded. This confirmation sound can be enabled (On) or disabled (Off) as desired.



## Using Headphones

Connect a pair of headphones to the [PHONES] jack. Since this instrument is equipped with two [PHONES] jacks, you can connect two pairs of headphones. If you are using only one pair, insert the plug into either of these jacks.



### CAUTION

- Do not use the headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss.

## Reproducing natural sound distance (Stereophonic Optimizer)

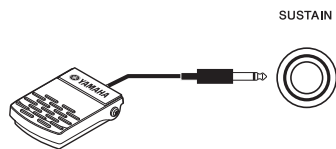
Default setting: on

The Stereophonic Optimizer recreates for headphones a natural distance between your ears and the instrument, just as when playing an acoustic piano.

### Stereophonic Optimizer On/Off

While holding down [PIANO], press the F3 key to turn the function off or F#3 to turn on.

## Using a Pedal (Sustain)



You can produce a natural sustain as you play by pressing the included footswitch plugged into the [SUSTAIN] jack.

Also an optional FC3A foot pedal or FC4A or FC5 footswitch can be connected to this jack. The FC3A lets you use the Half Pedal function.

### Damper Resonance

When you select a Piano Voice, pressing the footswitch activates the Damper Resonance/ Sustain sampling effect (when on) to accurately recreate the resonance of an acoustic piano's strings.

To turn the effect on and enable footswitch control, simultaneously hold down [PIANO] and press the C#3 key; to turn it off, simultaneously hold down [PIANO] and press C3.

**Default setting:** on

#### NOTE

- Damper Resonance cannot be used in Duo (page 15).

### Half-pedal function (for FC3A and Pedal Unit)

This function allows you to vary the sustain length depending on how far the pedal is pressed. The farther down you press the pedal, the more the sound sustains. For example, if you press the damper pedal and all notes you are playing sound a bit murky and loud with too much sustain, you can release the pedal half way or higher to decrease the sustain (murkiness).

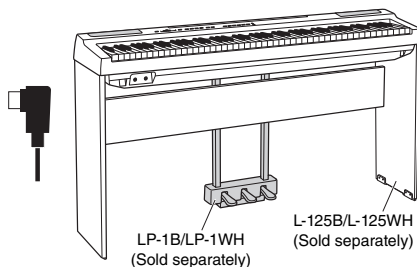
#### NOTE

- Do not press the footswitch when turning the power on. Doing this changes the recognized polarity of the footswitch, resulting in reversed footswitch operation.
- Make sure that power is OFF when connecting or disconnecting the footswitch or pedal.

## Using the Optional Pedal Unit

The [PEDAL UNIT] jack is for connecting an optional LP-1B/LP-1WH pedal unit. When connecting the pedal unit, make sure to also assemble the unit on an optional keyboard stand (L-125B/L-125WH).

PEDAL UNIT



#### NOTE

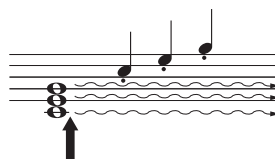
- Make sure that power is off when connecting or disconnecting the pedal unit.

## Damper (Right) Pedal

Pressing this pedal will sustain notes longer. Releasing this pedal immediately stops (damps) any sustained notes. The damper pedal is compatible with the Damper Resonance (see column at left). A “half-pedal” function of this pedal creates partial sustain effects, depending on how far down you press the pedal.

## Sostenuto (Center) Pedal

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



If you press and hold the sostenuto pedal here, only the notes held at this timing will be sustained.

## Soft (Left) Pedal

The soft pedal reduces the volume and slightly changes the timbre of notes played while the pedal is pressed. The soft pedal will not affect notes that are already playing when it is pressed.

#### NOTE

- When the “Jazz Organ” is selected, pressing and releasing this pedal switches between “fast” and “slow” of the Rotary Speaker speed. When the Vibraphone is selected, this pedal switches Vibrato on and off.

# Selecting & Playing Voices

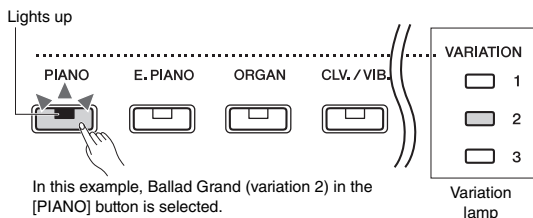
The instrument has a wide variety of Voices, or instrument sounds, for your enjoyment, including Piano and Organ.

## Selecting a Voice

The Voices of the instrument are conveniently divided into specific groups and each of them are assigned to the Voice buttons.

### 1 Press a Voice button (page 9).

A Voice is called up from the selected group. Try playing the keyboard and listening to the sound.



Pressing the same Voice button selects the Voices in the group in order. For details, refer to the Voice List below. When the first Voice in the group is selected, a Variation lamp is off. When a Variation Voice 1 – 3 is selected, the corresponding variation lamp lights up.

#### NOTE

- The last selected Voice in the selected group will be called up when the Voice button is pressed. This will be reset to the first Voice when you turn off the power.
- Pressing [+BASS] turn on the Split function (page 15).

### Voice List

Voice Button (Group)	Voice Name	Variation
[PIANO]	Grand Piano	
	Live Grand	1
	Ballad Grand	2
	Bright Grand	3
[E.PIANO]	Stage E.Piano	
	DX E.Piano	1
	Vintage E.Piano	2
[ORGAN]	Synth Piano	3
	Jazz Organ	
	Rock Organ	1
[CLV./VIB.]	Organ Principal	2
	Organ Tutti	3
	Harpsichord 8'	
[STRINGS]	Harpsi.8'+4'	1
	E.Clavichord	2
	Vibraphone	3
	Strings	
[+BASS]	Slow Strings	1
	Choir	2
	Synth Pad	3
	Acoustic Bass	
[+BASS]	Electric Bass	1
	Bass & Cymbal	2
	Fretless Bass	3

Refer to the “Voice List (Detailed)” on page 26 for more information on the characteristics of each preset Voice.

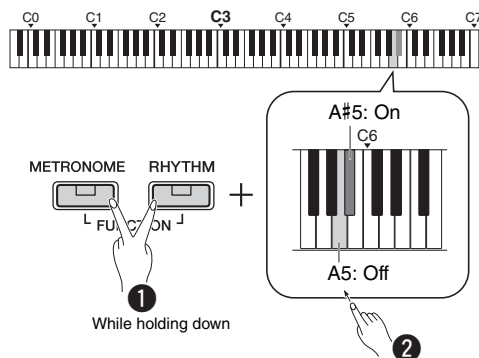
#### NOTE

- To familiarize yourself with the characteristics of the voices, listen to the Demo Songs for each Voice (page 18).

## Using Table EQ

When this is set to on, speaker sound will be optimized for playing the keyboard placed on the table or desk. This function is effective only from the sound output of the instrument speakers. Turn off when you play the keyboard installed on the stand.

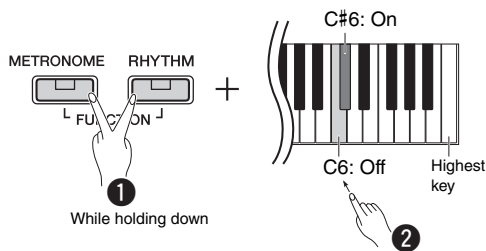
Default setting: off



## Strengthening the Overall Sound (Sound Boost)

This function is particularly useful when you want not only notes played very loud, but also those played softly, to be clearly audible.

Default setting: off



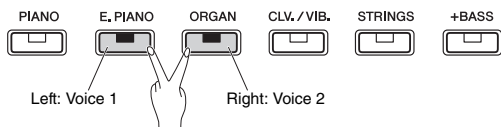
\* Refer to the printing above the keyboard (SOUND BOOST OFF/ON).

## Layering Two Voices (Dual)

You can layer two Voices and play them simultaneously to create a more richly textured sound.

### 1 Engage Dual.

Choose two desired Voices, then press those Voice buttons simultaneously.



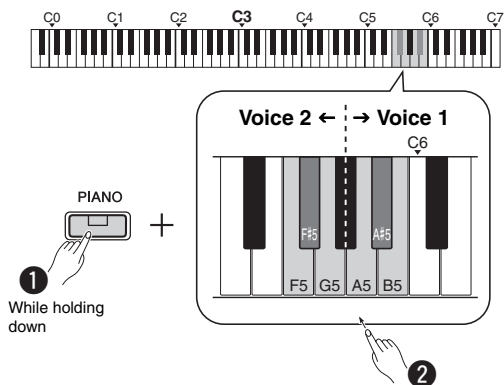
Note that the Voice of the left side button is designated as Voice 1, while the Voice of the right side button is designated as Voice 2. The Variation lamps indicate the status of Voice 1.

**NOTE**

- You cannot layer two Voices from the same group.

### 2 Play the keyboard to enjoy the dual sound.

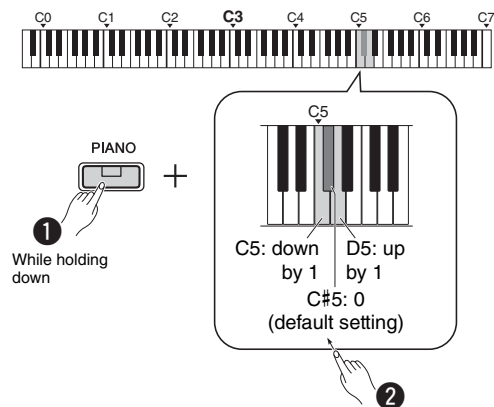
To shift the Octave for each Voice:



Voice 2	F5	Down by 1 octave	Voice 1	A5	Down by 1 octave
	F#5	Default setting (different for each Voice combination)		A#5	Default setting (different for each Voice combination)
	G5	Up by 1 octave		B5	Up by 1 octave

Setting range: -2 – +2

### To adjust the balance between two Voices:



Setting range: -6 – 0 – +6

Settings below “0” increase the volume of Voice 2, while settings above “0” increase the volume of Voice 1, in relation to the other.

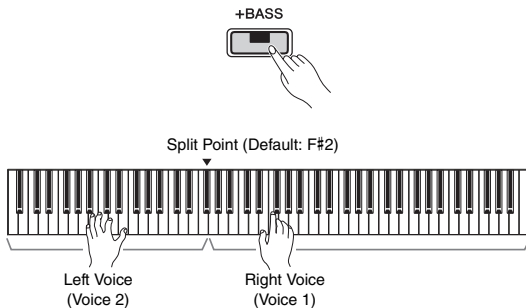
### 3 To exit from Dual, simply press any Voice button.

## Splitting the Keyboard (Split)

Split mode enables you to play two different Voices on the keyboard — for example, acoustic bass with your left hand and piano with your right.

### 1 Press [+BASS] to engage Split.

The keyboard is divided into the two sections with the F#2 key as the Split Point. Play the keyboard.



**NOTE**

- Only Dual, Split or Duo can be called up; both or all cannot be used together.
- Pedal functions cannot be used on the left Voice.
- The Variation lamps indicate the status of Voice 2.

### To change the Left Voice to another bass Voice:

Press [+BASS] repeatedly to select the bass Voices in the [+BASS] group in order. Refer to the Voice list on page 13.

### To change the Left Voice to any Voice other than bass:

While holding down [+BASS], select a desired Voice by pressing the Voice button several times as necessary.

### To shift the Octave for each Voice:

Same as in Dual (see previous page).

### To adjust the volume balance between two Voices:

Same as in Dual (see previous page).

### To change the Split Point:

While holding [+BASS], press the desired key.

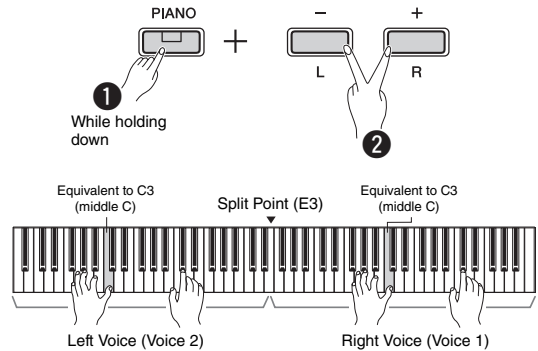


### 2 To exit from Split, simply press any Voice button.

## Playing Duo

This function allows two different players to play the instrument, one on the left and the other on the right, over the same octave range.

### 1 Engage Duo.



The keyboard is divided into two sections, with the E3 key as the Split Point.

**NOTE**

- Different Voices cannot be assigned to the Right Voice and Left Voice.
- The Split Point cannot be changed from E3.
- Only Dual, Split or Duo can be called up; both or all cannot be used together.
- Turning Duo turns off Reverb, Damper Resonance and Stereophonic Optimizer.

### 2 One person can play the left section of the keyboard while the other plays the right.

Sounds played with the left voice are played from the left speaker, and sounds played with the right voice are played from the right speaker.

### To select the Voice:

Refer to step 1 on page 13.

### To shift the Octave for each section:

Same as in Dual (page 14).

### To adjust the volume balance between two keyboard sections:

Same as in Dual (page 14).

### 3 To exit from Duo, perform the same operation as in step 1.

### Pedal function in Duo

- **Damper Pedal:** Applies Sustain to the right section.
- **Sostenuto Pedal:** Applies Sustain to both sections.
- **Soft Pedal:** Applies Sustain to the left section.

# Using the Metronome

The Metronome is convenient for practicing with an accurate tempo.

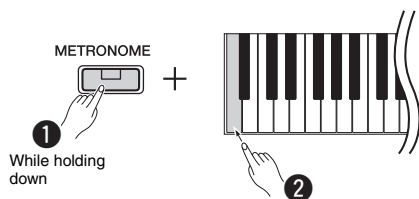
- 1 Press [METRONOME] to start the Metronome.



- 2 Press [METRONOME] again to stop the Metronome.

## Voice Confirmation of Current Tempo Value (in English)

While holding down [METRONOME], press the lowest key.

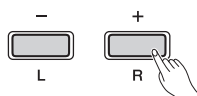


## Adjusting the Tempo

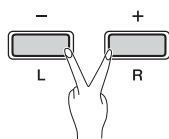
Setting range: 5 – 280 (default setting: 120)

### To increase or decrease the value by 1:

When the metronome is playing back, press [+] to increase or [-] to decrease. When it is stopped, press [+] to increase or [-] to decrease while holding down [METRONOME].



Holding either button continuously increases or decreases the value



Pressing simultaneously reset to the default setting

### To increase or decrease the value by 10:

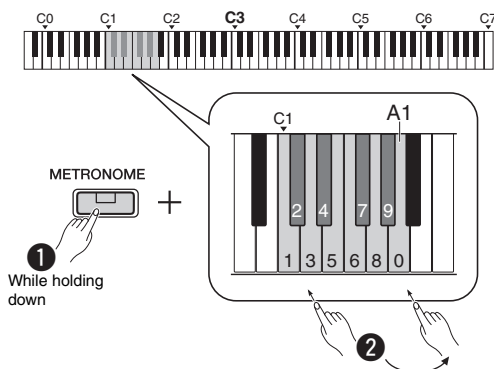
While holding down [METRONOME], press the C2 key to decrease the value by 10, C#2 to reset to the default value, or D2 to increase by 10.

\* Refer to the “TEMPO” indications (-10/default/+10) printed above these keys.

### To specify a three-digit value:

For example to specify “80,” press the relevant G1 (8) and A1 (0) keys in order.

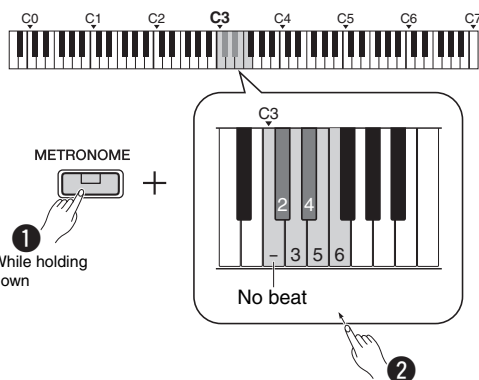
A numeric value is read out when a relevant key is pressed.



\* Refer to the “TEMPO” indications (1 to 9, 0) printed above these keys.

## Selecting a Beat (Time Signature)

Setting range: - (default setting: no beat), 2, 3, 4, 5, 6



\* Refer to the “METRONOME” indications (- to 6) printed above these keys.

## Adjusting the Volume

Setting range: 1 – 10 (default setting: 7)

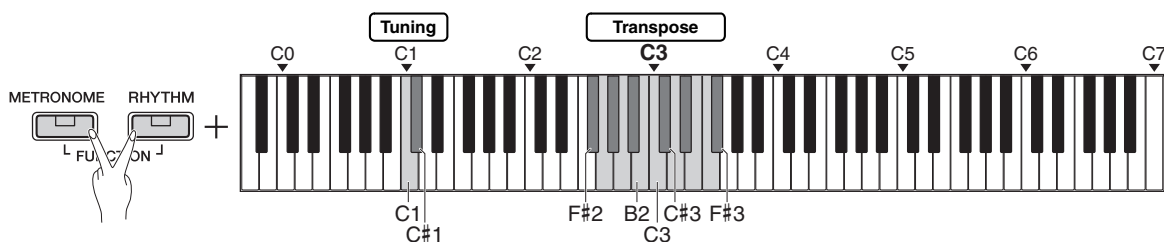
While holding down [METRONOME], press the F0 key to decrease the value by 1, F#0 key to reset to the default value, or G0 key to increase by 1.

\* Refer to the “VOLUME” indications (-1/default/+1) printed above these keys.



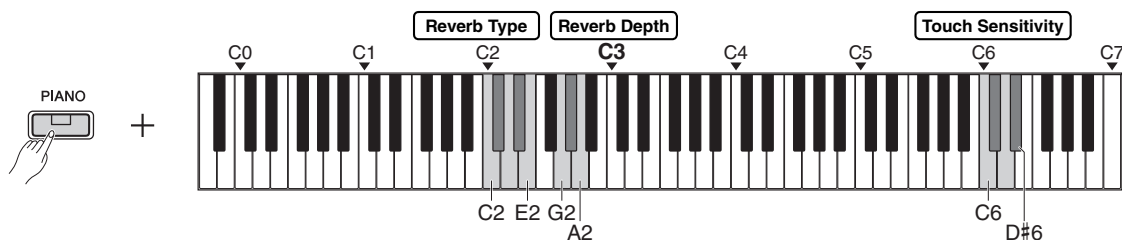
# Setting Various Items for Performances

To set items shown in the tables below, hold down the corresponding buttons or button, and press the corresponding keys on the keyboard. Refer to the Quick Operation Guide on pages 29–31.



## Tuning, Transpose

Item	Description	Keys	Settings
Fine-tuning the Pitch	Using the Tuning setting, you can fine tune the pitch of the entire instrument. This can be extremely useful when playing your digital piano along with other instruments or recorded music.	C1	Resets the pitch to the default (A3 = 440.0 Hz).
	While holding down [METRONOME] and [RHYTHM] simultaneously, press [+] or [-] to tune up or down in about 0.2 Hz steps, or press [+] and [-] simultaneously to reset to the default setting (440.0 Hz). <b>Setting range:</b> 414.8 – 440.0 – 466.8 Hz	C#1	Sets the pitch to A3 = 442.0 Hz.
Key Transposition	You can shift or transpose the pitch of the entire keyboard up or down in semitones. For example, if you set the transpose to “+5,” playing a C key will produce an F pitch. You could, therefore, play a song as if it was in C major and the digital piano would transpose it to the key of F major. <b>Setting range:</b> -6 (F#2) – 0 (C3) – +6 (F#3)	F#2 – B2	Transposes the pitch down (to play lower notes than the actual keys).
		C3	Restores the original pitch (0).
		C#3 – F#3	Transposes the pitch up (to play higher notes than the actual keys).



## Reverb, Touch Sensitivity

Item	Description	Keys	Settings
Setting the Reverb Type	Using the digital piano's Reverb function, you can add reverberation similar to that of a concert hall to individual Voices. Whenever you select a Voice, the most suitable reverb will be automatically set; however, you can freely set the Reverb Type as desired.	C2	<b>Recital Hall:</b> Simulates the clear reverb sound you would hear in a medium-sized concert hall for piano recitals.
		C#2	<b>Concert Hall:</b> Simulates the gorgeous reverb sound you would hear in a large concert hall for orchestral performances
		D2	<b>Chamber:</b> Suitable for playing chamber music; simulates the intimate reverb sound you would hear in a spacious room, such as for classical music recitals.
		D#2	<b>Club:</b> Simulates the vivid reverb sound you would hear in a live music venue or a jazz club.
		E2	<b>Off:</b> No effect is applied.
Setting the Reverb Depth	Adjusts the Reverb Depth. <b>Setting range:</b> 0 – 20	G2	Decreases by one.
		G#2	Restores the default setting (which is the best suited depth setting for the current Voice.)
		A2	Increases by one.
Changing the Touch Sensitivity	You can specify the degree of Touch Sensitivity (how the sound responds to your playing strength).  <b>NOTE</b> • Touch Sensitivity cannot be used for organ Voices and harpsichord Voices.	C6	<b>Soft:</b> The volume level does not change much when you play the keyboard soft or hard.
		C#6	<b>Medium:</b> This is the standard piano touch response (default setting).
		D6	<b>Hard:</b> The volume level changes very widely from pianissimo to fortissimo to facilitate dynamic and dramatic expression. You have to hit the keys hard to produce a loud sound.
		D#6	<b>Fixed:</b> The volume level does not change at all regardless of whether you play the keyboard soft or hard.

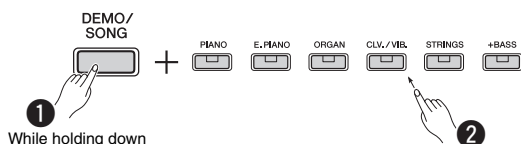
# Playing Back Songs

## Listening to the Voice Demo Songs

Special individual Demo Songs are provided for all of the Voices of the instrument (except the Bass Voice Variations 1 – 3).

- 1 While holding down [DEMO/SONG], press one of the Voice buttons as necessary times to select a desired Voice.

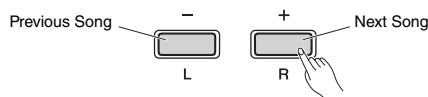
The Demo Songs for all Voices will play back in sequence. During playback, you can change the Demo Song by selecting a different Voice.



### NOTE

- Simply pressing [DEMO/SONG] will start playback of all Demo Songs from the first (Grand Piano) in sequence.

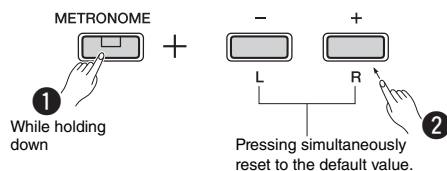
**To select the previous or next Song during playback:**



**To play back from the beginning of the Song:**

During playback, press [+] and [-] simultaneously to jump to the playback position at the beginning of the Song then continue playback at the last specified tempo.

**To adjust the playback tempo:**



Holding [-] or [+] changes the value continuously.

### Demo Song List

Voice Name	Title	Composer
Ballad Grand	Intermezzo, 6 Stücke, op.118-2	J. Brahms
Organ Principal	Herr Christ, der ein'ge Gottes-Sohn, BWV 601	J.S. Bach
Organ Tutti	Triosonate Nr.6, BWV 530	J.S. Bach
Harpsichord 8'	Concerto a cembalo obbligato, 2 violini, viola e continuo No.7, BWV 1058	J.S. Bach
Harpsi.8'+4'	Gigue, Französische Suiten Nr.5, BWV 816	J.S. Bach

The demonstration pieces listed above are short rearranged excerpts of the original compositions. All other songs are original (© Yamaha Corporation).

- 2 Press [DEMO/SONG] or [▶/■] to stop playback.

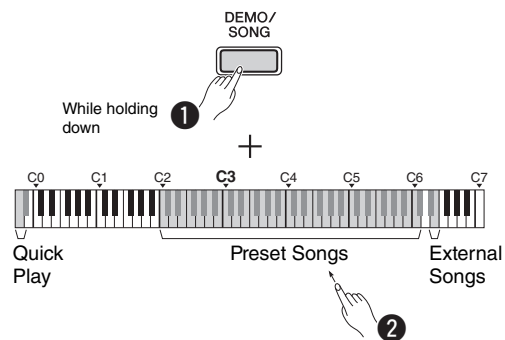
## Listening to the 50 Preset Songs or External Songs

In addition to the Demo Songs, Preset Songs are provided for your listening pleasure. Choose a Song from the Preset Song List on page 28, then follow the instructions below. Also, up to two External Songs transferred from a computer can be played back on this instrument. For details on External Songs, refer to “Connecting to a Computer” on page 23.

- 1 While holding down [DEMO/SONG], press the key corresponding to the desired preset Song or External Song to start playback.

The Preset Songs or External Songs will play back in sequence.

For details on the key assignments, see “Quick Operation Guide” (page 29).



**To select the previous or next Song during playback:**

Same as in Demo Songs (see column at left).

**To play back from the beginning of the Song:**

Same as in Demo Songs (see column at left).

**To adjust the playback tempo:**

Same as in Demo Songs (see column at left).

- 2 Press [DEMO/SONG] or [▶/■] to stop playback.



## Using Quick Play

This Quick Play feature enables you to specify whether a Song should play back immediately from the very first note, or play back any silence or rests that exist before the first note. While holding down [DEMO/SONG], press the lowest key to turn this function off or second lowest key (A#-1) to turn on.

**Default setting:** on

# Song Playback and Practice of Each Part

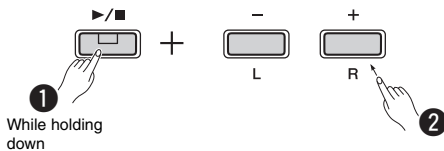
All Songs (except for the Demo Songs; page 18) let you turn on or off the [L] and [R] parts individually. By turning off [R], for example, you can practice the [R] part while the [L] part is playing back, and vice versa.

### 1 Start playback of the desired Song.

To start the User Song, press [▶/■].

To start a Preset Song, see page 18, “Listening to the 50 Preset Songs or External Songs.”

### 2 While holding down [▶/■], press [L] or [R] to turn the Part on/off.



#### NOTE

- The Rhythm part recorded to a User Song cannot be muted.

### 3 Practice the part which is turned off.



#### NOTE

- Songs 16 – 20 of “50 Classics” are duet songs. The right-hand Part is for the first player, and the left-hand Part is for the second player.

### 4 Press [DEMO/SONG] or [▶/■] to stop playback.

#### NOTE

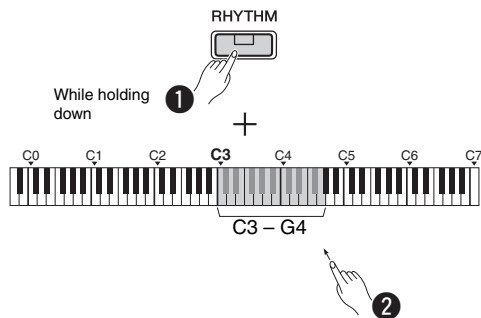
- Selecting another Song or stopping the Song will cancel the on/off status of the parts.

# Adding Accompaniment to Your Performance (Rhythm)

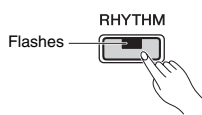
You can select a Rhythm (drums and bass accompaniment) from a variety of musical genres, such as Pops and Jazz, and play along with it. Refer to the Rhythms on page 28.

## 1 While holding [RHYTHM], press one of the C3 – G4 keys to select the desired Rhythm.

For details on which Rhythm is assigned to each key, see “Quick Operation Guide” (page 30).



## 2 Press [RHYTHM] to start the percussion part of the selected Rhythm from the Intro section.



### NOTE

- Intro will not be played back when you start the Rhythm during Song playback.

## Setting Intro/Ending on or off

This adds an Intro/Ending to the beginning or at the end of the rhythm section. You can enable (On) or disable (Off) the sound of the Intro/Ending as desired. While holding down [RHYTHM], press one of the keys: F5 (Intro Off), F#5 (Intro On), G5 (Ending Off) or G#5 (Ending On).

**Default setting:** on

## 3 Play your performance along with the Rhythm.



### NOTE

- For details on how to play Chords, refer to commercially available chord books.

## Bass On/Off

While holding down [RHYTHM], press C5 (Off) or C#5 (On; default setting).

## 4 Press [RHYTHM] to stop playback.

The lamp turns off, and the keyboard returns to the original status.

## Adjusting the Volume

**Setting range:** 1 – 10 (Default setting: 7)

While holding down [RHYTHM], press the F0 key to decrease the value by 1, F#0 to reset to the default value, or G0 to increase by 1.

- \* Refer to the “VOLUME” indications (-1/default/+1) printed above these keys.

## Adjusting the Tempo

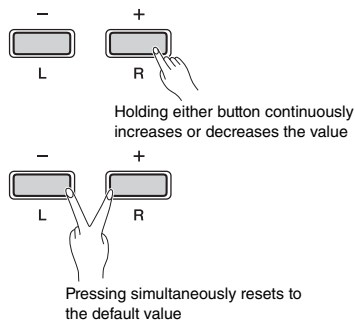
**Setting range:** 5 – 280 (default setting: 120)

## Voice confirmation of current Tempo value (in English):

While holding down [RHYTHM], press the lowest key.

## To increase or decrease the value by 1:

When the Rhythm is playing back, press [+] to increase or [-] to decrease. When it is stopped, press [+] to increase or [-] to decrease while holding down the [RHYTHM].



### NOTE

- The Rhythm tempo setting is reflected also in the Metronome

## To increase or decrease the value by 10 or to specify a three-digit value:

While holding down [RHYTHM], press the same key as in Metronome Tempo (page 16).

# Recording Your Performance

You can record your keyboard performance as a User Song in SMF format. Up to two Parts (L and R) can be recorded separately.

## NOTICE

- Note that the Recording operation replaces already recorded data with the newly recorded data, since only one User Song is available. To save the recorded data, transfer it to a computer as an SMF file. For details, refer to “Computer-related Operations” on page 8.
- If the data capacity of the instrument approaches full when you engage Record Ready mode, the [●] and [▶/■] lamps flash quickly for about three seconds. In this case, your performance may not be recorded.

## NOTE

- You can record up to 100 KB (or approximately 11,000 notes) on this instrument.

## Quick Recording

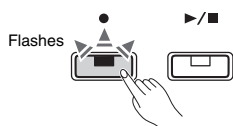
You can record a Rhythm with your performance.

### 1 Before recording, make the settings such as Voice, Beat, Tempo and Rhythm.

Because some of the settings cannot be changed after the Record mode is engaged, make the settings according to your performance preferences.

### 2 Press the [●] to engage Record Ready mode.

The [●] lamp will flash according to the current tempo.



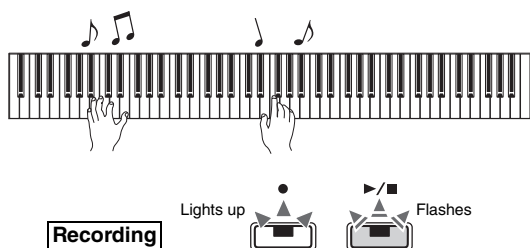
To exit from Record Ready mode, press [●].

## NOTE

- You cannot engage Record Ready mode while a Song is playing.
- You can use the Metronome while recording; however, the Metronome sound will not be recorded.

### 3 Play the keyboard or press [▶/■] to start recording.

You can also start recording by pressing the [RHYTHM].



### 4 Press either [●] or [▶/■] to stop recording.

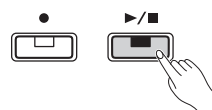
The [●] and [▶/■] lamps flash, indicating that the recorded data is being stored. After the operation is completed, the [●] and [▶/■] lamps turns off.

## NOTICE

- Never turn off the power while the recorded data is being stored (while the lamps are flashing). Otherwise, all recorded data will be lost.

### 5 To hear the recorded Song, press [▶/■] to start playback.

Press [▶/■] again to stop playback.



## Part Assignment

When either the Split or Duo is used for recording, the data as listed below will be recorded to each part.

	L part	R part
When Split or Duo is on:	Keyboard performance in the left hand section	Keyboard performance in the right hand section

## Recording Independently to Two Parts

You can record your performance to the L part (left hand part) and R part (right hand part) separately.

## NOTICE

- If you select a Part containing data, the Recording operation will replace the already-recorded data with the new data.

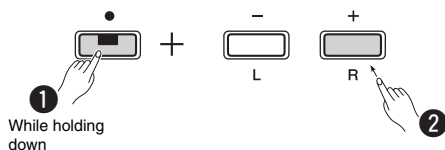
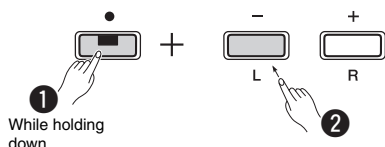
## NOTE

- When you use Split or Duo, use the Quick Recording method. You cannot record each part separately.
- Rhythm can only be recorded to a blank Song (both L/R parts are empty). If you want to record a Rhythm, make sure to record first to a blank Song.

### 1 Before recording, make the settings such as Voice, Beat or Rhythm.

### 2 While holding down [●], press [R] or [L] for the part you want to record, to engage Record Ready Mode.

To exit from Record Ready mode, press [●].

**To record the right part ([R]):****To record the left part ([L]):**

After a while, the [●] lamp will flash at the current tempo. When the already recorded data exists, the [●] and [▶/■] lamps will flash at the current tempo.

**If data has already been recorded to the other Part:**

The data in this Part will be played back while recording. To turn the Part off or on, hold down [▶/■] and press the appropriate Part button.

**NOTE**

- You can use the Metronome while recording; however, the Metronome sound will not be recorded.

**3 Start recording.**

Play the keyboard or press [▶/■] to start recording. The [●] lamp lights up while the [▶/■] lamp flashes at the current tempo.

**4 Press either [●] or [▶/■] to stop recording.**

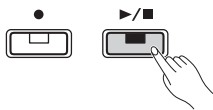
The [●] and [▶/■] lamps flash, indicating that the recorded data is being stored. After the operation is completed, the [●] and [▶/■] lamps will be turned off.

**NOTICE**

- Never turn off the power while the recorded data is being stored (while the lamps are flashing). Otherwise, all recorded data will be lost.

**5 If desired, record the other part by repeating Steps 1 – 4.****6 To hear the recorded Song, Press [▶/■] to start playback.**

Press [▶/■] again to stop playback.

**Deleting the User Song****1 While holding down [●], press [DEMO/SONG].**

The [●] and [▶/■] lamps flash (in alternation). To exit from this status, press [●].

**2 Press [▶/■] to delete the data of the entire Song.**

After the operation is completed, [●] and [▶/■] lamps turn off.

**To delete a specific Part:****NOTE**

- Rhythm cannot be deleted with this operation.

**1 While holding down [●], press [L] or [R] to engage the Record Ready mode.**  
The [●] lamp will flash.**2 Press [▶/■] to start recording without playing the keyboard.****3 Press [●] or [▶/■] to stop recording.**

All data recorded for the selected Part will be deleted, and the lamp turns off.

**Changing the Initial Settings of the Recorded Song**

The following parameter settings of the Song can be changed after the Record operation is completed.

**For individual parts:**

Voice, Balance, Reverb Depth, Damper Resonance

**For the entire Song:**

Tempo, Reverb Type

**1 Make settings for the above parameters, as desired.****2 While holding down [●], press the desired Part button to engage Record Ready mode.**

If you want to change the value of the parameters shared by two parts, select either part.

The [●] lamp will flash according to the current tempo.

**NOTICE**

- In this status, do not press [▶/■] or any key. Otherwise, recording starts and the data will be deleted.

**3 While holding down [●], press [▶/■] to change the initial settings and to exit from Record Ready mode.**

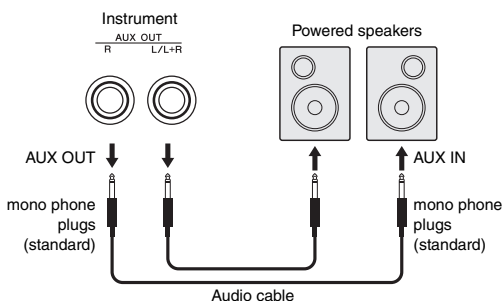
# Connecting Other Equipment

## ⚠ CAUTION

- Before connecting the instrument to other electronic components, turn off the power to all the components. Before turning the power on or off to all components, set all volume levels to minimum (0). Otherwise, electrical shock or damage to the components may result.

## Connecting External Speakers

Use these jacks to connect your digital piano to powered speakers and the like in order to play at higher volumes. Refer to the diagram below and use audio cables for connection.



## NOTICE

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

## NOTE

- Select cables and plugs with the lowest resistance possible.
- Use only the [L/L+R] AUX OUT jack if you wish to output the digital piano's sound in mono.

## Speaker on/off setting

You can set whether the sound of this instrument is always output from its built-in speaker or not. While holding down [METRONOME] and [RHYTHM] simultaneously, press the D6 key to turn off, D#6 to turn on, or E6 (AUTO) to mute the sound output from its built-in speaker when headphones are connected. (This is the default setting.)

**Default setting:** Auto

- \* Refer to the "SPEAKER OFF/ON/AUTO" indications printed above these keys.

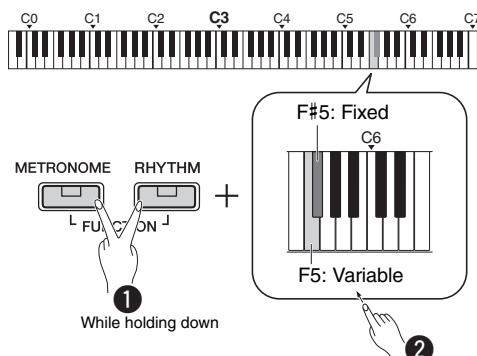
## Adjusting the volume of the external speakers

This parameter is used to specify how the volume of audio output via the [AUX OUT] jack is controlled. When set to "Variable (Off)," you can adjust the volume using [MASTER VOLUME]; when set to "Fixed (On)," the volume will be fixed at the same level, regardless of the slider position. While holding down [METRONOME] and [RHYTHM] simultaneously, press the F5 key to set to "Variable," or press the F#5 key to set to "Fixed."

**Default setting:** Variable (Off)

## NOTE

- When this parameter is set to "Fixed," the headphones volume will also be fixed.



## Connecting an iPad or iPhone

With an iPad or iPhone connected to your digital piano, you can use a wide range of apps to expand the functionality of your instrument in exciting new ways. For details on how to connect the devices, refer to the "iPhone/iPad Connection Manual" on page 8.

### Smart device application — Smart Pianist

Smart Pianist (free for downloading) lets you select the Voice and make Metronome settings intuitively, and allows you to display the notation, depending on the selected data. For more details on Smart Pianist, other supported apps and the compatible smart devices, refer to the following Yamaha web site.

<https://www.yamaha.com/kbdapps/>

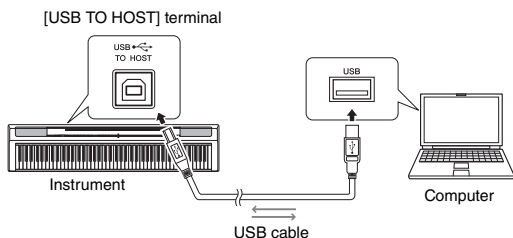
For instructions on connecting the instrument to a smart device, Connection Wizard in Smart Pianist will guide you according to the operating condition and environment. To start the Connection Wizard, tap "☰" (Menu) located at the upper left of the screen to open the Menu display, and then tap "Instrument" → "Start Connection Wizard."

## NOTICE

- If you are using a DAW (digital audio workstation) with this instrument, set Audio Loop Back (page 24) to Off. Otherwise, a loud sound may occur, depending on the settings of the computer or the application software.

## Connecting to a Computer

Connecting the [USB TO HOST] terminal of this instrument and the computer via a USB cable allows you to transmit/receive MIDI and Audio data (USB audio interface) to/from the computer. For details on using a computer with this instrument, refer to the "Computer-related Operations" on page 8.



**NOTICE**

- Use an **AB type USB cable of less than 3 meters. USB 3.0 cables cannot be used.**

**Types of file that can be exchanged with a computer**

Songs:

- User Song (USERSONG00 .mid)
- External Songs: files with a .mid extension (SMF format 0 or 1)

**NOTICE**

- **Before you transfer an SMF file from a computer, make sure to transfer the User Song to a computer for safe keeping, since already-recorded data will be replaced with the new transfer.**

**NOTE**

- Certain MIDI files in SMF format 0 or 1 may contain data that is not supported by your digital piano. In such a case, the files may not play as originally intended.

**Playback/Recording of Audio Data (USB audio interface)**

You can play back audio data on a smart device or a computer with this instrument. You can also record your keyboard performance as audio data to a music production app on a smart device or a computer. When using this function on a computer running Windows, you will need to install the Yamaha Steinberg USB Driver to your computer. For details, refer to the “Computer-related Operations” on page 8.

**Audio Loop Back On/Off**

You can set whether audio sound input from the [USB TO HOST] terminal is returned to the computer/smart device or not along with the performance played on the instrument.

While holding down [METRONOME] and [RHYTHM] simultaneously, press the G5 key (Off) or G#5 (On).

Default setting: On

**NOTICE**

- **If you are using a DAW (digital audio workstation) with this instrument, set Audio Loop Back to Off. Otherwise, a loud sound may occur, depending on the settings of the computer or the application software.**

# Data Backup and Initializing

The following data will automatically be maintained as backup data even if you turn off the power.

- User Song
- External Song
- Backup data:

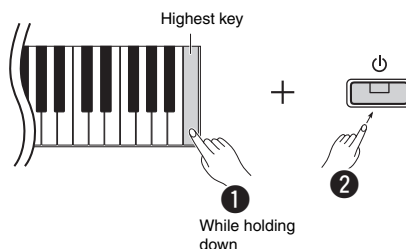
Metronome/Rhythm Volume, Metronome Beat, Touch Sensitivity, Tuning, Split Point, Auto Power OFF setting, IAC on/off, IAC Depth, Intro/Ending on/off, Operation Confirmation Sounds on/off, AUX OUT volume settings, Stereophonic Optimizer on/off, Speaker on/off, Table EQ on/off

**To save the User Song data to a computer:**

The User Song (USERSONG00.mid) can be transferred to a computer and saved as a SMF file. For details, refer to the “Computer-related Operations” on page 8.

**To initialize the backup data:**

While holding down the highest key, turn the power on to initialize the backup data to the factory initial settings.



Both the [●] and [▶/■] lamps flash, indicating that the initialization is being executed. After the operation is completed, both lamps turn off.

**NOTE**

- If this instrument somehow malfunctions or fails to operate properly, try initializing the data as described above.



# Troubleshooting

Problem	Possible Cause and Solution
When the instrument is turned on or off, a popping sound is temporarily produced.	This is normal and indicates that the instrument is receiving electrical power.
The instrument does not turn on.	The instrument has not been plugged in properly. Securely connect the AC adaptor to the DC IN jack on the instrument and to the AC outlet (page 10).
When the instrument is turned on, the power turns off suddenly and unexpectedly.	If an AC adaptor other than the one specified is used, the power may be turned off suddenly and unexpectedly.
The instrument is automatically turned off even if no operation is done.	This is normal. This occurs due to the Auto Power Off function (page 10).
Noise is heard from the speakers or headphones.	The noise may be due to interference caused by the use of a mobile phone in close proximity to the instrument. Turn off the mobile phone, or use it further away from the instrument.
Noise can be heard coming from the digital piano's built-in speakers and/or headphones when using it with an iPhone/iPad/iPod touch app.	In order to eliminate the risk of noise from other communication when using the instrument with an iPad, iPhone, or iPod touch, we recommend turning on the device's Airplane Mode.
The overall volume is low, or no sound is heard.	The Master Volume is set too low; set it to an appropriate level using the [MASTER VOLUME] (page 11).
	The digital piano's speakers are turned off. Turn them back on (page 23).
	Make sure a pair of headphones or conversion adaptor is not connected to the headphones jack (page 11).
	Make sure that Local Control is ON. For details, refer to "MIDI Reference" (page 8) on the website.
Moving the [MASTER VOLUME] slider does not change the volume of the headphones.	Have you set the external speaker volume to "Fixed"? Change the external speaker volume to "Variable." (page 23)
The pedal has no effect.	The pedal cable/plug may not be properly connected. Make sure to securely insert the pedal plug into the [SUSTAIN] or [PEDAL UNIT] jack (page 12).
The footswitch (for sustain) seems to produce the opposite effect. For example, pressing the footswitch cuts off the sound and releasing it sustains the sounds.	The polarity of the footswitch is reversed because the footswitch was pressed when the power was turned on. Turn off the power and turn it on again to reset the function. Make sure to not press the footswitch when turning the power on.

# Specifications

## Dimensions (W x D x H)

- 1326 x 295 x 166 mm (52-3/16" x 11-5/8" x 6-9/16")

## Weight

- 11.8kg (26 lbs. 0 oz.)

## Keyboards

- 88 keys (A-1 – C7)
- GHS (Graded Hammer Standard) keyboard with matte black keytops
- Touch Sensitivity (Hard/Medium/Soft/Fixed)

## Tone Generation / Voice

- Piano Sound: Pure CF Sound Engine
- Piano Effect: Damper Resonance, Stereo Sustain Samples, Key-off Samples, String Resonance
- 24 Preset Voices
- Polyphony: 192

## Effects/Functions

- 4 Reverb types, Sound Boost, table EQ, Intelligent Acoustic Control (IAC), Stereophonic Optimizer, Dual, Split, Duo

## Accompaniment Rhythm

- Preset: 20

## Song Recording/Playback (MIDI data only)

- Preset: 21 Voice Demo Songs, 50 Classic Songs
- 1 User Song with 2 tracks
- Data Capacity: Approx. 100 KB/Song (approx. 11,000 notes)
- Compatible Data Format
  - Playback: SMF (format 0, format 1)
  - Recording: SMF (format 0)

## Storage

- Internal Memory: total maximum size approx. 900 KB (User song: One song approx. 100 KB, Loading song data from a computer: Up to 2 Songs)

## Overall Controls

- Transpose: -6 – 0 – +6

- Fine Tuning: 414.8 – 440.0 – 466.8 Hz

- Metronome
- Tempo: 5 – 280
- USB audio interface

## Connectivity

- DC IN (12V), PHONES (Standard stereo phone jack) x 2, SUSTAIN, PEDAL UNIT, USB TO HOST, AUX OUT

## Amplifiers

- 7W x 2

## Speakers

- 12 cm x 2 + 4 cm x 2

## Power Supply

- AC Adaptor PA-150 or an equivalent recommended by Yamaha
- Power Consumption: 9 W (When using PA-150 AC adaptor)
- Auto Power Off Function

## Included Accessories

- Owner's Manual, Music Rest, AC Adaptor PA-150 or an equivalent recommended by Yamaha\*, Online Member Product Registration, Footswitch, Warranty\*
- \* May not be included depending on your particular area. Please check with your Yamaha dealer.

## Separately Sold Accessories

- Keyboard Stand L-125B/L-125WH, Pedal Unit (LP-1B/LP-1WH), Foot Pedal FC3A, Footswitch FC4A/FC5, Headphones (HPH-50/HPH-100/HPH-150), AC Adaptor: PA-150 or an equivalent recommended by Yamaha, Wireless MIDI adaptor: UD-BT01, Keyboard Bag (SC-KB850)

\* The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file. Since specifications, equipment or separately sold accessories may not be the same in every locale, please check with your Yamaha dealer.

# Voice List (Detailed)

Voice Button (Group)	Variation	Voice Name	Description
[PIANO]		Grand Piano	This sound was sampled from a concert grand piano. It uses different samples depending on the strength of your playing and produces smoother tonal changes. Even the tonal changes produced by the damper pedal and the subtle sounds of releasing a key are reproduced. The sympathetic vibration (string resonance) that occurs among the strings of an acoustic piano has also been simulated. Suitable not only for classical compositions but also for piano pieces of any style.
	1	Live Grand	Spacious and clear piano with bright reverb. Good for popular music.
	2	Ballad Grand	Warm and soft piano sound. Good for relaxing music.
	3	Bright Grand	Bright piano sound. Clear tone helps the sound to "cut through" when playing in an ensemble.
[E.PIANO]		Stage E.Piano	The sound of an electric piano using hammer-struck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard.
	1	DX E.Piano	An electronic piano sound created by FM synthesis. Extremely "musical" response with varying timbre according to keyboard dynamics. Good for standard popular music.
	2	Vintage E.Piano	A slightly different electric piano sound often heard in rock and popular music.
	3	Synth Piano	A synth-generated type electronic piano sound often heard in popular music. Used in the Dual mode it blends well with an acoustic piano Voice.
[ORGAN]		Jazz Organ	A "tonewheel" type electric organ. Often heard in jazz and rock music. When the separately sold Pedal Unit (LP-1B/LP-1WH) is connected, the rotary speed of the "ROTARY SP" effect can be switched by using the left pedal.
	1	Rock Organ	Bright and edgy electric organ sound. Good for rock music.
	2	Organ Principal	A typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period.
	3	Organ Tutti	This is the organ's full coupler sound often associated with Bach's "Tocatta and Fugue."
[CLV./VIB.]		Harpsichord 8'	The definitive instrument for baroque music. Authentic harpsichord sound, with plucked strings, no touch response, and characteristic key-release sound.
	1	Harpsi.8'+4'	Mixes the same Voice an octave higher for a more brilliant tone.
	2	E.Clavichord	A hammer-struck keyboard instrument that utilizes an electric pickup that is often heard in funk and soul music. Its tone is noted for the unique sound produced when the keys are released.
	3	Vibraphone	Played with relatively soft mallets. The tone becomes more metallic the harder you play. When the separately sold Pedal Unit (LP-1B/LP-1WH) is connected, the left pedal switches Vibrato on and off.
[STRINGS]		Strings	Stereo-sampled, large-scale strings ensemble with realistic reverb. Try combining this Voice with piano in the Dual mode.
	1	Slow Strings	Spacious strings ensemble with a slow attack. Try combining this Voice with a piano or electric piano in the Dual mode.
	2	Choir	A big, spacious choir Voice. Perfect for creating rich harmonies in slow pieces.
	3	Synth Pad	A warm, mellow, and spacious synth sound. Ideal for sustained parts in the background of an ensemble.
[+BASS]		Acoustic Bass	An upright bass played fingerstyle. Ideal for jazz and Latin music.
	1	Electric Bass	Electric bass for a wide range of music styles, including jazz, rock, popular, and more.
	2	Bass & Cymbal	Adds a cymbal Voice to the bass sound. Ideal for walking bass lines in jazz tunes.
	3	Fretless Bass	The sound of a fretless bass. Suitable for styles such as jazz and fusion.

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# List / Liste / Lista

## 50 Preset Songs (50 Classical Music Masterpieces)


No.	Key	Song Name	Composer
<b>Arrangements</b>			
1	C2	Canon D dur	J. Pachelbel
2	C#2	Air On the G String	J. S. Bach
3	D2	Jesus, Joy of Man's Desiring	J. S. Bach
4	D#2	Twinkle, Twinkle, Little Star	Traditional
5	E2	Piano Sonata op.31-2 "Tempest" 3rd mov.	L. v. Beethoven
6	F2	Ode to Joy	L. v. Beethoven
7	F#2	Wiegenlied op.98-2	F. P. Schubert
8	G2	Grande Valse Brillante	F. F. Chopin
9	G#2	Polonaise op.53 "Héroïque"	F. F. Chopin
10	A2	La Campanella	F. Liszt
11	A#2	Salut d'amour op.12	E. Elgar
12	B2	From the New World	A. Dvořák
13	C3	Sicilienne	G. U. Fauré
14	C#3	Clair de lune	C. A. Debussy
15	D3	Jupiter (The Planets)	G. Holst
<b>Duets</b>			
16	D#3	Menuett (Eine kleine Nachtmusik K.525)	W. A. Mozart
17	E3	Menuett G dur	L. v. Beethoven
18	F3	Marcia alla Turca	L. v. Beethoven
19	F#3	Piano Concerto No.1 op.11 2nd mov.	F. F. Chopin
20	G3	The Nutcracker Medley	P. I. Tchaikovsky
<b>Original Compositions</b>			
21	G#3	Prelude (Wohltemperierte Klavier I No.1)	J. S. Bach
22	A3	Menuett G dur BWV Anh.114	J. S. Bach
23	A#3	Piano Sonate No.15 K.545 1st mov.	W. A. Mozart
24	B3	Turkish March	W. A. Mozart
25	C4	Piano Sonate op.13 "Pathétique" 2nd mov.	L. v. Beethoven
26	C#4	Für Elise	L. v. Beethoven
27	D4	Piano Sonate op.27-2 "Mondschein" 1st mov.	L. v. Beethoven
28	D#4	Impromptu op.90-2	F. P. Schubert
29	E4	Frühlingslied op.62-6	J. L. F. Mendelssohn
30	F4	Fantaisie-Impromptu	F. F. Chopin
31	F#4	Etude op.10-3 "Chanson de l'adieu"	F. F. Chopin
32	G4	Etude op.10-12 "Revolutionary"	F. F. Chopin
33	G#4	Valse op.64-1 "Petit chien"	F. F. Chopin
34	A4	Nocturne op.9-2	F. F. Chopin
35	A#4	Nocturne KK4a-16/BI 49 [Posth.]	F. F. Chopin
36	B4	Träumerei	R. Schumann
37	C5	Barcarolle	P. I. Tchaikovsky
38	C#5	La prière d'une Vierge	T. Badarzewska
39	D5	Liebesträume No.3	F. Liszt
40	D#5	Blumenlied	G. Lange
41	E5	Humoresque	A. Dvořák
42	F5	Arietta	E. H. Grieg
43	F#5	Tango (España)	I. Albéniz
44	G5	The Entertainer	S. Joplin
45	G#5	Maple Leaf Rag	S. Joplin
46	A5	La Fille aux Cheveux de Lin	C. A. Debussy
47	A#2	Arabesque No.1	C. A. Debussy
48	B5	Cakewalk	C. A. Debussy
49	C6	Je te veux	E. Satie
50	C#6	Gymnopédies No.1	E. Satie

## Rhythms


Category	No.	Name
Pops&Rock	1	8Beat
	2	16Beat
	3	Shuffle1
	4	Shuffle2
	5	Shuffle3
	6	Gospel
	7	8BeatBallad
	8	6-8SlowRock
Jazz	9	FastJazz
	10	SlowJazz
	11	Swing
	12	JazzWaltz
Latin	13	Samba
	14	BossaNova
	15	Rumba
	16	Salsa
Kids&Holiday	17	KidsPop
	18	6-8March
	19	ChristmasSwing
	20	Christmas3-4

# Quick Operation Guide

While holding down the [DEMO/SONG] button, press one of the highlighted keys shown below to select preset songs, etc. or set parameters. (Refer to diagram 1 below.)  
 While holding down the [PIANO] button, press one of the highlighted keys shown below to select reverb types, etc. or set parameters. (Refer to diagram 2 below.)



DEMO/  
SONG

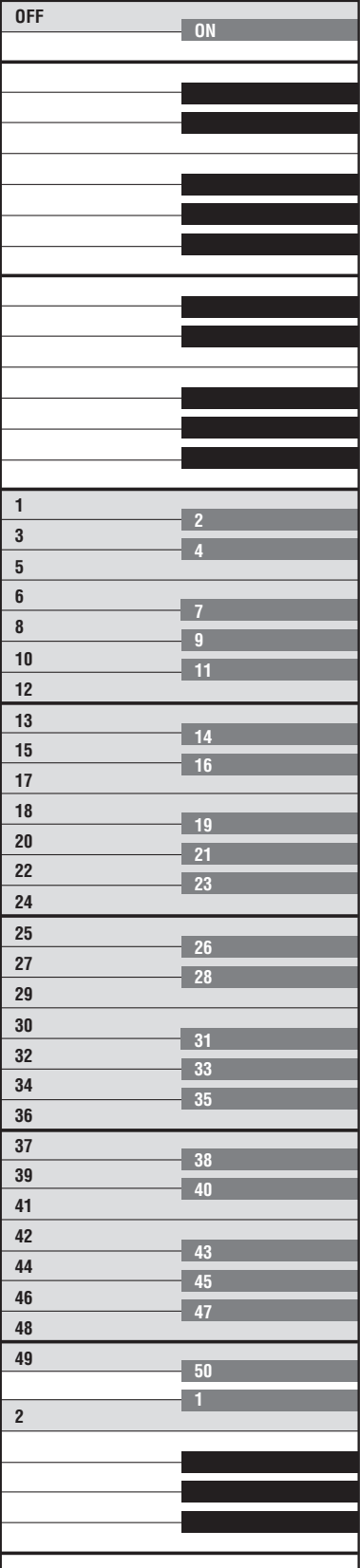


1


Quick Play

50 Preset Songs (50 Classical Music Masterpieces) Song number


Song Data Loaded from the Computer



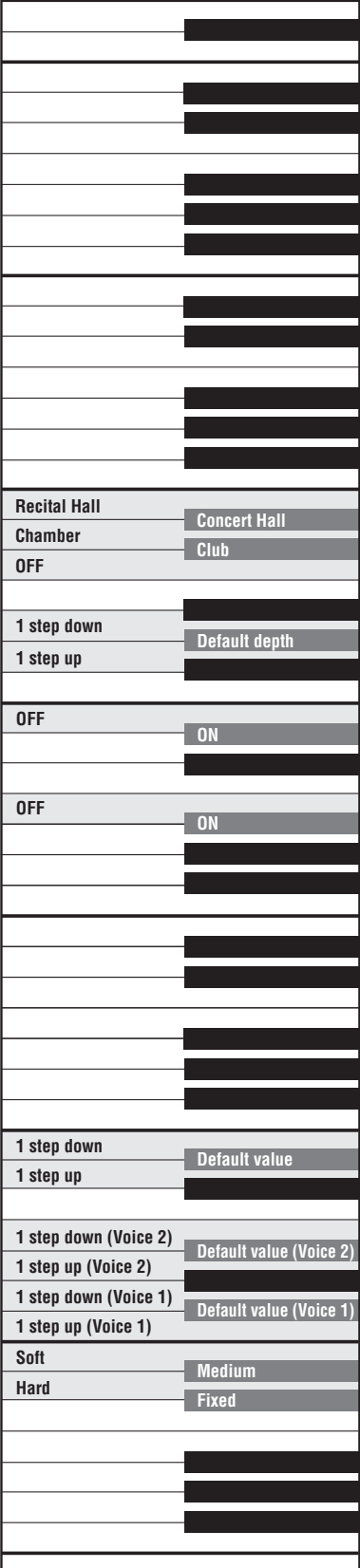
A#1	C#0	D#0	E#0	F#0	G#0	A#0	B#0	C1	D1	E1	F1	G1	A1	B1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	1	2
A-1	B-1	C0	D0	E0	F0	G0	A0	B0	C1	D1	E1	F1	G1	A1	B1	C2	D2	E2	F2	G2	A2	B2	C3	D3	E3	F3	G3	A3	B3	C4	D4	E4	F4	G4	A4	B4	C5	D5	E5	F5	G5	A5	B5	C6	D6	E6	F6	G6	A6	B6	C7															



PIANO



2



**Reverb Type**  
 Concert Hall  
 Chamber  
 Club  
 OFF

**Reverb Depth**  
 Default depth  
 1 step down  
 1 step up

**Damper Resonance**  
 ON  
 OFF

**Stereophonic Optimizer**  
 ON  
 OFF

**Balance between Voice 1 and Voice 2**  
 Default value  
 1 step down  
 1 step up

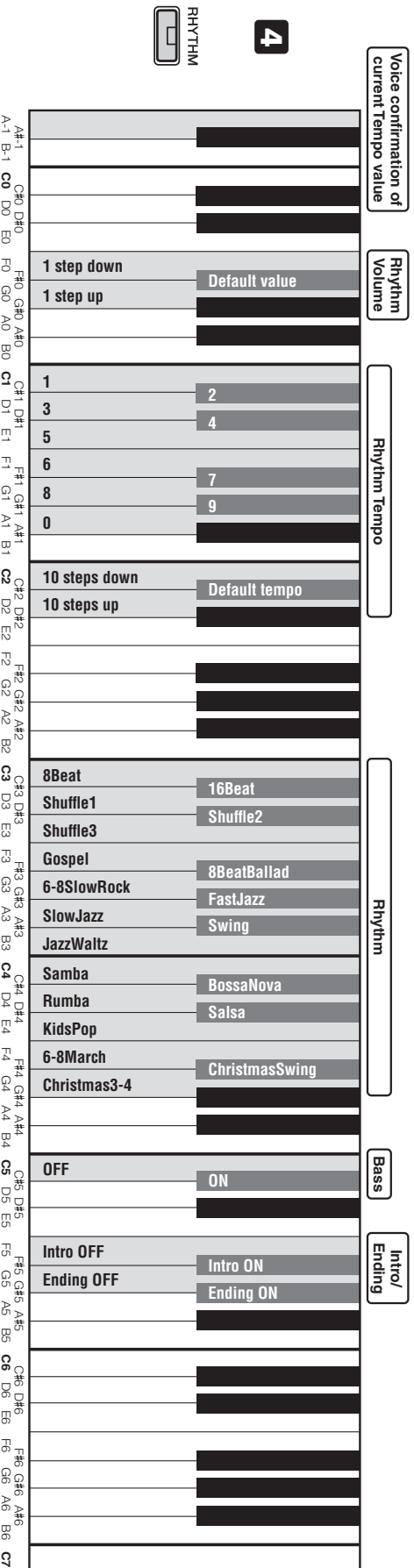
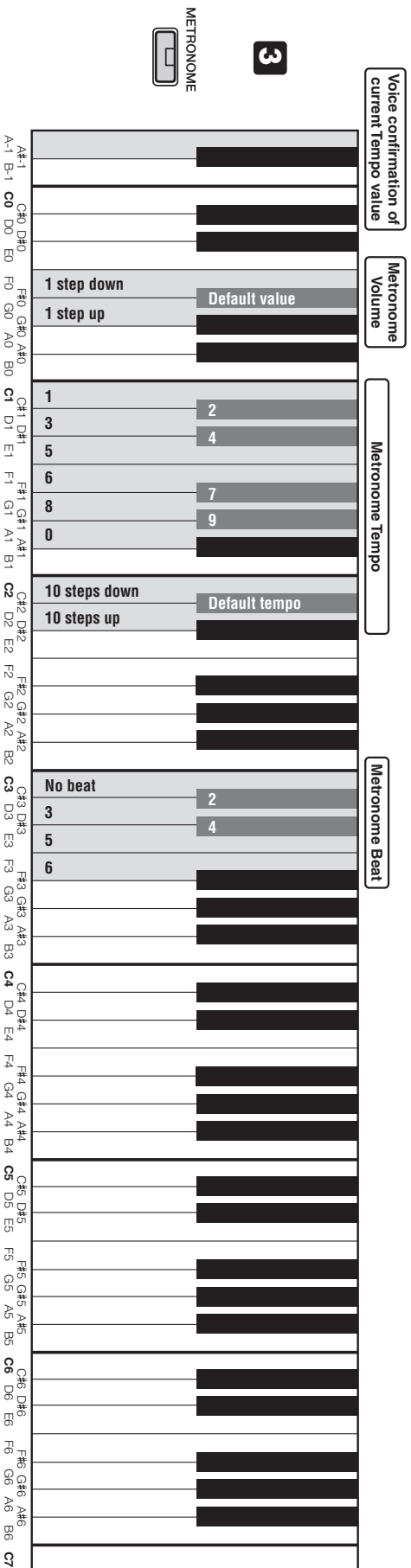
**Octave Setting**  
 Default value (Voice 2)  
 1 step down (Voice 2)  
 1 step up (Voice 2)  
 Default value (Voice 1)  
 1 step down (Voice 1)  
 1 step up (Voice 1)

**Touch Sensitivity**  
 Medium  
 Fixed  
 Soft  
 Hard

A#1	C#0	D#0	E#0	F#0	G#0	A#0	B#0	C1	D1	E1	F1	G1	A1	B1	Recital Hall	Concert Hall	Chamber	Club	OFF	1 step down	1 step up	OFF	ON	OFF	ON	1 step down	1 step up	1 step down (Voice 2)	1 step up (Voice 2)	1 step down (Voice 1)	1 step up (Voice 1)	Soft	Medium	Hard	Fixed	2															
A-1	B-1	C0	D0	E0	F0	G0	A0	B0	C1	D1	E1	F1	G1	A1	B1	C2	D2	E2	F2	G2	A2	B2	C3	D3	E3	F3	G3	A3	B3	C4	D4	E4	F4	G4	A4	B4	C5	D5	E5	F5	G5	A5	B5	C6	D6	E6	F6	G6	A6	B6	C7

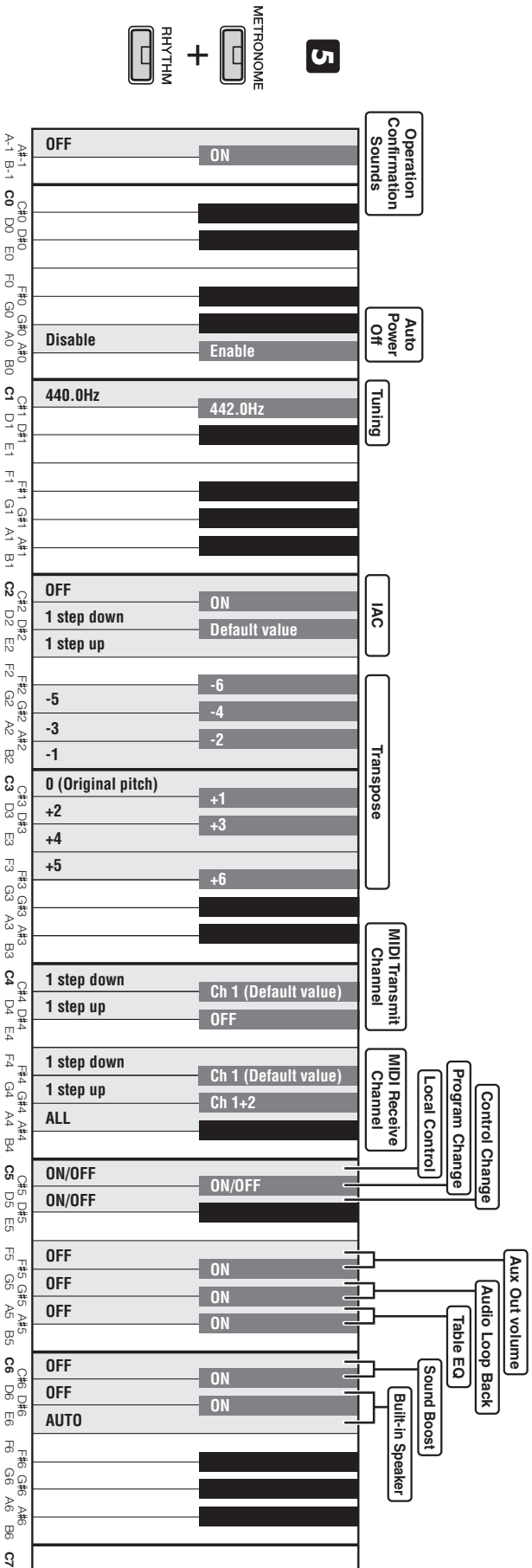
# Quick Operation Guide

While holding down the [METRONOME] button, press one of the highlighted keys shown below to select Metronome beats, or set parameters. (Refer to diagram 3 below.)  
 While holding down the [RHYTHM] button, press one of the highlighted keys shown below to select rhythms, or set parameters. (Refer to diagram 4 below.)



# Quick Operation Guide

While holding down the [METRONOME] and [RHYTHM] buttons, press one of the highlighted keys shown below to set parameters. (Refer to diagram 5 below.)



Memo



Memo

Memo

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