

ARIUS

YDP-C71

Owner's Manual

Bedienungsanleitung

Mode d'emploi

Manual de instrucciones

ENGLISH

DEUTSCH

FRANÇAIS

ESPAÑOL

For information on assembling the keyboard stand, refer to the instructions at the end of this manual.

IMPORTANT — Check your power supply —

Make sure that your local AC mains voltage matches the voltage specified on the name plate on the bottom panel. In some areas a voltage selector may be provided on the bottom panel of the main keyboard unit near the power cord. Make sure that the voltage selector is set for the voltage in your area. The voltage selector is set at 240V when the unit is initially shipped.

To change the setting use a "minus" screwdriver to rotate the selector dial so that the correct voltage appears next to the pointer on the panel.

Weitere Informationen über die Montage des Keyboard-Ständers erhalten Sie in den Anweisungen am Ende dieses Handbuchs.

WICHTIG — Überprüfen Sie Ihren Netzanschluss —

Vergewissern Sie sich, dass die Spannung in Ihrem örtlichen Stromnetz mit der Spannung übereinstimmt, die auf dem Typenschild auf der Unterseite des Instruments angegeben ist. In bestimmten Regionen ist auf der Unterseite des Keyboards in der Nähe des Netzkabels ein Spannungswähler angebracht.

Vergewissern Sie sich, dass der Spannungswähler auf die Spannung Ihres lokalen Stromnetzes eingestellt ist. Dieser Spannungswähler ist bei Auslieferung auf 240 V eingestellt. Sie können die Einstellung mit einem Schlitzschraubenzieher ändern. Drehen Sie dazu den Wählschalter, bis der Pfeil auf dem Instrument auf die richtige Spannung zeigt.

Pour obtenir des informations sur l'assemblage du support du clavier, reportez-vous aux instructions à la fin de ce manuel.

IMPORTANT — Contrôler la source d'alimentation

Vérifiez que la tension spécifiée sur le panneau inférieur correspond à la tension du secteur. Dans certaines régions, l'instrument peut être équipé d'un sélecteur de tension situé sur le panneau inférieur du clavier à proximité du cordon d'alimentation.

Vérifiez que ce sélecteur est bien réglé en fonction de la tension secteur de votre région. Le sélecteur de tension est réglé sur 240 V au départ d'usine. Pour modifier ce réglage, utilisez un tournevis à lame plate pour tourner le sélecteur afin de mettre l'indication correspondant à la tension de votre région vis à vis du repère triangulaire situé sur le panneau.

Para información sobre el montaje del soporte del teclado, consulte las instrucciones al final de este manual.

IMPORTANTE — Verifique la alimentación de corriente

Asegúrese de que tensión de alimentación de CA de su área corresponde con la tensión especificada en la placa de características del panel inferior. En algunas zonas puede haberse incorporado un selector de tensión en el panel inferior de la unidad del teclado principal, cerca del cable de alimentación. Asegúrese de que el selector de tensión esté ajustado a la tensión de su área. El selector de tensión se ajusta a 240V cuando la unidad sale de fábrica. Para cambiar el ajuste, emplee un destornillador de cabeza "recta" para girar el selector de modo que aparezca la tensión correcta al lado del indicador del panel.

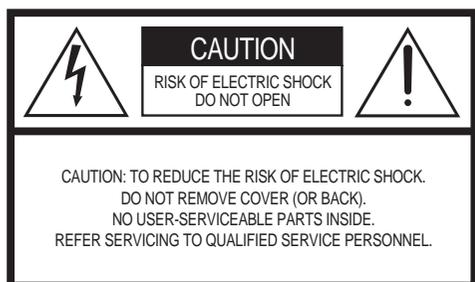
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SPECIAL MESSAGE SECTION

PRODUCT SAFETY MARKINGS: Yamaha electronic products may have either labels similar to the graphics shown below or molded/stamped facsimiles of these graphics on the enclosure. The explanation of these graphics appears on this page. Please observe all cautions indicated on this page and those indicated in the safety instruction section.



See bottom of Keyboard enclosure for graphic symbol markings.



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



The lightning flash with arrowhead symbol, within the 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 electrical shock.

IMPORTANT NOTICE: All Yamaha electronic products are tested and approved by an independent safety testing laboratory in order that you may be sure that when it is properly installed and used in its normal and customary manner, all foreseeable risks have been eliminated. DO NOT modify this unit or commission others to do so unless specifically authorized by Yamaha. Product performance and/or safety standards may be diminished. Claims filed under the expressed warranty may be denied if the unit is/has been modified. Implied warranties may also be affected.

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.

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:

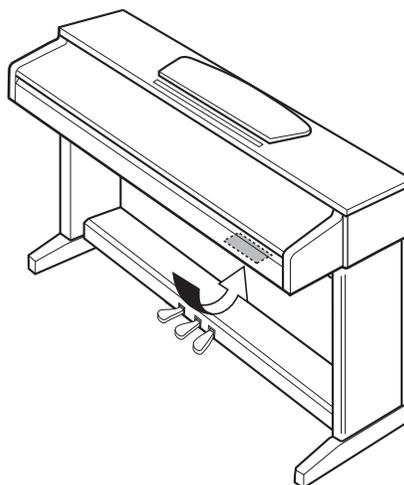
Battery Notice: This product MAY contain a small non-rechargeable battery which (if applicable) is soldered in place. The average life span of this type of battery is approximately five years. When replacement becomes necessary, contact a qualified service representative to perform the replacement.

Warning: Do not attempt to recharge, disassemble, or incinerate this type of battery. Keep all batteries away from children. Dispose of used batteries promptly and as regulated by applicable laws. Note: In some areas, the servicer is required by law to return the defective parts. However, you do have the option of having the servicer dispose of these parts for you.

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.

NOTICE: Service charges incurred due to 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.

NAME PLATE LOCATION: The graphic below indicates the location of the name plate. 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 _____

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)

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 place for future reference.



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/Power cord

- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or place it in a position where anyone could walk on, trip over, or roll anything over it.
- Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- Use only the supplied power cord/plug.
- 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, 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/Power cord

- 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.

Assembly

- Read carefully the attached documentation explaining the assembly process. Failure to assemble the instrument in the proper sequence might result in damage to the instrument or even injury.

Location

- Do not place the instrument in an unstable position where it might accidentally fall over.
- When transporting or moving the instrument, always use two or more people. Attempting to lift the instrument by yourself may damage your back, result in other injury, or cause damage to the instrument itself.
- Before moving the instrument, remove all connected cables.
- 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.

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 key cover or instrument. Also take care that the key cover does not pinch your finger.
- Never insert or drop paper, metallic, or other objects into the gaps on the key cover, 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.

Using the bench (If included)

- Do not place the bench in an unstable position where it might accidentally fall over.
- Do not play carelessly with or stand on the bench. Using it as a tool or stepladder or for any other purpose might result in accident or injury.
- Only one person should sit on the bench at a time, in order to prevent the possibility of accident or injury.
- If the bench screws become loose due to extensive long-term use, tighten them periodically using the included tool.

NOTICE

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

■ Handling and Maintenance

- 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.
- 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.
- Bumping the surface of the instrument with metal, porcelain, or other hard objects can cause the finish to crack or peel. Use caution.

■ Saving data

- Saved data may be lost due to malfunction or incorrect operation. Save important data to external device such as a computer (see online manual, Computer-related Operations).

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 computer programs and contents in which Yamaha owns copyrights or with respect to which it has license to use others' copyrights. Such copyrighted materials include, without limitation, all computer software, style files, MIDI files, WAVE data, musical scores and sound recordings. Any unauthorized use of such programs and contents outside of personal use is not permitted under relevant laws. Any violation of copyright has legal consequences. DON'T MAKE, DISTRIBUTE OR USE ILLEGAL COPIES.

■ 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.
- The company names and product names in this manual are the trademarks or registered trademarks of their respective companies.

*Thank you for choosing the Yamaha ARIUS.
In order to make the most of the performance potential and features of the instrument,
please read the manuals thoroughly, and keep them in a handy place for later reference.*

About the Manuals

This instrument has the following manuals.

Included Manuals



Owner's Manual (this book)

Explains how to use the instrument.



Quick Operation Guide (separate sheet)

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

Online Manuals (PDF)



Computer-related Operations

Includes instructions on connecting this instrument to a computer, and operations related to transferring song data.



MIDI Reference

Contains the MIDI Data Format and MIDI Implementation chart.



MIDI Basics (only in English, French and German)

Contains basic explanations about MIDI.

To obtain these manuals, access the Yamaha Manual Library, enter "YDP-C71" or "MIDI Basics" to the Model Name box, then click [SEARCH].

Yamaha Manual Library

<http://www.yamaha.co.jp/manual/>

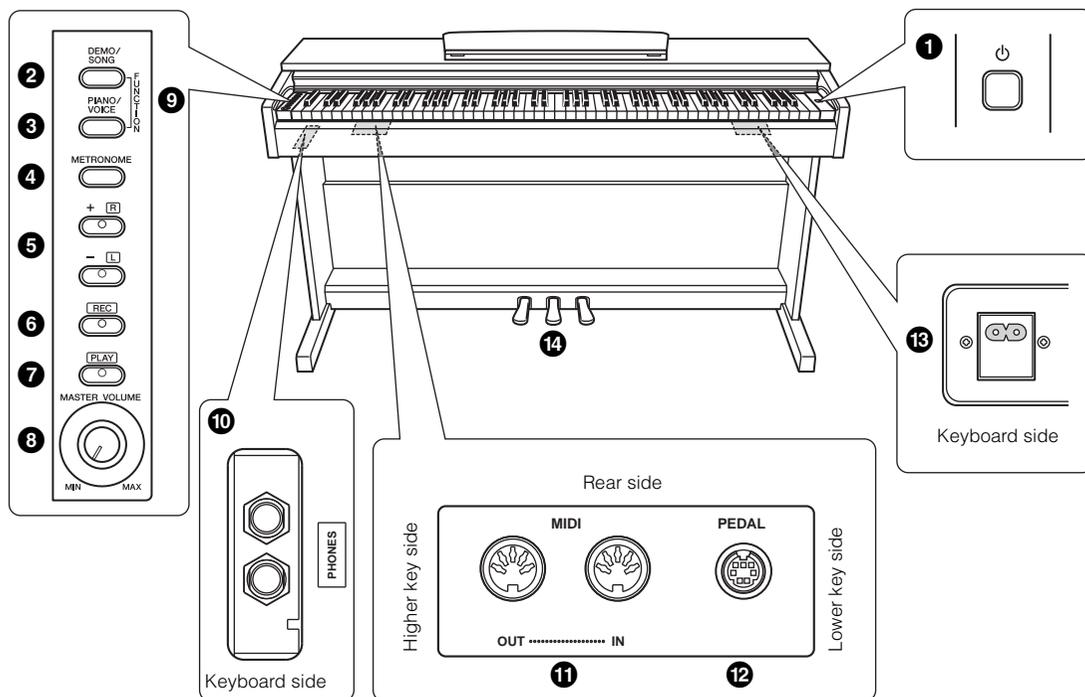
Included Accessories

- Owner's Manual (this book)
- Quick Operation Guide (separate sheet)
- "50 greats for the Piano" (music book)
- Online Member Product Registration*1
- Bench*2
- AC Power Cord

*1 The PRODUCT ID on the sheet is required for filling out the User Registration form.

*2 Included or optional depending on locale.

Panel Controls and Terminals



- 1** [] **Power switch** page 10
Turns the power on () or off ().
- 2** [**DEMO/SONG**] button pages 16, 20
For playing the Demo Songs and the Preset Songs.
- 3** [**PIANO/VOICE**] button pages 15, 17, 19
For selecting a single Voice, two Voices for layering or a Reverb Type.
- 4** [**METRONOME**] button page 13
For using the metronome.
- 5** [**+ R**], [**- L**] buttons pages 15, 18, 21
- Normally, for selecting the next or previous Voice.
 - During Song playback, for selecting the next or previous Song, and (while holding down [PLAY]) turning on/off the Right-hand and Left-hand Parts individually.
 - During Metronome playback, for increasing or decreasing the Tempo.
- 6** [**REC**] button page 22
For recording your keyboard performance.
- 7** [**PLAY**] button page 23
For playing back the recorded performance.
- 8** [**MASTER VOLUME**] knob page 12
For adjusting the volume of the entire sound.
- 9** [**FUNCTION**] pages 18, 26
Simultaneously holding these two buttons and pressing the specified key sets will set the MIDI or Transpose parameters.
- 10** [**PHONES**] jacks page 11
For connecting a set of standard stereo headphones.
- 11** **MIDI IN/OUT terminals** page 25
For connecting to an external MIDI instrument.
- 12** [**PEDAL**] jack page 30
For connecting the Pedal Cord.
- 13** [**AC IN**] jack page 10
For connecting the included Power Cord.
- 14** **Pedals** page 12
For controlling expression and sustain, just as on an acoustic piano.

Setting Up

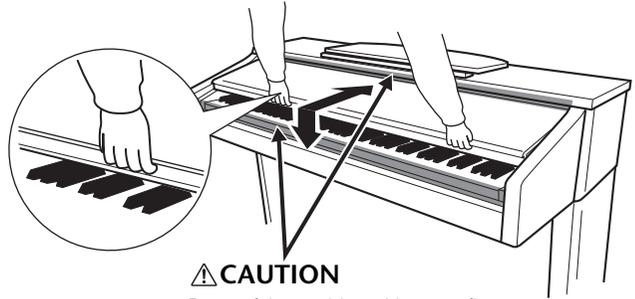
Key Cover

To open the key cover:

Lift the cover slightly, then push and slide it to the end.

To close the key cover:

Slide the cover toward you and gently lower the cover over the keys.



⚠ CAUTION

Be careful to avoid catching your fingers when opening or closing the cover.

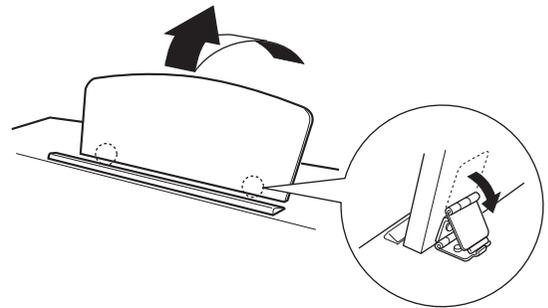
⚠ CAUTION

- Hold the cover with both hands when opening or closing it. Do not release it until it is fully opened or closed. Be careful to avoid catching fingers (yours or others, especially children's) between the cover and main unit.
- Do not place objects, such as a piece of metal or paper, on top of the key cover. Small objects placed on the key cover may fall inside the unit when the cover is opened and may be nearly impossible to remove. This could cause electric shock, short circuit, fire or other serious damage to the instrument.

Music Rest

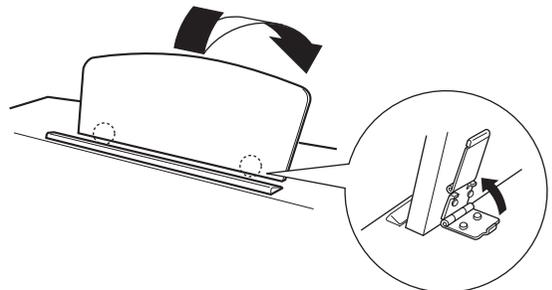
To raise the music rest:

- 1 Pull the music rest up and toward yourself as far as it will go.
- 2 Flip down the two metal supports at the rear left and right of the music rest.
- 3 Lower the music rest so that it rests on the metal supports.



To lower the music rest:

- 1 Pull the music rest toward yourself as far as it will go.
- 2 Raise the two metal supports (at the rear of the music rest).
- 3 Gently lower the music rest backward until it is all the way down.



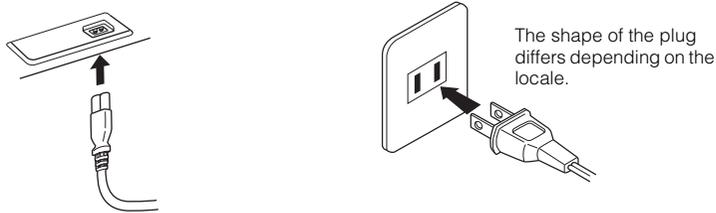
⚠ CAUTION

Do not try to use the music rest in a half-raised position. When lowering the music rest, do not release your hands from the music rest until it is all the way down.

Turning the Power On

1 Connect the power cord.

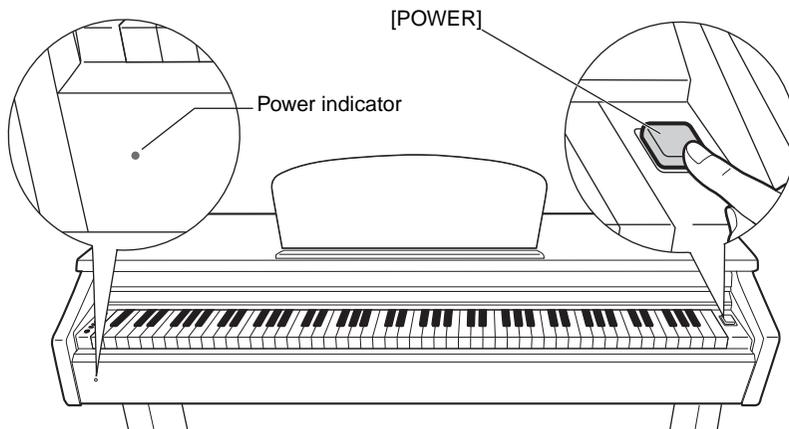
First insert the plug of the power cable into the [AC IN] jack on your instrument, then plug the other end of the cable into the proper AC outlet on the wall. For an illustration of the location of the [AC IN] jack, see “Panel Controls and Terminals” (page 8). In some areas a plug adaptor may be provided to match the pin configuration of the AC wall outlets in your area.



⚠ WARNING

- Make sure your instrument is rated for the AC voltage supplied in the area in which it is to be used (voltage rating appears on the name plate on the bottom panel). In some areas, a voltage selector may be provided on the bottom panel of the main keyboard unit near the [AC IN] jack. Make sure that the voltage selector is set for the voltage in your area. Connecting the unit to the wrong AC supply can cause serious damage to the internal circuitry and may even pose a shock hazard!
- Use only the AC power cord supplied with your instrument. If the supplied cord is lost or damaged and needs to be replaced, contact your Yamaha dealer. The use of an inappropriate replacement can pose a fire and shock hazard!
- The type of AC power cord provided with your instrument may be different depending on the country in which it is purchased. Do NOT modify the plug provided with your instrument. If the plug does not fit the outlet, have a proper outlet installed by a qualified electrician.

2 Press the [⏻] power switch to turn the power on.



Power indicator

If you close the key cover without turning the power off, the power indicator remains lit, indicating that the power is still on.

When you're ready to turn off the power, press the power switch again. The power indicator turns off.

⚠ CAUTION

Even when the instrument is turned off, electricity is still flowing to the instrument at the minimum level. When you are not using the instrument for a long time or during electrical storms, make sure you unplug the AC power plug from the wall AC outlet.

Using Headphones

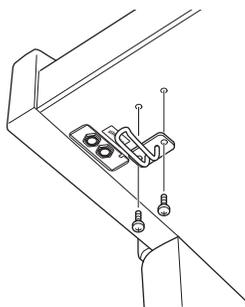
Since this instrument is equipped with two [PHONES] jacks, you can connect two sets of standard stereo headphones. If you are using only one set of headphones, insert a plug into either jack, which automatically shuts off the speakers.

⚠ CAUTION

Do not use headphones at a high volume for an extended period of time; doing so may cause hearing loss.

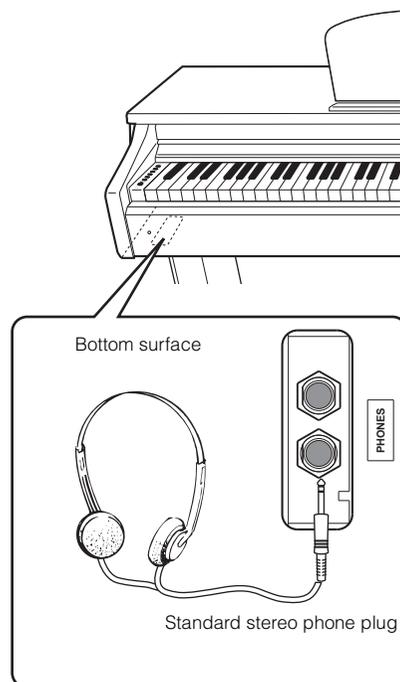
Using the headphone hanger

You can hang the headphones on the instrument. Install the headphone hanger using included two screws as shown in the illustration.



NOTICE

Do not hang anything other than the headphones on the hanger. Doing so may damage this instrument or the hanger.



Bottom surface

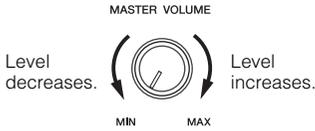
PHONES

Standard stereo phone plug

Playing the Piano

Setting the Volume

When you start playing, use the [MASTER VOLUME] knob to adjust the volume of the entire keyboard sound.



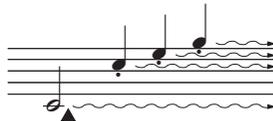
⚠ CAUTION

Do not use this instrument at a high volume level for a long period of time, or your hearing may be damaged.

Using the Pedals

Damper Pedal (Right)

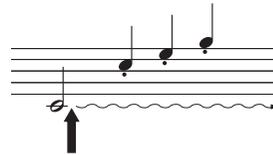
Pressing this pedal will sustain notes longer. Releasing this pedal immediately stops (damps) any sustained notes. A “half-pedal” function of this pedal creates partial sustain effects, depending on how far down you press the pedal.



When you press the damper pedal here, this note and the notes you play before you release the pedal sustain longer.

Sostenuto Pedal (Center)

Pressing this pedal while holding the notes will sustain the pressed notes (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 the other notes are played “staccato.”



When you press the sostenuto pedal here while holding the note, the note will sustain as long as you hold the pedal.

Soft Pedal (Left)

Pressing this pedal will reduce the volume and slightly change the timbre of the notes. The notes played before this pedal is pressed are not affected.

NOTE

If the damper pedal doesn't work, make sure that the pedal cord is properly plugged into the main unit (page 30).

Half-pedal function

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 to decrease the sustain (murkiness)

NOTE

While the sostenuto pedal is held, the organ and strings Voices sound continuously without decay after the notes have been released.

Using the Damper Resonance

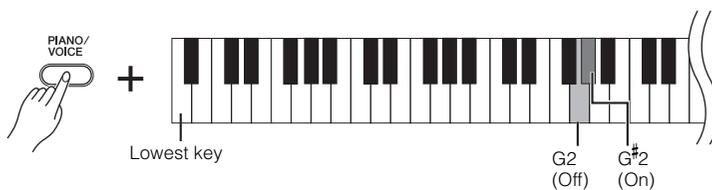
When playing an actual grand piano, the strings resonate sympathetically, whether the damper pedal is pressed or not. The Damper Resonance function recreates that effect.

To turn on the Damper Resonance:

While holding [PIANO/VOICE], press the G#2 key.

To turn off the Damper Resonance:

While holding [PIANO/VOICE], press the G2 key.

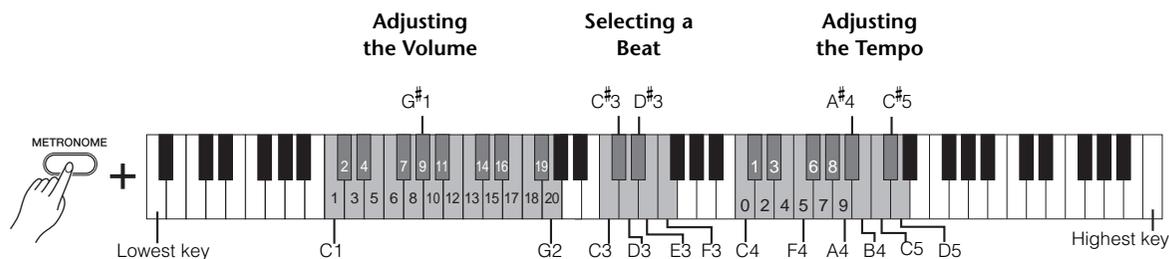


Default setting: On

Using the Metronome

The metronome feature is convenient for practicing with an accurate tempo.

- 1** Press [METRONOME] to start the Metronome.
- 2** Press [METRONOME] to stop the Metronome.



Selecting a Beat

While holding down [METRONOME], press one of the C3-F3 keys.

Key	Beat
C3	0
C#3	2
D3	3
D#3	4
E3	5
F3	6

Adjusting the Tempo

The Metronome tempo can be set from 32 to 280 beats per minute.

To increase or decrease the value by 1:

While the metronome is playing, press [+ R] to increase or [- L] to decrease. Alternatively, press and hold down [METRONOME], and press the C#5 key to increase or B4 key to decrease.

To increase or decrease the value by 10:

While holding down [METRONOME], press the D5 key to increase or the A#4 key to decrease.

To specify a three-digit value:

While holding down [METRONOME], press the relevant C4–A4 keys one by one in order. For example to specify "95," press the C4 (0), A4 (9) and F4 (5) keys in order.

Resetting the value to the default (120)

While holding down the [METRONOME], press the [+ R] and [- L] simultaneously, or press the C5 (default) key.

Adjusting the Volume

While holding down [METRONOME], press one of the keys between C1 and G2 to set the volume. Pressing a higher key results in higher volume, while pressing a lower key results in lower volume.

Default setting: 0 (C3)

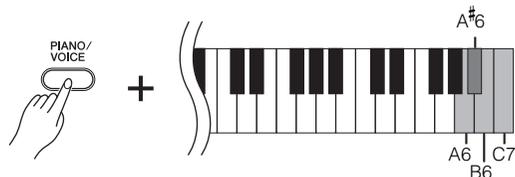
Setting range:
C1 (1) ~ G2 (20)

Default setting:
A1 (10)

Changing the Touch Sensitivity

You can specify the Touch Sensitivity (how the sound responds to the way you play the keys).

While holding down [PIANO/VOICE], press one of the A6-C7 keys.



NOTE

This setting is disabled with some Voices, such as an organ sound.

Default setting:

B6 (Medium)

Key	Touch Sensitivity	Description
A6	Fixed	The volume level does not change at all regardless of whether you play the keyboard soft or hard.
A#6	Soft	The volume level does not change much when you play the keyboard soft or hard.
B6	Medium	This is the standard piano touch response.
C7	Hard	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.

Maintenance

To keep your ARIUS in optimum condition, we recommend that you periodically follow the maintenance points below.

Instrument and Bench Maintenance

- When cleaning the instrument, use a soft, dry or slightly damp cloth.

NOTICE

Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Gently remove dust and dirt with a soft cloth. Do not wipe too hard since small particles of dirt can scratch the instrument's finish.

To keep the surface polished, apply commercially available piano polisher to a soft cloth and wipe the instrument's surface with it. Then, polish it with a separate cloth. Before using any piano polisher, make sure to read the instructions for proper usage.

- Tighten the screws of the instrument and bench periodically.

Pedal Cleaning

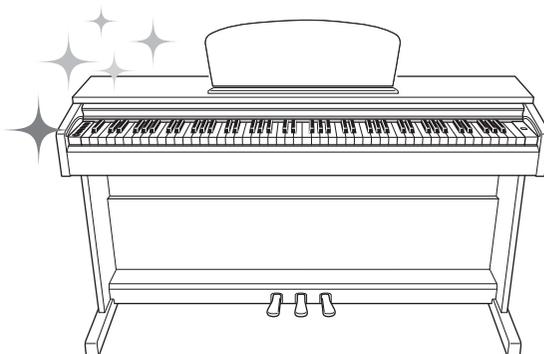
As with an acoustic piano, pedals may become tarnished over years of use. When this occurs, polish the pedal with a compound designed for piano pedals. Before using the compound, make sure to read the instructions for proper usage.

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. However, if you feel there is something abnormal concerning the keyboard touch, contact your Yamaha dealer.

When transporting

You can load this instrument onto a truck, either fully assembled or disassembled. When doing so, do not lean the instrument (especially the keyboard unit) against a wall, and make sure to lay it horizontally in the truck. When transporting by truck, do not subject the instrument to excessive vibration or shock. If you transport the instrument fully assembled, make sure to check all the screws then tighten them as necessary.



Playing Various Musical Instrument Sounds (Voices)

Selecting a Voice

To select "Grand Piano 1":

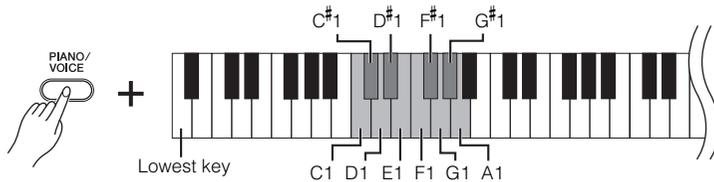
Simply press [PIANO/VOICE].

To select another Voice:

After pressing [PIANO/VOICE], press [+ R] or [- L] to select the next or previous Voice.

To select a specific Voice:

While holding down [PIANO/VOICE], press one of the C1–A1 keys. For details on which Voice is assigned to each key, see the list below.



NOTE

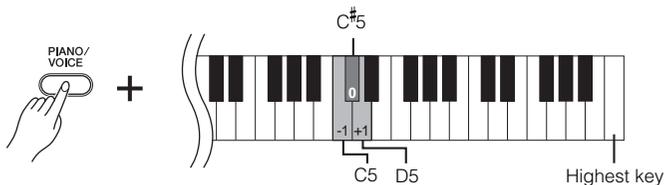
To hear the characteristics of the Voices, play back the Demo Songs (page 16).

Voice List

Key	Voice Name	Description
C1	Grand Piano 1	Recorded samples from a concert grand piano. Perfect for classical compositions.
C#1	Grand Piano 2	Spacious and clear piano with bright reverb. Good for popular music.
D1	E.Piano 1	Created by FM synthesis. Good for popular music.
D#1	E.Piano 2	Using hammer-struck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard.
E1	Harpsichord 1	The definitive instrument for baroque music. Since the strings of a harpsichord are plucked, there is no touch response.
F1	Harpsichord 2	Mixes the same Voice an octave higher for a more brilliant tone.
F#1	Vibraphone	Played with relatively soft mallets.
G1	Pipe Organ 1	This is a typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period.
G#1	Pipe Organ 2	This is the organ's full coupler sound, often associated with Bach's "Toccatina and Fugue."
A1	Strings	Spacious and large-scale string ensemble. Try combining this Voice with Piano in Dual mode (page 19).

To shift the Octave:

While holding down [PIANO/VOICE], press one of the C5–D5 keys.



Listening to the Demo Songs

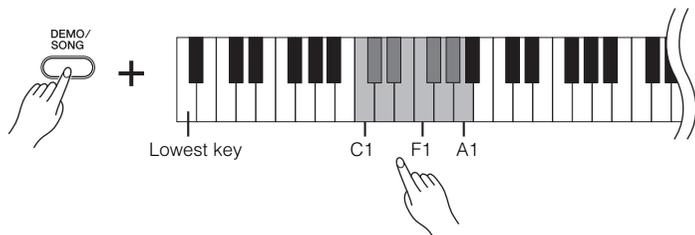
Demo Songs are provided for each of the Voices such as Piano and Organ.

1 Press [DEMO/SONG] to start playback.

The [PLAY] lamp lights up, and the Demo Song for the current Voice starts. Playback will continue in the sequence: Demo Songs for other Voices, then 50 Preset Songs (page 20). After that, the sequence returns to the first Demo Song then repeats.

To change the Demo Song during playback:

Press the [+ R] or [- L] to change to the next or previous Demo Song. To change to a specific Demo Song, press and hold down the [DEMO/SONG], then press one of the C1 - A1 keys.



NOTE

If you want to change the playback tempo, see page 13.

2 Press [DEMO/SONG] or [PLAY] to stop playback.

The [PLAY] lamp turns off.

Demo Song List

Key	Voice Name	Title	Composer
C1	Grand Piano 1	Salut d'amour, op.12	E. Elgar
C#1	Grand Piano 2	Original	Original
D1	E.Piano 1	Original	Original
D#1	E.Piano 2	Original	Original
E1	Harpsichord 1	Concerto a cembalo obbligato, 2 violini, viola e continuo No.7, BWV.1058	J.S.Bach
F1	Harpsichord 2	Gigue, Französische Suiten Nr.5, BWV.816	J.S.Bach
F#1	Vibraphone	Original	Original
G1	Pipe Organ 1	Herr Christ, der ein'ge Gottes-Sohn, BWV.601	J.S.Bach
G#1	Pipe Organ 2	Trionsonate Nr.6, BWV.530	J.S.Bach
A1	Strings	Original	Original

The Demo Songs excluding original Songs are short rearranged excerpts from the original compositions. The original Demo Songs are Yamaha originals (©2011 Yamaha Corporation).

Adding Variations to the Sound (Reverb)

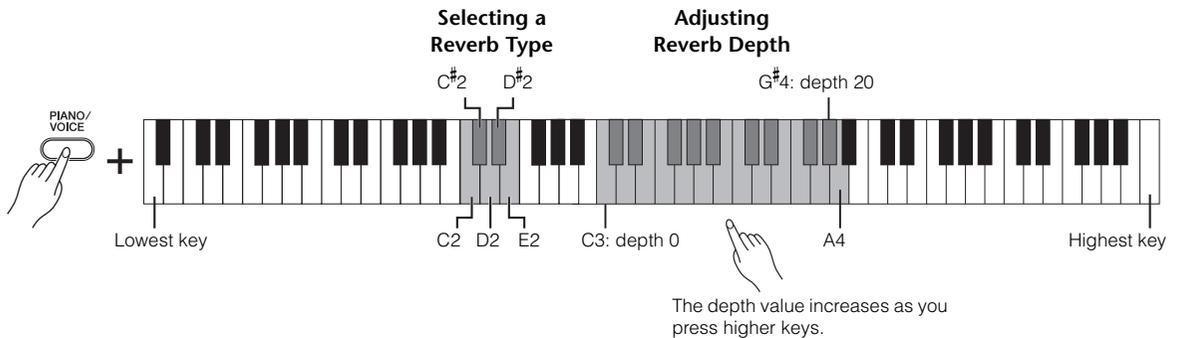
This instrument features several Reverb Types that add extra depth and expression to the sound to create a realistic acoustic ambience. The appropriate Reverb Type and Depth are called up automatically when you select each of the Voices and Songs. This is why the Reverb Type need not be selected; however, you can change it if desired.

To select a Reverb Type:

While holding down [PIANO/VOICE], press one of the C2–E2 keys.

NOTE

In Dual mode, the Reverb Type of Voice 1 is called up. If off is assigned to Voice 1, the Reverb Type of Voice 2 is called up.



Reverb Type List

Key	Reverb Type	Description
C2	Room	Adds a continuous reverb effect to the sound, similar to the acoustic reverberation you would hear in a room.
C#2	Hall1	For a "bigger" reverb sound, use the Hall1 setting. This effect simulates the natural reverberation of a small-size concert hall.
D2	Hall2	For a truly spacious reverb sound, use the Hall2 setting. This effect simulates the natural reverberation of a large concert hall.
D#2	Stage	Simulates the reverb of a stage environment.
E2	Off	No effect is applied.

To adjust Reverb Depth:

While holding down [PIANO/VOICE], press one of the C3–G#4 keys. The Depth value increases as you press higher keys.

While holding down [PIANO/VOICE], press the A4 key to set the Reverb Depth to the most suitable value for the current Voice.

Reverb depth range:

0 (no effect) - 20 (maximum depth)

Transposing the Pitch in Semitones

You can shift the pitch of the entire keyboard up or down in semitones to facilitate playing in difficult key signatures and match the pitch of the keyboard to the range of a singer or other instruments. For example, if “+5” is selected, playing key C produces pitch F, letting you play a song of F major as though it were in C major.

To transpose the pitch down:

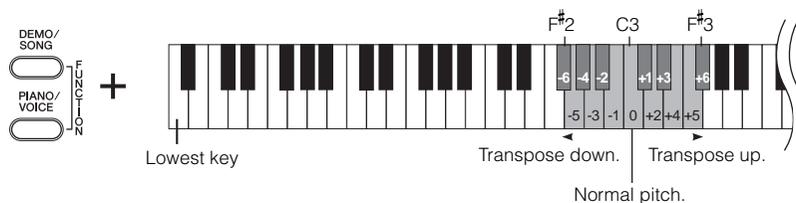
While holding down [DEMO/SONG] and [PIANO/VOICE], press a key between F#2 (-6) and B2 (-1).

To transpose the pitch up:

While holding down [DEMO/SONG] and [PIANO/VOICE], press a key between C#3 (+1) and F#3 (+6).

To restore the normal pitch:

While holding down [DEMO/SONG] and [PIANO/VOICE], press the C3 key.

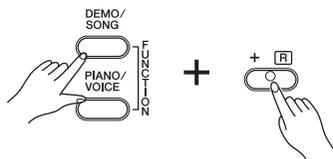


Fine tuning the Pitch

You can fine tune the pitch of the entire instrument in about 0.2 Hz steps. This lets you match the keyboard pitch finely to that of other instruments or CD music.

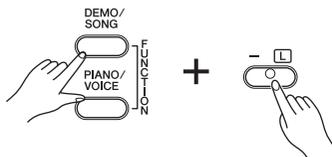
To tune up (in about 0.2 Hz steps):

Press and hold down the [DEMO/SONG] and [PIANO/VOICE] simultaneously, and press [+ R].



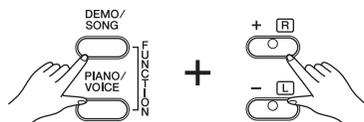
To tune down (in about 0.2 Hz steps):

Press and hold down the [DEMO/SONG] and [PIANO/VOICE] simultaneously, and press [- L].



To restore default pitch:

Press and hold down the [DEMO/SONG] and [PIANO/VOICE] simultaneously, and press [+ R] and [- L] simultaneously.



Hz (Hertz):

This unit of measurement refers to the frequency of a sound and represents the number of times a sound wave vibrates in a second.

Setting range:

427.0 – 453.0 Hz

Default Setting:

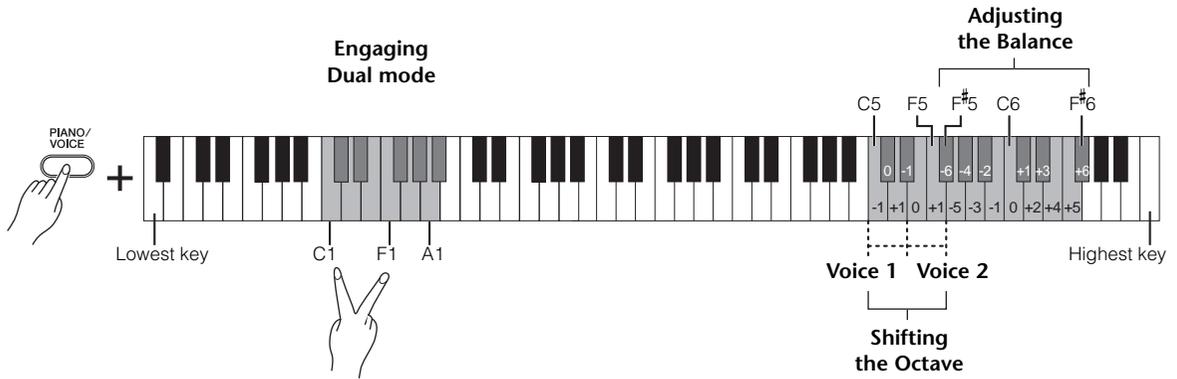
440.0 Hz

Layering Two Voices (Dual mode)

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

1 Engage Dual mode.

While holding down [PIANO/VOICE], simultaneously hold down two keys between C1 and A1 to select the two desired Voices. For information what Voices are assigned to the keys, refer to "Voice List" (page 15).



The Voice assigned to the lower key will be designated as Voice 1, and the Voice assigned to the higher key will be designated as Voice 2. You cannot assign the same Voice to Voice 1 and Voice 2 simultaneously in Dual mode.

To shift the Octave for each Voice:

While holding down [PIANO/VOICE], press one of the C5-F5 keys.

To adjust the Balance between two Voices:

While holding down [PIANO/VOICE], press one of the F#5-F#6 keys.

A setting of "0" produces an equal balance between two Voices. Settings below "0" increase the volume of Voice 2 while settings above "0" increase the volume of Voice 1, in relation to the other.

2 To exit from Dual mode, press [PIANO/VOICE].

Song Playback and Practice

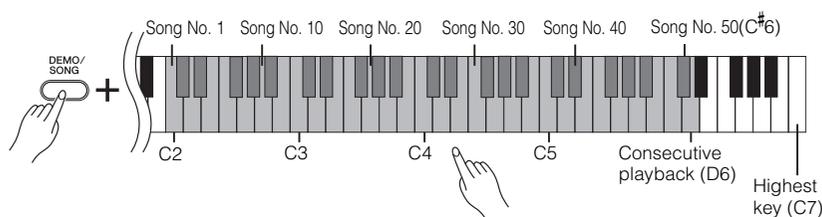
■ Listening to 50 Preset Songs

In addition to the Demo Songs, Preset Songs are provided for your listening pleasure.

1 Find the number of the Song that you want to play back from the included “50 greats for the Piano.”

The number of each piano Preset Song is assigned to the C2–C#6 keys.

2 While holding down [DEMO/SONG], press one of the C2–C#6 keys to start playback.



The [PLAY], [+ R] and [- L] lamps light, and playback continues the sequence: other Preset Songs then Demo Songs. After that, the sequence returns to the first Preset Song then repeats.

To play only the Preset Songs consecutively:

While holding down [DEMO/SONG], press the D6 key.

To change the Preset Song during playback:

Press [+ R] or [- L] to change to the next or previous Preset Song.

NOTE

You can play the keyboard along with the preset Song. You can also change the Voice playing on the keyboard.

NOTE

For instructions on changing the playback tempo, see page 13.

NOTE

You can import additional Songs by loading SMF files from a computer. Refer to the Computer-related Operations manual.

3 Press [DEMO/SONG] or [PLAY] to stop playback.

The [PLAY], [+ R] and [- L] lamps turn off.

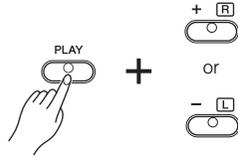
Practicing a One-Hand Part

All the Songs except for the Demo (page 16) let you turn on or off the Left-hand and Right-hand Parts individually. By turning off [+ R], for example, you can practice the Right-hand Part while the Left-hand Part is playing back, and vice versa.

1 Select a Preset Song (page 20) or the User Song (page 22).

2 While holding down [PLAY], press [+ R] or [- L] to turn the Part on/off.

Pressing the same button repeatedly while holding down [PLAY] toggles playback on and off.



3 Practice the Part which is turned off.

To change the Tempo:

If desired, you can change the tempo for your practice convenience. For details, refer to page 13.

4 Press [PLAY] to stop playback.

NOTE

Selecting another Song cancels the on/off status of the Parts.

Recording Your Performance

This instrument lets you record your keyboard performance as a User Song. Up to two Parts (Left-hand and Right-hand) can be recorded separately.

Recording Your Performance

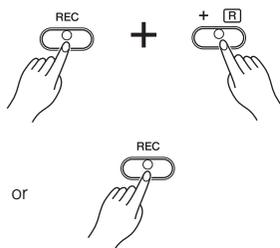
1 Select the desired Voice and other parameters, such as beat, for recording.

For instructions on selecting a Voice, refer to page 15. If necessary, set other parameters, such as beat and effects, in this step.

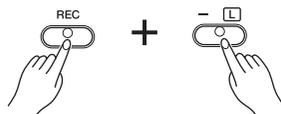
2 While holding down [REC], press [+ R] or [- L] to engage Record Ready mode for the Part you want to record.

If you do not intend to record right- and left-hand Parts separately, record the entire performance to either Part.

Recording the right-hand Part ([+ R])



Recording the left-hand Part ([- L])



After a while, the [REC] lamp and the selected Part lamp will flash at the current tempo.

To exit from Record Ready mode:

Press only the [REC].

If data has already been recorded to the other Part:

The data in this Part will be played back while recording. This Part can be turned off or on by holding down [PLAY] then pressing this Part button.

3 Play the keyboard or press [PLAY] to start recording.

The [REC] lamp lights up while the Recording Part lamp flashes at the current tempo.

4 Press either [REC] or [PLAY] to stop recording.

The [REC], [PLAY], [+ R] and [- L] lamps flash, indicating that the recorded data is being stored. After the Save operation is completed, the lamps will turn off, indicating that the Record operation has been completed.

NOTE

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

NOTICE

If a Part contains data, the Part lamp lights. Note that the Recording operation will replace already-recorded data with the new data.

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 [PLAY] to start playback.
Press [PLAY] again to stop playback.

**NOTE**

The recorded Song data can be saved to computer as a Standard MIDI file (SMF). For instructions, refer to the Computer-related Operations manual.

Changing the Initial Settings of the Recorded Song

The settings of the following parameters at the Song beginning can be changed after the Record operation is completed.

- For individual Parts: Voice, Dual Voices, Reverb depth, Damper/Soft Pedal depth
- For the entire Song: Tempo, Reverb Type

- 1** Make the settings of the above parameters.
- 2** While holding down [REC], press the desired Part button to engage Record Ready mode.
In this status, do not press [PLAY] again or any key. Otherwise, the originally recorded performance data will be deleted.
- 3** Press [REC] again to exit from Record Ready mode.

Deleting Recorded Data

To delete the entire Song:

- 1** Press [REC] to engage Record Ready mode.
The [REC] and [+ R] lamps flash.
- 2** While holding down [PLAY], press [REC].
The [REC], [PLAY], [+ R] and [- L] lamps flash.
To exit from this status, press any other button such as [DEMO/SONG].
- 3** Press [REC], [PLAY], [+ R] or [- L] to delete the data of the entire Song.
After the operation is completed, all lamps turn off.

To delete a specific Part:

- 1** While holding down [REC], press [+ R] or [- L] for the Part you want to delete to engage Record Ready mode.
The [REC] and the selected Part ([+ R] or [- L]) lamps flash.
- 2** Press [PLAY] to start recording without playing the keyboard.
The selected Part ([+ R] or [- L]) lamp flashes.
- 3** Press [REC] or [PLAY] to stop recording.
All data recorded for the selected Part will be deleted, and the lamp turns off.

Data Maintained When Power is Turned Off

The following settings and data are maintained even if you turn the power off.

- Metronome Volume
- Metronome Beat
- Touch Sensitivity
- Tuning
- User Song data
- Song data loaded from a computer

Backup file

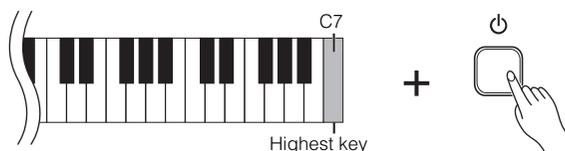
Among the items listed above, data other than User Song data and Song data loaded from a computer can be transferred to a computer and saved as a Backup file (YDP-C71.BUP). Although you cannot use or edit this file on a computer, you can return it to this instrument to recall the settings again. Likewise, the User Song data can be transferred to a computer and saved as an SMF file, and vice versa.

For instructions on transferring a Backup file to a computer, refer to the Computer-related Operation manual.

Initializing the Settings

With this operation, all data (with the exception of the Songs loaded from a computer) will be reset to the factory default settings.

To do this, simultaneously hold down the C7 (the highest) key and turn on the power.



NOTICE

Never turn off the power while the Initialize operation is being executed (that is, while the [REC] and [PLAY] lamps are flashing).

NOTE

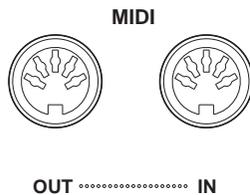
If this instrument somehow becomes disabled or malfunctions, turn off the power then execute Initialization.

Using the MIDI terminals

What's MIDI ?

MIDI is an acronym that stands for Musical Instrument Digital Interface, a technology that allows electronic musical instruments to communicate with each other, by sending and receiving performance information.

Connecting MIDI-compatible musical instruments via MIDI cables enables you transfer the performance and setting data—MIDI data—between multiple musical instruments. Using MIDI, you can also achieve more advanced performances than using just a single musical instrument.



NOTE

MIDI data that can be handled varies depending on the instrument. For details, see the MIDI Implementation Chart in the "MIDI Reference."

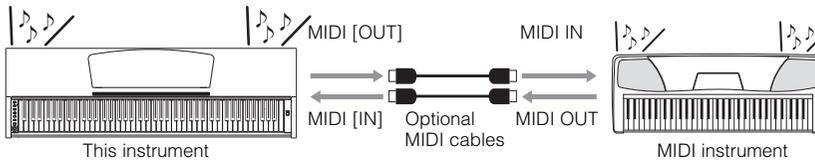
NOTE

You need a dedicated MIDI cable (optional) to make a MIDI connection. You can purchase MIDI cables at musical instrument stores.

What You Can Do With MIDI

Controlling another keyboard, and vice versa

When making the connections shown below, you can play one of the keyboards and control the tone generator of the other instrument.



NOTE

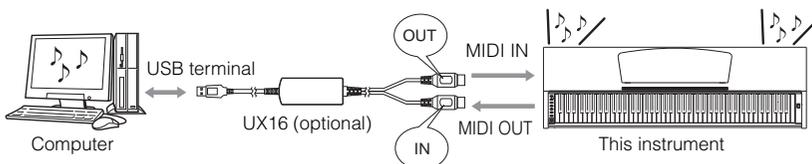
No MIDI data of any of the Songs is transmitted during playback.

NOTE

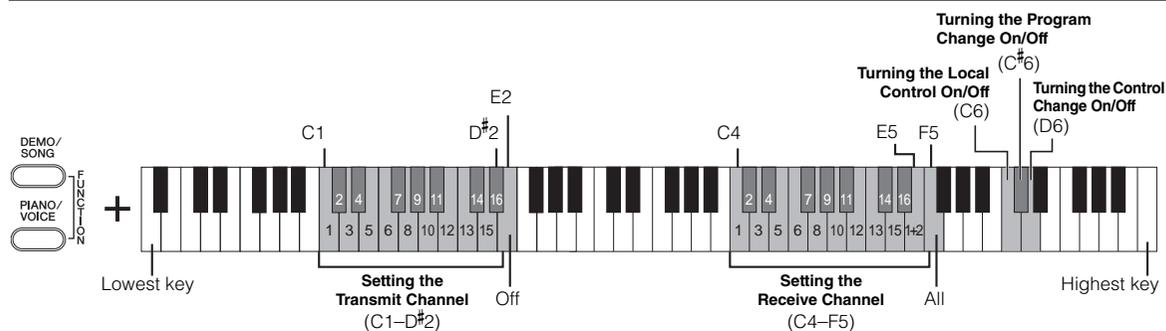
The panel settings of this instrument are not affected by any received MIDI message.

Transferring MIDI data to and from a computer

This instrument can be connected to a computer as shown below. Song data (SMF) on the computer can be transferred and played back on this instrument. Conversely, the recorded User Song (as SMF) and Backup file (page 24) can be transferred to the computer. For more information, refer to the Computer-related Operations manual.



MIDI Functions



MIDI Transmit/Receive Channel

When connecting MIDI instruments, make sure to match the MIDI channels on the instruments. If the Receive Channel is set to “4” on the external MIDI instrument, for example, you should set the Transmit Channel of this instrument to “4.”

To set the Transmit Channel:

While holding down [DEMO/SONG] and [PIANO/VOICE] simultaneously, press one of the C1–E2 keys.

To set the Receive Channel:

While holding down [DEMO/SONG] and [PIANO/VOICE] simultaneously, press one of the C4–F5 keys.

NOTE

Default settings:

- Transmit Channel
Voice 1: Ch1
- Receive Channel
All (Ch1 - Ch16; all channels)

About the value

- When the Transmit Channel is set to off, no MIDI data is transmitted even if you play the keyboard.
- When the Receive Channel is set to all, this instrument receives MIDI data over all channels, such as with multi-channel SMF data.
- When the Receive Channel is set to 1+2, this instrument receives MIDI data over channels 1 and 2, such as with Piano Song data.

Transmit Channel in Dual

While the Voice 1 Part is transmitted over the specified Channel, the Voice 2 Part is transmitted over the next highest Channel.

Local Control On/Off

Normally, playing the keyboard will control the internal tone generator. This situation is “Local Control On.” If you want to use the keyboard only for controlling an external MIDI instrument, turn off Local Control. With this setting, no sound of this instrument will be produced even if you play the keyboard.

To turn the Local Control On or Off:

While holding down [DEMO/SONG] and [PIANO/VOICE] simultaneously, press the C6 key once to change the setting.

Program Change On/Off

Normally on this instrument, selecting a Voice on the panel transmits the corresponding Program Change over the specified Transmit Channel. Likewise, receiving a Program Change message changes the Voice number according to the Receive Channel setting, without affecting the panel settings. This status can be changed via the following operation.

To turn Program Change On or Off

While holding down [DEMO/SONG] and [PIANO/VOICE] simultaneously, press the C[#]6 key once to change the setting.

NOTE

For information on the Program Change number for each Voice, refer to the “MIDI Reference.”

Control Change On/Off

Normally on this instrument, pressing a Pedal or setting the Reverb Depth transmits the corresponding Control Change over the specified Transmit Channel. Likewise, receiving the Control Change message will affect the performance expression according to the Receive Channel setting, without affecting the panel settings. This status can be changed via the following operation.

To turn Control Change On or Off

While holding down [DEMO/SONG] and [PIANO/VOICE] simultaneously, press the D6 key repeatedly.

NOTE

For information on the Control Change messages which can be handled in this instrument, refer to the “MIDI Reference.”

Troubleshooting

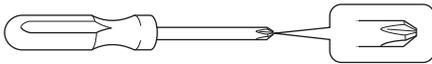
Problem	Possible Cause and Solution
The instrument does not turn on.	The instrument has not been plugged in properly. Insert the plug of the power cable into the [AC IN] jack on this instrument, then plug the other end of the cable into the proper AC outlet on the wall (page 10).
A click or pop is heard when the power is turned on or off.	This is normal when electrical current is being applied to the instrument.
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 this instrument. Turn off the mobile phone, or move it further away from this instrument.
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] knob (page 12).
	Make sure a pair of headphones is not connected to the headphones jack (page 11).
	Make sure that Local Control (page 26) is On.
Pedals do not function.	The pedal cord may not be securely connected to the [PEDAL] jack. Be sure to insert the pedal cord all the way until the metal part of the cord plug disappears from view (page 30).
The damper pedal does not function as expected.	The damper pedal was pressed when the power was turned on. This is not a malfunction; release the pedal and press it again to reset the function.

Keyboard Stand Assembly

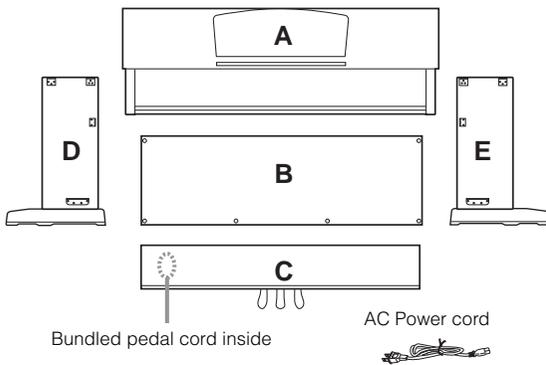
⚠ CAUTION

- Be careful not to confuse parts, and be sure to install all parts in the correct direction. Please assemble in accordance with the sequence given below.
- Assembly should be carried out by at least two persons.
- Assemble the unit on a hard and flat floor with ample space.
- Be sure to use the correct screw size, as indicated below. Use of incorrect screws can cause damage.
- Be sure to tighten up all screws upon completing assembly of each unit.
- To disassemble, reverse the assembly sequence given below.

Have a Phillips-head (+) screwdriver of the appropriate size ready.



Remove all parts from the package and make sure you have all of the items.



Bundled pedal cord inside

AC Power cord

Assembly Parts

① 6 × 20 mm long screws × 4



④ 4 × 20 mm tapping screws × 4



② 6 × 16 mm short screws × 4



⑤ Cord holders × 2



③ 4 × 12 mm thin screws × 2



Headphone hanger set

⑥ 4 × 10 mm thin screws × 2

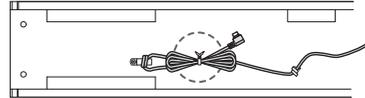


Headphone hanger



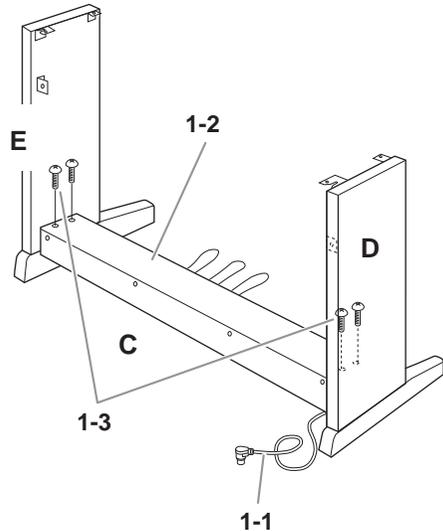
1 Attach (finger-tighten) C to D and E.

1-1 Untie and straighten out the bundled pedal cord. Don't discard the vinyl tie. You will need it later in step 6.



1-2 Align D and E with each end of C.

1-3 Attach D and E to C by finger-tightening the long screws ① (6 × 20mm).



2 Attach B.

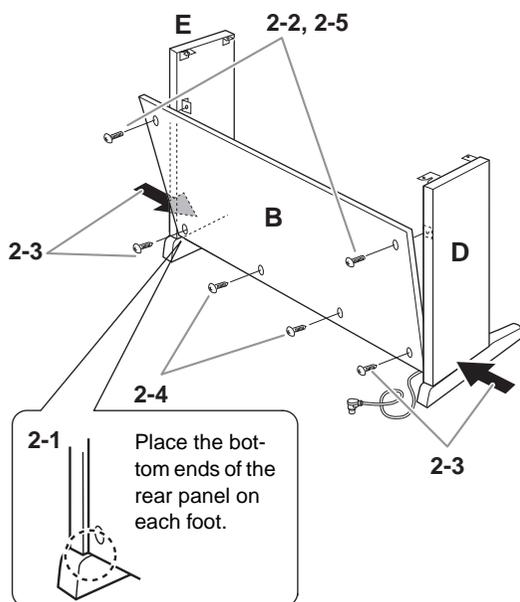
2-1 Place the lower side of B on each foot of D and E, then attach the upper side to D and E.

2-2 Attach the top of B to D and E by finger-tightening the thin screws ③ (4 × 12mm).

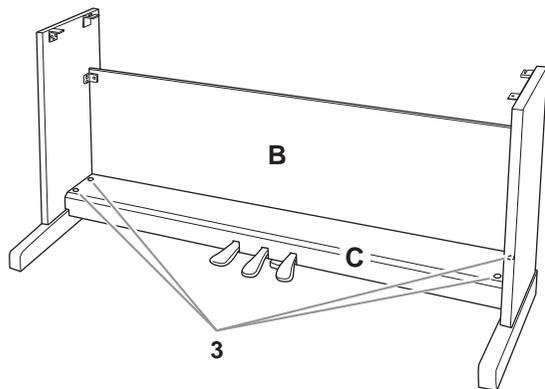
2-3 While pushing the lower part of D and E from outside, secure the bottom ends of B using two tapping screws ④ (4 × 20mm).

2-4 Insert the other two tapping screws ④ (4 × 20mm) into the other two screw holes to secure B.

- 2-5** Securely tighten the screws on the top of B that were attached in Step 2-2.

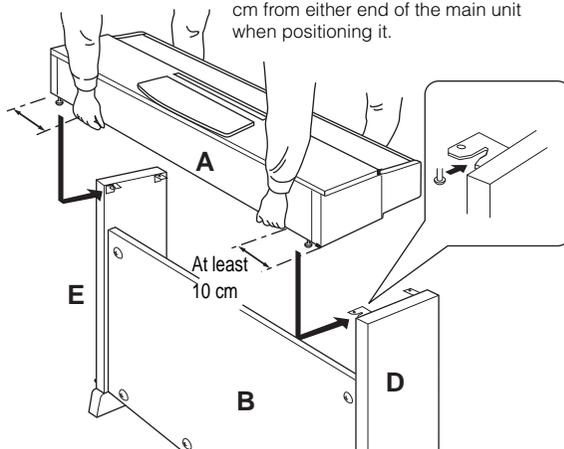


- 3** Securely tighten the screws on C that were attached in Step 1-3.



4 Mount A.

Be sure to place your hands at least 10 cm from either end of the main unit when positioning it.

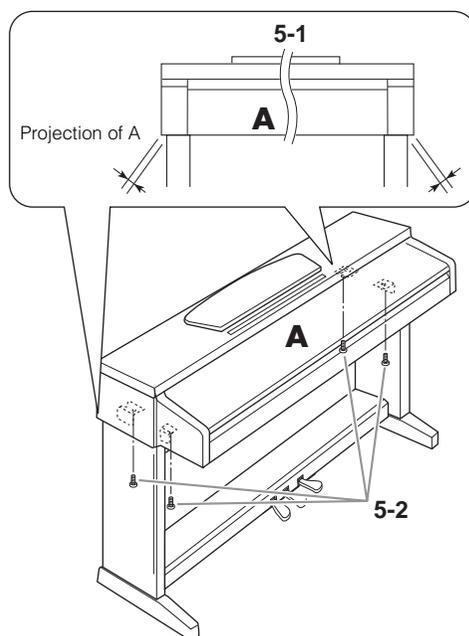


⚠ CAUTION

- Fingers can become pinched between the main unit and the rear or side panels, be extra careful so as not to drop the main unit.
- Do not hold the keyboard in any position other than the position shown in the illustration.

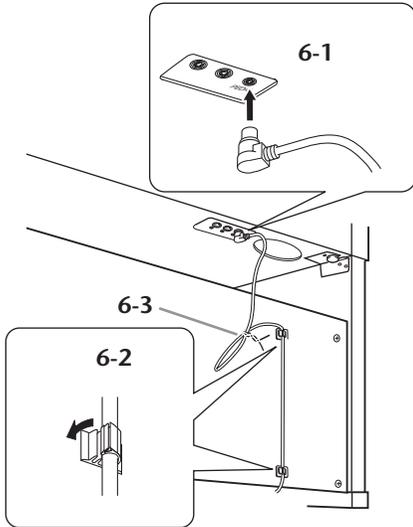
5 Secure A.

- 5-1** Adjust the position of A so that the left and right ends of A will project beyond D and E equally when seen from the front.
- 5-2** Secure A by tightening the short screws ② (6 × 16 mm) from the front.

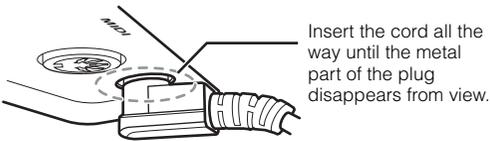


6 Connect the pedal cord.

- 6-1 Insert the pedal cord plug to the [PEDAL] jack from the rear.
- 6-2 Attach the cord holders to the rear panel as shown, then clip the cord into the holders.
- 6-3 Use a vinyl tie to take up any slack in the pedal cord.

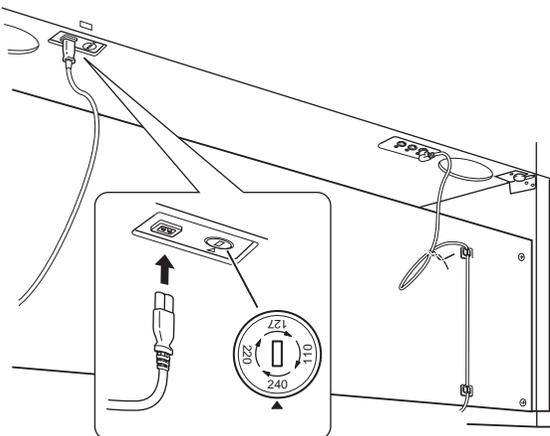


Insert the pedal cord securely until the metal part of the cord plug disappears from view. Otherwise, the pedal may not function properly.



7 Connect the power cord to the unit.

- 7-1 Set the voltage selector (for models that feature a voltage selector).



Voltage Selector

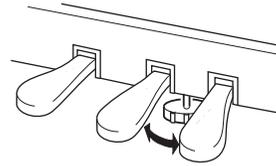
Before connecting the AC power cord, check the setting of the voltage selector which is provided in some areas. To set the selector for 110V, 127V, 220V or 240V main voltages, use a "minus" screwdriver to rotate the selector dial so that the correct voltage for your region appears next to the pointer on the panel. The voltage selector is set at 240V when the unit is initially shipped. After the proper voltage has been selected, connect the AC power cord to the [AC IN] jack and an AC wall outlet. A plug adaptor may be also provided in some areas to match the pin configuration of the AC wall outlets in your area.

- 7-2 Connect the plug on the power cord to the rear panel connector.

⚠ WARNING

An improper voltage setting can cause serious damage to this instrument or result in improper operation.

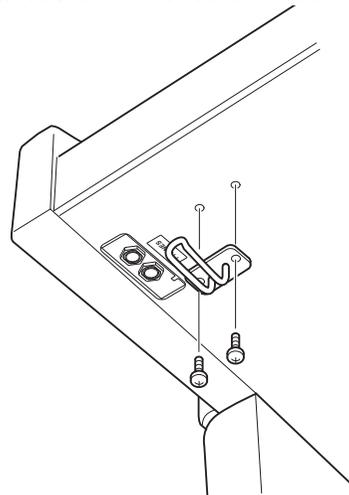
8 Set the adjuster.



Rotate the adjuster until it comes in firm contact with the floor surface.

9 Attach the headphone hanger.

Use the included two screws (4 × 10mm) to attach the hanger as shown in the illustration below.



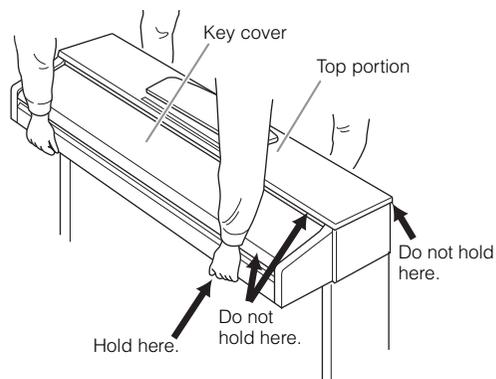
After completing the assembly, please check the following.

- **Are there any parts left over?**
→ Review the assembly procedure and correct any errors.
- **Is this instrument clear of doors and other movable fixtures?**
→ Move the instrument to an appropriate location.
- **Does this instrument make a rattling noise when you shake it?**
→ Tighten all screws.
- **Does the pedal box rattle or give way when you step on the pedals?**
→ Turn the adjuster so that it is set firmly against the floor.
- **Are the pedal and power cords inserted securely into the sockets?**
→ Check the connection.
- **If the main unit creaks or is otherwise unsteady when you play on the keyboard, refer to the assembly diagrams and retighten all screws.**

When moving the instrument after assembly, always hold the bottom of the main unit.

⚠ CAUTION

Do not hold the key cover or top portion. Improper handling can result in damage to the instrument or personal injury.



Specifications

Size/Weight	Width		1388 mm [54-5/8"]
	Height (with music rest)		822 mm [32-3/8"] (974 mm [38-3/8"])
	Depth		424 mm [16-11/16"]
	Weight		44 kg (97 lbs.)
Control Interface	Keyboard	Number of Keys	88
		Type	GH(Graded Hammer) keyboard
		Touch Sensitivity	Hard/Medium/Soft/Fixed
	Pedal	Number of Pedals	3
		Half Pedal	Yes
		Functions	Damper , Sostenuto, Soft
Panel	Language	English	
Cabine	Key Cover		Sliding
	Music Rest		Yes
Voices	Tone Generation	Tone Generating Technology	AWM Dynamic Stereo Sampling
	Polyphony	Number of Polyphony (Max.)	128
	Preset	Number of Voices	10
Effects	Types	Reverb	Yes
		Damper Resonance	Yes
	Part	Dual	Yes
Songs	Preset	Number of Preset Songs	10 Demo Songs, 50 Preset Songs
	Recording	Number of Songs	1
		Number of Tracks	2
		Recording Capacity	1 Song (100KB; approx. 11,000 notes)
		Recording Function	Yes
	Compatible Data Format	Playback	Standard MIDI File (SMF) Format 0 & 1
Recording		Standard MIDI File (SMF) Format 0	
Functions	Overall Controls	Metronome	Yes
		Tempo Range	32 - 280
		Transpose	-6 - 0 - +6
		Tuning	Yes
Storage and Connectivity	Storage	Internal Memory	User song : One song 100KB Loading song data from a computer : Up to 10 songs; Total maximum size 845KB
	Connectivity	Headphones	2
		MIDI	IN/OUT
Amplifiers and Speakers	Amplifiers		20W×2
	Speakers		Oval (12 cm × 6 cm) × 2
Accessories			Owner's Manual, 50 greats for the Piano (Music Book), Quick Operation Guide, Bench (included or optional depending on locale), Online Member Product Registration, AC Power Cord
Options (may not be available depending on your particular area)			BC-100 bench, UX16 USB-MIDI interface, HPE-150 headphones

* Specifications and descriptions in this owner's manual are for information purposes only. Yamaha Corp. reserves the right to change or modify products or specifications at any time without prior notice. Since specifications, equipment or options may not be the same in every locale, please check with your Yamaha dealer.

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IMPORTANT NOTICE FOR THE UNITED KINGDOM

Connecting the Plug and Cord

IMPORTANT. The wires in this mains lead are coloured in accordance with the following code:

BLUE : NEUTRAL

BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.

(2 wires)

The name plate of this product may be found on the bottom of the unit. The serial number of this product may be found on or near the name plate. 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.

(bottom)

Das Typenschild dieses Produkts befindet sich an der Unterseite des Geräts. Die Seriennummer dieses Produkts befindet sich auf dem Typenschild oder in der Nähe davon. Sie sollten diese Seriennummer an der unten vorgesehenen Stelle eintragen und dieses Handbuch als dauerhaften Beleg für Ihren Kauf aufbewahren, um im Fall eines Diebstahls die Identifikation zu erleichtern.

Modell Nr.

Seriennr.

(bottom)

La plaque signalétique de ce produit se trouve dans le bas de l'unité. Le numéro de série de ce produit se trouve sur ou près de la plaque signalétique. Notez-le dans l'espace fourni ci-dessous et conservez ce manuel en tant que preuve permanente de votre achat afin de faciliter l'identification du produit en cas de vol.

N° de modèle

N° de série

(bottom)

La placa de identificación de este producto se encuentra en la parte inferior de la unidad. El número de serie de este producto se encuentra en la placa de identificación o cerca de ella. Debe anotar dicho número en el espacio proporcionado a continuación y conservar este manual como comprobante permanente de su compra para facilitar la identificación en caso de robo.

Nº de modelo

Nº de serie

(bottom)

Information for Users on Collection and Disposal of Old Equipment



This symbol on the products, packaging, and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC.

By disposing of these products correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

[For business users in the European Union]

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]

This symbol is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

(weee_eu)

Verbraucherinformation zur Sammlung und Entsorgung alter Elektrogeräte



Befindet sich dieses Symbol auf den Produkten, der Verpackung und/oder beiliegenden Unterlagen, so sollten benutzte elektrische Geräte nicht mit dem normalen Haushaltsabfall entsorgt werden.

In Übereinstimmung mit Ihren nationalen Bestimmungen und den Richtlinien 2002/96/EC bringen Sie alte Geräte bitte zur fachgerechten Entsorgung, Wiederaufbereitung und Wiederverwendung zu den entsprechenden Sammelstellen.

Durch die fachgerechte Entsorgung der Elektrogeräte helfen Sie, wertvolle Ressourcen zu schützen, und verhindern mögliche negative Auswirkungen auf die menschliche Gesundheit und die Umwelt, die andernfalls durch unsachgerechte Müllentsorgung auftreten könnten.

Für weitere Informationen zum Sammeln und Wiederaufbereiten alter Elektrogeräte kontaktieren Sie bitte Ihre örtliche Stadt- oder Gemeindeverwaltung, Ihren Abfallentsorgungsdienst oder die Verkaufsstelle der Artikel.

[Information für geschäftliche Anwender in der Europäischen Union]

Wenn Sie Elektrogeräte ausrangieren möchten, kontaktieren Sie bitte Ihren Händler oder Zulieferer für weitere Informationen.

[Entsorgungsinformation für Länder außerhalb der Europäischen Union]

Dieses Symbol gilt nur innerhalb der Europäischen Union. Wenn Sie solche Artikel ausrangieren möchten, kontaktieren Sie bitte Ihre örtlichen Behörden oder Ihren Händler und fragen Sie nach der sachgerechten Entsorgungsmethode.

(weee_eu)

Information concernant la Collecte et le Traitement des déchets d'équipements électriques et électroniques.



Le symbole sur les produits, l'emballage et/ou les documents joints signifie que les produits électriques ou électroniques usagés ne doivent pas être mélangés avec les déchets domestiques habituels.

Pour un traitement, une récupération et un recyclage appropriés des déchets d'équipements électriques et électroniques, veuillez les déposer aux points de collecte prévus à cet effet, conformément à la réglementation nationale et aux Directives 2002/96/EC.

En vous débarrassant correctement des déchets d'équipements électriques et électroniques, vous contribuerez à la sauvegarde de précieuses ressources et à la prévention de potentiels effets négatifs sur la santé humaine qui pourraient advenir lors d'un traitement inapproprié des déchets.

Pour plus d'informations à propos de la collecte et du recyclage des déchets d'équipements électriques et électroniques, veuillez contacter votre municipalité, votre service de traitement des déchets ou le point de vente où vous avez acheté les produits.

[Pour les professionnels dans l'Union Européenne]

Si vous souhaitez vous débarrasser des déchets d'équipements électriques et électroniques veuillez contacter votre vendeur ou fournisseur pour plus d'informations.

[Information sur le traitement dans d'autres pays en dehors de l'Union Européenne]

Ce symbole est seulement valable dans l'Union Européenne. Si vous souhaitez vous débarrasser de déchets d'équipements électriques et électroniques, veuillez contacter les autorités locales ou votre fournisseur et demander la méthode de traitement appropriée.

(weee_eu)

Información para Usuarios sobre Recolección y Disposición de Equipamiento Viejo



Este símbolo en los productos, embalaje, y/o documentación que se acompañe significa que los productos electrónicos y eléctricos usados no deben ser mezclados con desechos hogareños corrientes.

Para el tratamiento, recuperación y reciclado apropiado de los productos viejos, por favor lívelos a puntos de recolección aplicables, de acuerdo a su legislación nacional y las directivas 2002/96/EC.

Al disponer de estos productos correctamente, ayudará a ahorrar recursos valiosos y a prevenir cualquier potencial efecto negativo sobre la salud humana y el medio ambiente, el cual podría surgir de un inapropiado manejo de los desechos.

Para mayor información sobre recolección y reciclado de productos viejos, por favor contacte a su municipio local, su servicio de gestión de residuos o el punto de venta en el cual usted adquirió los artículos.

[Para usuarios de negocios en la Unión Europea]

Si usted desea deshacerse de equipamiento eléctrico y electrónico, por favor contacte a su vendedor o proveedor para mayor información.

[Información sobre la Disposición en otros países fuera de la Unión Europea]

Este símbolo sólo es válidos en la Unión Europea. Si desea deshacerse de estos artículos, por favor contacte a sus autoridades locales y pregunte por el método correcto de disposición.

(weee_eu)

Important Notice: Guarantee Information for customers in European Economic Area (EEA) and Switzerland

English
<p>Important Notice: Guarantee Information for customers in EEA* and Switzerland For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please visit the website address below (Printable file is available at our website) or contact the Yamaha representative office for your country. * EEA: European Economic Area</p>
Deutsch
<p>Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz Für nähere Garantie-Information über dieses Produkt von Yamaha, sowie über den Pan-EWR*- und Schweizer Garantieservice, besuchen Sie bitte entweder die folgende angegebene Internetadresse (eine druckfähige Version befindet sich auch auf unserer Webseite), oder wenden Sie sich an den für Ihr Land zuständigen Yamaha-Vertrieb. *EWR: Europäischer Wirtschaftsraum</p>
Français
<p>Remarque importante: Informations de garantie pour les clients de l'EEE* et la Suisse Pour des informations plus détaillées sur la garantie de ce produit Yamaha et sur le service de garantie applicable dans l'ensemble de l'EEE ainsi qu'en Suisse, consultez notre site Web à l'adresse ci-dessous (le fichier imprimable est disponible sur notre site Web) ou contactez directement Yamaha dans votre pays de résidence. * EEE : Espace Economique Européen</p>
Nederlands
<p>Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland Voor gedetailleerde garantie-informatie over dit Yamaha-product en de garantieservice in heel de EER* en Zwitserland, gaat u naar de onderstaande website (u vindt een afdrukbaar bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land. * EER: Europese Economische Ruimte</p>
Español
<p>Aviso importante: Información sobre la garantía para los clientes del EEE* y Suiza Para una información detallada sobre este producto Yamaha y sobre el soporte de garantía en la zona EEE* y Suiza, visite la dirección web que se incluye más abajo (la versión del archivo para imprimir está disponible en nuestro sitio web) o póngase en contacto con el representante de Yamaha en su país. * EEE: Espacio Económico Europeo</p>
Italiano
<p>Avviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera Per informazioni dettagliate sulla garanzia relativa a questo prodotto Yamaha e l'assistenza in garanzia nei paesi EEA* e in Svizzera, potete consultare il sito Web all'indirizzo riportato di seguito (è disponibile il file in formato stampabile) oppure contattate l'ufficio di rappresentanza locale della Yamaha. * EEA: Area Economica Europea</p>
Portugués
<p>Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça Para obter uma informação pormenorizada sobre este produto da Yamaha e sobre o serviço de garantia na AEE* e na Suíça, visite o site a seguir (o arquivo para impressão está disponível no nosso site) ou entre em contato com o escritório de representação da Yamaha no seu país. * AEE: Área Económica Europeia</p>
Ελληνικά
<p>Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελβετία Για λεπτομερείς πληροφορίες εγγύησης σχετικά με το προϊόν της Yamaha και την κάλυψη εγγύησης σε όλο το χώρο του ΕΟΧ* και την Ελβετία, επισκεφτείτε την παρακάτω ιστοσελίδα (Εκτυπώσιμο αρχείο είναι διαθέσιμο στην ιστοσελίδα μας) ή απευθυνθείτε στην αντιπροσωπεία της Yamaha στη χώρα σας. * ΕΟΧ: Ευρωπαϊκός Οικονομικός Χώρος</p>
Svenska
<p>Viktigt: Garantierinformation för kunder i EES-området* och Schweiz För detaljerad information om denna Yamaha-produkt samt garantiering i hela EES-området* och Schweiz kan du antingen besöka nedanstående webbadress (en utskriftsvärdig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land. * EES: Europeiska Ekonomiska Samarbetsområdet</p>
Norsk
<p>Viktig merknad: Garantierinformasjon for kunder i EØS* og Sveits Detaljert informasjon om dette Yamaha-produktet og garantiering for hele EØS-området* og Sveits kan fås enten ved å besøke nettstedene nedenfor (utskriftsversjon finnes på våre nettsider) eller kontakte kontakta Yamaha-kontoret i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet</p>
Dansk
<p>Vigtig oplysning: Garantierplysninger til kunder i EØO* og Schweiz De kan finde detaljerede garantierplysninger om dette Yamaha-produkt og den fælles garantieringsserviceordning for EØO* (og Schweiz) ved at besøge det websted, der er angivet nedenfor (der findes en fil, som kan udskrives, på vores websted), eller ved at kontakte Yamahas nationale repræsentationskontor i det land, hvor De bor. * EØO: Det Europæiske Økonomiske Økonomiske Område</p>

Suomi
<p>Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille Tämän Yamahan tuotteen sekä ETA-alueen ja Sveitsin takuuta koskevat yksityiskohtaiset tiedot saatte alla olevasta nettiosoitteesta. (Tulostettava tiedosto saatavissa sivustollamme.) Voititte myös ottaa yhteyttä paikalliseen Yamahan-edustajaan. *ETA: Euroopan talousalue</p>
Polski
<p>Ważne: Warunki gwarancyjne obowiązujące w EOG* i Szwajcarii Aby dowiedzieć się więcej na temat warunków gwarancyjnych tego produktu firmy Yamaha, i serwisu gwarancyjnego w całym EOG* i Szwajcarii, należy odwiedzić wskazaną poniżej stronę internetową (plik gotowy do wydruku znajduje się na naszej stronie internetowej) lub skontaktować się z przedstawicielstwem firmy Yamaha w swoim kraju. *EOG — Europejski Obszar Gospodarczy</p>
Česky
<p>Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku Podrobné záruční informace o tomto produktu Yamaha a záručním servisu v celém EHS* a ve Švýcarsku naleznete na níže uvedené webové adrese (soubor k tisku je dostupný na našich webových stránkách) nebo se můžete obrátit na zastoupení firmy Yamaha ve své zemi. * EHS: Evropský hospodářský prostor</p>
Magyar
<p>Fontos figyelmeztetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára A jelen Yamaha termékre vonatkozó részletes garancia-információk, valamint az EGT*-re és Svájcra kiterjedő garanciális szolgáltatás tekintetében keressék fel webhelyünket az alábbi címen (a webhelyen nyomtatható fájl is található), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviselői iróddal. * EGT: Európai Gazdasági Térség</p>
Eesti keel
<p>Oluline märkus: Garantiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele Täpsemat teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval printitav fail) või pöörduge Teie riigis Yamaha esinduse poole. * EMP: Euroopa Majanduspiirkond</p>
Latviešu
<p>Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicē Lai saņemtu detaļāku garantijas informāciju par šo Yamaha produktu, kā arī garantijas apkalpošanu EEZ* un Šveicē, lūdzam apmeklēt zemāk norādīto tīmekļa vietnes adresi (tīmekļa vietnē ir pieejams drukājams fails) vai sazināties ar jūsu valsti apkalpojošo Yamaha pārstāvniecību. * EEZ: Eiropas Ekonomikas zona</p>
Lietuvių kalba
<p>Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje Jei reikia išsamesios informacijos apie šį „Yamaha“ produktą ir jo techninę priežiūrą visoje EEE* ir Šveicarijoje, apsilankykite mūsų svetainėje toliau nurodytu adresu (svetainėje yra spausdinamas failas) arba kreipkitės į „Yamaha“ atstovybę savo šalyje. *EEE – Europos ekonominė erdvė</p>
Slovenčina
<p>Dôležitá upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku Podrobné informácie o záruke týkajúcej sa tohto produktu u spoločnosti Yamaha a garancijnom servise v EHP* a Švajčiarsku nájdete na webovej stránke uvedenej nižšie (na našej webovej stránke je k dispozícii súbor na tlač) alebo sa obráťte na zastupujúcu spoločnosť Yamaha vo svojej krajine. * EHP: Európsky hospodársky priestor</p>
Slovenščina
<p>Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in Švici Za podrobnejše informacije o tem Yamahinem izdelku ter garancijskem servisu v celotnem EGP in Švici, obiščite spletno mesto, ki je navedeno spodaj (našljiva datoteka je na voljo na našem spletnem mestu), ali se obrnite na Yamahinega predstavnika v svoji državi. * EGP: Evropski gospodarski prostor</p>
Български език
<p>Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария За подробна информация за гаранцията за този продукт на Yamaha и гаранционното обслужване в паневропейската зона на ЕИП* и Швейцария или посетете посочения по-долу уеб сайт (на нашия уеб сайт има файл за печат), или се свържете с представителния офис на Yamaha във вашата страна. * ЕИП: Европейско икономическо пространство</p>
Limba română
<p>Notificare importantă: Informații despre garanție pentru clienții din SEE* și Elveția Pentru informații detaliate privind acest produs Yamaha și serviciul de garanție Pan-SEE*, și Elveția, vizitați site-ul la adresa de mai jos (fișierul imprimabil este disponibil pe site-ul nostru) sau contactați biroul reprezentanței Yamaha din țara dumneavoastră. * SEE: Spațiul Economic European</p>

<http://europe.yamaha.com/warranty/>

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