



DIGITAL PIANO  
PIANO NUMÉRIQUE  
PIANO DIGITAL

**P - 145**

**P - 143**

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

English

Français

Español

EN

FR

ES

Before using the instrument, be sure to read "PRECAUTIONS" on pages 4 – 5.  
Avant d'utiliser l'instrument, lisez attentivement la section « PRÉCAUTIONS D'USAGE » aux pages 4 et 5.  
Antes de utilizar el instrumento, lea las "PRECAUCIONES", en las páginas 4 – 5.

## 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 cannot locate the appropriate retailer, please contact Yamaha Corporation of America, 6600 Orangethorpe Ave., Buena Park, CA90620, USA.

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

(529-M04 FCC class B YCA 01)

### COMPLIANCE INFORMATION STATEMENT (Supplier's 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-145, P-143

This device complies with Part 15 of the FCC Rules.  
Operation is subject to two following 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.

(529-M02 FCC sdoc YCA 01)

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.**

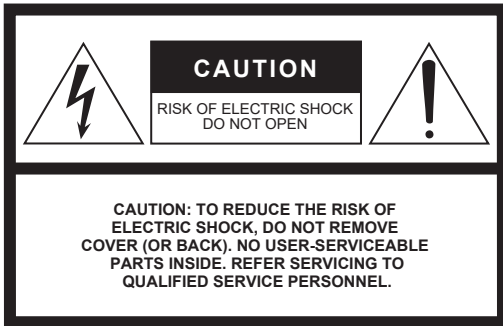
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**Serial No.**

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(1003-M06 plate bottom en 01)

## For AC adaptor



### 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.

(502-M01 UL 60065-1 en 01)

### For Singapore

Users are only allowed to use EN 50075 detachable and interchangeable 2-pin plugs or BS 1363-3 or SS 145-3 detachable and interchangeable 3-pin plugs that are approved and suitable to use in Singapore.

(604-M02 SG adaptor 01)

# PRECAUTIONS

## PLEASE READ CAREFULLY BEFORE PROCEEDING

Especially in the case of children, a guardian should provide guidance on how to properly use and handle the product before actual use.

Please keep this manual in a safe and handy 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

- 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.
- Do not touch the product or the power plug during an electrical storm.
- Use only the correct voltage specified for the product. The required voltage is printed on the name plate of the product.
- Use only the supplied or the specified AC adaptor (page 14). Do not use the AC adaptor for other devices.
- Check the power plug periodically and remove any dirt or dust which may have accumulated on it.
- Insert the power plug firmly all the way into the AC outlet. Using the product when it is not plugged in sufficiently can cause dust to accumulate on the plug, possibly resulting in fire or skin burns.
- 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, as long as the power cord is not unplugged from the wall AC outlet, the product will not be disconnected from the power source.
- Do not connect the product to an electrical outlet using a multi-plug outlet extender. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.
- When disconnecting the power plug, always hold the plug itself and not the cord. Pulling by the cord can damage it and cause electric shocks or a fire.
- If not using the product for long periods of time, be sure to pull the power plug from the AC outlet.

### Do not disassemble

- This product contains no user-serviceable parts. Do not attempt to disassemble the internal parts or modify them in any way.

### Water warning

- Do not expose the product 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 or places where water may drop. A liquid such as water getting into the product may cause a fire, electric shocks, or malfunctions.
- Use the AC adaptor indoors only. Do not use in any wet environments.
- Never insert or remove a power plug with wet hands.

### Fire warning

- Do not place any burning items or open flames near the product, since they may cause a fire.

### If you notice any abnormality

- If any of the following problems occur, immediately turn off the power switch and disconnect the power plug from the outlet. Finally have the device inspected by Yamaha service personnel.
  - The power cord or plug becomes frayed or damaged.
  - Unusual smells or smoke are emitted.
  - Some object, or water has been dropped into the product.
  - There is a sudden loss of sound during use of the product.
  - Cracks or other visible damage appear on the product.

# CAUTION

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

## Location

- Do not place the product in an unstable position or a location with excessive vibration, where it might accidentally fall over and cause injury.
- Before moving the product, remove all connected cables, to prevent damage to the cables or injury to anyone who might trip over them.
- Use only the stand specified for the product. When attaching it, use the provided screws only. Failure to do so could cause damage to the internal components or result in the product falling over.

## Connections

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

## Handling

- Do not insert foreign materials such as metal or paper into any openings or gaps of the product. Failure to observe this may cause a fire, electric shocks, or malfunctions.
- Do not rest your weight on, or place heavy objects on the product, and do not use excessive force on the buttons, switches or connectors.
- Do not use the product 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.
- Remove the power plug from the AC outlet before cleaning the unit. Failure to observe this may cause electric shocks.

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

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

Even when the [  ] (Standby/On) switch is in standby status (power lamp is 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 you unplug the power cord from the wall AC outlet.

DMI-11

## 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 app on your smart device, such as a smartphone or tablet, we recommend that you enable "Airplane Mode" on the device 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 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 instrument.
- This instrument has a built-in speaker on the back (terminal side). Do not place any object that is affected by magnetism, such as a watch or magnetic card on the instrument, since that may damage the object.

### ■ Maintenance

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

## Information

### ■ About copyrights

- The copyright of the "content"<sup>\*1</sup> installed in this product belongs to Yamaha Corporation or its copyright holder. Except as permitted by copyright laws and other relevant laws, such as copying for personal use, it is prohibited to "reproduce or divert"<sup>\*2</sup> without the permission of the copyright holder. When using the content, consult with a copyright expert.  
If you create music or perform with the contents through the original use of the product, and then record and distribute them, the permission of Yamaha Corporation is not required regardless of whether the distribution method is paid or free of charge.

\*1: The word "content" includes a computer program, audio data, Accompaniment Style data, MIDI data, waveform data, voice recording data, music score, and score data, etc.

\*2: The phrase "reproduce or divert" includes taking out the content itself in this product, or recording and distributing it without changes in a similar manner.

### ■ 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.
- "QR Code" is a registered trademark of DENSO WAVE INCORPORATED.
- 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.

### ■ About disposal

- When disposing of this product, please contact the appropriate local authorities.

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## Using this instrument with smart device apps

You can use the following apps by connecting the instrument to a smart device.



### Smart Pianist

By using this instrument with the Smart Pianist app, you can remotely control your digital piano for even more convenience and flexibility.

For information on how to connect the instrument to a smart device and how to use the app, see the Smart Pianist User Guide.

Smart Pianist User Guide  
<https://manual.yamaha.com/mi/app/smartpianist/>



### Rec'n'Share

Rec'n'Share allows you to record, make videos of, and edit your performances on the instrument and then share them with the world.

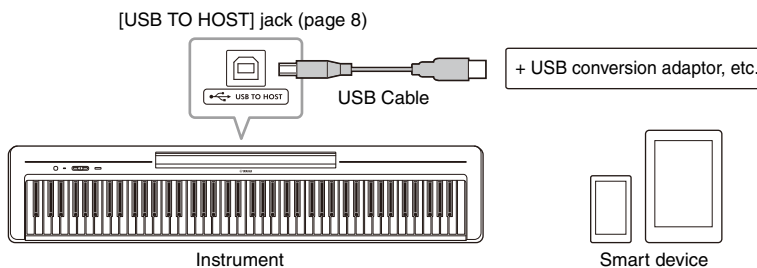
To connect the instrument to a smart device, you need a USB cable (Type A - Type B) and a conversion adaptor that matches the connector of the smart device.

For details about each app, refer to the following website.

<https://www.yamaha.com/2/apps/>



## Connection example



*Thank you for choosing this Yamaha digital piano.*

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

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This instrument has the following documents and instructional materials.

### Included Documents



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

Explains the functions and usage of this instrument.

### Online Materials

#### • Quick Operation Guide

This guide lets you call up various functions on the instrument by pressing certain keys while holding down the [GRAND PIANO/FUNCTION] button (page 10). The Quick Operation Guide lists all of the functions assigned to the keys, and can be printed out and placed it on a music rest for use as a quick reference for important operations.

The Quick Operation Guide can be downloaded directly by using the QR Code below.



<https://manual.yamaha.com/mi/kb-ekb/p-145/>

#### • Smart Device Connection Manual

Explains how to connect the instrument to smart devices, such as a smartphone, tablet, etc.

#### • Computer-related Operations

Includes instructions on connecting this instrument to a computer.

#### • MIDI Reference

Contains MIDI-related information.

To obtain these manuals, access the Yamaha Downloads website. After selecting your country and clicking on “Manual Library,” enter the model name, etc. to search for the desired files.

#### Yamaha Downloads

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



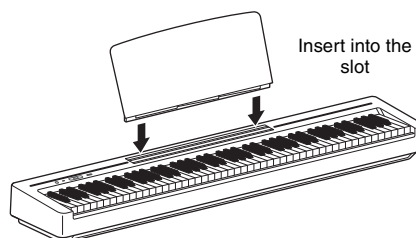
#### NOTE

- For a general overview of MIDI and how you can effectively use it, search for “MIDI Basics” (only in English, German, French and Spanish) on the website above.

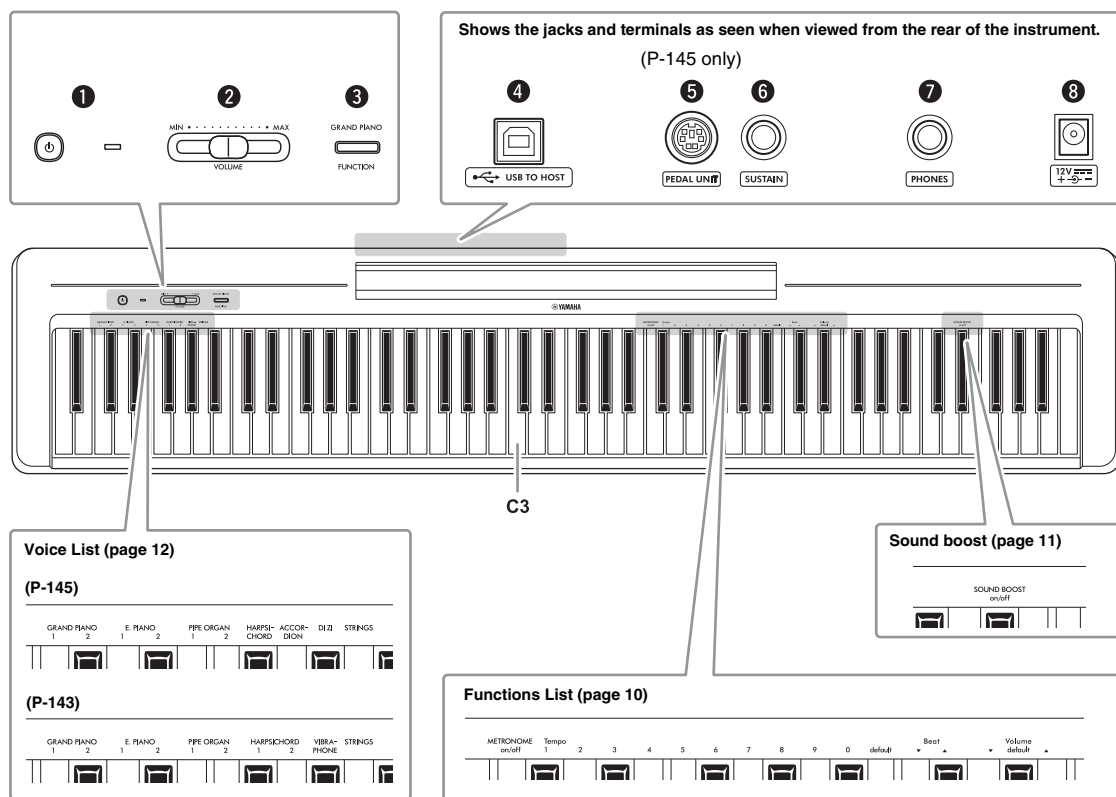
### Accessories

- Owner's Manual (this book) × 1
- Footswitch × 1
- AC Adaptor\* × 1
- Online Member Product Registration × 1
- Music Rest × 1

\* May not be included depending on your particular area. Please check with your Yamaha dealer.



# Panel Controls and Terminals

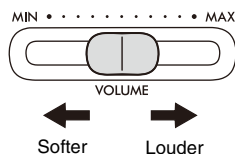


## 1 [⏻] (Standby/On) switch, Power lamp (page 9)

For turning the power on or setting to standby.

## 2 [VOLUME] slider

For adjusting the volume of the entire sound.



## 3 [GRAND PIANO/FUNCTION] button

For instantly calling up the Grand Piano 1 Voice. You can also set various parameters by pressing a note on the keyboard while holding this button (page 10).

## 4 [USB TO HOST] jack

For connecting to a computer or a smart device (smartphone, tablet, etc.) using a commercially available USB cable. When connected, you can send and receive both MIDI and audio data.

For details on how to connect the computer or the smart device, refer to “Computer-related Operations” on the website or “Smart Device Connection Manual.”

### Notice

- Make sure to use a USB cable (Type A - Type B) of less than 3 meters. USB 3.0 cables cannot be used.

## 5 [PEDAL UNIT] jack (P-145 only) (page 15)

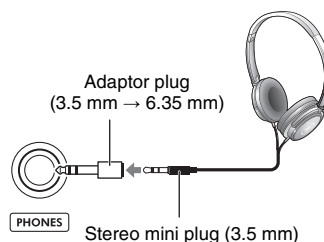
For connecting a separately sold pedal unit.

## 6 [SUSTAIN] jack (page 9)

For connecting the included footswitch, a separately sold footswitch or a separately sold foot pedal.

## 7 [PHONES] jack (Standard stereo headphone jack)

For connecting a set of standard stereo headphones. The speakers are automatically shut off when a plug is inserted into this jack.



### CAUTION

- To protect your hearing, avoid listening with the headphones at a high volume level for long periods of time.

## 8 DC IN jack (12V) (page 9)

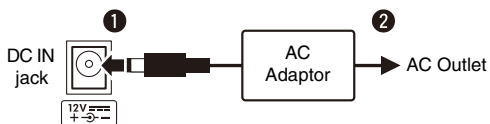
For connecting the AC adaptor.



# Setting Up

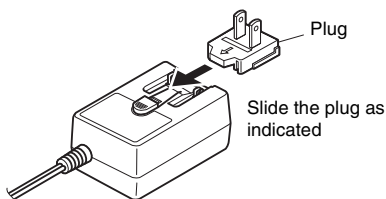
## Power Requirements

Connect the AC adaptor plugs in the following order.



### WARNING

- Use the supplied or the specified AC adaptor (page 14) only. Using the wrong AC adaptor can result in damage to the instrument or overheating.
- 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 and outlet differ depending on the locale.


### WARNING

- 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 this procedure in reverse order when disconnecting the AC adaptor.

## Turning the Power On/Off

- 1 Set the volume to the minimum.
- 2 Press the [  ] (Standby/On) switch to turn on the power.



When the power is supplied to the instrument, the power lamp located on the right of the power switch is turned on. While playing the keyboard, adjust the volume level by using the [VOLUME] slider.

To turn off the power, press the [  ] (Standby/On) switch again for a second.


### WARNING

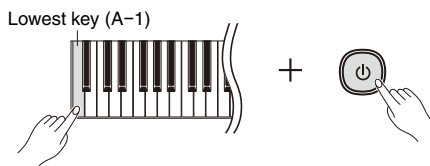
- Even when the power switch is turned off, electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.

## Auto Power Off Function

To prevent unnecessary power consumption, this function automatically turns the power off if no buttons or keys are operated for approximately 30 minutes. For the settings of the Auto Power Off function, see page 10.

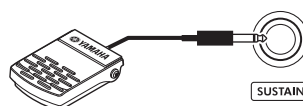
### Disabling Auto Power Off (simple method)

While holding down the lowest key (A-1), press the [  ] (Standby/On) switch. The power turns on with the Auto Power Off function disabled.



## Using a Footswitch or a Foot pedal

The [SUSTAIN] jack is for connecting the included footswitch, which works in the same way as a damper pedal on an acoustic piano. Also a separately sold foot pedal or footswitch (page 15) can be connected to this jack.



### NOTE

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

# Functions List

You can call up a function by holding down the [GRAND PIANO / FUNCTION] button and pressing the specified key. For certain functions, changing the setting produces a confirmation sound. Simply pressing the [GRAND PIANO / FUNCTION] button calls up the Grand Piano 1 Voice.

GRAND PIANO + FUNCTION

Function	Key	
1 Current Tempo Value	A#-1	
2 Auto Power Off Disable	C#0 D#0	
3 Voices	Voice No. 1	F#0 G#0 A#0
	Voice No. 2	C#1 D#1
	Voice No. 3	F#1 G#1 A#1
	Voice No. 4	C#2 D#2
	Voice No. 5	F#2 G#2 A#2
	Voice No. 6	
	Voice No. 7	
	Voice No. 8	
	Voice No. 9	
	Voice No. 10	
4 Voice Demo Song	Voice No. 1	
	Voice No. 2	
	Voice No. 3	
	Voice No. 4	
	Voice No. 5	
	Voice No. 6	
	Voice No. 7	
	Voice No. 8	
	Voice No. 9	
	Voice No. 10	
5 Preset Song	Song No. 1	
	Song No. 2	
	Song No. 3	
	Song No. 4	
	Song No. 5	
	Song No. 6	
	Song No. 7	
	Song No. 8	
	Song No. 9	
	Song No. 10	
6 Touch Sensitivity		
7 Duo On/Off		

Function	Description	Default Setting
① <b>Current Tempo value</b>	Confirms the Current Tempo Value by audible voice (in English).	–
② <b>Auto Power Off</b>	Enables/disables the Auto Power Off function (page 9).	Enabled
③ <b>Voices</b>	Pressing one key selects a specific Voice; pressing two keys simultaneously layers two Voices (Dual). → Voice List (page 12) In Dual mode, the lower numbered Voice is Voice 1 and the higher numbered voice is Voice 2 (→ ⑥, ⑦). To exit from Dual, select another Voice or press the [GRAND PIANO / FUNCTION] button.	–
④ <b>Voice Demo Song</b> ⑤ <b>Preset Song</b>	The selected song will start playing, followed by the Voice Demo Songs or Preset Songs in order. → Demo Song List / Preset Song List (page 12) To stop playback, press the [GRAND PIANO / FUNCTION] button. <b>To play back the selected Song repeatedly</b> While holding down the [GRAND PIANO / FUNCTION] button, press and hold one of the specified keys until you hear the confirmation sound twice (⑫).	–
⑥ <b>Touch Sensitivity</b>	Determines how the sound responds to your playing strength. Each press of the key switches the setting in sequence: Soft (1), Medium (2), Hard (3) and Fixed (4). → Touch Sensitivity List (page 12)	2 (Medium)
⑦ <b>Duo On/Off</b>	Engages or exits from the Duo function, which allows two different players to play the instrument in the same octave range, on the left and right side with the E3 key as the boundary.	Off
⑧ <b>Reverb Type</b>	Selects the Reverb type which simulate the reverberation of different performance spaces. → Reverb Type List (page 12)	Depending on the Voice
⑨ <b>Reverb Depth</b>	Adjusts the Reverb depth. Setting range: 0 (no effect) – 10 (maximum depth)	Depending on the Voice
⑩ <b>Damper Resonance On/Off</b>	Turns the Damper Resonance effect on/off. The Damper Resonance effect simulates the resonance of the strings of an acoustic piano when its damper pedal is pressed.	On
⑪ <b>Transpose</b>	Transposes the pitch up or down in semitones. Setting range: –6 – 0 – +6	0
⑫ <b>Metronome</b>	Start/stop the Metronome.	Off (stop)



You can also change the settings from the Smart device by using the Smart Pianist app.  
(→ page 6)

METRONOME Tempo on/off 1 2 3 4 5 6 7 8 9 0 default Beat Volume default on/off

C#3 D#3	F#3 G#3 A#3	C#4 D#4	F#4 G#4 A#4	C#5 D#5	F#5 G#5 A#5	C#6 D#6	F#6 G#6 A#6																					
Hall 1 Room Off	Reverb Depth - Reverb Depth + Transpose - Transpose +	Number key 1 Number key 3	Number key 6 Number key 8 Number key 0	Metronome Beat + Default Metronome Volume	Volume Balance Default Octave Default (Voice 2)	Octave Default (Voice 1) Sound Boost On/Off	A3 = 440.0 Hz A3 = 442.0 Hz MIDI Transmit Channel - MIDI Transmit Channel + Operation Confirmation Sounds On/Off																					
⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮																					
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	
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22														

Function	Description	Default Setting
⑬ <b>Tempo</b>	Changes the tempo of Song playback or the Metronome. The number key is used to specify the tempo numerically. To specify “95,” press the A#4 (0), A4 (9) and F4 (5) keys in order while holding down [GRAND PIANO / FUNCTION]. Setting range: 32 – 280	120 (Metronome)
⑭ <b>Metronome Beat</b>	Selects a Metronome Beat from 0 and 2 – 6. Setting range: 0 (no beat), 2, 3, 4, 5, 6	0 (no beat)
⑮ <b>Metronome Volume</b>	Adjusts the Metronome Volume. Setting range: 1 – 20	10
⑯ <b>Volume Balance (Dual)</b>	Adjusts the Balance between two Voices in Dual (③). The Settings above “0” increase the volume of Voice 1, and vice versa. Setting range: -6 – +6	Depending on the combination of Voices
⑰ <b>Octave Shift (Dual/Duo)</b>	Shifts the octave for each Voice in Dual (③) or Duo (⑦). In Duo, the right-hand range is Voice 1, while the left-hand range is Voice 2. In Dual, the Voice assigned to the left key becomes Voice 1. Setting range: -1, 0, +1	Depending on the combination of Voices
⑱ <b>Sound Boost On/Off</b>	Raises the volume and enhances the overall sound presence. This function is particularly useful when you want all the notes you play—both loud and soft—to be clearly audible.	Off
⑲ <b>Audio Loop Back On/Off</b>	Sets whether the 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.	On
⑳ <b>Tuning</b>	Fine tunes the pitch of the entire instrument in approx. 0.2 Hz steps. Setting range: 414.8 Hz – 440.0 Hz – 466.8 Hz	A3 = 440.0 Hz
㉑ <b>MIDI Transmit Channels</b>	Sets the MIDI Transmit Channels. For details, refer to “MIDI Reference.” Setting range: 1 – 16	1
㉒ <b>Operation Confirmation Sounds On/Off</b>	Turns on/off the Operation Confirmation Sounds, which occur when you change a setting using the keys of the keyboard.	On

## Voice List

No.	Key	Voice Name	Description
1	C0	GRAND PIANO 1	Recorded samples from a full concert grand piano. Perfect for classical compositions as well as any other style that requires acoustic piano.
2	C#0	GRAND PIANO 2	Bright piano sound. Clear tone helps the sound to "cut through" when playing in an ensemble.
3	D0	E. PIANO 1	Vintage electric piano sound of hammerstruck metallic "tines." Soft tone when played lightly, and an aggressive tone when played hard.
4	D#0	E. PIANO 2	An electronic piano sound created by FM synthesis. Good for standard popular music.
5	E0	PIPE ORGAN 1	A typical pipe organ sound (8 feet + 4 feet + 2 feet). Good for sacred music from the Baroque period.
6	F0	PIPE ORGAN 2	This is the organ's full coupler sound, often associated with Bach's "Tocatta and Fugue."
7	F#0	P-145 HARPSICHORD	The definitive instrument for baroque music. Authentic harpsichord sound, with plucked strings, no touch response.
		P-143 HARPSICHORD 1	
8	G0	P-145 ACCORDION	An accordion sound often used for tango and chanson music.
		P-143 HARPSICHORD 2	Mixes the same Voice an octave higher for a more brilliant, dynamic tone.
9	G#0	P-145 DI ZI	Chinese transverse flute. It features a clear and a crisp sound.
		P-143 VIBRAPHONE	Played with relatively soft mallets.
10	A0	STRINGS	Spacious and large-scale string ensemble. Try combining this Voice with piano in Dual.

## Preset Song List

No.	Key	Title	Composer
1	C2	Menuett G dur BWV Anh.114	J. S. Bach
2	C#2	Turkish March	W. A. Mozart
3	D2	Für Elise	L. v. Beethoven
4	D#2	Valse op.64-1 "Petit chien"	F. F. Chopin
5	E2	Träumerei	R. Schumann
6	F2	Dolly's Dreaming and Awakening	T. Oesten
7	F#2	Arabesque	J. F. Burgmüller
8	G2	Humoresque	A. Dvořák
9	G#2	The Entertainer	S. Joplin
10	A2	La Fille aux Cheveux de Lin	C. A. Debussy

## Demo Song List

No.	Key	Voice Name	Title	Composer
1	C1	GRAND PIANO 1	Original	–
2	C#1	GRAND PIANO 2	Original	–
3	D1	E. PIANO 1	Original	–
4	D#1	E. PIANO 2	Original	–
5	E1	PIPE ORGAN 1	Original	–
6	F1	PIPE ORGAN 2	Original	–
7	F#1	P-145 HARPSICHORD	Gavotte	J. S. Bach
		P-143 HARPSICHORD 1	Gavotte	J. S. Bach
8	G1	P-145 ACCORDION	Original	–
		P-143 HARPSICHORD 2	Invention No. 1	J. S. Bach
9	G#1	P-145 DI ZI	Original	–
		P-143 VIBRAPHONE	Original	–
10	A1	STRINGS	Original	–

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

## Touch Sensitivity List

Voice Confirmation	Touch Sensitivity	Description
1	Soft	The volume level does not change much when you play the keyboard soft or hard.
2	Medium	This is the standard piano touch response (default setting).
3	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.
4	Fixed	The volume level does not change at all regardless of whether you play the keyboard soft or hard.

Touch Sensitivity cannot be used for pipe organ Voices and harpsichord Voices.

## Reverb Type List

Key	Reverb Type	Description
C3	Hall1	For a bigger reverb sound. This effect simulates the natural reverberation of a small-size concert hall.
C#3	Hall2	For a truly spacious reverb sound. This effect simulates the natural reverberation of a large concert hall.
D3	Room	Simulates the reverb you hear in a room.
D#3	Stage	Simulates the reverb of a stage environment.
E3	Off	No effect is applied.

# Backup and Initialization

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

## Backup parameters

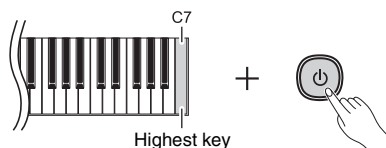
Metronome Volume, Metronome Beat, Touch Sensitivity, Tuning, Auto Power Off, Operation Confirmation Sound on/off

### NOTE

- Tempo settings are not backed up.

## To initialize the backup parameters:

While holding down the C7 key (highest key), turn the power on to initialize the backup data to the factory initial settings.



### NOTICE

- Never turn off the power while the initialization is being executed.

### NOTE

- If this instrument somehow malfunctions or fails to operate properly, try executing the initialization.

# Troubleshooting

Problem	Possible Cause and Solution
The instrument does not turn on.	The instrument has not been plugged in properly. Securely insert the female plug into the jack on the instrument, and the male plug into a proper AC outlet (page 9).
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 9).
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. When you use the instrument along with the application on your smart device, we recommend that you set "Airplane Mode" to "ON" on your smart device in order to avoid noise caused by communication.
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 [VOLUME] slider (page 8). Make sure a pair of headphones or conversion adaptor is not connected to the [PHONES] jack (page 8).
The pedal has no effect.	The pedal cable/plug may not be properly connected. Turn off the power and make sure to securely insert the pedal plug into the [SUSTAIN] jack or [PEDAL UNIT] jack (page 9, 15).
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.
When using a DAW (Digital Audio Workstation) with an instrument, there is a loud noise or abnormal sound.	Depending on the settings of the computer or the application software, a loud sound may occur. Set the Audio Loop Back function to off (page 11).

# Specifications

		P-145	P-143
Product Name		Digital Piano	
Size/Weight	Dimensions (W × D × H)	1,326 × 268 × 129 (mm) (52-3/16" × 10-9/16" × 5-1/16")	
	Weight	11.1kg (24 lb, 8 oz)	
Control Interface	Keyboard	Number of Keys	88 keys
		Type	GHC (Graded Hammer Compact) keyboard with matte black keytops
		Touch Sensitivity	Soft/Medium/Hard/Fixed
	Panel	Language	English
Voices	Tone Generator	Piano Sound	Yamaha CFIIS
	Piano Effect	Damper Resonance	Yes
	Polyphony (max.)		64
	Preset	Number of Voices	10
Effects	Types	Reverb	4 types
		Sound Boost	Yes
Songs (MIDI)	Preset	Number of Preset Songs	10 Voice Demo Songs + 10 Piano Preset Songs
Functions	Voices	Dual	Yes
		Duo	Yes
		Overall Controls	Metronome
		Tempo Range	32 – 280
		Transpose	-6 – 0 – +6
		Tuning	414.8 Hz – 440.0 Hz – 466.8 Hz (Approx. 0.2 Hz steps)
		USB audio interface	44.1 kHz, 16 bit, stereo
Connectivity	DC IN	12 V	
	PHONES	Standard stereo headphone jack (× 1)	
	SUSTAIN	Yes	
	PEDAL UNIT	Yes	No
	USB TO HOST	Yes (MIDI/Audio)	
Sound System	Amplifiers	7 W × 2	
	Speakers	Oval (12 cm × 8 cm) × 2	
Power Supply	AC Adaptor	AC Adaptor PA-150 or an equivalent recommended by Yamaha (Output : DC 12 V, 1.5 A)	
	Power Consumption	6 W (When using the PA-150 adaptor)	
	Auto Power Off	Yes	
Included Accessories	<ul style="list-style-type: none"> <li>• Owner's Manual (this book)</li> <li>• Footswitch</li> <li>• AC Adaptor PA-150 or an equivalent recommended by Yamaha*</li> <li>• Online Member Product Registration</li> <li>• Music Rest</li> </ul> <p>* May not be included depending on your particular area. Please check with your Yamaha dealer.</p>		

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.

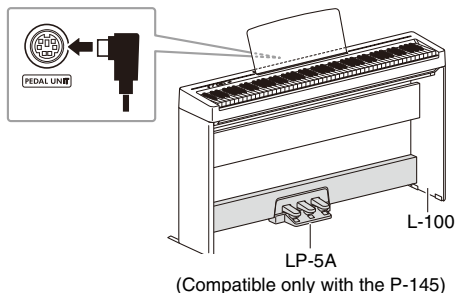
# Separately Sold Accessories

May not be available depending on your locale.

- AC Adaptor: PA-150 or an equivalent recommended by Yamaha
- Headphone: HPH-150, HPH-100, HPH-50
- Keyboard Stand: L-100
- Keyboard bag: SC-KB851
- Wireless MIDI Adaptor: UD-BT01
- Footswitch: FC4A, FC5
- Foot pedal: FC3A (features Half-pedal function)

- [P-145 only] Pedal Unit: LP-5A (features Half-pedal function)

\* Make sure to assemble the unit on a separately sold Keyboard Stand (L-100).



## Half-pedal function

This function allows you to vary the sustain length depending on how far the Damper 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).

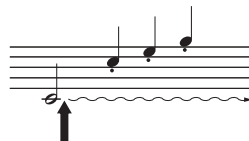
## Pedal Functions (For Pedal Unit LP-5A)

### Damper pedal (right pedal)

Notes will be sustained as long as this pedal is depressed, even if you release your fingers from the keys. It corresponds to the Damper Resonance function. The deeper you depress the pedal, the longer the note is sustained (corresponding to the Half Pedal function).

### Sostenuto pedal (center pedal)

If you play a note or chord on the keyboard and press the sostenuto pedal while holding the note(s), the notes will sustain as long as the pedal is held. Since this pedal does not affect notes played while it is depressed, you can achieve playing styles such as a staccato melody while sustaining a chord.



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

### Soft pedal (left pedal)

Keys played after depressing this pedal will be slightly softer and less resonant. The effect continues as long as the pedal is depressed. Since this pedal does not affect the sound of keys that were already held down when it is depressed, depress the pedal just before playing the note(s) that you would like to alter.

## Pedal function in Duo (page 10)

In Duo, the pedal function changes as follows.

- **Right Pedal:** Damper pedal for the right-hand range.
- **Center Pedal:** Damper pedal for both the right-hand and left-hand ranges.
- **Left Pedal:** Damper pedal for the left-hand range.

**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.

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.

(58-M02 WEEE en 01)



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

<p><b>Important Notice: Guarantee Information for customers in EEA* and Switzerland</b></p> <p>For detailed guarantee information about this Yamaha product, and Pan-EEA* and Switzerland warranty service, please either 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>	English
<p><b>Wichtiger Hinweis: Garantie-Information für Kunden in der EWR* und der Schweiz</b></p> <p>Für nähere Garantie-Information über dieses Produkt von Yamaha, sowie über den Pan-EWR*- und Schweizer Garantieservice, besuchen Sie bitte entweder die folgend 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>	Deutsch
<p><b>Remarque importante: informations de garantie pour les clients de l'EEE et la Suisse</b></p> <p>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>	Français
<p><b>Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland</b></p> <p>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>	Nederlands
<p><b>Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza</b></p> <p>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 esta disponible en nuestro sitio web) o póngase en contacto con el representante de Yamaha en su país. * EEE: Espacio Económico Europeo</p>	Español
<p><b>Avviso importante: informazioni sulla garanzia per i clienti residenti nell'EEA* e in Svizzera</b></p> <p>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 contattare l'ufficio di rappresentanza locale della Yamaha. * EEA: Area Economica Europea</p>	Italiano
<p><b>Aviso importante: informações sobre as garantias para clientes da AEE* e da Suíça</b></p> <p>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 Européia</p>	Português
<p><b>Σημαντική σημείωση: Πληροφορίες εγγύησης για τους πελάτες στον ΕΟΧ* και Ελβετία</b></p> <p>Για λεπτομερείς πληροφορίες εγγύησης σχετικά με το παρόν προϊόν της Yamaha και την κώλυση εγγύησης σε όλες τις χώρες του ΕΟΧ και την Ελβετία, επισκεφτείτε την παρακάτω ιστοσελίδα (Εκτυπώσιμη μορφή είναι διαθέσιμη στην ιστοσελίδα μας) ή απευθυνθείτε στην αντιπροσωπεία της Yamaha στη χώρα σας. * ΕΟΧ: Ευρωπαϊκός Οικονομικός Χώρος</p>	Ελληνικά
<p><b>Viktigt: Garantiinformation för kunder i EES-området* och Schweiz</b></p> <p>För detaljerad information om denna Yamaha-produkt samt garantiservice i hela EES-området* och Schweiz kan du antingen besöka nedanstående webbadress (en utskriftsvänlig fil finns på webbplatsen) eller kontakta Yamahas officiella representant i ditt land. * EES: Europeiska Ekonomiska Samarbetsområdet</p>	Svenska
<p><b>Viktig merknad: Garantiinformasjon for kunder i EØS* og Sveits</b></p> <p>Detaljert garantiinformasjon om dette Yamaha-produktet og garantiservice for hele EØS-området* og Sveits kan fås enten ved å besøke nettstedene nedenfor (utskriftsversjon finnes på våre nettsider) eller kontakte kontaktpunktet i landet der du bor. *EØS: Det europeiske økonomiske samarbeidsområdet</p>	Norsk
<p><b>Vigtig oplysning: Garantioplysninger til kunder i EØ* og Schweiz</b></p> <p>De kan finde detaljerede garantioplysninger om dette Yamaha-produkt og den fælles garantiserviceordning for EØ* (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. * EØ: Det Europæiske Økonomiske Område</p>	Dansk
<p><b>Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille</b></p> <p>Tämän Yamaha-tuotteen sekä ETA-alueen ja Sveitsin takuuta koskevat yksityiskohtaiset tiedot saatte alla olevasta nettiosoitteesta. (Tulostettava tiedosto saatavissa sivustollamme.) Voitte myös ottaa yhteyttä paikalliseen Yamaha-edustajaan. *ETA: Euroopan talousalue</p>	Suomi
<p><b>Ważne: Warunki gwarancji i obowiązujące w EOG* i Szwajcarii</b></p> <p>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>	Polski
<p><b>Důležité oznámení: Záruční informace pro zákazníky v EHS* a ve Švýcarsku</b></p> <p>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 zástupce firmy Yamaha ve své zemi. * EHS: Evropský hospodářský prostor</p>	Česky
<p><b>Fontos figyelemzetés: Garancia-információk az EGT* területén és Svájcban élő vásárlók számára</b></p> <p>A jelen Yamaha termékére vonatkozó részletes garancia-információk, valamint az EGT*-re és Svájcra kiterjedő garanciális szolgáltatás tekintetében keresse 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>	Magyar
<p><b>Oluline märkus: Garantiteave Euroopa Majanduspiirkonna (EMP)* ja Šveitsi klientidele</b></p> <p>Täpsema teabe saamiseks selle Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiiteeninduse kohta, külastage palun veebisaiti alljärgneval aadressil (meie saidil on saadaval printitav fail) või pöörduge Teie regiooni Yamaha esinduse poole. * EMP: Euroopa Majanduspiirkond</p>	Eesti keel
<p><b>Svarīgs paziņojums: garantijas informācija klientiem EEZ* un Šveicē</b></p> <p>Lai saņemtu detalizētu garantijas informāciju par šo Yamaha produktu, kā arī garantijas apkalpošanu EEZ* un Šveicē, lūdzu, apmeklējiet zemāk norādīto tīmekļa vietnes adresi (tīmekļa vietnē ir pieejams drukājams fails) vai sazinieties ar jūsu valsti apkalpojošo Yamaha pārstāvēniecību. * EEZ: Eiropas Ekonomikas zona</p>	Latviešu
<p><b>Dėmesio: informacija dėl garantijos pirkėjams EEE* ir Šveicarijoje</b></p> <p>Jei reikia išsamios informacijos apie šį „Yamaha“ produktą ir jo techninę priežiūrą visoje EEE* ir Šveicarijoje, apsilankykite mūsų svetainėje toliau nurodytu adresu (svetainėje yra spausdinlinas failas) arba kreipkitės į „Yamaha“ atstovybę savo šaliai. *EEE – Europos ekonominė erdvė</p>	Lietuvių kalba
<p><b>Dôležité upozornenie: Informácie o záruke pre zákazníkov v EHP* a Švajčiarsku</b></p> <p>Podrobné informácie o záruke týkajúce sa tohto produktu Yamaha a záručného servisu v EHP* a Švajčiarsku nájdete na webovej stránke uvedenej nižšie (na našej webovej stránke je k dispozícii súbor na tlač) alebo sa obráťte na zástupcu spoločnosti Yamaha vo svojej krajine. * EHP: Európsky hospodársky priestor</p>	Slovenčina
<p><b>Pomembno obvestilo: Informacije o garanciji za kupce v EGP* in Švici</b></p> <p>Za podrobnejše informacije o tem Yamahinem izdelku ter garancijskem servisu v celotnem EGP in Švici, obiščite spletno mesto, ki je navedeno spodaj (natiskljiva datoteka je na voljo na našem spletnem mestu), ali se obrnite na Yamahinega predstavnika v svoji državi. * EGP: Evropski gospodarski prostor</p>	Slovenščina
<p><b>Важно съобщение: Информация за гаранцията за клиенти в ЕИП* и Швейцария</b></p> <p>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>	Български език
<p><b>Notificare importantă: Informații despre garanție pentru clienții din SEE* și Elveția</b></p> <p>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>	Limba română
<p><b>Važna obavijest: Informacije o jamstvu za države EGP-a i Švicarske</b></p> <p>Za detaljne informacije o jamstvu za ovaj Yamahin proizvod te jamstvenom servisu za cijeli EGP i Švicarsku, molimo Vas da posjetite web-stranicu navedenu u nastavku ili kontaktirate ovlaštenog Yamahinog dobavljača u svojoj zemlji. * EGP: Europski gospodarski prostor</p>	Hrvatski

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



**Important Notice:  
U.S. LIMITED WARRANTY for Customers in the United States**

For detailed information about this Yamaha product and warranty service, please either visit the following website address (printable file is available at our website) or contact Customer Service at the address or telephone number identified below.

**Website Address:**  
[yamaha.io/PSeriesWarranty](http://yamaha.io/PSeriesWarranty)

**Customer Service:**  
Yamaha Corporation of America  
6600 Orangethorpe Avenue, Buena Park, CA 90620-1273  
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