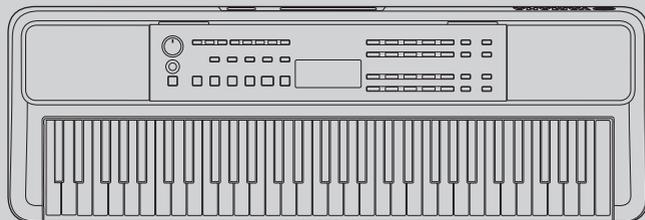

DIGITAL KEYBOARD

OWNER'S MANUAL

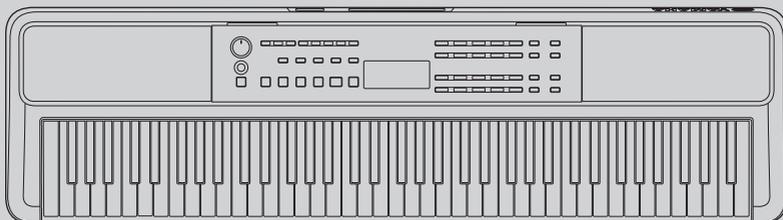
— **PSR-E383**

— **YPT-380**



— **PSR-EW320**

— **YPT-W320**



Before using the instrument, be sure to read
“PRECAUTIONS” on pages 5-7.

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 Avenue, Buena Park, CA 90620, U.S.A.

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

(529-M04 FCC class B YCA 02)

COMPLIANCE INFORMATION STATEMENT (Supplier's declaration of conformity procedure)

Responsible Party: Yamaha Corporation of America
Address: 6600 Orangethorpe Avenue, Buena Park, CA. 90620, U.S.A.
Telephone: 714-522-9011
Type of Equipment: Digital Keyboard
Model Name: PSR-E383, YPT-380, PSR-EW320, YPT-W320

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

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

(529-M02 FCC sdoc YCA 02)

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

Model No. _____

Serial No. _____

(1003-M06 plate bottom en 01)

Information for users on collection and disposal of old equipment and used batteries:



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation.



By disposing of these products and batteries 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 and batteries, 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:

These symbols are 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.

Cd

Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the EU Battery Directive for the chemical involved.

(58-M03 WEEE battery en 01)

For the 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)

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 30)/plug. Do not use the AC adaptor/plug 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.

Batteries

- Do not dispose of a battery in a fire.
- Do not expose the battery to conditions of extreme low air pressure, cold or heat (such as in direct sunlight or a fire) or excessive dust or humidity. Doing so may result in the battery exploding, causing a fire or injury.
- Follow the precautions below. Failure to do so might result in overheating, fire, explosion, or battery fluid leakage. If the contents of the battery gets on your hands or in your eyes, it can cause blindness, chemical burns, and damage of the product.
 - Use the specified battery type (page 30) only.
 - Do not use new batteries together with old ones.
 - Do not mix battery types.
 - Always make sure all batteries are inserted in conformity with the +/- polarity markings.
 - Do not disassemble a battery.
 - When the batteries run out, or if the product is not to be used for a long time, remove the batteries from the product.
 - Do not attempt to recharge batteries that are not designed to be charged.

- If the batteries do leak, avoid contact with the leaked fluid. If the battery fluid should come in contact with your eyes, mouth, or skin, wash immediately with water and consult a doctor. Battery fluid is corrosive and may possibly cause loss of sight or chemical burns.
- When using rechargeable batteries, follow the instructions that came with the batteries. Use only the specified charger device and within the specified charging temperature range when charging.
Charging with an unspecified charger or at a temperature outside the range may cause leakage, overheating, explosion, or malfunction.
- For battery installation and removal, be sure to read this manual and follow the instructions. Failure to comply may result in fire, overheating, explosion or malfunction.
- Keep batteries away from children. A child could accidentally swallow a battery. Failure to observe this may also cause inflammation due to battery fluid leaks.
- Do not subject batteries to mechanical shock.
Doing so may cause damage caused by batteries, electric shock, explosion or malfunction.
- Do not intentionally short the battery. Explosion or liquid leakage may cause fire or injury.
- Do not put batteries in a pocket or bag, or carry or store them together with pieces of metal. Batteries kept in such condition could short, burst, or leak, causing a fire or injury.

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. If you are using batteries, remove all batteries from the product.
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 [b] (Standby/On) switch is in standby status (display 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.

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 this product in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices. Otherwise, this product or the other device may generate noise.
- When you use the product 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.
- Depending on the condition of surrounding radio waves, the product may possibly malfunction.
- Do not expose the product 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 product, since this might discolor the product.
- Do not press the LCD screen with your finger because it is a sensitive, precision-made part. Doing so might cause an appearance abnormality, such as a stripe on the LCD, although this abnormality should disappear again within a short time.

■ Maintenance

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

■ Saving data

- Some of the data of this product (page 28) are retained when the power is turned off. However, the saved data may be lost due to some failure, an operational mistake, etc. Save your important data onto an external device such as a computer (page 15).

Information

■ About copyrights

- The copyright of the "content"^{*1} 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"^{*2} 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 product

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

■ About the appearance of this product

- This product may appear to have lines or scratches on the surface. The apparent lines or scratches are called "weld lines." They occur during the process of modeling the case and do not affect the functionality of the product.

■ About this manual

- The illustrations and LCD screens as shown in this manual are for instructional purposes only.
- Unless indicated otherwise, the illustrations and displays as shown in this manual are based on the PSR-E383 (in English).
- "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.

■ About disposal

- When disposing of this product, please contact the appropriate local authorities.
- Make sure to discard used batteries according to local regulations.

Thank you for purchasing this Yamaha Digital Keyboard!

It is loaded with various sounds and preset Songs, so that even beginners can enjoy playing it right away.

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

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

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About the Manuals

The following manuals are provided for the instrument.

■ Supplied with the instrument

● Owner's Manual (this book)

Explains the basic operations of the instrument.

General contents of the notes

 WARNING	Important information to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards.
 CAUTION	Important information to avoid the possibility of physical injury to you or others, or damage to the instrument or other property.
NOTICE	Important information to avoid the possibility of malfunction or damage to the product, damage to data, or damage to other property.
 NOTE	Helpful information and tips.

■ Available on the website

● Reference Manual

Explains all functions of this instrument including advanced functions.

● Data List

Contains various important preset content lists such as Voices, Songs, Styles, etc., as well as MIDI-related information of this instrument.

● Smart Device Connection Manual

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

To obtain the above manuals or the Song Book (see below), access the following Yamaha website:

<https://manual.yamaha.com/mi/kb-ekb/psr-e383/downloads/>



SONG BOOK

This contains music scores for the preset Songs (excluding the Demo Songs) of this instrument.

Use this free downloadable songbook when playing this instrument.



■ Video Manuals

Video manuals explaining how to use this instrument are available.



Scan the QR code to the left or access the website below.

<https://manual.yamaha.com/mi/kb-ekb/psr-e383/videos/>

Included Accessories

- Owner's Manual (this book) ×1
- AC adaptor* ×1
- Music rest ×1
- Online Member Product Registration ×1

* May not be included depending on your area. Check with your Yamaha dealer.

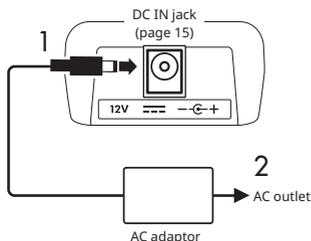
Setting Up

Power Requirements

Although the instrument will run either from an AC adaptor or batteries, Yamaha recommends the use of an AC adaptor whenever possible.

■ Using an AC Adaptor

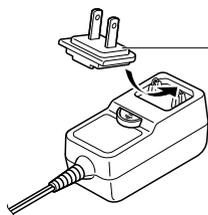
Connect the AC adaptor in the order shown in the illustration.



⚠ WARNING

- Use only the supplied or the specified AC adaptor (page 30).
- When using an AC adaptor with a removable plug, make sure to keep the plug attached to the AC adaptor during use and storage. Inserting just the plug into an outlet can cause electric shock or fire.
- Never touch the inner metallic section of the plug to avoid electric shock, short circuit, or damage. If the plug comes off, push it in until it securely clicks in place. Also be careful that there is no dust or other foreign matter between the AC adaptor and plug.

When using the AC adaptor with a removable plug



Plug

- Place the plug against the far side, and then firmly push it in until it clicks.
- The shape of the plug differs depending on your area.

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

NOTE

- When disconnecting the AC adaptor, turn off the power of the instrument and follow the order shown above in reverse.

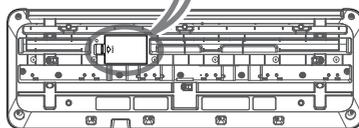
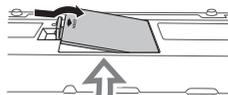
■ Using Batteries

This instrument can use AA size alkaline, manganese dry cell, or rechargeable nickel metal hydride batteries (rechargeable batteries). However, the use of alkaline or rechargeable batteries is recommended, as the instrument may consume large amounts of power depending on use.

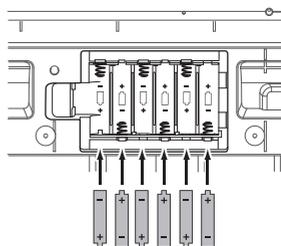
⚠ WARNING

- Before installing batteries, make sure to refer to the "Batteries" section in the Precautions (pages 5-6).

- 1 Make sure that the power of the instrument is off.
- 2 Open the battery compartment cover located on the instrument's bottom panel.



- 3 Insert the six new batteries, being careful to follow the polarity markings on the inside of the compartment.



- 4 Replace the compartment cover, making sure that it locks firmly in place.
- 5 After turning the power of the instrument on, make sure to set the battery type correctly (page 11).

NOTICE

- *Connecting or disconnecting the power adaptor with batteries inserted may turn the power off, resulting in loss of data being recorded at the time.*
- *When battery power becomes too low for proper operation, the volume may be reduced, the sound may be distorted, and other problems may occur. When this happens, make sure to replace all batteries with new ones or already recharged ones.*

NOTE

- *This instrument cannot charge the batteries. Use only the specified charger device when charging.*
- *Even if batteries are inserted into the instrument, the AC adaptor will be used as the power source when the AC adaptor is connected.*

■ Setting the battery type

You need to change the battery type setting on this instrument, depending on the battery type to be used.

To change the setting, after turning the power on, set the battery type via Function number 063 (page 24).

Default setting: Alkaline

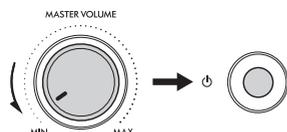
Alkaline	Alkaline batteries, manganese dry batteries
Ni-MH	Rechargeable nickel metal hydride batteries (rechargeable batteries)

NOTICE

- *Failure to set the battery type may shorten the amount of the battery life. Make sure to set the battery type correctly.*

Turning the Power On/Off

- 1 Turn down the [MASTER VOLUME] dial to "MIN".



- 2 Press the [⏻] (Standby/On) switch to turn the power on. The display will light up.
- 3 Adjust the volume as desired while playing the keyboard.

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

**WARNING**

- *Even when the power is turned off, electricity is still flowing to the instrument in a small amount. Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time or during electrical storms.*

NOTICE

- *Press only the [⏻] (Standby/On) switch when turning the power on. Any other operations such as pressing keyboards/buttons or stepping on the footswitch may cause the instrument to malfunction.*

Auto Power Off function

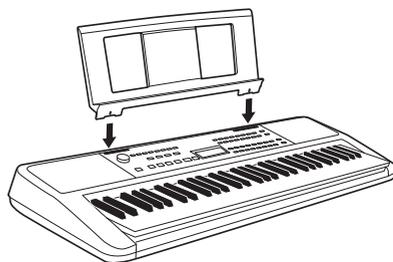
The instrument will automatically turn off after 15 minutes of inactivity. However, you can change this setting on the Function setting display (page 24, Function number 062).

■ Easy deactivation of the Auto Power Off function

Turn the power on while holding down the lowest key on the keyboard. The message "AutoOff Disabled" will appear briefly, and then the instrument will start up with the Auto Power Off function disabled.

**Using the Music Rest**

Insert the music rest into the slots as shown.

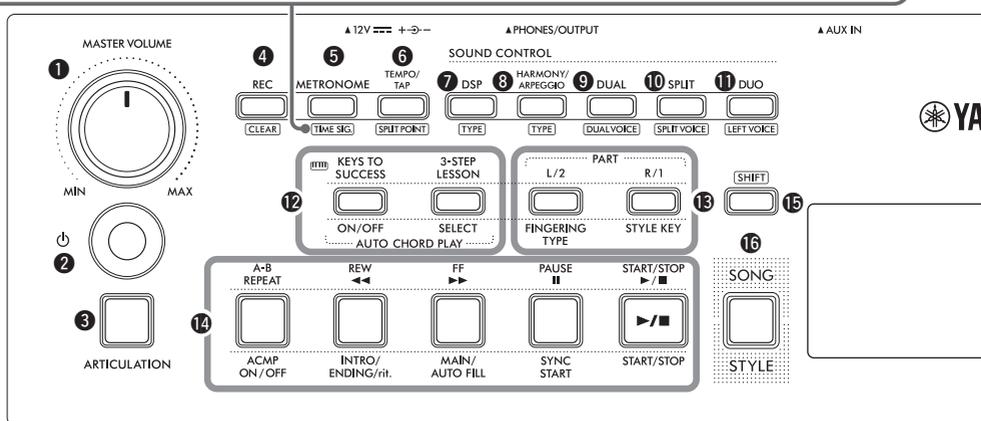


Panel Controls and Terminals

■ Front Panel

About the alternate button names enclosed in the frame  (SHIFT) **15** and **22**)

If you operate one of the buttons while holding down [SHIFT], the function indicated in the frame below the button will be executed. For example, holding down [SHIFT] **15** and pressing [METRONOME] **5** calls up the Time Signature setting display.



 : Refer to the Reference Manual on the website (page 9).

1 [MASTER VOLUME] dial **page 11**
Adjusts the overall volume.

2 [⏻] (Standby/On) switch **page 11**
Switches between standby and power on.

3 [ARTICULATION] button **page 17**
Recreates the characteristic performance techniques for specific instruments.

4 [REC] button **page 23**
Records your performance.

 
Clears a User Song.

5 [METRONOME] button 
Starts/stops the metronome.

 
Lets you set the time signature of the metronome on the setting display.

6 [TEMPO/TAP] button **page 16**
Lets you set the tempo of the Song/Style/
metronome.

 
Lets you determine the point for dividing the keyboard into left and right areas (Split Point) when using Duo and Style.

7 [DSP] button 
Switches the DSP (digital signal processor) on or off.

 
Lets you select the type of DSP.

8 [HARMONY/ARPEGGIO] button 
Adds effects such as harmony, etc. or enables the Arpeggio function.

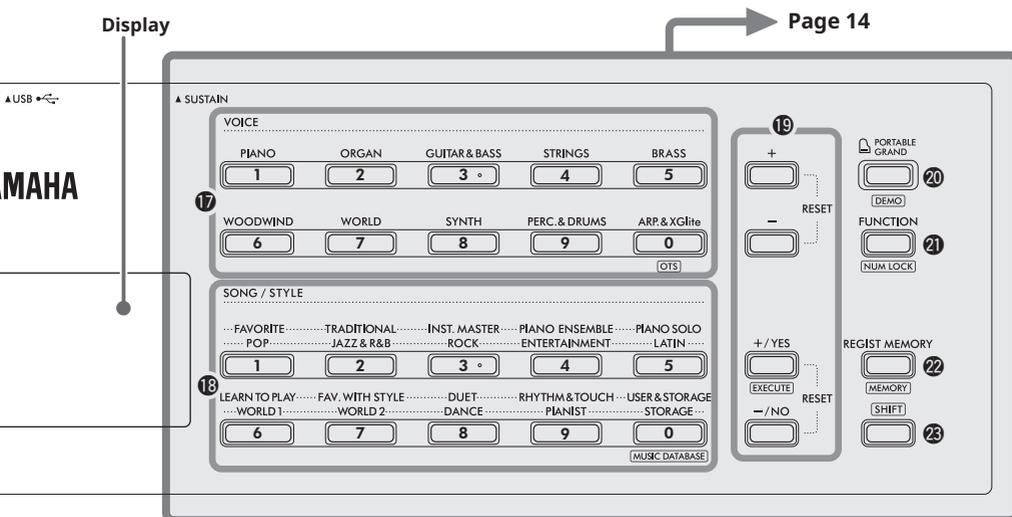
 
Lets you select the HARMONY/ARPEGGIO type.

9 [DUAL] button **page 17**
Layers another Voice over the entire keyboard as a Dual Voice.

 
Lets you select the Voice for layering.

10 [SPLIT] button **page 18**
Divides the keyboard into two separate areas, allowing you to play different Voices in the Left-hand and Right-hand areas.

 
Lets you select the Voice for playing in the area lower than the Split point.



11 [DUO] button page 18

Lets two players play the instrument simultaneously over the same octave range with the same Voice.



Lets you select the Voice for the left player area.

In the Song mode

12 [KEYS TO SUCCESS], [3-STEP LESSON] buttons page 22

Turns on/off the “Keys To Success” lesson for practicing a Song or starts/stops the “3-Step Lesson” or select the lesson mode.

13 PART [L/2], [R/1] buttons

Lets you select a lesson part or a muted part of the current Song.

14 Song control buttons page 21

For controlling Song playback.

In the Style mode

12 AUTO CHORD PLAY [ON/OFF], [SELECT] buttons page 19

Turns on/off the Auto Chord Play function or lets you select chord progressions when using the function.

13 [FINGERING TYPE], [STYLE KEY] buttons....

Lets you set how to play chords.

14 Style control buttons pages 19, 20

For controlling Style playback.

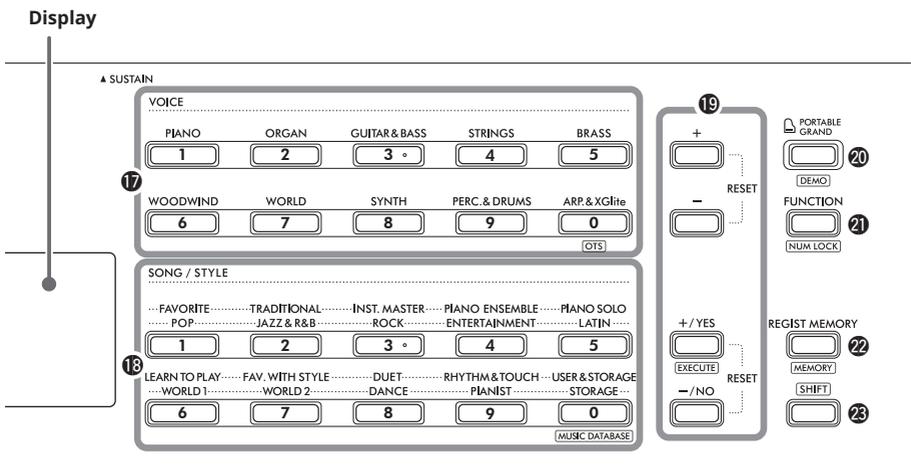
15 [SHIFT] button pages 16, 24

For the main use of this button, see the explanation in the box at the top of page 12. This button also can be used for returning operation to the home display (page 16).

16 [SONG]/[STYLE] button pages 16, 19, 21

Switches between Style mode and Song mode.

■ Front Panel



: Refer to the Reference Manual on the website (page 9).

17 VOICE Category buttons pages 16, 17

Lets you select the desired Voice.
Pressing [FUNCTION] **21** while holding down [SHIFT] **23** allows you to enter voice numbers or set values, etc. with these buttons.

[OTS] (One Touch Setting)

Automatically selects the most suitable Voice when you select a Style or Song (excepting Songs that have been input from other devices).

18 SONG/STYLE Category buttons pages 16, 19, 21

Lets you select the desired Song/Style.
Pressing [FUNCTION] **21** while holding down [SHIFT] **23** enables you to use these buttons as numeric buttons, in the same way as Voice Category buttons **17**.

[MUSIC DATABASE]

Lets you call up panel settings such as Voice and Style by selecting the music genre.

19 [+]/[-] buttons, [+ / YES] / [- / NO] buttons pages 16, 24

Select items or Increase/Decrease values.
Pressing the two buttons simultaneously resets the value to the default.

[EXECUTE]

Executes operations.

20 [PORTABLE GRAND] button.....page 17

Automatically selects Voice Number 001 "Live! Concert Grand Piano" for the Voice.

[DEMO] (page 21)

Starts/stops continuous DEMO Song playback.

21 [FUNCTION] button.....page 24

Calls up the Function setting display.

[NUM LOCK]

Lets you use the **17** or **18** buttons as Number buttons.

22 [REGIST MEMORY] buttonpage 23

Lets you recall the panel setting you memorized.

[MEMORY]

Lets you memorize the panel setting.

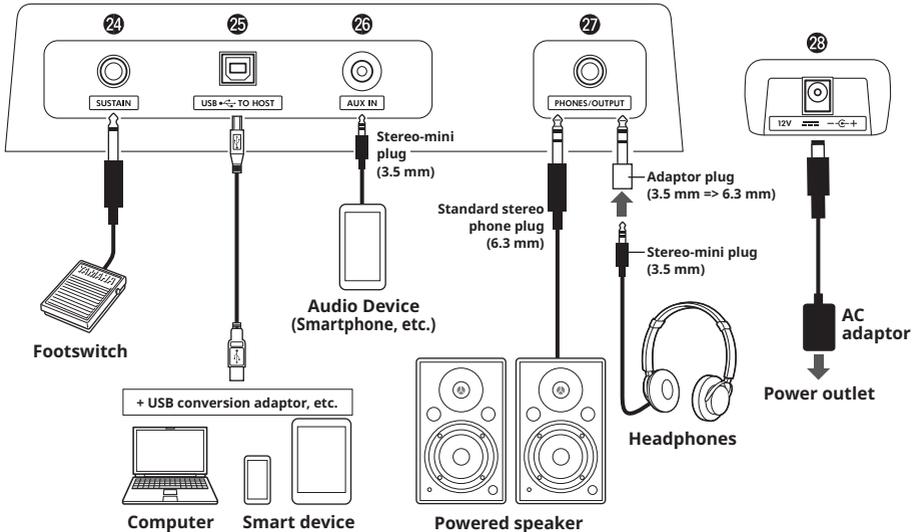
23 [SHIFT] button (same as the [SHIFT] button 15)

For the main use of this button, see the explanation in the box at the top of page 12. This button also can be used for returning operation to the home display (page 16).

■ Rear Panel

The cable to be used depends on the device to be connected.

Connection Options



24 [SUSTAIN] jack 
 You can connect a separately sold footswitch.
 The footswitch can be used as a sustain pedal.

25 [USB TO HOST] terminal 
 For connecting to the computer or smart device such as a tablet or smartphone via a USB cable. You can transfer MIDI files or send/receive audio data between this instrument and a computer, or playback the commercially available Song data transferred from computer on this instrument. In addition, using the smart device apps enables you to use the various function.

NOTICE

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

26 [AUX IN] jack..... 
 For connecting an audio device such as a smartphone.

You can output the sound of the audio device through the instrument's speakers and play the keyboard along with the playback of the device.

27 [PHONES/OUTPUT] jack..... 
 For connecting a pair of headphones or an external speaker such as a powered speaker, computer, or keyboard amplifier. The speakers of this instrument are automatically shut off when a plug is inserted into this jack.

28 [DC IN] jack..... **page 10**
 For connecting the AC adaptor.

Basic Operations

Selecting a Voice/Song/Style

Voice/Song/Style can be selected using each of the category buttons (page 14).

Voice: Select using the upper VOICE category buttons.

Song or Style: Use [SONG]/[STYLE] to switch to the mode you want to use, then select using the lower SONG/STYLE category buttons.

Each time these category buttons are pressed, the Voice/Song/Style changes sequentially within the same category.

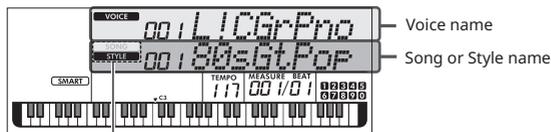
For Voice selection

Switches between SONG and STYLE.

For Song/Style selection
Upper button names: Song category
Lower button names: Style category

Voice can be selected by pressing [+]/[-], and Song/Style can be selected by pressing [+YES]/[-NO].

Display Items



The active mode name is displayed.

Returning to the Home Display ([SHIFT] button)

The display with the Voice name in the upper row and the Song/Style name in the lower row, such as in the illustration at left is referred to the "Home display." Press [SHIFT] to return to the home display from displays other than the home display such as the function setting display (page 24).

Changing the Tempo

- Press [TEMPO/TAP].
- Set your desired tempo value numerically using the SONG/STYLE category buttons.
Pressing [TEMPO/TAP] enables you to use the SONG/STYLE category buttons as numeric buttons.
- Press [SHIFT] to exit the tempo setting display.

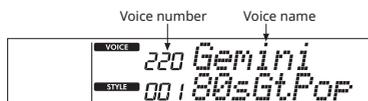
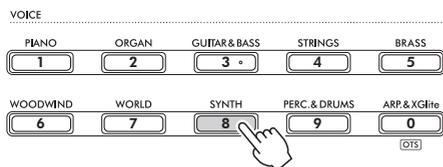
The tempo can be set using [+YES]/[-NO]. Press both [+YES] and [-NO] simultaneously to reset the value to the default value.

Playing a Variety of Instrument Voices

Selecting a Main Voice

- 1 Press one of the buttons from among the VOICE Category buttons.

Each time you press the button, it changes to a different Voice within the same category.



- 2 Play the keyboard.



Playing with S.Art Lite Voices (Super Articulation Lite Voices)

Playing with the S.Art Lite Voice can reproduce playing techniques for particular instruments, such as guitar harmonics, by using [ARTICULATION].
→ Reference Manual

Calling up the Grand Piano Voice

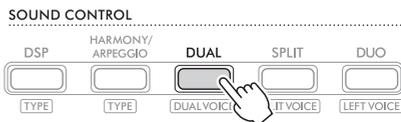
When you want to reset various settings to default and simply play a Piano sound, press [PORTABLE GRAND].



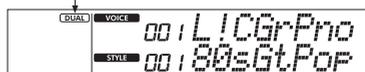
This automatically calls up Voice 001
“Live!ConcertGrandPiano” as the Main Voice.

Layering another Voice over the entire keyboard (Dual)

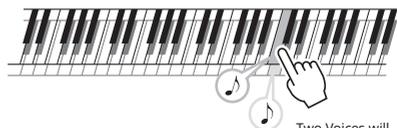
- 1 Press [DUAL] to turn on the layer.



Appears when Dual is on.



- 2 Play the keyboard.



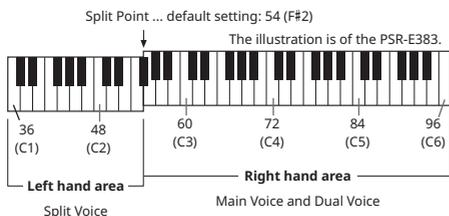
Two Voices will sound at the same time.

* How to select a different layer Voice (Dual Voice) → Reference Manual

- 3 To exit from the layer, press [DUAL] again.

Playing Different Voices with Your Left and Right Hands (Split)

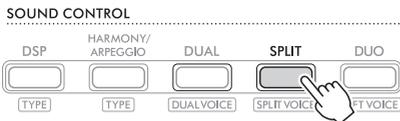
By dividing the keyboard into the two separate areas, you can play one Voice with your left hand and a different Voice with your right.



The highest key for the left-hand area is referred to as the "Split Point" (page 24, Function number 003).

1 Press [SPLIT] to turn on Split.

The keyboard is divided into the left-hand and right-hand areas.



Appears when Split is on.



2 Play the keyboard.

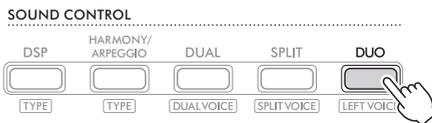


* How to select a different Split Voice
→ Reference Manual

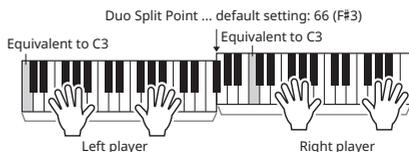
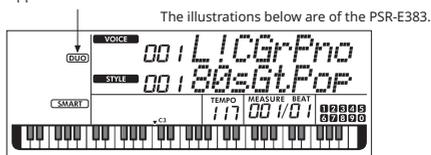
3 To exit from the Split, press the [SPLIT] again.

Playing the Keyboard with Two People (Duo)

1 Press [DUO] to turn Duo on.



Appears when Duo is on.



The keyboard is divided into left and right sections with the F#3 key as a boundary, and you can play the same range of notes on the left and right.

* How to change the Left Voice → Reference Manual

2 To exit from Duo, press [DUO] again.

Playing with Rhythm and Auto Accompaniment (Styles)

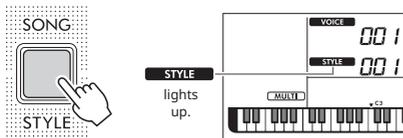
The Auto Accompaniment (ACMP) function plays Styles (rhythm + bass + chord accompaniment) that matches chords automatically. Use the “Auto Chord Play” to hear the Styles first, and then play with Styles by specifying chords yourself.

There are two ways you can play the chords: “Smart Chord,” which lets you play chords by simply playing one key, and “Multi Finger,” which lets you play them conventionally, all the constituent notes. → Reference Manual. The explanations here apply when playing with “Smart Chord.”

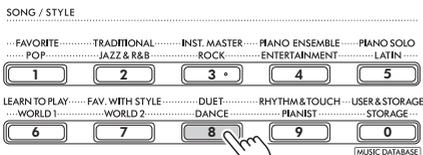
Specify the Chords Automatically (Auto Chord Play)

Auto Chord Play enables you to hear and experience the chord progression without needing to specify the chords. The key to be played and chord name are displayed, so that you can learn chord progressions or play melody part with the appropriate rhythms and accompaniment patterns.

1 Press [SONG]/[STYLE] to call up the “STYLE” icon and Style mode.



2 Press one of the SONG/STYLE Category buttons to select the desired Style (page 16).

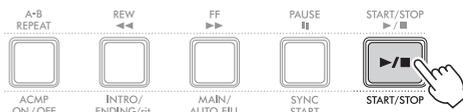


3 Press AUTO CHORD PLAY [ON/OFF] to turn on the Auto Chord Play.



4 Press [START/STOP].

The chords progress automatically with the matching accompaniment patterns.



5 Press [START/STOP] to stop Style playback.

Style Tutorial Video

Make sure to watch this video and how to enjoy the Styles.



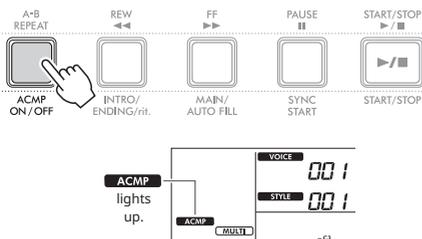
https://yamaha.io/PSR-E383_TUT_ML_EN

Play while Specifying the Chords

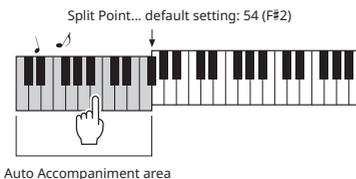
- Select your favorite Style via steps 1 and 2 in “Specify the Chords Automatically (Auto Chord Play)” (page 19).**

If Auto Chord Play is on, press AUTO CHORD PLAY [ON/OFF] to turn it off.

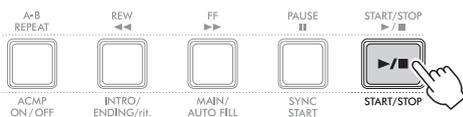
- Press [ACMP ON/OFF] to call up “ACMP” icon.**



The “Auto Accompaniment area” of the keyboard to the left of the Split Point (54:F#2) functions as the range for chord recognition.



- Press [START/STOP] to start just the rhythm part.**



- Play the root note of a chord in the Auto Accompaniment area.**

The bass and chord accompaniment parts start with the rhythm part. Play various chords with your left hand and melody part with your right hand.

- Press [START/STOP] to stop Style playback.**

Style Playback Variations
 Styles have Intro, Main A/B, Fill-in, and Ending sections. You can add variations to a performance by switching sections. → Reference Manual

Playing Back Songs and Using Song Lessons

Listening to the Demo Songs

While holding down [SHIFT], press [PORTABLE GRAND].

Demo Songs (Song numbers 001 to 003) are played back in sequence.

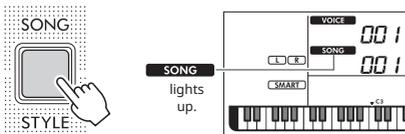
To stop playback, press [SHIFT] or [START/STOP].



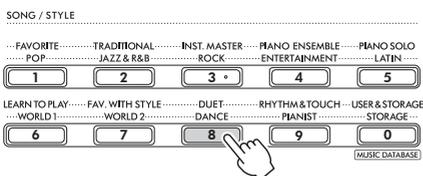
You can play Songs repeatedly with this operation.
→ Reference Manual

Listening to the Preset Songs

1 Press [SONG]/[STYLE] to call up the "SONG" icon and Song mode.



2 Press one of the SONG/STYLE Category buttons to select the desired Song (page 16).



3 Press [START/STOP] in the Song control button section to play the Song.

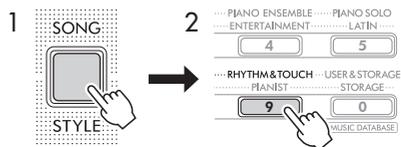
4 Press [START/STOP] again to stop Song playback.

Practicing the Timing and Touch of Playing the Keyboard (Rhythm & Touch Tutor)

You can practice by playing back the Songs in the "RHYTHM & TOUCH TUTOR" category.

1 Press [SONG]/[STYLE] to call up the "SONG" icon on the display.

2 Press [RHYTHM&TOUCH] in the SONG Category buttons.



3 Press [START/STOP] to start Song playback.

4 Press the keyboard in accordance with the mark's movement.

The mark moves toward the right.

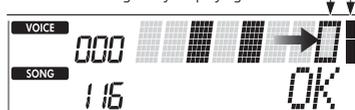
There are three marks of different sizes depending on the touch strength.

Play the keyboard at a strength appropriate to the size of mark displayed.



This meter display shows your touch strength.

When the mark overlaps this white square, play the keyboard while trying to be aware of the strength of your playing.



If only the timing is correct, "OK" is displayed; if both the timing and touch strength are correct, "Good!" is displayed.

As long as your timing and touch strength are right, any key you play will be correct.

To stop Song playback, press [START/STOP].

5 When the Song ends, the score and message will be shown.

Practice Playing Keyboard using Song Lesson Features

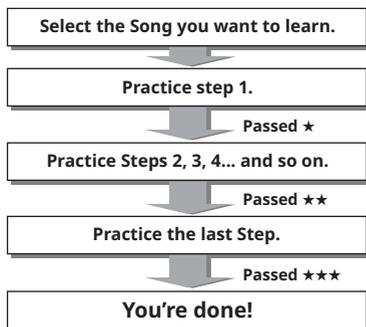
Here are two of the main lesson features available with this instrument.

You can refer to the music score in the Song Book (free downloadable scores).

* How to download → Page 9

Keys to Success

You can select just the key phrases of the Song—the ones you like most or need to work on—and practice them one by one. This lesson is ideal for beginning players.

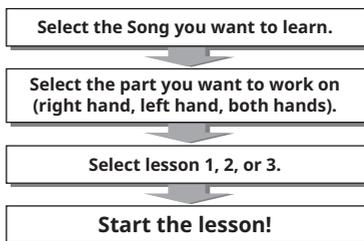


Each Song consists of several Steps. Each time you play all the way through the current Step, your performance will be evaluated. A score of “60” or more indicates that you passed this Step and you should try the next Step, which begins automatically.

3-Step Lesson (Listening, Timing and Waiting)

You can practice the preset Songs in three steps, independently for the right or left hand, or both hands together. This is ideal when you want to practice all the way through the Song with the selected part.

- **Lesson 1 (Listening)** ... Listen to the playback part you will play. Remember it as best as you can.
- **Lesson 2 (Timing)** Learn to play the notes with the correct timing. Even if you play wrong notes, the correct notes will sound.
- **Lesson 3 (Waiting)** Learn to play the correct notes. The Song pauses until you play the right note.



Keys to Success with 3-Step Lesson

Combining the Keys to Success lesson with the 3-Step lesson is very convenient. For example, you can practice your weak points in the Keys to Success lesson by using the Timing lesson.

* Steps to combine the Keys to Success lesson with 3-Step lesson → Reference Manual

Recording Your Performance

You can record up to 5 of your performances as User Songs (User 1–5: Song numbers 126–130), which can then be played back on the instrument. If you want to specify a different User Song instead of the User Song on the display as the recording target, use [+ / YES] and [- / NO].

1 Press [REC] to enter recording standby.



2 Play the keyboard or press [START/STOP] to start recording.



3 Press [START/STOP] to stop recording.

4 To play back the recorded Song, press [START/STOP].

To play the recorded Song later, press [USER&STORAGE] in step 2 of “Listening to the Preset Songs” (page 21).

* How to delete the User Song → Reference Manual

Memorizing Your Favorite Settings (Registration Memory)

Ten settings have already been memorized as Factory settings of this instrument. However, you can memorize your own favorite settings by overwriting the factory settings.

* Details on the factory settings → Reference Manual

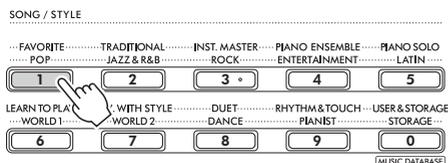
Recalling the Panel Settings

1 Press [REGIST MEMORY].

The SONG/STYLE category buttons can be used as numeric buttons.



2 Press the one of the SONG/STYLE category buttons 1–0(10) to call up the current panel settings you memorized.



Memorizing Your Favorite Panel Settings

1 Make the desired settings such as those for Voice and Style.

Parameters that are memorized to Registration Memory → Reference Manual

2 While holding down [SHIFT], press [REGIST MEMORY].

The SONG/STYLE category buttons can be used as numeric buttons.



3 Press the one of the SONG/STYLE category buttons 1–0(10) to memorize the current panel settings.

If an “Overwr?” message appears in the display, press [+ / YES] or [- / NO]. When memorizing is complete, “Mem OK” is displayed.

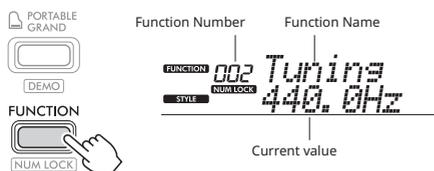
The Functions

About the Function Settings

The “Functions” provide access to a range of detailed instrument parameters such as Tuning, Split Point, Voices, and Effects. Find the desired item in the Function List (pages 24–27), and then follow the instructions below.

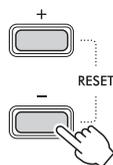
1 Press [FUNCTION] to call up the Function Settings.

This operation enables you to use the VOICE Category buttons or SONG/STYLE Category buttons as numeric buttons.



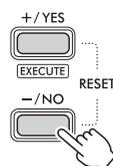
2 Press [+] or [-] until the desired item appears.

You can also call up the desired item by inputting the function number directly with the VOICE Category buttons.



3 Press [+ /YES] or [- /NO] to set the value.

You can also set the value by inputting it directly with the SONG/STYLE Category buttons. Pressing [+ /YES] and [- /NO] simultaneously restores the default setting.



4 To exit the function settings, press [FUNCTION] or [SHIFT].

Function List

Function Number	Function Name	Display	Range/Settings	Default Value	Backup
Overall					
001	Transpose	<i>Transpos</i>	-12-12	0	
002	Tuning	<i>Tuning</i>	427.0 Hz-453.0 Hz	440.0 Hz	✓
003	Split Point	<i>SplitPnt</i>	36-96 (C1-C6;PSR-E383, YPT-380) 28-103 (E0-G6;PSR-EW320, YPT-W320)	54 (F#2)	✓
004	Touch Response	<i>TouchRes</i>	1: Soft 2: Medium 3: Hard 4: Off	2: Medium	✓
Main Voice					
005	Volume	<i>M. Volume</i>	000-127	*	
006	Octave	<i>M. Octave</i>	-2-+2	*	
007	Reverb Depth	<i>M. Reverb</i>	000-127	*	
008	Chorus Depth	<i>M. Chorus</i>	000-127	*	

Function Number	Function Name	Display	Range/Settings	Default Value	Backup
Dual Voice					
009	Volume	<i>D. Volume</i>	000-127	*	
010	Octave	<i>D. Octave</i>	-2+2	*	
011	Reverb Depth	<i>D. Reverb</i>	000-127	*	
012	Chorus Depth	<i>D. Chorus</i>	000-127	*	
Split Voice					
013	Volume	<i>S. Volume</i>	000-127	*	
014	Octave	<i>S. Octave</i>	-2+2	*	
015	Reverb Depth	<i>S. Reverb</i>	000-127	*	
016	Chorus Depth	<i>S. Chorus</i>	000-127	*	
Style					
017	Style Volume	<i>StyleVol</i>	000-127	100	✓
018	Fingering Type	<i>FingType</i>	1: Smart Chord 2: Muti Finger	1: Smart Chord	✓
019	Style Key	<i>StyleKey</i>	FL7 – SP0 – SP7 FL7 (7 Flats ♭) : Key of C♭ major /A♭ minor SP0 (No Key Signature) : C major /A minor SP7 (7 Sharps #) : C♯ major /A♯ minor	SP0 (No Key Signature): Key of C major/ A minor	
020	Chord Progression	<i>ChdPros.</i>	Refer to the Data List on the website.	01	
Song					
021	Song Volume	<i>SongVol</i>	000-127	100	✓
022	Song Melody Voice	<i>MelodyVc</i>	001-650	**	
Effects					
023	Reverb Type	<i>Reverb</i>	1-4: Hall 1, 2, 3, 4 5: Cathedral 6-9: Room 1, 2, 3, XG 10-12: Stage 1,2, XG 13-15: Plate 1, 2, XG 16: Off	**	
024	Reverb Level	<i>RevLevel</i>	000-127	64	
025	Chorus Type	<i>Chorus</i>	1-3: Chorus 1, 2, 3 4-6: Flanger 1, 2, XG 7: Celeste XG 8: Off	**	
026	DSP Type	<i>DSPType</i>	01-41	*	
027	Panel Sustain	<i>Sustain</i>	On/Off	Off	✓

Function Number	Function Name	Display	Range/Settings	Default Value	Backup
028	Master EQ Type	<i>MasterEQ</i>	1: Standard 2: Boost 3: Piano 4: Bright 5: Mild	1: Standard	✓
Harmony/Arpeggio					
029	Harmony/Arpeggio Type	<i>HarmonyArp</i>	001-026 (Harmony) 027-178 (Arpeggio)	*	
030	Harmony Volume	<i>HarmonyVol</i>	000-127	*	
031	Arpeggio Velocity	<i>ArpVelo</i>	1: Original 2: Key	**	
032	Arpeggio Quantize	<i>Quantize</i>	1: Off 2: 1/4 3: 1/8 4: 1/16	**	
Pedal					
033	Pedal Function	<i>PdFunc</i>	1: Sustain 2: Arpeggio Hold 3: Sustain+Arpeggio Hold 4: Articulation	1: Sustain	
Metronome					
034	Time Signature Numerator	<i>TimeSighN</i>	00-60	**	
035	Time Signature Denominator	<i>TimeSighD</i>	2 (Half note) 4 (Quarter note) 8 (Eighth note) 16 (Sixteenth note)	**	
036	Metronome Volume	<i>MetroVol</i>	000-127	100	✓
Lesson					
037	Lesson Track (R)	<i>R-Part</i>	01-16	01	
038	Lesson Track (L)	<i>L-Part</i>	01-16	02	
039	Your Tempo	<i>YourTemp</i>	On/Off	On	✓
040	Guide	<i>Guide</i>	On/Off	On	✓
MIDI					
041	Local Control	<i>Local</i>	On/Off	On	
042	External Clock	<i>ExtClock</i>	On/Off	Off	
043	Initial Send	<i>InitSend</i>	YES/NO	-	
Audio					
044	[AUX IN] Audio Volume	<i>AuxInVol</i>	000-127	50	✓
045	[USB TO HOST] Audio Volume	<i>USBInVol</i>	000-127	100	✓
046	Audio Loopback	<i>Loopback</i>	On/Off	On	✓
047	Melody Suppressor	<i>MelodySP</i>	On/Off	Off	
048	Suppressor Pan	<i>SupprPan</i>	L63-C-R63	C	

Function Number	Function Name	Display	Range/Settings	Default Value	Backup
Regist Freeze					
049	Style Freeze	<i>StyleFrz</i>	On/Off	Off	✓
050	Transpose Freeze	<i>TransFrz</i>	On/Off	Off	✓
051	Voice Freeze	<i>VoiceFrz</i>	On/Off	Off	✓
Duo					
052	Duo Split Point	<i>DuoPnt</i>	36-96 (C1-C6;PSR-E383, YPT-380) 28-103 (E0-G6;PSR-EW320, YPT-W320)	66 (F#3)	
053	Duo R Volume	<i>DuoRVol</i>	000-127	*	
054	Duo L Volume	<i>DuoLVol</i>	000-127	*	
055	Duo R Octave	<i>DuoROct</i>	-3-+3	*	
056	Duo L Octave	<i>DuoLOct</i>	-3-+3	*	
057	Duo Type	<i>DuoType</i>	1: Balance 2: Separate	2: Separate	
Storage					
058	Storage Mode	<i>Storage</i>	On/Off	Off	
Style File					
059	Style Register	<i>StyleRes</i>	001-nnn	-	
Demo					
060	Demo Group	<i>DemoGrp</i>	1: Demo 2: Preset 3: User 4: Storage	1: Demo	✓
061	Demo Play Mode	<i>PlayMode</i>	1: Normal 2: Random	1: Normal	✓
AC					
062	Auto Power Off Time	<i>AutoOff</i>	Disabled, 5/10/15/30/60/120 minutes	15 minutes	✓
063	Battery Type	<i>Battery</i>	1: Alkaline (Alkaline batteries, manganese dry batteries) 2: Ni-MH (Rechargeable nickel metal hydride batteries)	1: Alkaline	✓

* The appropriate value is automatically set for each Voice combination.

** The appropriate value is automatically set for each Song, Style or Arpeggio.

Backup and Initialization

Backup Parameter

The following Backup parameters will be maintained even if the power is turned off.

Backup parameters (each time)

- User Songs (page 23)
- Styles registered to Style numbers 261–270 (transferred from external devices)
 - * How to register Style files → Reference Manual

Backup parameters when turning off the power

- Registration Memory (page 23)
- Function settings: (pages 24–27)
 - Settings with a check mark in the “Backup” column in the Function List are backed up.
- Passing Status of Keys to Success → Reference Manual

Parameters that are memorized to Registration Memory → Reference Manual

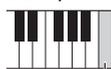
Initializing the Instrument

You can erase the backup parameter settings described above, and then restore all the default factory settings.

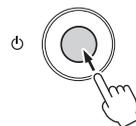
■ Backup Clear

This operation initializes the backup parameters. While holding down the highest white key, press the [⏻] (Standby/On) switch to turn the power on.

PSR-E383, YPT-380



Highest note on the keyboard (white key)



PSR-EW320, YPT-W320

There is an alternate operation that lets you delete all the Songs and Styles that have been transferred from a computer or smart device (except Style data registered to Style numbers 261–270).
→ Reference Manual

Troubleshooting

Problem	Possible Cause and Solution
Not all of the Voices seem to sound, or the sound seems to be cut off.	The instrument is polyphonic up to a maximum of 48 notes—including auto accompaniment, Song, and Metronome. Notes exceeding this limit will not sound.
The sound of the Voice changes from note to note.	This is normal. The AWM tone generation method uses multiple recordings (samples) of an instrument across the range of the keyboard; thus, the actual sound of the Voice may be slightly different from note to note.
The power suddenly and unexpectedly turns off.	This is normal, and the Auto Power Off function may have been activated. If you do not want to use the Auto Power Off function, disable the Auto Power Off function (page 11).
When the instrument is turned on, the power turns off suddenly and unexpectedly.	The protection circuit has been activated due to over current. This may occur when an AC adaptor other than the one specified is used or the AC adaptor is damaged. Use the specified adaptor only (page 30). If it appears to be malfunctioning, discontinue use immediately and have it inspected by qualified Yamaha service personnel.
The application on your smart device doesn't recognize the instrument.	Is Storage Mode set to “On”? Make sure that Storage Mode is set to “Off” in the Function Setting display (page 24, Function number 058).

Specifications

Product Name			PSR-E383	YPT-380	PSR-EW320	YPT-W320
			Digital Keyboard			
Size/Weight	Dimensions (W x H x D)		941 mm × 105 mm × 317 mm (37-1/16" × 4-1/8" × 12-1/2")		1,148 mm × 105 mm × 317 mm (45-3/16" × 4-1/8" × 12-1/2")	
	Weight		4.4 kg (9 lb, 11 oz) (not including batteries)		5.2 kg (11 lb, 7 oz) (not including batteries)	
Control Interface	Keyboard	Number of Keys	61		76	
		Touch Response	Soft, Medium, Hard, Off			
	Display	Type	LCD (Liquid Crystal Display)			
		Backlight	Yes			
		Language	English			
Panel	Language	English				
Voices	Tone Generator		AWM Stereo Sampling			
	Polyphony (max.)		48			
	Preset	Number of Voices	650 (258 Panel Voices + 25 Drum/SFX kits + 20 Arpeggio + 347 XGLite Voices)			
	Compatibility		GM/XGLite			
Effects	Types	Reverb	15			
		Chorus	7			
		DSP	41			
		Master EQ	5			
	Functions	Dual	Yes			
		Split	Yes			
		Duo	Yes			
		Panel Sustain	Yes			
		Arpeggio	152			
		Harmony	26			
		Melody Suppressor	Yes			
Articulation	Yes (12 Super Articulation Lite Voices)					
Accompaniment Styles	Number of Preset Styles		260			
	Fingering		Smart Chord, Multi finger			
	Style Control		ACMP ON/OFF, SYNC START, START/STOP, INTRO/ENDING/rit., MAIN/AUTO FILL			
	External Styles		10			
	Other Features	Music Database	200			
		One Touch Setting (OTS)	Yes			
		Auto Chord Play	50 Chord Progressions			
Compatibility		Style File Format (SFF)				
Songs (MIDI)	Preset	Number of Preset Songs	125			
		Recording	Number of Songs	5		
	Format	Number of Tracks	2			
		Data Capacity	Approx. 10,000 notes			
	Recording	Playback	SMF (Format 0, Format 1)			
		Recording	Original File Format			

Specifications

			PSR-E383	YPT-380	PSR-EW320	YPT-W320	
Functions	Registration Memory	Number of Memories	10				
	Lesson		KEYS TO SUCCESS, 3-Step Lesson (Listening, Timing, Waiting), A-B Repeat, Rhythm & Touch Tutor				
	Demo		Yes				
	USB Audio (USB TO HOST)		44.1 kHz, 16 bit, stereo				
	Overall Controls	Metronome		Yes			
		Tempo Range		11–280			
		Transpose		-12 to 0, 0 to +12			
Miscellaneous	PIANO Button		Yes ([PORTABLE GRAND] Button)				
Storage and Connectivity	Storage	Internal Memory	Approx. 1.4 MB				
	Connectivity	DC IN		12 V			
		Headphones/ Output		Standard stereo phone jack (PHONES/OUTPUT)			
		Sustain Pedal		Yes			
		AUX IN		Stereo mini jack			
USB TO HOST		Yes (MIDI/AUDIO)					
Sound System	Amplifiers		2.5 W x 2				
	Speakers		12 cm x 2				
Power Supply	Power Supply	AC Adaptor	PA-130 or an equivalent recommended by Yamaha (Output : DC 12 V, 0.7 A or 1.0 A)				
		Batteries	Six "AA" size alkaline (LR6), manganese (R6), or Ni-MH rechargeable batteries (HR6)				
	Power Consumption		5 W (When using PA-130 AC adaptor)				
	Auto Power Off		Yes				
Included Accessories			<ul style="list-style-type: none"> • Music rest • Owner's Manual • AC adaptor *(PA-130 or an equivalent recommended by Yamaha) • Online Member Product Registration <p>*: May not be included depending on your particular area. Please check with your Yamaha dealer.</p>				
Separately Sold Accessories (May not be available depending on your area.)			<ul style="list-style-type: none"> • AC adaptor: <ul style="list-style-type: none"> Users within U.S or Europe: PA-130 or an equivalent recommended by Yamaha Others: PA-3C, PA-130 or an equivalent recommended by Yamaha • Keyboard stand: L-2C • Headphones: HPH-150, HPH-100, HPH-50 • Footswitch: FC4A, FC5 • Keyboard bag: SC-KB630 (for PSR-E383, YPT-380), SC-KB730 (for PSR-EW320, YPT-W320) 				

* 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.

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About open source software

The firmware of this product contains open source software. For copyright information and terms of use for each open source software, access the Yamaha website below:

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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/pkbwarranty

Customer Service:

Yamaha Corporation of America
6600 Orangethorpe Avenue, Buena Park, CA 90620
Telephone: 800-854-1569

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

English	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 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
Deutsch	Wichtiger Hinweis: Garantie-Information für Kunden in der EWV* und der Schweiz Für nähere Garantie-Information über dieses Produkt von Yamaha, sowie über den Pan-EEA*- 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-Vertriebs-EMV. Europäischen Wirtschaftsraum
Français	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
Nederlands	Belangrijke mededeling: Garantie-informatie voor klanten in de EER* en Zwitserland Voor gedetailleerde garantie-informatie over dit Yamaha-product en de garantieservice in de heel de EER* en Zwitserland, gaat u naar de website van Yamaha (u vindt een afdrukbare bestand op onze website) of neemt u contact op met de vertegenwoordiging van Yamaha in uw land. * EER: Europees Economisch Ruimte
Español	Aviso importante: información sobre la garantía para los clientes del EEE* y Suiza Para una información detallada sobre este producto Yamaha y sobre el servicio de garantía en la zona EEE* y Suiza, visite la dirección de Internet que aparece a continuación (se puede imprimir) o póngase en contacto con el representante de Yamaha en su país. * EEE: España Económica Europea
Italiano	Aviso 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 nel paese 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
Português	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
Ελληνικά	Σημαντική σημείωση: Πληροφορίες εγγυήσεως για τους πελάτες στον ΕΟΧ* και Ελβετία Για λεπτομερείς πληροφορίες εγγυήσεως, ελάτε μας το παρόν προϊόν της Yamaha και την κάλυψη εγγυήσεως σε όλες τις χώρες του ΕΟΧ* και την Ελβετία, επισκεφτείτε την ιστοσελίδα που αναφέρεται παρακάτω (έχει τη δυνατότητα να εκτυπωθεί) ή επικοινωνήστε με τον αντιπρόσωπο της Yamaha στο χώρο σας. * ΕΟΧ: Ευρωπαϊκό Οικονομικό Χώρο
Svenska	Viktig information för kunder i EES-området* och Schweiz 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 Yamaha officiella representant i ditt land. * EES: Europeiska Ekonomiska Samarbetsområdet
Norsk	Viktig merknad: Garantinformasjon for kunder i EEO*-området* og Sveits Detaljert garantinformasjon om dette Yamaha-produktet og garantiservice for hele EEO*-området* og Sveits kan fås enten ved å besøke nettstedet som er angitt nedenfor (en utskriftsvennlig fil finnes på våre nettsider) eller kontakte kontaktpunktet i landet der du bor. *EEO: Det europeiske økonomiske samarbeidsområdet
Dansk	Vigtig oplysning: Garantioplysninger til kunder i EEO* og Schweiz De kan finde detaljerede garantioplysninger om dette Yamaha-produkt og den tæles garantiservice for EEO* (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. * EEO: Det Europæiske Økonomiske Område

Stuoni	Tärkeä ilmoitus: Takuutiedot Euroopan talousalueen (ETA)* ja Sveitsin asiakkaille Tämän Yamaha-tuotteen sekä ETA-alueen ja Sveitsin takuuta koskevat yksityiskohtaiset tiedot saate alla olevasta nettositeltestä. (Tulostettava tiedosto saatavissa sivustollamme.) Voitte myös ottaa yhteyttä paikalliseen Yamaha-edustajaan. *ETA: Euroopan talousalue
Polski	Ważne: Warunki gwarancji dotyczące obowiązujące w EEO* i Szwajcarii Aby dowiedzieć się więcej na temat warunków gwarancyjnych tego produktu firmy Yamaha i serwisu gwarancyjnego w całym EEO* i Szwajcarii, należy odwiedzić wskazaną poniżej stronę internetową (plik pobory do wydruku znajdują się na naszej stronie internetowej) lub skontaktować się z przedstawicielstwem firmy Yamaha w swoim kraju. * EEO – Europejski Obszar Gospodarczy
Česky	Důležité oznámení: Zásady informací pro zákazníky v EHS* a ve Švýcarsku Podrobné zásady informací o tomto produktu Yamaha a záručním servisu v celém EHS* a ve Švýcarsku naleznete na této webové stránce (soubor k tisku je dostupný) na našich webových stránkách) nebo se můžete obrátit na zastupující firmu Yamaha ve vaší zemi. * EHS: Evropský hospodářský prostor
Magyar	Fontos figyelemzetés: Garancia-információ 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 keresse fel a webhelyünket az alábbi címeken (a webhelyen nyomtatható fájl is található), vagy pedig lépjen kapcsolatba az országában működő Yamaha képviselőirodával. * EGT: Európai Gazdasági Térség
Esstl keel	Ouline märkus: Garantiteave Euroopa Majanduspiirkonna (EMPY) ja Šveitsi klientidele Täpsemat teabes saamiseks saate Yamaha toote garantii ning kogu Euroopa Majanduspiirkonna ja Šveitsi garantiteavetamiseks kohta, külastage palun veebilehti alljärgnevat aadressil (meie saidil on saadaval printida fail) või pöörduge Teie riigi Yamaha esinduse poole. * EMPY: Euroopa Majanduspiirkond
Latviešu	Svarīgi paziņojumi: garantijas informācija klientiem EEZ* un Šveicā Lai saņemtu detalizētu garantijas informāciju par šo Yamaha produktu, kā arī garantijas aplikāšanu EEZ* un Šveicā, lūdzam apmeklēt šīs mājaslapas vai izdrukāt šīs informācijas failus, kas ir pieejams drukājamā failā) vai sazināties ar jūsu valdīi aplikājošo Yamaha pārstāvniecību. * EEZ: Eiropas Ekonomikas zona
Lietuvių kalba	Dėmesio: informacija dėl garantijos priekšams EEE* ir Šveicarijoje Jei reikia išsames informacijos apie šį „Yamaha“ produktą ir jo techninę priežiūrą, visą EEE* ir Šveicarijoje, apsilankykite mūsų svetainėje taikau nurodytu adresu (svetainėje yra spausdinamas failas) arba kreipkitės į „Yamaha“ atstovą be savo šaliai. *EEE – Europos ekonominė erdvė
Slovenščina	Določite upozornenie: Informacije o zruke pro zakonikov v EHP* a Švajcarsku Podrobne informacije o zruke (tj. kako se tohto produktu od spočobnosti Yamaha a garancijom servise v EHP* a Švajcarsku najdeite na webovej strani navedene nižje (na našej weboviji stranike je k dispoziciji slobor na tisk) alebo sa obratite na zastupnik spobnosti Yamaha vo svojej krajini. * EHP: Evropský hospodársky priestor
Slovenščina	Pomembno obvestilo: Informacije o garanciji za kupca v EOP* in Švici Za podrobne informacije o tem Yamaha izdelkih ter garancijskem servisu v celotnem EOP in Švici, obiščite spletno mesto, ki je navedeno spodaj (tiskalno datoteko je na voljo na naši strani spletni mesni), ali se obrnite na Yamahinega predstavnika v vaši državi. * EOP: Evropski gospodarski prostor
Български език	Важно съобщение: Информация за гаранцията за клиентите в ЕИП* и Швейцария За подробна информация за гаранцията за този продукт на Yamaha и гаранционното обслужване в палеоевропейската 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
Limba română	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
Hrvatski	Važna obavijest: Informacije o jamstvu za države EGP-a i Švicarske Za detaljne informacije o jamstvu za ovaj Yamaha proizvod te jamstvenom servisu za cijeli EGP i Švicarsku, molimo Vas da posjetite webstranicu navedenu u nastavku. Il kontraktirane obavijesti Yamahinog Jamstvenog Obavijesti u svojoj zemlji. * EGP: Evropski gospodarski prostor

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

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Français

Pour obtenir des informations sur le ou les produits, contactez votre représentant ou revendeur agréé Yamaha le plus proche. Vous le trouverez à l'aide du code-barres 2D ci-dessous.

Español

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Italiano

Per dettagli sui prodotti, contattare il rappresentante Yamaha o il distributore autorizzato più vicino, che è possibile trovare tramite il codice a barre 2D in basso.

Português

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