Before using the instrument, be sure to read “PRECAUTIONS” on pages 4-5.
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.
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.
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 24). 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.

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

**Wireless unit**
- Radio waves from this product may affect electro-medical devices, such as a heart pacemaker implant or defibrillator implant.
  - Do not use the product near medical devices or inside medical facilities. Radio waves from this product may affect electro-medical devices.
  - Do not use the product within 15 cm (6 in.) of persons with a heart pacemaker implant or a defibrillator implant.

**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.

**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.
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.

**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. When turning on airplane mode, Bluetooth® settings may be turned off. Make sure that the setting is turned on before use.
- 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.
- 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 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 14) are retained when the power is turned off. However, the saved data may be lost due to some failure, an operational mistake, etc.
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 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.
• Unless indicated otherwise, the illustrations as shown in this manual are based on the P-225 (in English).
• The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Yamaha Corporation is under license.

• 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.

About Bluetooth
Bluetooth is a technology for wireless communication between devices within an area of about 10 meters (33 ft.) employing the 2.4 GHz frequency band.

Handling Bluetooth communications
• The 2.4 GHz band used by Bluetooth compatible devices is a radio band shared by many types of equipment. While Bluetooth compatible devices use a technology minimizing the influence of other components using the same radio band, such influence may reduce the speed or distance of communications and in some cases interrupt communications.

• The speed of signal transfer and the distance at which communication is possible differs according to the distance between the communicating devices, the presence of obstacles, radio wave conditions and the type of equipment.
• Yamaha does not guarantee all wireless connections between this unit and devices compatible with Bluetooth function.

Bluetooth capability
Depending on the country in which you purchased the product, the instrument may not have Bluetooth capability. If the Bluetooth logo is printed on the control panel, this means that the product is equipped with Bluetooth functionality.
Thank you for purchasing the Yamaha Digital Piano!
This instrument is compact, portable, and allows for authentic piano performance anywhere. 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.

Contents

PRECAUTIONS ..................................................4
About the Manuals ..............................................8
Included Accessories ..........................................9
Features ..................................................................9
Panel Controls and Terminals 10

Setting Up 13
Power Requirements ..............................................13
Turning the Power On/Off ....................................13

Basic Operations 14
Operations by using both buttons and keys ......14
Backup and Initializing .......................................14

Playing with Various Voices 15
Selecting a Voice ...............................................15
Layering Two Voices in Different Voice Groups (Dual) ..............................................................15
Playing Duo ........................................................16
Discovering the Voices with the Voice Demo Songs .................................................................16

Using the Metronome 17

Playing Back Songs 18
Playing back a Song while Muting the Right or Left Part ...........................................................18

Adding Accompaniment to Your Performance (Rhythm) 19

Useful Performance Settings 20
Sound Settings .....................................................20
Changing the Touch Sensitivity ..............................20

Recording Your Performance 21
Quick Recording ....................................................21
Deleting the User Song ........................................21

Connecting Other Equipment 22
Using Smart Device Apps ......................................22
Listening to Audio via Bluetooth on this Instrument (Bluetooth Audio Function) ...................... 22

Troubleshooting 23

Appendix

Specifications 24

Index 25

P-225, P-223 All Functions/Operations 26

Song/Rhythm List 27
About the Manuals
This instrument has the following manuals.

Supplied with the instrument

- **P-225, P-223 Owner’s Manual**
  Explains the basic functions of this instrument.

<table>
<thead>
<tr>
<th>General contents of the notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WARNING</strong></td>
</tr>
<tr>
<td><strong>CAUTION</strong></td>
</tr>
<tr>
<td><strong>NOTICE</strong></td>
</tr>
<tr>
<td>[NOTE]</td>
</tr>
</tbody>
</table>

Available on the website

- **Reference Manual**
  Explains all functions of this instrument including advanced functions.
  Read this manual if you need more detailed information of each function or operation method, including MIDI-related information. For the functions explained only in the Reference Manual, refer to page 26.

- **Quick Operation Guide**
  Shows in chart form the functions assigned to the keyboard.
  This can be printed out and placed it on a music rest for use as a quick reference for important operations.

- **Smart Pianist User Guide**
  Explains how to set up and use a smart device with the dedicated Smart Pianist app (page 22) for controlling this instrument.

- **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 the instrument to a computer, and other operations.

To obtain these manuals, access the Yamaha website below:

**Yamaha Downloads**
[https://download.yamaha.com/](https://download.yamaha.com/)
After selecting your country and clicking on “Manual Library,” enter the model name, etc. to search for the desired files.

* 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.
Included Accessories

- Owner’s Manual (this book) ×1
- Footswitch ×1
- AC adaptor ×1*  
  * May not be included depending on your particular area. Please check with your Yamaha dealer.
- Online Member Product Registration ×1
- Music rest ×1

Features

Authentic sounds and naturally expressive keyboard
This instrument features piano sounds created with samples of the Yamaha CFX flagship concert grand piano and GHC (Graded Hammer Compact) Keyboard which provides a compact way to get natural acoustic-piano feel. Together they provide true piano performance and enjoyment.

Compatibility with convenient smart device apps ➤ page 22
This instrument is compatible with two highly convenient and powerful apps: Smart Pianist and Rec ‘n’ Share. Simply by connecting this instrument to a smart device, you can use these apps to get even more operational and performance power out of your digital piano. For details on the apps, refer to page 22.

Bluetooth audio function for wireless audio playback ➤ page 22
This lets you play audio from a Bluetooth-equipped smart device via the built-in speakers —letting you enjoy performing with your favorite songs, or just listening to music on this instrument instead of an audio device.

Convenient on-stage performance functions ➤ page 20
This compact and portable instrument also features the following useful functions for performing on stage or in live spaces.

- **Sound Boost:** This function increases the volume and enhances the presence of the keyboard sound, to help your sound stand out when playing along with other instruments or in noisy environments.
- **Transpose:** This lets you easily match the pitch of the keyboard to the range of other instruments.
Panel Controls and Terminals

[Standby/On] switch, Power lamp (page 13)
For turning the power on or setting to standby. The lamp on the right side indicates the on/off status of the instrument.

[VOLUME] slider (page 13)
For adjusting the volume of the entire sound.

[DEMO/SONG] button (page 16, 18)
For playing the Demo Songs and preset Songs.

[PHONES] jacks
For connecting a set of standard headphones. You can connect two pairs of headphones. If you are using only one pair, insert the plug into either of these jacks.

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

[PHONES] jacks
Adaptor plug (3.5 mm => 6.35 mm)
Stereo mini plug (3.5 mm)

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

Indications for key-based operations (page 14, 17-20)
Operate by using both buttons and keys
These indications show that the corresponding keys control a certain function, which is operated by a combination of the panel buttons.

[-][+], [L][R] buttons (page 17, 18, and 21)
Using as the [-][+] buttons
For adjusting the tempo (page 17), and selecting a Song during playback (page 18).

Using as the [L][R] buttons
For selecting the Song part for playback (page 18) and recording (page 21).

Front Panel

This panel illustration is of the P-255.
Panel Controls and Terminals

**[METRONOME] button** (page 17)
For starting or stopping the metronome.

**[RHYTHM] button** (page 19)
For starting or stopping the rhythm (drums and bass accompaniment).

**What is Rhythm?**
This instrument features dynamic Rhythm patterns, consisting of drums and bass accompaniment. Pressing the [RHYTHM] button starts the percussion part and playing the keyboard with your both hands starts bass accompaniment (page 19).

**Using as the [FUNCTION] buttons**
While simultaneously holding down the [METRONOME] and [RHYTHM] buttons, pressing the appropriate key lets you make various settings. Holding down the [METRONOME] and [RHYTHM] buttons for longer than three seconds starts pairing between this instrument and a Bluetooth-equipped device such as a smartphone (page 22).
* Bluetooth function described above may not be available depending on the country in which you purchased the product (page 6).

**[ⓐ] (Record) button** (page 21)
For recording your keyboard performance.

**[▶/■] (Play/Stop) button** (page 18, 21)
For playing back/stopping the recorded performance (User Song) or stopping preset Songs.

**Rear Panel**
Refer to page 12.

**Built-in speakers** (Refer to the Reference manual on the Yamaha website.)
You can set whether the sound of this instrument is always output from these speakers(on) or not(off), or mute the sound output only when headphones are connected (auto).
**Default Setting:** Auto

**Voice buttons** (pages 15 - 16)

**Selecting a Voice**
Press a desired Voice (group) button.

You can select from among four different Voices with a Voice button. Each press of the same button turns on/off the [VARIATION] lamp and selects one of four Voices in sequence. For details on the preset Voices, refer to the Voice List on page 15.
**Panel Controls and Terminals**

**[USB TO HOST] terminal**

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.

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

**[PEDAL UNIT] jack**

For connecting one of the separately sold pedal units: LP-1 (for P-225) or LP-5A (for P-223). Both of them feature the Half-pedal function*. For details on the pedals, refer to the Reference Manual on the Yamaha website (see page 8).

Make sure to assemble the unit on a separately sold Keyboard Stand (L-200 or L-100).

- * Half-pedal function: Allows you to vary the sustain length depending on how far the pedal is pressed.

**[SUSTAIN] jack**

For connecting the included footswitch, or one of the separately sold accessories: the FC3A foot pedal (features Half-pedal function*) or the FC4A/FC5 footswitch. These let produce a natural sustain as you play.

**CAUTION**

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

---

**AUX OUT [R] [L/L+R] jacks**

For connecting external audio equipment such as powered speakers in order to play at higher volumes.

**Rear Panel**

- **DC IN jack** (page 13) For connecting the included or specified AC adaptor (page 24).

**[SUSTAIN] jack**

For connecting the included footswitch, or one of the separately sold accessories: the FC3A foot pedal (features Half-pedal function*) or the FC4A/FC5 footswitch. These let produce a natural sustain as you play.

**[PEDAL UNIT] jack**

For connecting one of the separately sold pedal units: LP-1 (for P-225) or LP-5A (for P-223). Both of them feature the Half-pedal function*. For details on the pedals, refer to the Reference Manual on the Yamaha website (see page 8).

Make sure to assemble the unit on a separately sold Keyboard Stand (L-200 or L-100).

- * Half-pedal function: Allows you to vary the sustain length depending on how far the pedal is pressed.

---

**[USB TO HOST] terminal**

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.

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

---

**NOTICE**

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

Power Requirements

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

1. DC IN jack (page 12)
2. AC adaptor
3. AC outlet

WARNING
- Use the included or specified AC adaptor (page 24). 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.
- When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn the power off and disconnect the plug from the outlet.

NOTE
- Follow the order shown in reverse 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.

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.

Default setting: Enable

Disabling Auto Power Off (simple method)
Turn the power on while holding down the lowest key on the keyboard. The [ ] (Record) lamp flashes three times.
Basic Operations

Operations by using both buttons and keys

Some functions of this instrument are operated with a combination of buttons and keys. While holding down one of the buttons, press the appropriate key to turn the function on or off, set the value, etc. (page 17-20).

The “Quick Operation Guide” shows in chart form the functions assigned to the keyboard, and is available on the Yamaha website (see page 8). This can be printed out and placed it on a music rest for use as a quick reference for important operations.

To turn on/off the Operation Confirmation Sounds:

Operations using a button and key combination produces a confirmation sound (“On,” “Off,” click, and tempo value input). While simultaneously holding down the [METRONOME] and [RHYTHM] buttons, press the lowest key or second lowest key to turn the sound on/off.

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

- User Song
- Parameter settings:
  - Metronome/Rhythm Volume, Metronome Beat, Touch Sensitivity, Tuning, Auto Power Off setting, Operation Confirmation Sounds on/off, Split Point *, IAC on/off *, IAC Depth *, Intro/Ending on/off *, AUX OUT volume settings *, Stereophonic Optimizer on/off *, Speaker on/off *, Wall EQ on/off *, Bluetooth on/off *
  
  * For details on the asterisk-marked parameters above, refer to the Reference Manual on the Yamaha website (see page 8).

Backup and Initializing

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

- User Song
- Parameter settings:

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

  * For details on the asterisk-marked parameters above, refer to the Reference Manual on the Yamaha website (see page 8).

To initialize the backup parameters:

While holding down the highest key, turn the power on to initialize the backup parameters to the factory initial settings.
Playing with Various Voices

Selecting a Voice

Press one of the desired Voice (group) buttons.

Each press of the same button turns the [VARIATION] lamp on/off and selects one of four Voices in sequence.

For details on the characteristics of each Voice, listen to the Voice Demo Songs (page 18) or refer to the “Voice List (Detailed)” in the Reference Manual on the Yamaha website (see page 8).

Selecting a Voice with the [+BASS] button (Split)

Pressing the [+BASS] button changes the Voice for the Left section (F#2 key and all keys to the left) to one of the bass Voices. This enables you to play two different Voices with your left and right hands (Split function). The bass Voice changes in sequence each time the [+BASS] button is pressed. Select the Voice for the Right first, and then for the Left.

To return to the same Voice for Left and Right (exit from Split function), press any Voice button.

Layering Two Voices in Different Voice Groups (Dual)

First, select two desired Voices from different Voice groups, and then press those Voice buttons simultaneously to enable the Dual function.

To exit from the Dual function, press any Voice button.

NOTE

- You cannot layer two Voices from the same Voice group or select two Voices with the same Voice button.
- The Dual function is not available while the Duo function (page 16) is on.

Voice List

<table>
<thead>
<tr>
<th>Voice Button (Group)</th>
<th>PIANO</th>
<th>E.PIANO</th>
<th>ORGAN</th>
<th>CLV/VIB.</th>
<th>STRINGS</th>
<th>OTHERS</th>
<th>+BASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice Name</td>
<td>P-225</td>
<td>P-223</td>
<td>P-225</td>
<td>P-223</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grand Piano</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Live Grand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ballad Grand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bright Grand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Layering Two Voices in Different Voice Groups (Dual)

First, select two desired Voices from different Voice groups, and then press those Voice buttons simultaneously to enable the Dual function.

To exit from the Dual function, press any Voice button.
Playing with Various Voices

### Playing Duo

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

To turn the Duo function on/off, hold down the [PIANO] button and simultaneously press the [-] and [+] buttons.

![Diagram showing left and right players and octave ranges](image)

### Discovering the Voices with the Voice Demo Songs

Pressing the [DEMO/SONG] button starts playback of all Demo Songs from the Grand Piano Voice (page 15) in sequence.

To listen to the desired Voice Demo Song, simultaneously hold down the [DEMO/SONG] button and select the desired Voice (page 15).

Refer to page 18 for changing the Demo Song during playback and page 17 for adjusting the tempo. To stop playback, press the [DEMO/SONG] or the [▶/■] (Play/Stop) button.

Special individual Demo Songs are provided for all of the Voices of the instrument except for Electric Bass, Bass & Cymbal, and Fretless Bass (page 15). The demonstration pieces listed below are short, rearranged excerpts of the original compositions. All other Songs are original (©Yamaha Corporation).

#### Demo Song List

<table>
<thead>
<tr>
<th>Voice Name</th>
<th>Title</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ballad Grand</td>
<td>Intermezzo, 6 Stücke, op.118-2</td>
<td>J.Brahms</td>
</tr>
<tr>
<td>Organ Principal</td>
<td>Herr Christ, der ein'ge GottesSohn, BWV 601</td>
<td>J.S. Bach</td>
</tr>
<tr>
<td>Organ Tutti</td>
<td>Triosonate Nr.6, BWV 530</td>
<td>J.S. Bach</td>
</tr>
<tr>
<td>Harpsichord 8’</td>
<td>Concerto a cembalo obbligato, 2 violini, viola e continuo No.7, BWV 1058</td>
<td>J.S. Bach</td>
</tr>
<tr>
<td>Harps.8’+4’</td>
<td>Gigue, Französische Suiten Nr.5, BWV 816</td>
<td>J.S. Bach</td>
</tr>
</tbody>
</table>
Using the Metronome

The Metronome is convenient for practicing with an accurate tempo.

**Basic Operations**

Press the [METRONOME] button to start/stop the Metronome.

---

**To adjust the tempo:**

**Setting range:** 5-280 (Default setting: 120)

When the metronome is playing back, press [+ ] to increase or [- ] to decrease.
While holding down the [METRONOME] button, press the lowest key to confirm by voice the current tempo value (in English).

While holding down the [METRONOME] button, press the appropriate key between C1 and A1 to specify a three-digit value (see the illustration below). For example to specify “80,” press the relevant G1 (8) and A1 (0) keys in order.

Holding either button continuously increases or decreases the value.

Pressing the buttons simultaneously resets to the default setting.

---

While holding down the [METRONOME] button, press the [METRONOME] button to make various settings for the Metronome. For details on the settings, including the default setting, refer to the Reference Manual on the Yamaha website (see page 8).

---

While holding down the [METRONOME] button, press the appropriate key to make various settings for the Metronome.

---

**Adjusting the tempo during Song playback**

**Page 16 and 18**

While holding down the [METRONOME] button, press the [- ] or [+ ] button.
Playing Back Songs

This instrument contains 50 preset piano Songs. Select and play back a Song from the Song List below.

Basic Operations

1. While holding down the [DEMO/SONG] button, press the key corresponding to the desired preset Song between (C2-C#6; see illustration below) to start playback.

   The preset Songs will play back in sequence continuously, starting with the selected Song.

   To play back the selected Song repeatedly:
   While holding down the [DEMO/SONG] button, press the key corresponding to the desired Song for a second or longer. Voice Demo Songs (page 16) or User Song (page 21) cannot be played back repeatedly.

2. Press the [DEMO/SONG] or [▶/■] (Play/Stop) button to stop playback.

   To change the Song during playback:
   While holding down the [DEMO/SONG] button, press the [R] or [L] button that you want to mute during Song playback.

   To adjust the playback tempo:
   Refer to page 17.

Quick play
(For details, refer to the Reference Manual on the Yamaha website.)

50 Preset Songs (50 Classics) Song number / Song name

1  Canon D dur 11  Salut d’amour op.12 21  Prelude (Wohlfahrt’s Fugue in G Major BWV 846) 31  Etude op.10-3 “Chanson de l’adieu” 41  Humoresque
2  Air On the G String 12  From the New World 22  Menuett G dur BWV Anh.114 32  Etude op.10-12 “Revolutionary” 42  Arietta
3  Jesus, Joy of Man’s Desiring 13  Sicilienne 23  Piano Sonata No.15 K.545 1st mov. 33  Valse op.64-1 “Petit chien” 43  Tango (España)
4  Twinkle, Twinkle, Little Star 14  Clair de lune 24  Turkish March 34  Nocturne op.9-2 44  The Entertainer
5  Piano Sonata op.31-2 “Tempête” 15  Jupiter (The Planets) 25  Piano Sonate op.13 “Pathétique” 2nd mov. 35  Nocturne K44a-16/Bi 49  Maple Leaf Rag
6  Ode to Joy 16  Menuett (Eine kleine Nachtmusik K.525) 26  Für Elise 36  Träumerei 46  La Fille aux Cheveux de Lin
7  Wiegenlied op.98-2 17  Menuett G dur 27  Piano Sonate op.27-2 “Mondschein” 1st mov. 37  Barcarolle 47  Arabesque No.1
8  Grande Valse Brillante 18  Marcia alla Turca 28  Impromptu op.80-2 “Mondschein” 1st mov. 38  La prière d’une Vierge 48  Cakewalk
9  Polonaise op.53 “Héroïque” 19  Piano Concerto No.1 op.11 2nd mov. 29  Frühlingslied op.62-6 39  Liebestraume No.3 49  Je te veux
10  La Campanella 20  The Nutcracker Medley 30  Fantaisie-Impromptu 40  Blumenlied 50  Gymnopédies No.1

Playing back a Song while Muting the Right or Left Part

By muting the Right part (R) or the Left part (L) of a Song, you can practice the muted part while listening to another part. To mute either part, simultaneously hold down the [▶/■] (Play/Stop) button and press the [R] or [L] button that you want to mute during Song playback.

Lowest key

(For details, refer to the Reference Manual on the Yamaha website.)

While holding down
Adding Accompaniment to Your Performance (Rhythm)

This instrument features a powerful Rhythm function, consisting of drum and bass accompaniment patterns (page 27), allowing you to play along with your favorite rhythmic backing tracks.

**Basic Operations**

1. **Press the [RHYTHM] button to start Rhythm.**
   The percussion part starts from the Intro section.

   **To select a different Rhythm:**
   While holding down the [RHYTHM] button, press a key between F2 and C4 (see the illustration below).

   **To adjust the tempo:**
   Setting range: 5-280 (Default setting: 120)
   When the rhythm is playing back, press [+] to increase or [-] to decrease.
   While holding down the [RHYTHM] button, press the lowest key to confirm by voice the current tempo value (in English).

   ![Image of tempo adjustment](Note: An image illustrating the tempo adjustment is not provided.)

2. **Play the keyboard along with the Rhythm.**
   The instrument creates accompaniment bass sound according to the notes you play.

3. **Press the [RHYTHM] button to stop playback.**

While holding down the [RHYTHM] button, press the appropriate key to make various settings for the Rhythm. For details on the settings, including the default setting, refer to the Reference Manual on the Yamaha website (see page 8).
Useful Performance Settings

This instrument contains a variety of convenient functions useful when performing.
For details on the functions below as well as other functions, refer to the Reference Manual on the
Yamaha website (see page 8).

**Sound Boost**

This function boosts the overall sound. By using this function, when playing along with other instruments or
playing in a noisy environment, you can raise the volume and enhance the presence of your performance. Select
the desired type from Speaker, Output, and Off depending on your performance situation.

*Default setting: Off*

**Transpose**

You can shift or transpose the pitch of the entire keyboard up or down in semitone steps. This lets you easily
match the pitch of the keyboard to the range of other instruments. For example, if you enter a transpose setting of
“+5,” playing a C key will produce a F pitch.

**Tuning**

You can fine tune the pitch of the entire instrument. This can be extremely useful when playing your digital piano
along with other instruments. To set the tuning value not 440.0 or 442.0 Hz, while holding down the
[METRONOME] and [RHYTHM] buttons, press the [-] or [+] buttons.

*Default setting: 440.0Hz*

**Changing the Touch Sensitivity**

When you play with a Voice (excepting organ or harpsichord), you can specify the degree of Touch Sensitivity
(how the sound responds to your playing strength). There are four Touch Sensitivity types to select from: Soft,
Medium, Hard, and Fixed.

*Default setting: Medium*
Recording Your Performance

You can record your keyboard performance as a User Song.

**NOTICE**

- Note that the Recording operation replaces already recorded data with the newly recorded data, since only one User Song is available. Before recording, check whether a User Song exists or not by pressing the [▶/■] button. If it has already been recorded, it will be played back.

### Quick Recording

1. Before recording, make important settings, such as Voice, metronome, and Rhythm.

2. Press the [●] (Record) button to enable the Record Ready mode.

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

3. Play the keyboard or press the [▶/■] (Play/Stop) button to start recording.

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

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

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

### Deleting the User Song

1. While holding down the [●] button, press the [DEMO/SONG] button.

   To exit from this status, press the [●] button.

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

### Recording Independently to Two Parts

You can record your performance to the Right part (R) and Left part (L) separately.

1. While holding down the [●] button, press the [R] or [L] button to enable Record Ready mode.

   The [●] lamp will flash.

2. Play the keyboard or press the [▶/■] button to start recording.

3. Press either the [●] or [▶/■] button to stop recording.

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

   If you want to re-record either part (R or L), return to step 1.

---

P-225, P-223 Owner’s Manual 21
Connecting Other Equipment

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

**NOTE**
- For connections to equipment other than the following, refer to page 12.

### Using Smart Device Apps

By connecting this instrument to a smart device, you can use convenient and powerful apps described below to get even more enjoyable musical use from it.

For details on these apps or compatible smart devices, access the web pages of the respective apps on the following page:

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

**Smart Pianist**

Smart Pianist (free download) lets you make various setting intuitively while viewing the screen.

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


**Rec 'n' Share**

Rec 'n' Share allows you to record your performances on this instrument, edit them and even make videos of them, and then share them with people around 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.

### Listening to Audio via Bluetooth on this Instrument (Bluetooth Audio Function)

**Before using the Bluetooth function, be sure to read “About Bluetooth” on page 6.**

You can play the sound of audio data saved in a Bluetooth-equipped device, such as a smartphone or portable audio player, on this instrument and listen to it through the built-in speakers of the instrument.

**NOTE**
- This instrument cannot transmit audio data to Bluetooth-equipped devices via Bluetooth.
- Bluetooth headphones or Bluetooth speakers cannot be connected or used with this instrument.
- Smart device apps such as Smart Pianist cannot be used via Bluetooth.

1. **Hold down the [METRONOME] and [RHYTHM] buttons simultaneously for three second or longer to pair with a Bluetooth-equipped device (Pairing***).

   *Pairing: To register this instrument with a Bluetooth-equipped device and establish mutual recognition for wireless communication between the two.

   To cancel the paring, press any button.

2. **On the Bluetooth-equipped device, set the Bluetooth function to on and select the instrument “P-225 AUDIO” or “P-223 AUDIO” from the connection list.**

   Make sure to complete this operation while the [METRONOME] and [RHYTHM] buttons are flashing.

3. **Play back audio data on the Bluetooth-equipped device to confirm that the built-in speakers of the instrument can output the audio sound.**
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause and Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>When the instrument is turned on or off, a popping sound is temporarily produced.</td>
<td>This is normal and indicates that the instrument is receiving electrical power.</td>
</tr>
<tr>
<td>The instrument does not turn on.</td>
<td>The instrument has not been plugged in properly. Securely connect the AC adaptor to the DC IN jack on the instrument and to the AC outlet (page 13).</td>
</tr>
<tr>
<td>The instrument is automatically turned off even if no operation is done.</td>
<td>This occurs due to the Auto Power Off function (page 13). If necessary, disable the Auto Power Off function.</td>
</tr>
<tr>
<td>Noise is heard from the speakers or headphones.</td>
<td>The noise may be due to interference caused by the use of a mobile phone in close proximity to the instrument. Turn off the mobile phone, or use it further away from the instrument.</td>
</tr>
<tr>
<td>Noise is heard from the instrument’s speakers or headphones when using the instrument with your smart device, such as smartphone or tablet.</td>
<td>When you use the instrument along with your smart device, we recommend that you set that device’s “Airplane Mode” to on in order to avoid noise caused by communication.</td>
</tr>
<tr>
<td>The overall volume is low, or no sound is heard.</td>
<td>The instrument’s speakers are turned off. Turn them back on. For details on this operation, refer to the Reference Manual on the Yamaha website (see page 8).</td>
</tr>
<tr>
<td>Moving the [VOLUME] slider does not change the volume of the headphones.</td>
<td>Make sure a pair of headphones or conversion adaptor is not connected to the headphones jack (page 10). Make sure that Local Control is set to ON. For details, refer to the Reference Manual on the Yamaha website (see page 8).</td>
</tr>
<tr>
<td>The pedal has no effect.</td>
<td>The pedal cable/plug may not be properly connected. Make sure to securely insert the pedal plug into the [SUSTAIN] or [PEDAL UNIT] jack (page 12).</td>
</tr>
<tr>
<td>The footswitch (for sustain) seems to produce the opposite effect.</td>
<td>The polarity of the footswitch (page 12) 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.</td>
</tr>
<tr>
<td>The Bluetooth-equipped device cannot be paired with nor connected to the instrument.</td>
<td>Check the Bluetooth function of the Bluetooth-equipped device is activated. To connect the Bluetooth-equipped device and the instrument, the Bluetooth function of both devices must be turned on. The Bluetooth-equipped device and the instrument need to be paired to connect each other via Bluetooth (page 22). In case there is a nearby device (microwave oven, wireless LAN device, etc.) that outputs signals in the 2.4 GHz frequency band nearby, move this instrument away from the device that is emitting radio-frequency signals.</td>
</tr>
<tr>
<td>When using a DAW (Digital Audio Workstation) with the instrument, there is a loud noise or abnormal sound.</td>
<td>Depending on the settings of the computer or the application software, a loud sound may occur. Set the Audio Loop Back function to off. For details on this operation, refer to the Reference Manual on the Yamaha website (see page 8).</td>
</tr>
</tbody>
</table>
## Specifications

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th>Digital Piano</th>
</tr>
</thead>
</table>
| **Size/Weight** | Dimensions (W × D × H): 1,326 mm × 272 mm × 129 mm (52-3/16" × 10-11/16" × 5-1/16")  
Weight: 11.5 kg (25 lb, 6 oz) |
| **Control Interface** |  
Keyboard: 88  
Type: GHC (Graded Hammer Compact) Keyboard with matte black keytops  
Touch Response: Hard/Medium/Soft/Fixed |
| **Panel** | Language: English |
| **Voices** | Tone Generation: Piano Sound  
Yamaha CFX  
Piano Effect: Virtual Resonance Modeling (VRM) Lite  
Key-off Samples: Yes  
Polyphony (max.): 192  
Preset: Number of Voices: 24 |
| **Effects** | Types:  
Reverb: 4 types  
Wall EQ: Yes  
Intelligent Acoustic Control (IAC): Yes  
Stereophonic Optimizer: Yes  
Sound Boost: 2 types  
Functions: Dual, Split, Duo |
| **Rhythms** | Preset: Number of Rhythms: 20  
Song Recording/Playback (MIDI data only):  
Preset: Number of Preset Songs: 21 Voice Demo Songs, 50 Classics  
Recording: Number of Songs: 1  
Number of Tracks: 2  
Data Capacity: Approx. 100 KB/Song (approx. 11,000 notes) |
| **Overall Controls** | Metronome: Yes  
Tempo Range: 5 – 280  
Transpose: -6 – 0 – +6  
Tuning: 414.8 – 440.0 – 466.8 Hz (approx. 0.2 Hz increments)  
USB audio interface: 44.1 kHz, 24 bit, stereo |
| **Bluetooth** (Audio only) | • Bluetooth version: 5.0  
• Supported profile: A2DP  
• Compatible codec: SBC  
• Wireless output: Bluetooth class 2  
• Maximum communication distance: Approx. 10 m  
• Radio Frequency (Operational Frequency): 2,401-2,481 MHz  
• Maximum output power (EIRP): 4 dBm  
• Type of modulation: GFSK |
| **Connectivity** | DC IN: 12 V  
PHONES: Standard stereo phone jack(x 2)  
SUSTAIN: Yes  
AUX OUT: L/L+R, R  
PEDAL UNIT: Yes  
USB TO HOST: Yes (MIDI/Audio) |
| **Sound System** | Amplifiers: 7 W × 2  
Speakers: Oval (12 cm × 8 cm) × 2 + 5 cm × 2  
AC Adaptor: PA-150 or an equivalent recommended by Yamaha (Output: DC 12 V, 1.5 A)  
Power Consumption: 9 W (When using PA-150 AC adaptor)  
Auto Power Off: Yes |
| **Included Accessories** |  
• Owner’s Manual  
• Online Member Product Registration  
• Music rest  
• Footswitch  
• AC adaptor PA-150 or an equivalent recommended by Yamaha*  
* May not be included depending on your area. Check with your Yamaha dealer. |
| **Separately Sold Accessories** (May not be available depending on your area,) |  
• Headphones (HPH-50/HPH-100/HPH-150)  
• Footswitch (FC4A/FC5)  
• Foot pedal (FC3A)  
• Pedal unit (P-225:LP-1, P-223:LP-5A)  
• Keyboard stand (P-225: L-200, P-223:L-100)  
• Keyboard bag (SC-KB851)  
• Wireless MIDI adaptor (UD-BT01)  
• AC adaptor PA-150 or an equivalent recommended by Yamaha |

* 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.
Index

**Numerics**
- 50 Classics ........................................... 18, 27

**A**
- AC adaptor ........................................... 13
- Accessories ......................................... 9
- Accompaniment .................................... 19
- Auto Power Off .................................... 13
- AUX OUT ............................................. 12

**B**
- Backup ................................................ 14
- Bass .................................................... 19
- Beat ..................................................... 17
- Bluetooth .......................................... 6, 9, 22

**C**
- computer ............................................. 12
- Computer-related Operations ............... 8

**D**
- Delete .................................................. 21
- Demo Song .......................................... 16
- Demo Song List .................................... 16
- Dual .................................................... 15
- Duo ...................................................... 16

**E**
- Ending ................................................ 19

**F**
- Footswitch ........................................... 12

**H**
- Headphones ........................................ 10

**I**
- Initializing .......................................... 14
- Intelligent Acoustic Control (IAC) .......... 26
- Intro .................................................. 19

**M**
- Metronome .......................................... 17
- Metronome Volume .............................. 17
- Music rest .......................................... 9

**O**
- Operation Confirmation Sounds .......... 14

**P**
- Part ................................................... 18
- Parts .................................................. 21
- Pedal Unit .......................................... 12
- Playback (50 Preset Songs) ................... 18

**Q**
- Quick Operation Guide ....................... 8
- Quick play .......................................... 18

**R**
- Rec 'n' Share ...................................... 22
- Recording .......................................... 21
- Reference Manual ............................... 8
- Reverb .............................................. 26
- Rhythm .............................................. 19, 27
- Rhythm Volume ................................. 19

**S**
- smart device ....................................... 12
- Smart Pianist ..................................... 22
- Smart Pianist User Guide .................... 8, 22
- Song .................................................. 18, 27
- Sound Boost ....................................... 20
- Speaker ............................................. 11
- Split ................................................... 15

**T**
- Tempo (Metronome) ........................... 17
- Tempo (Rhythm) ................................. 19
- Touch Sensitivity ................................ 20
- Transpose .......................................... 20
- Troubleshooting ................................. 23
- Tuning ............................................... 20

**U**
- USB TO HOST ..................................... 12
- User Song .......................................... 21

**V**
- Version .............................................. 26
- Voice Demo Song ................................. 16
- Voice List .......................................... 15
- Voices .............................................. 15
- volume ............................................. 13
- Volume (Metronome) ......................... 17
- Volume (Rhythm) .............................. 19

**W**
- Wall EQ ............................................. 26
### Functions for Overall Instrument

<table>
<thead>
<tr>
<th>Function</th>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Power Off function</td>
<td>Page 13</td>
<td>To disable/enable the Auto Power Off function</td>
</tr>
<tr>
<td>Intelligent Acoustic Control (IAC)</td>
<td>RM</td>
<td>Determines the IAC Depth</td>
</tr>
<tr>
<td>Built-in speakers</td>
<td>Page 11</td>
<td></td>
</tr>
<tr>
<td>Operation confirmation sound setting</td>
<td>Page 14</td>
<td></td>
</tr>
<tr>
<td>Backup and Initialization</td>
<td>Page 14</td>
<td></td>
</tr>
<tr>
<td>Voice confirmation of firmware version</td>
<td>RM</td>
<td>For hearing the firmware version of this instrument in English.</td>
</tr>
</tbody>
</table>

### Functions for Performance

<table>
<thead>
<tr>
<th>Function</th>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selecting a Voice</td>
<td>Page 15</td>
<td></td>
</tr>
<tr>
<td>Selecting a Voice with the [+BASS] button (Split)</td>
<td>Page 15</td>
<td></td>
</tr>
<tr>
<td>Changing the Left Voice to any Voice other than bass</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Changing the Split Point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shifting the Octave for each Voice</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjusting the volume balance between two voices</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Dual</td>
<td>Page 15</td>
<td></td>
</tr>
<tr>
<td>Shifting the Octave for each Voice</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Adjusting the balance between two Voices</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Duo</td>
<td>Page 16</td>
<td></td>
</tr>
<tr>
<td>Shifting the Octave for each section</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Adjusting the volume balance between two keyboard sections</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Voice Demo Song playback</td>
<td>Page 16</td>
<td></td>
</tr>
<tr>
<td>Virtual Resonance Modeling Lite (VRM Lite)</td>
<td>RM</td>
<td>This reproduces the complicated interaction of sound resonances of a real acoustic grand piano.</td>
</tr>
<tr>
<td>Sound Boost</td>
<td>Page 20</td>
<td></td>
</tr>
<tr>
<td>Selecting a Sound Boost type</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Transpose</td>
<td>Page 20</td>
<td></td>
</tr>
<tr>
<td>Tuning</td>
<td>Page 20</td>
<td></td>
</tr>
<tr>
<td>Wall EQ</td>
<td>RM</td>
<td>This enables full sound, even if the instrument is placed up against a wall.</td>
</tr>
<tr>
<td>Touch Sensitivity</td>
<td>Page 20</td>
<td></td>
</tr>
<tr>
<td>Selecting the Touch Sensitivity</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Reverb</td>
<td>RM</td>
<td>This adds reverberation to the sound by simulating the natural reverberation of a concert hall.</td>
</tr>
<tr>
<td>Setting the Reverb Depth</td>
<td>RM</td>
<td></td>
</tr>
</tbody>
</table>

### Metronome

<table>
<thead>
<tr>
<th>Function</th>
<th>Page 17</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice confirmation of current Tempo value (in English)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tempo setting</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Beat (time signature) setting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume setting</td>
<td>RM</td>
<td></td>
</tr>
</tbody>
</table>

### Song playback

<table>
<thead>
<tr>
<th>Function</th>
<th>Page 18</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Playing back a Song repeatedly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Changing the Song during playback</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adjusting the Tempo</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Playing back from the beginning of the Song</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Playing back a Song while muting Right or Left Part</td>
<td>Page 18</td>
<td></td>
</tr>
</tbody>
</table>

### Rhythm

<table>
<thead>
<tr>
<th>Function</th>
<th>Page 19</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voice confirmation of current Tempo value (in English)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bass accompaniment, Intro/Ending on/off</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Tempo setting</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Rhythms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volume setting</td>
<td>RM</td>
<td></td>
</tr>
</tbody>
</table>

### Recording

<table>
<thead>
<tr>
<th>Function</th>
<th>Page 21</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Recording</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recording independently to two Parts</td>
<td>Page 21</td>
<td></td>
</tr>
<tr>
<td>Deleting the User Song</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Deleting a specific Part</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Changing the Initial settings of the recorded Song</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Connecting other equipment

<table>
<thead>
<tr>
<th>Function</th>
<th>Page 10, 22</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using headphones</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Using a sustain pedal/separately sold pedal unit</td>
<td>RM</td>
<td></td>
</tr>
<tr>
<td>Connecting external speakers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connecting to a computer/smart device</td>
<td>Page 22</td>
<td></td>
</tr>
<tr>
<td>Using the Smart Device app</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Listening to audio via Bluetooth on this instrument (Bluetooth Audio function)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MIDI related operations

<table>
<thead>
<tr>
<th>Function</th>
<th>RM</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIDI Transmit/Receive Channel selection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local Control on/off</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program Change on/off</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control Change on/off</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Song/Rhythm List

### 50 Preset Songs (50 Classics)

<table>
<thead>
<tr>
<th>No.</th>
<th>Key</th>
<th>Song Name</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>C2</td>
<td>Canon D dur</td>
<td>J. Pachelbel</td>
</tr>
<tr>
<td>2</td>
<td>C#2</td>
<td>Air On the G String</td>
<td>J. S. Bach</td>
</tr>
<tr>
<td>3</td>
<td>D2</td>
<td>Jesus, Joy of Man’s Desiring</td>
<td>J. S. Bach</td>
</tr>
<tr>
<td>4</td>
<td>D#2</td>
<td>Twinkle, Twinkle, Little Star</td>
<td>Traditional</td>
</tr>
<tr>
<td>5</td>
<td>E2</td>
<td>Piano Sonate op.31-2 “Tempest” 3rd mov.</td>
<td>L. v. Beethoven</td>
</tr>
<tr>
<td>6</td>
<td>F2</td>
<td>Ode to Joy</td>
<td>L. v. Beethoven</td>
</tr>
<tr>
<td>7</td>
<td>F#2</td>
<td>Wiegenlied op.98-2</td>
<td>F. P. Schubert</td>
</tr>
<tr>
<td>8</td>
<td>G2</td>
<td>Grande Valse Brillante</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>9</td>
<td>G#2</td>
<td>Polonaise op.53 “Héroïque”</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>10</td>
<td>A2</td>
<td>La Campanella</td>
<td>F. Liszt</td>
</tr>
<tr>
<td>11</td>
<td>A#2</td>
<td>Salut d’amour op.12</td>
<td>E. Elgar</td>
</tr>
<tr>
<td>12</td>
<td>B2</td>
<td>From the New World</td>
<td>A. Dvořák</td>
</tr>
<tr>
<td>13</td>
<td>C3</td>
<td>Sicilienne</td>
<td>G. U. Fauré</td>
</tr>
<tr>
<td>14</td>
<td>C#3</td>
<td>Clair de lune</td>
<td>C. A. Debussy</td>
</tr>
<tr>
<td>15</td>
<td>D3</td>
<td>Jupiter (The Planets)</td>
<td>G. Holst</td>
</tr>
</tbody>
</table>

#### Duets

<table>
<thead>
<tr>
<th>No.</th>
<th>Key</th>
<th>Arrangement</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>D#3</td>
<td>Menuett (Eine kleine Nachtmusik K.525)</td>
<td>W. A. Mozart</td>
</tr>
<tr>
<td>17</td>
<td>E3</td>
<td>Menuett G dur</td>
<td>L. v. Beethoven</td>
</tr>
<tr>
<td>18</td>
<td>F3</td>
<td>Marcia alla Turca</td>
<td>L. v. Beethoven</td>
</tr>
<tr>
<td>19</td>
<td>F#3</td>
<td>Piano Concerto No.1 op.11 2nd mov.</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>20</td>
<td>G3</td>
<td>The Nutcracker Medley</td>
<td>P. I. Tchaikovsky</td>
</tr>
</tbody>
</table>

#### Original Compositions

<table>
<thead>
<tr>
<th>No.</th>
<th>Key</th>
<th>Arrangement</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>G#3</td>
<td>Prelude (Wohltemperierte Klavier I No.1)</td>
<td>J. S. Bach</td>
</tr>
<tr>
<td>22</td>
<td>A3</td>
<td>Menuett G dur BWV Anh.114</td>
<td>J. S. Bach</td>
</tr>
<tr>
<td>23</td>
<td>A#3</td>
<td>Piano Sonate No.15 K.545 1st mov.</td>
<td>W. A. Mozart</td>
</tr>
<tr>
<td>24</td>
<td>B3</td>
<td>Turkish March</td>
<td>W. A. Mozart</td>
</tr>
<tr>
<td>25</td>
<td>C4</td>
<td>Piano Sonate op.13 “Pathétique” 2nd mov.</td>
<td>L. v. Beethoven</td>
</tr>
<tr>
<td>26</td>
<td>C#4</td>
<td>Für Elise</td>
<td>L. v. Beethoven</td>
</tr>
<tr>
<td>28</td>
<td>D#4</td>
<td>Impromptu op.90-2</td>
<td>F. P. Schubert</td>
</tr>
<tr>
<td>29</td>
<td>E4</td>
<td>Frühlingslied op.62-6</td>
<td>J. L. F. Mendelssohn</td>
</tr>
<tr>
<td>30</td>
<td>F4</td>
<td>Fantaisie-Impromptu</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>31</td>
<td>F#4</td>
<td>Etude op.10-3 &quot;Chanson de l’adieu&quot;</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>32</td>
<td>G4</td>
<td>Etude op.10-12 “Revolutionary”</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>33</td>
<td>G#4</td>
<td>Valse op.64-1 “Petit chien“</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>34</td>
<td>A4</td>
<td>Nocturne op.9-2</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>35</td>
<td>A#4</td>
<td>Nocturne KK4a-16/Bl 49 [Posth.]</td>
<td>F. F. Chopin</td>
</tr>
<tr>
<td>36</td>
<td>B4</td>
<td>Träumerei</td>
<td>R. Schumann</td>
</tr>
<tr>
<td>37</td>
<td>C5</td>
<td>Barcarolle</td>
<td>P. I. Tchaikovsky</td>
</tr>
<tr>
<td>38</td>
<td>C#5</td>
<td>La prière d’une Vierge</td>
<td>T. Badarzewska</td>
</tr>
<tr>
<td>39</td>
<td>D5</td>
<td>Liebesträume No.3</td>
<td>F. Liszt</td>
</tr>
<tr>
<td>40</td>
<td>D#5</td>
<td>Blumenlied</td>
<td>G. Lange</td>
</tr>
<tr>
<td>41</td>
<td>E5</td>
<td>Humoresque</td>
<td>A. Dvořák</td>
</tr>
<tr>
<td>42</td>
<td>F5</td>
<td>Arietta</td>
<td>E. H. Grieg</td>
</tr>
<tr>
<td>43</td>
<td>F#5</td>
<td>Tango (España)</td>
<td>I. Albéniz</td>
</tr>
<tr>
<td>44</td>
<td>G5</td>
<td>The Entertainer</td>
<td>S. Joplin</td>
</tr>
<tr>
<td>45</td>
<td>G#5</td>
<td>Maple Leaf Rag</td>
<td>S. Joplin</td>
</tr>
<tr>
<td>46</td>
<td>A5</td>
<td>La Fille aux Cheveux de Lin</td>
<td>C. A. Debussy</td>
</tr>
<tr>
<td>47</td>
<td>A#2</td>
<td>Arabesque No.1</td>
<td>C. A. Debussy</td>
</tr>
<tr>
<td>48</td>
<td>B5</td>
<td>Cakewalk</td>
<td>C. A. Debussy</td>
</tr>
<tr>
<td>49</td>
<td>C6</td>
<td>Je te veux</td>
<td>E. Satie</td>
</tr>
<tr>
<td>50</td>
<td>C#6</td>
<td>Gymnopédies No.1</td>
<td>E. Satie</td>
</tr>
</tbody>
</table>

### Rhythms

<table>
<thead>
<tr>
<th>Category</th>
<th>Key</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pop&amp;Rock</td>
<td>F2</td>
<td>8Beat</td>
</tr>
<tr>
<td></td>
<td>F#2</td>
<td>16Beat</td>
</tr>
<tr>
<td></td>
<td>G2</td>
<td>Shuffle1</td>
</tr>
<tr>
<td></td>
<td>G#2</td>
<td>Shuffle2</td>
</tr>
<tr>
<td></td>
<td>A2</td>
<td>Shuffle3</td>
</tr>
<tr>
<td></td>
<td>A#2</td>
<td>Gospel</td>
</tr>
<tr>
<td></td>
<td>B2</td>
<td>8BeatBallad</td>
</tr>
<tr>
<td></td>
<td>C3</td>
<td>6-8SlowRock</td>
</tr>
<tr>
<td>Jazz</td>
<td>C#3</td>
<td>FastJazz</td>
</tr>
<tr>
<td></td>
<td>D3</td>
<td>SlowJazz</td>
</tr>
<tr>
<td></td>
<td>D#3</td>
<td>Swing</td>
</tr>
<tr>
<td></td>
<td>E3</td>
<td>JazzWaltz</td>
</tr>
<tr>
<td>Latin</td>
<td>F3</td>
<td>Samba</td>
</tr>
<tr>
<td></td>
<td>F#3</td>
<td>BossaNova</td>
</tr>
<tr>
<td></td>
<td>G3</td>
<td>Rumba</td>
</tr>
<tr>
<td></td>
<td>G#3</td>
<td>Salsa</td>
</tr>
<tr>
<td>Kids&amp;Holiday</td>
<td>A3</td>
<td>KidsPop</td>
</tr>
<tr>
<td></td>
<td>A#3</td>
<td>6-8March</td>
</tr>
<tr>
<td></td>
<td>B3</td>
<td>ChristmasSwing</td>
</tr>
<tr>
<td></td>
<td>C4</td>
<td>Christmas3-4</td>
</tr>
</tbody>
</table>
Hereby, Yamaha Music Europe GmbH declares that the radio equipment type [P-225, P-223] is in compliance with Directive 2014/53/EU and the radio equipment regulations of UK. The full texts of the EU declaration of conformity and the UK declaration of conformity are available at the following internet address: https://europe.yamaha.com/en/support/compliance/doc.html
Apache License 2.0
Copyright (c) 2009-2018 Arm Limited. All rights reserved.

SPDX-License-Identifier: Apache-2.0

Licensed under the Apache License, Version 2.0 (the License); you may not use this file except in compliance with the License.
You may obtain a copy of the License at
www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an AS IS BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and limitations under the License.

Modified BSD license
COPYRIGHT(c) 2016 STMicroelectronics

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the
   documentation and/or other materials provided with the distribution.
3. Neither the name of STMicroelectronics nor the names of its contributors may be used to endorse or promote products derived from
   this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS “AS IS” AND ANY EXPRESS OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
For details of products, please contact your nearest Yamaha representative or the authorized distributor listed below.

**EUROPE**

**THE UNITED KINGDOM/IRELAND**
Yamaha Music Europe GmbH (UK)
Sherbourne Drive, Tilbrook, Milton Keynes, MK7 8BL, United Kingdom
Tel: +44-1908-366700

**GERMANY**
Yamaha Music Europe GmbH
Siemensstrasse 22-34, 25462 Rellingen, Germany
Tel: +49-31-61-330-0

**SWITZERLAND/LEITCHSTEIN**
Yamaha Music Europe GmbH, Branch Switzerland
in Thalwil
Siemensstrasse 18a, 8800 Thalwil, Switzerland
Tel: +41-44-3878080

**AUSTRIA/CRONIA/CECZ REPUBLIC/ HUNGARY/ROMANIA/SLOVAKIA/ SLOVENIA**
Yamaha Music Europe GmbH, Branch Austria
Schleiergasse 20, 1100 Wien, Austria
Tel: +43-1-60203900

**POLAND**
Yamaha Music Europe Sp.z o.o. Oddzial w Polsce
ul. Mynarska 48, 01-171 Warszawa, Poland
Tel: +48-22-880-08-88

**BULGARIA**
Dinacord Bulgaria LTD.
Bl. Iskarsko Schose 7 Targowski Zentar
Ewropa 1528 Sofia, Bulgaria
Tel: +359-2-978-20-25

**MALTA**
Olimpus Music Ltd.
Valletta Road, Mosta MST9101, Malta
Tel: +356-2133-2093

**NETHERLANDS/BELGIUM/ LUXEMBOURG**
Yamaha Music Europe, Branch Benelux
Wattbaan 1 3439ML Nieuwegein, The Netherlands
Tel: +31-347-358040

**FRANCE**
Yamaha Music Europe
7 rue Ambroise Croizat, Zone d'activités de Pariset, 77183 Croissy-Seine, France
Tel: +33-1-6461-4000

**ITALY**
Yamaha Music Europe GmbH, Branch Italy
Via Tinelli N 67/69 20855 Gerno di Lesmo (MB), Italy
Tel: +39-039-9065-1

**SPAIN/PORTUGAL**
Yamaha Music Europe GmbH Ibérica, Sucursal en España
Ctra. de la Coruña km. 17.200, 28231 Las Rozas de Madrid, Spain
Tel: +34-91-639-88-88

**GREECE**
Philippou Naxos S.A. The Music House
19th km. Leof. Larnavou 190 02 Peania – Attiki, Greece
Tel: +30-210-6868260

**SWEDEN**
Yamaha Music Europe GmbH Germany Filial Scandinavia
JA Weithofsgata 1a 400 43 Göteborg, Sweden
Tel: +46-31-89-34-00

**FINLAND**
M-Fusimuki Oy
Antaksentie 4
FI-01510 Vantaa, Finland
Tel: +358 (0)96185111

**NORWAY**
Yamaha Music Europe GmbH - Norwegian Branch
c/o Box 30053, 400 43 Göteborg, Sweden
Tel: +47-6716-7800

**ICELAND**
Höfðaþaðurshús Ehf.
Sidumula 20
IS-108 Reykjavik, Iceland
Tel: +354-525-5050

**CYPRUS**
Nakas Music Cyprus Ltd.
Nikis Ave 2k
1086 Nicosia
Tel: +357-22-510808

**RUSSIA**
Yamaha Music (Russia) LLC.
Room 37, entrance 7, bl. 7, Kievskaya street, Moscow, 121059, Russia
Tel: +7-495-626-5000

**OTHER EUROPEAN REGIONS**
Yamaha Music Europe GmbH
Siemensstrasse 22-34, 25462 Rellingen, Germany
Tel: +49-4101-303-0

**AFRICA**
Yamaha Music Gulf FZE
JAFZA-16, Office 512, P.O.Box 17328, Jebel Ali FZE, Dubai, UAE
Tel: +971-4-801-1500

**MIDDLE EAST**

**TURKEY**
Dore Muzik
Yeni Sünun Sokak No. 10
Levent Istanbul / Türkiye
Tel: +90-212-236-3640
Fax: +90-212-259-5567

**ISRAEL**
RBX International Co., Ltd.
P.O.Box 10245, Petach-Tikva, 49002
Tel: (972) 3-925-6900

**OTHER REGIONS**
Yamaha Music Gulf FZE
JAFZA-16, Office 512, P.O.Box 17328, Jebel Ali FZE, Dubai, UAE
Tel: +971-4-801-1500

**ASIA**

**MAINLAND CHINA**
Yamaha Music & Electronics (China) Co., Ltd.
2F, Yuhebeda, 1819 Xinhezui, Jingan-qu, Shanghai, China
Tel: +86-400-051-7700

**INDIA**
Yamaha Music India Private Limited
P-401, JMD Megapolis, Sector-48, Sohna Road, Gurugram-122018, Haryana, India
Tel: +91-124-488-3300

**INDONESIA**
PT Yamaha Musik Indonesia Distributor
Yamaha Music Center Bldg. Jalan Jend. Gatot Subroto Kav. 4, Jakarta 12930, Indonesia
Tel: +62-21-520-2577

**KOREA**
Yamaha Music Korea Ltd.
11F, Prudential Tower, 298, Gangnam-daero, Gangnam-gu, Seoul, 06253, Korea
Tel: +82-2-3467-3300

**MALAYSIA**
Yamaha Music (Malaysia) Sdn. Bhd.
No.8, Jalan Perbandaran. Kelana Jaya, 47301 Petaling Jaya, Selangor, Malaysia
Tel: +60-3-78030900

**SINGAPORE**
Yamaha Music (Asia) Private Limited
Block 202 Hougang Street 21, #02-00, Singapore 530202, Singapore
Tel: +65-6740-9200

**TAIWAN**
Yamaha Music & Electronics Taiwan Co., Ltd.
2F, No.1, Yuanzong Rd., Baoan Dist., New Taipei City 22063, Taiwan
Tel: +886-2-7741-8888

**THAILAND**
Siam Music Yamaha Co., Ltd.
3, 4, 15, 16th Fl., Siam Motors Building, 891/1 Rama 1 Road, Wangmai, Pathumwan, Bangkok 10330, Thailand
Tel: +66-2215-2622

**VIETNAM**
Yamaha Music Vietnam Company Limited
15th Floor, Nam A Bank Tower. 201-203 Cach Mang Thang Tam St., Ward 4, Dist.3, Ho Chi Minh City, Vietnam
Tel: +84-8-3818-1122

**OTHER ASIAN REGIONS**
https://asia.yamaha.com/

**OCEANIA**

**AUSTRALIA**
Yamaha Music Australia Pty. Ltd.
Level 1, 80 Market Street, South Melbourne, VIC 3205 Australia
Tel: +61-3-9693-5111

**NEW ZEALAND**
Music Works Ltd
P.O. Box 6246 Wellesley, Auckland 4680, New Zealand
Tel: +64-9-843-0099

**REGIONS AND TRUST TERRITORIES IN PACIFIC OCEAN**
https://asia.yamaha.com/