Main Specifications

Roland RP102: Digital Piano

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Keyboard</strong></td>
<td>88 keys (PHA-4 Standard Keyboard: with Escapement and Ivory Feel)</td>
</tr>
<tr>
<td><strong>Sound Generator</strong></td>
<td>Piano Sound: SuperNATURAL Piano Sound</td>
</tr>
<tr>
<td><strong>Bluetooth</strong></td>
<td>MIDI, Turning music sheet: Bluetooth Ver 4.0</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>AC adaptor</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>4 W (3–10 W)</td>
</tr>
<tr>
<td></td>
<td>4 W: Average power consumption while piano is played with volume at center position</td>
</tr>
<tr>
<td></td>
<td>3 W: Power consumption immediately after power-up; nothing being played</td>
</tr>
<tr>
<td></td>
<td>10 W: Rated power consumption</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>With Music Rest: 1,379 (W) x 413 (D) x 977 (H) mm</td>
</tr>
<tr>
<td></td>
<td>Without Music Rest: 1,379 (W) x 423 (D) x 817 (H) mm</td>
</tr>
<tr>
<td></td>
<td>54-5/16 (W) x 16-5/16 (D) x 38-1/2 (H) inches</td>
</tr>
<tr>
<td></td>
<td>54-5/16 (W) x 16-11/16 (D) x 32-3/16 (H) inches</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>37.8 kg</td>
</tr>
<tr>
<td></td>
<td>83 lbs 6 oz</td>
</tr>
<tr>
<td></td>
<td>* Actual weight can vary slightly from that indicated due to the fact that wooden parts are involved.</td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
<td>Owner’s manual, Leaflet “Stand Assembly,” AC Adaptor, Power Cord (for AC Adaptor), Music rest</td>
</tr>
<tr>
<td><strong>Option</strong></td>
<td>Headphones</td>
</tr>
<tr>
<td><strong>(sold separately)</strong></td>
<td></td>
</tr>
</tbody>
</table>

Provision of Bluetooth functionality

Please be aware that depending on the country in which you purchased the unit, Bluetooth functionality might not be included.

If Bluetooth functionality is included

The Bluetooth logo appears when you turn on the power.

* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.
Read This First

Opening/Closing the Keyboard Cover

You must use both hands to open or close the keyboard cover.

* When opening or closing the keyboard cover, please be careful not to get your fingers pinched between the movable part and the panel. In places where small children are present, make sure that an adult provides supervision and guidance.

Opening the Keyboard Cover

Use both hands to lift the edge of the lid, and push it away from yourself.

* If you have any objects (papers, metal objects, etc.) placed on top of the keyboard cover, do not open the cover. Otherwise, such objects may slip inside the instrument, and then become irrecoverable.

Closing the Keyboard Cover

Grasp and gently lower the edge of the lid with both hands.

Basic Operation of the RP102

Turning the Power On/Off

Press the \[\text{(power)}\] button to turn on the power. If you hold down the \[\text{(power)}\] button for one second or longer, the power turns off.

Adjusting the Volume

Use the two volume buttons to adjust the volume. Volume (up) button: Increases the volume. Volume (down) button: Decreases the volume. You can adjust the speaker volume when using the built-in speakers, or the headphones volume when headphones are connected.

* The number of indicators lit at the right of the volume buttons changes according to the volume. If all indicators are lit, the volume is at its maximum. If all indicators are unlit, there will be no sound.

Changing the Settings

By holding down the [Function] button and pressing a key, you can select sounds or adjust the sensitivity of the keyboard.

* “Making Settings on the RP102” (p. 4)

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 5).

- Any settings that you are in the process of editing will be lost when the power is turned off. If you have any settings that you want to keep, you should save them beforehand.
- To restore power, turn the power on again.
Read This First

Using the Pedals to Modify the Sound

Damper pedal
Use this pedal to sustain the sound. While this pedal is held down, notes will be sustained for an extended time even if you release your fingers from the keyboard. By pressing the pedal to different depths, you can adjust the length of sustain (short, long). On an acoustic piano, holding down the damper pedal will cause the strings for notes other than the ones you actually play to vibrate in sympathy with what you’ve played, producing a rich resonance. This unit simulates this sympathetic vibration (damper resonance).

Sostenuto pedal
This pedal sustains only the notes of the keys that were already pressed when you pressed the pedal.

Soft pedal
This pedal is used to make the sound softer. Playing with the soft pedal depressed produces a sound that is not as strong as when otherwise played with the equivalent strength. This is the same function as the left pedal of an acoustic piano.

Bottom Panel Connections

* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

**Pedal Connector**
Connect the pedal cord of the dedicated stand here. For details, refer to the leaflet “Stand Assembly.”

**DC In Jack**
Connect the included AC adaptor here. For details, refer to the leaflet “Stand Assembly.”

**USB Memory for Update Port**
This connector will be used if there are future additions or expansions to the RP102’s functionality.
* Never insert or remove the USB flash drive while this unit is turned on. Doing so may corrupt the unit’s data or the data on the USB flash drive.
* Use a commercially available USB flash drive or a USB flash drive sold by Roland. However, we cannot guarantee that all commercially available USB flash drives will work with this unit.

**USB Computer Port**
If you have a DAW program on your computer, or if you have SMF data, you can use a commercially available USB cable to connect the RP102’s USB Computer port to the USB port of your computer and do the following.
(DAW: music production software (sold separately), SMF: song files)
- SMF data played back on your DAW can be sounded by the RP102.
- MIDI data can be transferred between the RP102 and your DAW, letting you produce and edit music in a variety of ways.

**PHONES Jacks**
Since this unit has two headphones jacks, two people can also use headphones simultaneously. And you can connect the external amplified speakers (p. 6)

**Stereo-mini plug**
**Stereo phone plug**

* When operating the pedal, please be careful not to get your fingers pinched between the movable part and the panel. In places where small children are present, make sure that an adult provides supervision and guidance.
You can control a variety of functions by holding down the [Function] button and pressing a key.

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selecting Tones</td>
<td>Press one key to play one sound at a time. Press two keys simultaneously to play two sounds as a layer. This feature is called “Dual Play.”</td>
</tr>
<tr>
<td>Selecting an Internal Song</td>
<td>Selects a category.</td>
</tr>
<tr>
<td>Selecting a song.</td>
<td>Selects a song.</td>
</tr>
<tr>
<td>“Internal Song List” (p. 13)</td>
<td></td>
</tr>
<tr>
<td>Playing/Stopping an Internal Song</td>
<td>Play all songs in the selected category, or play just one song. Press the same key again to stop playback.</td>
</tr>
<tr>
<td>Changing the Volume of the Song</td>
<td>Normally you’ll use “AUTO SELECT.”</td>
</tr>
<tr>
<td>While the Song Plays, Specifying the Keyboard Sound (SMF Play Mode)</td>
<td>Automatically switches the SMF Play Mode to either “INTERNAL” or “EXTERNAL” depending on the song that is being played.</td>
</tr>
<tr>
<td>Setting</td>
<td>Explanation</td>
</tr>
<tr>
<td>AUTO SELECT (default)</td>
<td>The sound of the song that’s playing and the sound on which you’re performing will be the same. If you switch sounds on the RP102, the sound of the song also changes. This setting is recommended when you’re playing the internal songs. The damper resonance (*) effect is applied to the piano sound of the song.</td>
</tr>
<tr>
<td>INTERNAL</td>
<td>This setting is recommended when you’re playing a song file from a USB-connected computer. The damper resonance (*) effect is not applied to the piano sound of the song.</td>
</tr>
<tr>
<td>EXTERNAL</td>
<td>The sound of the song that’s playing can be specified independently of the sound that you’re playing on the keyboard. Even if you switch sounds on the RP102, the sound of the song won’t change.</td>
</tr>
<tr>
<td>Setting Explanation</td>
<td></td>
</tr>
<tr>
<td>Starting/Stopping the Metronome</td>
<td>The metronome turns on (starts) or off (stops) each time you press this key.</td>
</tr>
<tr>
<td>Changing the Metronome Volume</td>
<td>Off, 1–10 (default: 5)</td>
</tr>
<tr>
<td>Changing the Beat</td>
<td>0/4 (*), 2/2, 3/2, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 8/8, 9/8, 12/8 (default: 4/4)</td>
</tr>
<tr>
<td>Changing the Tempo</td>
<td>10–500 (default: Song Tempo)</td>
</tr>
<tr>
<td>Adding Reverberation to the Sound (Ambience)</td>
<td>The reverberation that is characteristic of a performance in a concert hall can be added to the sound. 0–10 (default: 2)</td>
</tr>
<tr>
<td>Adjusting the Brightness of the Sound (Brilliance)</td>
<td>You can adjust the brightness of the sound when you play the keyboard or when you play back a song. -10–10 (default: 0)</td>
</tr>
</tbody>
</table>
**Making Settings on the RP102**

### Dividing the Keyboard in Two (Twin Piano)

You can divide the keyboard into left and right sections so that two people can play the same pitch ranges. This function lets you use the unit as though it were two pianos. The keyboard will be divided into left and right sections, with "middle C" located in the center of each section. You can choose one of the following ways in which the sound will be heard.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF (default)</td>
<td>Clears the setting that divides the keyboard into two sections.</td>
</tr>
<tr>
<td>PAIR</td>
<td>The sound of the right area will be heard more loudly from the right speaker, and the sound of the left area will be heard more loudly from the left speaker.</td>
</tr>
<tr>
<td>INDIVIDUAL</td>
<td>Notes played in the right area will be heard from the right speaker, and notes played in the left area will be heard from the left speaker. * The left and right sections will have the same tone (Concert Piano). * The damper pedal affects only the right section of the keyboard. * The soft pedal operates as the damper pedal for the left section of the keyboard.</td>
</tr>
</tbody>
</table>

![Keyboard Diagram]

### Changing the Keyboard Playing Feel (Key Touch)

You can change the playing feel of the keyboard.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPER HEAVY</td>
<td>An even heavier setting than &quot;HEAVY.&quot;</td>
</tr>
<tr>
<td>HEAVY</td>
<td>You have to finger the keyboard more forcefully than &quot;MEDIUM&quot; in order to play fortissimo (ff), so the keyboard touch feels heavier.</td>
</tr>
<tr>
<td>MEDIUM (default)</td>
<td>Sets the keyboard to the standard touch.</td>
</tr>
<tr>
<td>LIGHT</td>
<td>You can achieve fortissimo (ff) play with a less forceful touch than &quot;MEDIUM&quot; so the keyboard feels lighter.</td>
</tr>
<tr>
<td>SUPER LIGHT</td>
<td>An even lighter setting than &quot;LIGHT.&quot;</td>
</tr>
<tr>
<td>FIX</td>
<td>The sound plays at one set volume, regardless of the force used to play the keys.</td>
</tr>
</tbody>
</table>

### Matching the Pitch with Other Instruments (Master Tuning)

When playing ensemble with other instruments and in other such instances, you can match the standard pitch to another instrument.

The standard pitch generally refers to the pitch of the note that’s played when you finger the middle A key. For a cleaner ensemble sound while performing with one or more other instruments, ensure that each instrument’s standard pitch is in tune with that of the other instruments. This tuning of all the instruments to a standard pitch is called “master tuning.”

415.3 Hz–466.2 Hz (default: 440.0 Hz)

### Transposing the Pitch (Transpose)

The keyboard or song can be transposed in semitone steps.

For example if a song is in the key of E major but you want to play it using the fingering of the C major scale, you would set the keyboard transpose setting to “4.”

-6–5 (default: 0)

### Connecting a page-turning app

p. 9

### Connecting with Piano Partner 2

p. 7

### Making the Power Automatically Turn Off After a Time

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, turn “OFF.”

10 minutes, 30 minutes, 240 minutes, OFF (default: 30 minutes)
Making Settings on the RP102

Hearing Sound from the Built-in Speakers and the External Speakers

With the factory settings, the built-in speakers do not produce sound if the external amplifered speakers are connected to the PHONES jack. However, you can change this setting so that sound is output from the built-in speakers even if the external speakers are connected to the PHONES jack.

* When you change the setting, the character from the external speakers will change.

1. While holding down the volume (up) and volume (down) buttons, press the [Function] button.
2. Press the [Function] button to change the setting.

<table>
<thead>
<tr>
<th>When the external speaker are connected to the PHONES jack</th>
<th>Volume indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound is output only from the external speakers</td>
<td>Blinking</td>
</tr>
<tr>
<td>Sound is output from both the external speakers and the built-in speakers</td>
<td>Unlit Blinking</td>
</tr>
</tbody>
</table>

3. To complete the operation, press the volume (up) button or volume (down) button.

Restoring the Factory Settings (Factory Reset)

The settings you’ve changed in the function mode can be restored to their factory-set condition.

**NOTE**

When you execute a factory reset, all settings will be initialized.

1. While holding down the volume (up) button and the [Function] button, turn on the power and continue holding the volume (up) button and [Function] button.
2. To execute the factory reset, press the volume (up) button.

<table>
<thead>
<tr>
<th>Factory reset currently executing</th>
<th>Blinking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed</td>
<td>Blinking</td>
</tr>
</tbody>
</table>

* Never turn off the power while factory reset is being executed.

3. Turn the power off, then on again.

Saving the Settings (Memory Backup)

When this unit’s power is turned off, it will return to its default settings. However, if desired, you can save the following settings so that they will be remembered even after the power is off. This is called the “Memory Backup” function.

When holding down the [Function] button, press the volume (down) button. Settings saved by Memory Backup

<table>
<thead>
<tr>
<th>Setting</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambience</td>
<td>p. 4</td>
</tr>
<tr>
<td>Brilliance</td>
<td>p. 4</td>
</tr>
<tr>
<td>Key Touch</td>
<td>p. 5</td>
</tr>
<tr>
<td>Metronome (Volume)</td>
<td>p. 4</td>
</tr>
<tr>
<td>Master Tuning</td>
<td>p. 5</td>
</tr>
<tr>
<td>SMF Play Mode</td>
<td>p. 4</td>
</tr>
<tr>
<td>Hearing sound from the built-in speakers and the external speakers</td>
<td>p. 6</td>
</tr>
</tbody>
</table>

1. Hold down the [Function] button and press the volume (up) button.

2. To save the setting, press the volume (up) button.

To cancel, press the volume (down) button or the [Function] button.

On the unit, the following settings are saved automatically.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built-in speakers volume</td>
<td>p. 2</td>
</tr>
<tr>
<td>Headphones volume</td>
<td>p. 2</td>
</tr>
<tr>
<td>All settings for the Bluetooth function</td>
<td>p. 5</td>
</tr>
<tr>
<td>Auto off</td>
<td>p. 5</td>
</tr>
</tbody>
</table>
Connect an App on a Mobile Device

If you install an app on your smartphone, tablet, or other mobile device, and connect it via Bluetooth, you can use the app to view the status of the RP102 on the large screen of your mobile device, and use the app to operate the RP102.

Here, we explain initial settings that let you use the Piano Partner 2 app to enjoy your RP102 even further, and that let you use the pedals of the RP102 to control a page-turning app.

As an example, we’ll explain the settings when using an iPad.

If you’re using an Android device, refer to the owner’s manual of your unit for details on how to make settings for its Bluetooth functionality.

Piano Partner 2 – An App for Enjoying the RP102 Even More

You can connect your iPad or other tablet to the RP102 to enjoy your piano even more.

* Piano Partner 2 is an app made by Roland that supports iOS and Android.

It can display musical scores of the RP102’s internal songs, and lets you enjoyably boost your musical abilities through ear-training games. Since it can take advantage of your tablet’s large screen, it’s easy to operate.

For details, refer to the following URL.

Quick Start Video
http://roland.cm/rp102

Making initial settings

1. If the RP102 has already been paired in the Bluetooth settings of your mobile device, start by clearing the pairing.

If the RP102’s device name is not shown, it has not been paired.

Proceed to the next step.

2. Turn off the Bluetooth function of your mobile device.

3. Place the mobile device in which you’ve installed Piano Partner 2 near the RP102.

MEMO
If you have more than one unit of this model, power-on only the unit that you want to pair (power-off the other units).

4. Power-on the RP102 and turn on its Bluetooth function.

5. Set the RP102’s Page Turn/MIDI function to “MIDI.”
6. Turn on the Bluetooth function of your mobile device.

7. Start the Piano Partner 2 app that you installed on your mobile device.
   * The first time that you start Piano Partner 2, make sure that your mobile device is able to connect to the internet. If it can’t connect to the internet, these settings can’t be completed.

8. Tap the gear icon in the upper right of the screen.

   The “SETTINGS” screen opens.

9. Tap the box “Bluetooth MIDI Device.”

   When “RP102” appears, tap it.

   If “Bluetooth Pairing Request” appears, tap “Pair.”

10. When “RP102” appears, tap it.

   When pairing is successful, the RP102’s internal song data and other data is downloaded via the internet to your mobile device.
   * If your mobile device can’t connect to the internet, this cannot be completed.

11. Tap outside the “Bluetooth MIDI Devices” screen to close it, and tap outside the “SETTINGS” screen to close it.

Connecting the mobile device after completing the initial settings

1. Perform steps 7-11 of “Making initial settings” (p. 7).

If you can’t connect to Piano Partner 2

   In some cases, you can make the connection by closing Piano Partner 2 and then performing steps 1–11 of “Making initial settings” (p. 7).

   Even if you press the home button or the back button, the app closes without exiting, and continues in a standby state. Double-click the home button, and swipe Piano Partner 2 to the top.

Available on the Web

   Apps made by Roland that can be used with the RP102 are introduced at the following URL.
   http://roland.cm/rp102_app
   We’ve also posted video manuals of various products on YouTube.
   Roland Support Channel:
   https://www.youtube.com/c/RolandSupportChannel/
Apps to Turn Pages Using the Pedals

When you're practicing, you typically use your hand to turn the pages of the musical score while you play the keyboard. If a music score app such as piaScore is installed on your iPad or other tablet connected to the RP102, you can use the pedals of the RP102 to turn pages of the musical score without using your hands.

* piaScore is a music score viewing app for iOS made by Plussadd, Inc.

Making initial settings

1. If the RP102 has already been paired in the Bluetooth settings of your mobile device, start by clearing the pairing.
   If the RP102's device name is not shown, it has not been paired. Proceed to the next step.

2. Turn off the Bluetooth function of your mobile device.

3. Place your mobile device with a music score viewing app installed near the RP102.
   If you have more than one unit of this model, power-on only the unit that you want to pair (power-off the other units).

4. Power-on the RP102 and turn on its Bluetooth function.

5. Set the RP102’s Page Turn/MIDI function to “Page Turn.”

6. Turn on the Bluetooth function of your mobile device.

7. In the display of your mobile device, tap “RP102.”
   If “Bluetooth Pairing Request” appears, tap “Pair.”
   If the mobile device's screen asks you to enter a “Pass Key,” enter “0000” (four zeros).

   When pairing is successful, the “RP102” is added to the “MY DEVICES” list of your mobile device.

Connecting the mobile device after completing the initial settings

1. Start the music score viewing app that’s installed on your mobile device, and load a music score.

Turning pages

Press the sostenuto pedal (center pedal) to turn to the next page; press the soft pedal (left pedal) to turn to the previous page.

If the keyboard is no longer shown on the mobile device

In some cases, depending on the mobile device app that you’re using, the keyboard might stop being displayed (i.e., the keyboard might become unavailable).

If you want the mobile device’s keyboard to be shown while you’re using the page turning function, hold down this unit’s [Function] button and press the volume (down) button.

To hide the mobile device’s keyboard, once again hold down the [Function] button and press the volume (down) button.
Changing the Operating Keys of the Page Turning Function

The key operations for turning pages will differ depending on the music score display app that you’re using. You can choose which keys of this unit will operate the page turning function.

<table>
<thead>
<tr>
<th>Key</th>
<th>Setting</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>F#7</td>
<td>Mode 1</td>
<td>The [▲] [▼] keys of the keyboard are used by the page turning app.</td>
</tr>
<tr>
<td>G7</td>
<td>Mode 2</td>
<td>The [Page Up] [Page Down] keys of the keyboard are used by the page turning app.</td>
</tr>
<tr>
<td>G#7</td>
<td>Mode 3</td>
<td>The [◄] [►] keys of the keyboard are used by the page turning app.</td>
</tr>
</tbody>
</table>
## Troubleshooting

<table>
<thead>
<tr>
<th>Problem</th>
<th>Items to check</th>
<th>Action</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Even though you're using headphones to mute the sound, the keystrokes make a clattering sound when you play the keyboard</td>
<td>The keyboard of this piano is designed to simulate the mechanism of an acoustic piano. Even on an acoustic piano, the keystrokes produce sound when you play the keyboard. This is not a malfunction.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Power turns off on its own</td>
<td>Could the auto-off setting be something other than &quot;OFF&quot;?</td>
<td>If you don't need the power to turn off automatically, turn the Auto Off setting &quot;OFF.&quot;</td>
<td>p. 5</td>
</tr>
<tr>
<td>Power does not turn on</td>
<td>Is the AC adaptor connected correctly?</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pedal does not turn on, or is &quot;stuck&quot;</td>
<td>Could you have disconnected or connected the pedal cord while the power was on?</td>
<td>Power-off the unit before you connect or disconnect the pedal cord.</td>
<td>-</td>
</tr>
<tr>
<td>&quot;Buzz&quot; is heard from external devices</td>
<td>Are the external devices connected to more than one AC power outlet?</td>
<td>If you connect external devices, be sure to connect them to the same AC outlet.</td>
<td>-</td>
</tr>
<tr>
<td>No sound</td>
<td>Are your amp, speakers, headphones, etc., connected correctly?</td>
<td>-</td>
<td>p. 3</td>
</tr>
<tr>
<td>Sound is output even though headphones are connected to the PHONES jack</td>
<td>Could you have made settings so that sound is output from the internal speakers?</td>
<td>-</td>
<td>p. 6</td>
</tr>
<tr>
<td>No sound when you play back a song</td>
<td>Could the song volume be set to &quot;0&quot;?</td>
<td>-</td>
<td>p. 4</td>
</tr>
<tr>
<td>Notes don't sound right</td>
<td>Could you have made Transpose settings?</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pitch of the keyboard or song is incorrect</td>
<td>Is the Master Tune setting appropriate?</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Notes are interrupted</td>
<td>Could you be holding down the damper pedal and sounding a large number of notes?</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sounds are heard twice (doubled) when the keyboard is played</td>
<td>Is the unit in Dual Play?</td>
<td>Hold down the [Function] button and press the A0 key to disable Dual Play.</td>
<td>p. 4</td>
</tr>
<tr>
<td>When using Dual Play, the character of the sound is different</td>
<td>Could the unit be connected to an external sequencer?</td>
<td>If you don't want the other sound module to produce sound, turn your DAW's soft thru function &quot;off.&quot;</td>
<td>-</td>
</tr>
<tr>
<td>Reverberation remains even if you defeat the Ambience effect</td>
<td>Even if the Ambience effect is off, the acoustic piano's own resonance remains.</td>
<td>-</td>
<td>p. 4</td>
</tr>
<tr>
<td>The sound of the higher notes suddenly changes from a certain key</td>
<td>This simulates the characteristics of an acoustic piano, and is not a malfunction.</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>High-pitched ringing is heard</td>
<td>If you don't hear it through headphones: It may be that the unit has malfunctioned. Please contact your dealer or a Roland customer service center. If you also hear it through headphones: To decrease the metallic ringing, adjust the &quot;Ambience&quot; settings.</td>
<td>-</td>
<td>p. 4</td>
</tr>
<tr>
<td>Low notes sound wrong, or are buzzy</td>
<td>Could the volume be set to maximum?</td>
<td>Lower the volume.</td>
<td>p. 2</td>
</tr>
<tr>
<td>The selected sound changes when you play back a song</td>
<td>Could the SMF Play Mode be set to &quot;INTERNAL&quot;?</td>
<td>Set the SMF Play Mode to &quot;EXTERNAL.&quot;</td>
<td>p. 4</td>
</tr>
</tbody>
</table>
## Troubleshooting

### Problems with Bluetooth Functionality

<table>
<thead>
<tr>
<th>Problem</th>
<th>Items to check/Action</th>
<th>Page</th>
</tr>
</thead>
</table>
| **This unit does not appear in the Bluetooth device list of your mobile device** | - Could the Bluetooth function be turned “Off”?  
  - If the Bluetooth function is “On” and the RP102’s Bluetooth Turn/MIDI function is “Page Turn” or “Page Turn&MIDI”  
  - If the Bluetooth function is “On” and the RP102’s Bluetooth Turn/MIDI function is set to “MIDI” or “Page Turn&MIDI”  
    You can check this from a setting inside your app such as Piano Partner 2. | p. 7  
  p. 9 |
| **The Bluetooth indicator is not lit even though you made the initial settings for page-turning (p. 9)** | - In some cases, the connection with the mobile device might become unavailable when you switch the Bluetooth Turn/MIDI function.  
  - If this unit is visible as a device in the mobile device’s Bluetooth settings  
    After unpairing the “RP102” that is registered on the mobile device, turn the mobile device’s Bluetooth function off and then on again, and reconnect it.  
  - If this unit is not visible as a device  
    Turn the mobile device’s Bluetooth function off and on again, and then reestablish the connection. | p. 9 |
| **The Bluetooth indicator is not lit even though you made the initial settings for using the MIDI function (p. 7)** | In some cases, the connection with the mobile device might become unavailable when you switch the Bluetooth Turn/MIDI function.  
After unpairing the “RP102” that is registered on the mobile device, turn the mobile device’s Bluetooth function off and then on again, and reconnect it. |       |
| **Can’t connect via MIDI** | You must make the connection not from the mobile device’s Bluetooth setting but from the setting within Piano Partner 2 or other app that you’re using. |       |
| **Can’t connect a paired mobile device** | If the connection breaks immediately after it is established, or when you switch the page turning function and MIDI data transmit/receive function, turning the Bluetooth device’s Bluetooth switch off and then on again may allow connection to occur. |       |
| **Keyboard no longer appears (becomes unavailable) on the mobile device** | When using the page turning function, the keyboard might not be shown (might be unavailable) depending on the mobile device that you’re using.  
If you want the mobile device’s keyboard to be shown while you’re using the page turning function, hold down this unit’s [Function] button and press the volume (down) button.  
To hide the mobile device’s keyboard, hold down the [Function] button and press the volume (down) button. |       |
### Internal Song List

#### Category: Listening

<table>
<thead>
<tr>
<th>Song Title</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valse, op.34-1</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Polonaise op.53</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Nocturne No.20</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Die Forelle</td>
<td>Franz Peter Schubert, Arranged by Franz Liszt</td>
</tr>
<tr>
<td>Reflets dans l'Eau</td>
<td>Claude Achille Debussy</td>
</tr>
<tr>
<td>La Fille aux Cheveux de Lin</td>
<td>Claude Achille Debussy</td>
</tr>
<tr>
<td>La Campanella</td>
<td>Franz Liszt</td>
</tr>
<tr>
<td>Scherzo No.2</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Étude, op.10-12</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
</tbody>
</table>

#### Category: Masterpieces

<table>
<thead>
<tr>
<th>Song Title</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danse des Mirlitons</td>
<td>Peter Ilyich Tchaikovsky</td>
</tr>
<tr>
<td>Salut d'amour</td>
<td>Edward Elgar</td>
</tr>
<tr>
<td>Menuett G Dur BWV Anh.114</td>
<td>Johann Sebastian Bach</td>
</tr>
<tr>
<td>Präludium C Dur BWV846</td>
<td>Johann Sebastian Bach</td>
</tr>
<tr>
<td>The Harmonious Blacksmith</td>
<td>Georg Friedrich Händel</td>
</tr>
<tr>
<td>Le Coucou</td>
<td>Louis Claude Daquin</td>
</tr>
<tr>
<td>Türkischer Marsch</td>
<td>Wolfgang Amadeus Mozart</td>
</tr>
<tr>
<td>Sonate Nr.16 C Dur</td>
<td>Wolfgang Amadeus Mozart</td>
</tr>
<tr>
<td>Türkischer Marsch</td>
<td>Ludwig van Beethoven</td>
</tr>
<tr>
<td>Für Elise</td>
<td>Ludwig van Beethoven</td>
</tr>
<tr>
<td>Moments Musicaux op.94-3</td>
<td>Franz Peter Schubert</td>
</tr>
<tr>
<td>Gavotte</td>
<td>François Joseph Gossec</td>
</tr>
<tr>
<td>Sonatine op.36-1</td>
<td>Muzio Clementi</td>
</tr>
<tr>
<td>Sonatine op.20-1</td>
<td>Friedrich Kuhlau</td>
</tr>
<tr>
<td>Jägerlied</td>
<td>Louis Claude Daquin</td>
</tr>
<tr>
<td>Freiheitslied</td>
<td>Louis Claude Daquin</td>
</tr>
<tr>
<td>Auf Flügeln des Gesanges</td>
<td>Louis Claude Daquin</td>
</tr>
<tr>
<td>Nocturne, op.9-2</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Étude, op.10-3</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Prélude, op.28-15</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Valse, op.64-1</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Valse, op.64-2</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Fantaisie-Impromptu</td>
<td>Fryderyk Franciszek Chopin</td>
</tr>
<tr>
<td>Radetzy Marsch</td>
<td>Johann Baptist Strauss</td>
</tr>
<tr>
<td>Träumerei</td>
<td>Robert Alexander Schumann</td>
</tr>
<tr>
<td>Fröhlicher Landmann</td>
<td>Robert Alexander Schumann</td>
</tr>
<tr>
<td>La prière d’une Vierge</td>
<td>Tekla Badarzewska</td>
</tr>
<tr>
<td>Dolly’s Dreaming Awakening</td>
<td>Theodor Oesten</td>
</tr>
<tr>
<td>Brautchor</td>
<td>Wilhelm Richard Wagner</td>
</tr>
<tr>
<td>Liebesträume Nr.3</td>
<td>Franz Liszt</td>
</tr>
<tr>
<td>Blumenlied</td>
<td>Gustav Lange</td>
</tr>
<tr>
<td>Course en Troïka</td>
<td>Peter Ilyich Tchaikovsky</td>
</tr>
<tr>
<td>Ungarische Tänze Nr.5</td>
<td>Johannes Brahms</td>
</tr>
<tr>
<td>An der schönen, blauen Donau</td>
<td>Johann Strauss, Sohn</td>
</tr>
<tr>
<td>Humoreske</td>
<td>Antonín Dvořák</td>
</tr>
<tr>
<td>Clair de Lune</td>
<td>Claude Achille Debussy</td>
</tr>
<tr>
<td>1ère Arabesque</td>
<td>Claude Achille Debussy</td>
</tr>
<tr>
<td>Golliwog’s Cakewalk</td>
<td>Claude Achille Debussy</td>
</tr>
<tr>
<td>Je te veux</td>
<td>Erik Satie</td>
</tr>
<tr>
<td>1ère Gymnopédie</td>
<td>Erik Satie</td>
</tr>
</tbody>
</table>

#### Category: Easy Piano

<table>
<thead>
<tr>
<th>Song Title</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Twinkle Twinkle Little Star</td>
<td>French Folk Song</td>
</tr>
<tr>
<td>Mary Had a Little Lamb</td>
<td>Traditional</td>
</tr>
<tr>
<td>Bear Song</td>
<td>American Folk Song</td>
</tr>
<tr>
<td>Ich Bin Ein Musikante</td>
<td>German Folk Song</td>
</tr>
<tr>
<td>Grand Father’s Clock</td>
<td>Henry Work</td>
</tr>
<tr>
<td>Maple Leaf Rag</td>
<td>Scott Joplin</td>
</tr>
<tr>
<td>Le Quattro Stagioni “La Primavera”</td>
<td>Antonio Vivaldi</td>
</tr>
<tr>
<td>Marche Militaire Nr.1</td>
<td>Franz Peter Schubert</td>
</tr>
</tbody>
</table>

#### Category: Czerny 100

<table>
<thead>
<tr>
<th>Song Title</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Czerny 100-1 - 100</td>
<td>Carl Czerny</td>
</tr>
</tbody>
</table>

#### Category: Hanon

<table>
<thead>
<tr>
<th>Song Title</th>
<th>Composer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hanon 1 - 20</td>
<td>Charles-Louis Hanon</td>
</tr>
</tbody>
</table>

#### Category: Scale

**Major Scales, Minor Scales (Harmonic, Melodic)**

* All rights reserved. Unauthorized use of this material for purposes other than private, personal enjoyment is a violation of applicable laws.

* The performance data for the tone demos and the internal songs is not transmitted from the USB Computer port or via Bluetooth (MIDI).

* If the SMF Play Mode 6 (p. 4) is set to “INTERNAL,” there will be some parts whose volume does not change when you adjust the Song Volume 5 (p. 4) value. If the SMF Play Mode 6 is set to “EXTERNAL,” the volume of all parts will change.

* Songs in the Listening category are piano solo songs. They have no accompaniment.

* For the musical scores of the Scale category, refer to “Scales” in the appendix.
## USING THE UNIT SAFELY

### INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

<table>
<thead>
<tr>
<th>WARNING</th>
<th>CAUTION</th>
</tr>
</thead>
</table>
| Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly. | Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly.

* Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets. |

### About the Symbols

- The △ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
- The □ symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
- The ○ symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

### ALWAYS OBSERVE THE FOLLOWING

#### WARNING

- **To completely turn off power to the unit, pull out the plug from the outlet**
  - Even with the power switch turned off, this unit is not completely separated from its main source of power. When the power needs to be completely turned off, turn off the power switch on the unit, then pull out the plug from the outlet. For this reason, the outlet into which you choose to connect the power cord’s plug should be one that is within easy reach and readily accessible.

#### CAUTION

- **Concerning the Auto Off function**
  - The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 5).

#### Do not disassemble or modify by yourself

- Do not carry out anything unless you are instructed to do so in the owner’s manual. Otherwise, you risk causing malfunction.

#### Do not repair or replace parts by yourself

- Refer all servicing to your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the “Information."

#### Do not use or store in the following types of locations

- Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
- Damp (e.g., baths, washrooms, on wet floors); or are
- Subject to steam or smoke; or are
- Subject to salt exposure; or are
- Exposed to rain; or are
- Dusty or sandy; or are
- Subject to high levels of vibration and shakiness; or are
- Placed in a poorly ventilated location.

#### Do not place in an unstable location

- Otherwise, you risk injury as the result of the unit toppling over or dropping down.

#### Use only the supplied AC adaptor and the correct voltage

- Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor’s body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.

#### Use only the supplied power cord

- Use only the attached power cord. Also, the supplied power cord must not be used with any other device.

#### Do not bend the power cord or place heavy objects on it

- Otherwise, fire or electric shock may result.

#### Avoid extended use at high volume

- Use of the unit at high volume for extended periods of time may cause hearing loss. If you ever experience any hearing loss or ringing in the ears, you should immediately stop using the unit and consult a specialized physician.

#### Do not allow foreign objects or liquids to enter unit; never place containers with liquid on unit

- Do not place containers containing liquid (e.g., flower vases) on this product. Never allow foreign objects (e.g., flammable objects, coins, wires) or liquids (e.g., water or juice) to enter this product. Doing so may cause short circuits, faulty operation, or other malfunctions.

#### Turn off the unit if an abnormality or malfunction occurs

- Immediately turn the unit off, remove the AC adaptor from the outlet, and request servicing by your retailer, the nearest Roland Service Center, or an authorized Roland distributor, as listed on the “Information" when:
  - The AC adaptor or the power cord has been damaged; or
  - If smoke or unusual odor occurs; or
  - Objects have fallen into, or liquid has been spilled onto the unit; or
  - The unit has been exposed to rain (or otherwise has become wet); or
  - The unit does not appear to operate normally or exhibits a marked change in performance.

#### Be cautious to protect children from injury

- Always make sure that an adult is on hand to provide supervision and guidance when using the unit in places where children are present, or when a child will be using the unit.
CAUTION

When disconnecting the power cord, grasp it by the plug.
To prevent conductor damage, always grasp the power cord by its plug when disconnecting it.

Periodically clean the power plug.
An accumulation of dust or foreign objects between the power plug and the power outlet can lead to fire or electric shock.
At regular intervals, be sure to pull out the power plug, and using a dry cloth, wipe away any dust or foreign objects that may have accumulated.

Disconnect the power plug whenever the unit will not be used for an extended period of time.
Fire may result in the unlikely event that a breakdown occurs.

Route all power cords and cables in such a way as to prevent them from getting entangled.
Injury could result if someone were to trip on a cable and cause the unit to fall or topple.

Avoid climbing on top of the unit, or placing heavy objects on it.
Otherwise, you risk injury as the result of the unit toppling over or dropping down.

Never connect/disconnect a power plug if your hands are wet.
Otherwise, you could receive an electric shock.

Cautions when moving this unit.
If you need to move the instrument, take note of the precautions listed below. At least two persons are required to safely lift and move the unit. It should be handled carefully, all the while keeping it level.
Make sure to have a firm grip, to protect yourself from injury and the instrument from damage.

• Check to make sure the screws securing the unit to the stand have not become loose. Fasten them again securely whenever you notice any loosening.
• Disconnect the power cord.
• Disconnect all cords coming from external devices.
• Close the lid.
• Remove the music stand.

Before cleaning the unit, disconnect the power plug from the outlet.
If the power plug is not removed from the outlet, you risk receiving an electric shock.

CAUTION

Whenever there is a threat of lightning, disconnect the power plug from the outlet.
If the power plug is not removed from the outlet, you risk causing malfunction or receiving an electric shock.

Take care so as not to get fingers pinched.
When handling the following moving parts, take care so as not to get fingers, toes, etc., pinched.
Whenever a child uses the unit, an adult should be on hand to provide supervision and guidance.

• Keyboard cover (p. 2)
• Pedals (p. 3)

Keep small items out of the reach of children.
To prevent accidental ingestion of the parts listed below, always keep them out of the reach of small children.

• Included Parts
• Screws
IMPORTANT NOTES

Power Supply
- Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter or a motor (such as a refrigerator, washing machine, microwave oven, or air conditioner). Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.
- The AC adaptor will begin to generate heat after long hours of consecutive use. This is normal, and is not a cause for concern.

Placement
- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Do not allow objects to remain on top of the keyboard. This can be the cause of malfunction, such as keys ceasing to produce sound.
- Do not place containers or anything else containing liquid on top of this unit. Also, whenever any liquid has been spilled on the surface of this unit, be sure to promptly wipe it away using a soft, dry cloth.

Maintenance
- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Care of the Keyboard
- Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.
- Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.
- To remove stubborn dirt, use a commercially available keyboard cleaner that does not contain abrasives. Start by wiping lightly. If the dirt does not come off, wipe using gradually increasing amounts of pressure while taking care not to scratch the keys.

Additional Precautions
- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- Use a reasonable amount of care when using the unit’s buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable’s internal elements.
- To avoid disturbing others nearby, try to keep the unit’s volume at reasonable levels.
- The sound of keys being struck and vibrations produced by playing an instrument can be transmitted through a floor or wall to an unexpected extent. Please take care not to cause annoyance to others nearby.
- Do not apply undue force to the music stand while it is in use.

Using External Memories
- Please observe the following precautions when handling external memory devices. Also, make sure to carefully observe all the precautions that were supplied with the external memory device.
- Do not remove the device while reading/writing is in progress.
- To prevent damage from static electricity, discharge all static electricity from your person before handling the device.

Caution Regarding Radio Frequency Emissions
- The following actions may subject you to penalty of law.
  - Disassembling or modifying this device.
  - Removing the certification label affixed to the back of this device.

Intellectual Property Right
- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party’s copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform or broadcast it without the permission of the copyright owner.
- Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.
- The copyright of content in this product (the sound waveform data, style data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation.
- Purchasers of this product are permitted to utilize said content (except song data such as Demo Songs) for the creating, performing, recording and distributing original musical works.
- Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.
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- This Product uses the Source Code of μT-Kernel under T-License 2.0 granted by the T-Engine Forum (www.tron.org).
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- Roland, SuperNATURAL are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.
- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.
These are musical scores for the scale songs that are built into this unit. Use them for practicing scales.

How to practice effectively

♩ Listen to a song in the key that you want to practice, and learn it by ear.
♫ Selecting a Song/Playing Back: Owner’s Manual p. 4

♩ Start by practicing one hand at a time with a slow tempo.
Watch the score and learn the correct fingering.
♫ Change the tempo: Owner’s Manual p. 4

♩ When you’re able to play without mistakes, increase the tempo.
Make an effort to play smoothly and consistently.
Listen carefully to the accompaniment, and keep the rhythm steady while you play.
Minor Scales (マイナー・スケール)

A minor (イ短調、a-Moll) : Harmonic minor scale (和声的短音階)

E minor (オ短調、e-Moll) : Harmonic minor scale (和声的短音階)

B minor (ヘ短調、h-Moll) : Harmonic minor scale (和声的短音階)

A minor (イ短調、a-Moll) : Melodic minor scale (旋律的短音階)

E minor (オ短調、e-Moll) : Melodic minor scale (旋律的短音階)

B minor (ヘ短調、h-Moll) : Melodic minor scale (旋律的短音階)
Minor Scales (マイナー・スケール)

G♯ minor (嬰ヘ短調、fis-Moll) : Harmonic minor scale (和声的短音階)

C♯ minor (嬰ハ短調、cis-Moll) : Harmonic minor scale (和声的短音階)

G♯ minor (嬰ト短調、gis-Moll) : Melodic minor scale (旋律的短音階)
Minor Scales (マイナー・スケール)

D minor （二短調、d-Moll）: Harmonic minor scale （和声の短音階）

G minor （卜短調、g-Moll）: Harmonic minor scale （和声の短音階）

C minor （ハ短調、c-Moll）: Harmonic minor scale （和声の短音階）

D minor （二短調、d-Moll）: Melodic minor scale （旋律的短音階）

G minor （卜短調、g-Moll）: Melodic minor scale （旋律的短音階）

C minor （ハ短調、c-Moll）: Melodic minor scale （旋律的短音階）
Minor Scales (マイナー・スケール)

F minor (ヘ短調、f-Moll) : Harmonic minor scale (和声的短音階)

B♭ minor (菱口短調、b-Moll) : Harmonic minor scale (和声的短音階)

E♭ minor (菱短調、es-Moll) : Harmonic minor scale (和声的短音階)
IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE: NEUTRAL
BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.
Under no circumstances must either of the above wires be connected to the earth terminal of a three pin plug.

DECLARATION OF CONFORMITY

Compliance Information Statement

Model Name: RP102
Type of Equipment: Digital Piano
Responsible Party: Roland Corporation U.S.
Address: 5100 S. Eastern Avenue Los Angeles, CA 90040-2938
Telephone: (323) 890-3700

FEDERAL COMMUNICATIONS COMMISSION
RADIO FREQUENCY INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

This equipment requires shielded interface cables in order to meet FCC class B limit.
Any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For the USA

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

For Canada

For Korea

 사용자 안내문

기종별 | 사용자 안내문
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B 급 기기 (가정용 방송통신기기) | 이 기기는 가정용 (B 급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

WARNING

This product contains chemicals known to cause cancer, birth defects and other reproductive harm, including lead.

Manufacturer: 2036-1 Nakagawa, Hosoe-cho, Kita-ku, Hamamatsu, Shizuoka 431-1304, JAPAN
Importer: ENA 23 Zone 1 nr. 1620 Klaus-Michael Kuehnelaan 13, 2440 Geel, BELGIUM
This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

(FCC Part15 Subpart C §15.247, 15.253, 15.255)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

(RSS-Gen §7.1.3)

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE).

(Canada Part 15 Subpart C §15.247, 15.253, 15.255)

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation de l'exposition maximale autorisée.

(RSS-102 §2.6)
European Community Declaration of Conformity

English
Hereby, Roland Corporation declares that the radio equipment type Bluetooth is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address.

Bulgarian
С настоящото Roland Corporation декларира, че този тип радиооборудване Bluetooth е в съответствие с Директивата 2014/53/EC.
Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес.

Czech
Tímto Roland Corporation prohlašuje, že typ radioláze Bluetooth je v souladu se směrnicí 2014/53/EU.
Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese.

Danish
Hermed erklærer Roland Corporation, at radiodiststypen Bluetooth er i overensstemmelse med direktiv 2014/53/EU.
EU-overensstemmelseserklærings fuld tekst kan findes på følgende internetadresse.

German
Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar.

Estonian
EÜ vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil.

Greek
Με την παρούσα ο/η Roland Corporation, δηλώνει ότι ο ραδιοεξοπλισμός Bluetooth πληροί την οδηγία 2014/53/ΕΕ.
Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθο ιστοσελίδα στο διαδίκτυο.

Hungarian
Roland Corporation igazolja, hogy a Bluetooth típusú rádióépítőkészülék megfelel a 2014/53/EU irányelvnek.
Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen.

Italian
Il fabbricante, Roland Corporation, dichiara che il tipo di apparecchiatura radio Bluetooth è conforme alla direttiva 2014/53/UE.
Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo internet.

Latvian
Ar šo Roland Corporation deklarē, ka radioiekārta Bluetooth atbilst Direktīvai 2014/53/ES.
Pēns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē.

Lithuanian
AL, Roland Corporation, patvirtina, kad radijo įrenginio tipas Bluetooth atitinka Direktyvą 2014/53/ES.
Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu.

Croatian
Roland Corporation ovime izjavljuje da je radijska oprema tipa Bluetooth u skladu s Direktivom 2014/53/EU.
Gledajte tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi.

Polish
Roland Corporation niniejszym oświadcza, że typ urządzenia radiowego Bluetooth jest zgodny z dyrektywą 2014/53/UE.
Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym.

Portuguese
O(a) abaixo assinado(a) Roland Corporation declara que o presente tipo de equipamento de rádio Bluetooth está em conformidade com a Diretiva 2014/53/UE.
O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet.

Romanian
Prin prezenta, Roland Corporation declară că tipul de echipament radio Bluetooth este în conformitate cu Directiva 2014/53/UE.
Textul integral al decretului UE de conformitate este disponibil la următoarea adresă internet.

Slovak
Roland Corporation týmto vyhlasuje, že rádiové zariadenie typu Bluetooth je v súlade so smernicou 2014/53/EU.
Úplné EÚ vyhlasenie o zhode je k dispozícii na tejto internetovej adrese.

Slovenian
Roland Corporation potrjuje, da je tip radijske opreme Bluetooth skladen z Direktivo 2014/53/EU.
Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu.

Swedish
Härmed försäkrar Roland Corporation att denna typ av radioutrustning Bluetooth överensstämmer med direktiv 2014/53/EU.
Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress.

The Declaration of Conformity may be consulted in Downloads menu of this product at the following internet address.

- Operating frequency: 2400–2483.5 MHz
- Maximum RF transmit power: 2.5 mW

http://www.roland.com/